

TPS7H4011-SP QMLP Total Ionizing Dose (TID) Radiation Report



ABSTRACT

This report discusses the results of the TID testing for the Texas Instruments TPS7H4011-SP QMLP 4.5V to 14V input, 12A radiation hardened synchronous buck converter.

The study was done to determine TID effects under high dose rate (HDR) up to 100krad(Si) after 168hr anneal at room temperature (resulting in an effective dose rate of 165.34mrad(Si)/s).

The results show that all samples passed within the specified limits up to 100krad(Si).

Table of Contents

1 Device Information	2
1.1 Product Description.....	2
1.2 Device Details.....	2
2 Total Dose Test Setup	4
2.1 Test Overview.....	4
2.2 Test Description and Facilities.....	4
2.3 Test Setup Details.....	4
2.4 Biased Test Configuration and Condition.....	5
3 TID Characterization Test Results	6
3.1 TID Characterization Summary Results.....	6
3.2 Data Sheet Electrical Parameter Characteristics.....	6
4 Applicable and Reference Documents	13
4.1 Applicable Documents.....	13
4.2 Reference Documents.....	13
A Appendix A: HDR Results	14
B Revision History	15

List of Figures

Figure 1-1. TPS7H4011-SP QMLP Device Used in Exposure (Front).....	3
Figure 1-2. TPS7H4011-SP QMLP Device Used in Exposure (Back).....	3
Figure 2-1. TPS7H4011-SP QMLP Bias Diagram.....	4

List of Tables

Table 1-1. Device and Exposure Details.....	2
Table 2-1. HDR: Biased Device Information.....	5
Table 2-2. HDR: Unbiased Device Information.....	5
Table 3-1. Data Sheet Electrical Parameter Characteristics.....	6
Table 3-2. Data Sheet Electrical Parameter Characteristics - Plastic (HTSSOP) Package.....	11
Table A-1. Decoder Implementation, Example Test: IDD STATIC/VIN/14////@VIN_SHDN_CURR_14V.....	14

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1 Device Information

1.1 Product Description

The TPS7H4011-SP QMLP is a 14V, 12A synchronous buck converter optimized for use in a space environment. High efficiency and reduced component count are achieved through peak current mode control.

The wide voltage range of the TPS7H4011-SP QMLP enables the device to be used as a point of load regulator to convert directly from a 12V or 5V rail. The output voltage start-up ramp is controlled by the SS_TR pin. Power sequencing is possible with the EN and PWRGD pins. The device can be configured with up to four devices in parallel without an external clock for increased current capabilities. Additionally, various features are included such as differential remote sensing, selectable current limit, a flexible fault input pin, and configurable compensation.

1.2 Device Details

Table 1-1 lists the device information used in the TID HDR characterization.

Table 1-1. Device and Exposure Details

TID Exposure Details	
TI Device	TPS7H4011-SP QMLP
Package	44-pin HTSSOP (DDW)
TI Part Name	5962R2122102PYE
Technology	LBC7 (Linear BiCMOS 7)
Assembly Lot Number	5391975
Quantity Tested	HDR: 50 Devices <ul style="list-style-type: none"> • Five biased and five unbiased units at 3krad (Si) levels • Five biased and five unbiased units at 10krad (Si) levels • Five biased and five unbiased units at 30krad (Si) levels • Five biased and five unbiased units at 50krad (Si) levels • Five biased and five unbiased units at 100krad (Si) levels • Five control/correlation units with no exposure
HDR Radiation Facility	Texas Instruments, Dallas, TX
HDR Dose Level	100krad(Si)
HDR Dose Rate	156.35 rads(Si)/s ionizing radiation dose rate
HDR Radiation Source	Gamma cell Co-60
Irradiation Temperature	Ambient, room temperature controlled to 25°C (±6°C) per MIL-STD-883 and MIL-STD-750.

50 krad biased, 100krad biased, and 100krad unbiased devices were annealed at room temperature with their respective bias condition. The 100krad devices were annealed for 168 hours, and the 50 krad devices were annealed for 84 hours, resulting in an effective dose rate of 165.34mrad(Si)/s for these devices.



Figure 1-1. TPS7H4011-SP QMLP Device Used in Exposure (Front)

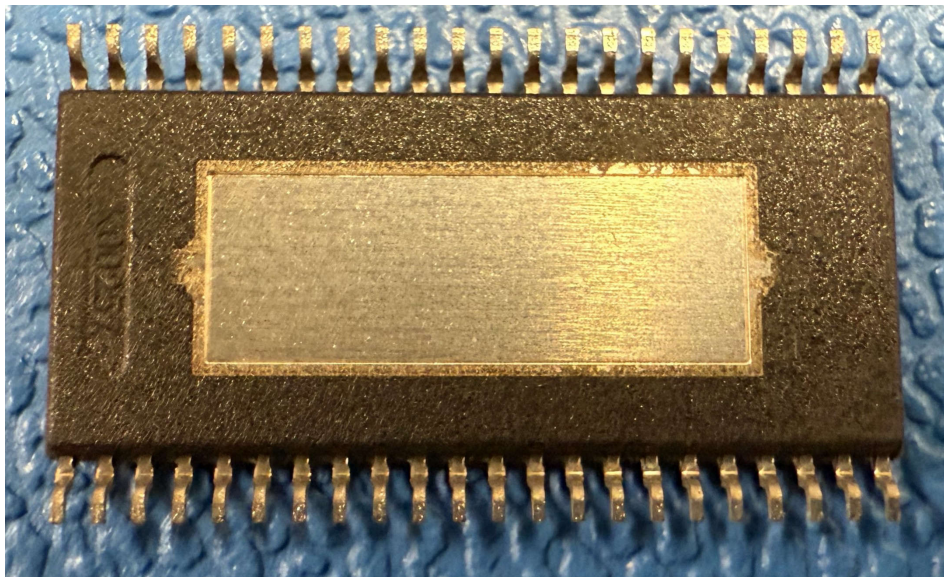


Figure 1-2. TPS7H4011-SP QMLP Device Used in Exposure (Back)

2 Total Dose Test Setup

2.1 Test Overview

The TPS7H4011-SP QMLP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A was used. The product was irradiated up to the target radiation level, and then put through full electrical parametric testing on the production Automated Test Equipment (ATE). All devices remained functional passing all parametric test limits.

2.2 Test Description and Facilities

The TPS7H4011-SP QMLP HDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell at TI facility in Dallas, Texas. The 50krad(Si) biased devices were annealed with the respective biased condition for 84 hours and retested. The 100krad(Si) devices were annealed with the respective biased condition for 168 hours and retested, making the effective dose rate for both groups of these devices 165.34 mrad(Si)/s. ATE test limits are set per datasheet electrical limits based on qualification and characterization data.

2.3 Test Setup Details

The devices under HDR exposure were tested in two conditions, biased and unbiased, as described in the following sections.

2.3.1 Unbiased

For the unbiased HDR condition, the exposure was performed with all pins grounded.

2.3.2 Biased

Figure 2-1 shows the diagram for HDR exposure with biased condition.

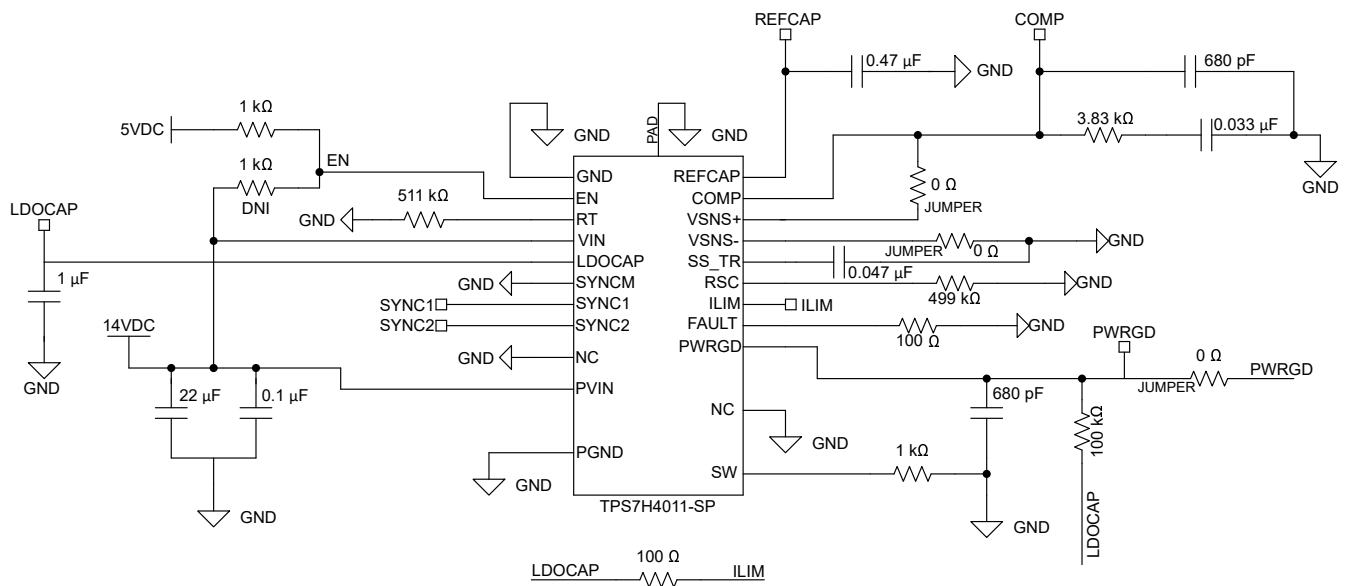


Figure 2-1. TPS7H4011-SP QMLP Bias Diagram

2.4 Biased Test Configuration and Condition

HDR devices were stressed up to 100krad(Si) for biased and unbiased conditions.

Table 2-1. HDR: Biased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
1000, 1001, 1002, 1003, 1004	1010, 1011, 1012, 1013, 1014	1020, 1021, 1022, 1023, 1024	1030, 1031, 1032, 1033, 1034	1040, 1041, 1042, 1043, 1044

Table 2-2. HDR: Unbiased Device Information

Total Samples: 25				
Exposure Levels				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
1005, 1006, 1007, 1008, 1009	1015, 1016, 1017, 1018, 1019	1025, 1026, 1027, 1028, 1029	1035, 1036, 1037, 1038, 1039	1045, 1046, 1047, 1048, 1049

3 TID Characterization Test Results

3.1 TID Characterization Summary Results

The parametric data for the TPS7H4011-SP QMLP passes up to 100krad(Si) HDR TID irradiation. The drifts of the electrical parameters through HDR were within the datasheet limits.

Overall, the TPS7H4011-SP QMLP showed a strong degree of hardness to HDR TID irradiation up to 100krad(Si) for both biased and unbiased exposure conditions. The measurements taken post-irradiation for each sample set showed a marginal shift for most parameters at each dose level for both biased and unbiased. The parameters that did show a greater degree of change pre- and post- irradiation were still within the electrical performance characteristics specified in the data sheet electrical parameters. See [Section 3.2](#) for electrical parameters. Test numbers are listed only for parameters tested for TID.

See [Appendix A](#) for HDR report up to 100krad(Si).

3.2 Data Sheet Electrical Parameter Characteristics

Over $4.5V \leq V_{IN} \leq 14V$, $PV_{IN} = V_{IN}$, $VSNS- = 0V$, open loop configuration, $I_{OUT} = 0A$, $T_A = 25^\circ C$, unless otherwise noted.

Table 3-1. Data Sheet Electrical Parameter Characteristics

PARAMETER	TEST CONDITIONS	SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS	
POWER SUPPLIES AND CURRENTS								
V_{UVLOR_PVIN}	PVIN internal UVLO rising threshold	1, 2, 3	3.2	3.4	3.6	V	14.1, 14.7, 14.13, 14.19	
$V_{UVLOHYST_PVIN}$	PVIN internal UVLO hysteresis	1, 2, 3	425	450	500	mV	14.3, 14.9, 14.15, 14.21	
V_{UVLOR_VIN}	VIN internal UVLO rising threshold	1, 2, 3	3.4	3.6	3.8	V	14.4, 14.10, 14.16, 14.22	
$V_{UVLOHYST_VIN}$	VIN internal UVLO hysteresis	1, 2, 3	140	155	170	mV	14.6, 14.12, 14.18, 14.24	
I_{SHDN_VIN}	VIN shutdown supply current	$V_{EN} = 0V$	VIN = 4.5V	1, 2, 3	2	2.9	mA	12.1
			VIN = 14V	1, 2, 3	2	3		12.16
I_{SHDN_PVIN}	PVIN shutdown supply current	$V_{EN} = 0V$	PVIN = 4.5V	1, 2, 3	2.6	3.5	mA	12.2
			PVIN = 14V	1, 2, 3	3.5	4.7		12.17
I_{Q_VIN}	VIN operating quiescent current (non switching)	$V_{EN} = 7V$, $V_{SENSE} = 1V$	1, 2, 3	2.6	5	mA	12.3, 12.8, 12.13, 12.18	
ENABLE AND FAULT								
$V_{EN(rising)}$	Enable rising threshold (turn-on)	1, 2, 3	0.555	0.61	0.655	V	15.3, 15.6, 15.9, 15.12	
$V_{EN(falling)}$	Enable falling threshold (turn-off)	1, 2, 3	0.455	0.51	0.554		15.4, 15.7, 15.10, 15.13	
$t_{EN(delay)}$	Enable propagation delay	EN high to SW high, SS pin open	1, 2, 3	52	100	μs	24.32, 24.72, 24.112, 24.152	
$I_{EN(LKG)}$	Enable input leakage current	$V_{EN} = 7V$	1, 2, 3	2	100	nA	15.1, 15.15	
$V_{FAULT(rising)}$	FAULT threshold rising (turn-off)	1, 2, 3	0.555	0.6	0.635	V	16.1, 16.5, 16.9, 16.13	
$V_{FAULT(falling)}$	FAULT threshold falling (turn-on)	1, 2, 3	0.455	0.5	0.535		16.2, 16.6, 16.10, 16.14	
$V_{FAULT(HYS)}$	FAULT hysteresis voltage	1, 2, 3	90	100	110	mV	16.3, 16.7, 16.11, 16.15	
$I_{FAULT(LKG)}$	Fault input leakage current	$V_{FAULT} = 7V$	1, 2, 3	3	5	μA	16.4, 16.8, 16.12, 16.16	
$t_{FAULT(min)}$	FAULT minimum puls width	9, 10, 11	0.4		1.4	μs	24.39, 24.79, 24.119, 24.159	

Table 3-1. Data Sheet Electrical Parameter Characteristics (continued)

PARAMETER		TEST CONDITIONS		SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS
$t_{\text{FAULT(delay)}}$	FAULT delay duration			9, 10, 11	26	31	44	(1/f _{sw}) s	24.34, 24.36, 24.38, 24.74, 24.76, 24.78, 24.114, 24.116, 24.118, 24.154, 24.156, 24.158
VOLTAGE REFERENCE AND REMOTE SENSE									
V_{REF}	Internal voltage reference (including error amplifier V_{IO})	See data sheet for more info	$T_A = -55^\circ\text{C}$	3	0.595	0.598	0.603	V	17.3, 17.11, 17.19, 17.27
			$T_A = 25^\circ\text{C}$	1	0.596	0.6	0.603		
			$T_A = 125^\circ\text{C}$	2	0.596	0.599	0.603		
$V_{\text{REF(internal)}}$	Internal voltage reference (without error amplifier included)	$V_{\text{REF(internal)}} = V_{\text{SS_TR}} - \text{VSNS-}$		1, 2, 3	0.593	0.6	0.606	V	17.1, 17.9, 17.17, 17.25
V_{BG}	Bandgap voltage (voltage at the REFCAP pin)	$C_{\text{REFCAP}} = 470\text{nF}$		1, 2, 3	1.184	1.2	1.222	V	12.5, 12.10, 12.15, 12.20
$I_{\text{VSNS+(LKG)}}$	VSNS+ input leakage current	$\text{VSNS+} = 0.6\text{V}$		1, 2, 3		10	30	nA	17.5, 17.13, 17.21, 17.29
$I_{\text{VSNS-}}$	VSNS- output current			1, 2, 3	8	10	12	μA	17.4, 17.12, 17.20, 17.28
ERROR AMPLIFIER									
V_{IO}	Error amplifier input offset voltage	$\text{VSENSE} = 0.6\text{V}$		1, 2, 3	-2.3		2.9	mV	17.2, 17.10, 17.18, 17.26
g_{mEA}	Error amplifier transconductance	$-10\mu\text{A} < I_{\text{COMP}} < 10\mu\text{A}, V_{\text{COMP}} = 1\text{V}$	$T_A = -55^\circ\text{C}$	11	1400	2050	2700	μS	18.1, 18.4, 18.7, 18.10
			$T_A = 25^\circ\text{C}$	9	1200	1650	2100		
			$T_A = 125^\circ\text{C}$	10	1000	1250	1500		
E_{ADC}	Error amplifier DC gain	$\text{VSENSE} = 0.6\text{V}$				11500		V/V	
E_{AISRC}	Error amplifier source	$V_{\text{COMP}} = 1\text{V}, 100\text{mV}$ input overdrive		1, 2, 3	90	125	200	μA	18.2, 18.5, 18.8, 18.11
E_{AISNK}	Error amplifier sink				90	125	200		
E_{ARo}	Error amplifier output resistance					7		M Ω	
E_{ABW}	Error amplifier bandwidth					9		MHz	
g_{mps}	Power stage transconductance, 18.3A (typ) current limit	$I_{\text{OUT}} = 12, \text{ILM} = \text{AVDD}$	$T_A = -55^\circ\text{C}$	3	14.4	19.4	24.8	S	20.12, 20.46, 20.80, 20.114
			$T_A = 25^\circ\text{C}$	1	15.2	20.4	26.1		
			$T_A = 125^\circ\text{C}$	2	16	21	27		
g_{mps}	Power stage transconductance, 13.4A (typ) current limit	$I_{\text{OUT}} = 9\text{A}, R_{\text{ILIM_TOP}} = 49.9\text{k}\Omega, R_{\text{ILIM_BOT}} = 100\text{k}\Omega$	$T_A = -55^\circ\text{C}$	3	9.3	13.3	17	S	20.13, 20.47, 20.81, 20.115
			$T_A = 25^\circ\text{C}$	1	9.6	13.8	17.5		
			$T_A = 125^\circ\text{C}$	2	9.7	14	18.1		
g_{mps}	Power stage transconductance, 18.3A (typ) current limit	$V_{\text{COMP}} = 0.6\text{V}, \text{ILIM} = \text{AVDD}$		1, 2, 3	17.8	22.4	28.3	S	20.18, 20.52, 20.86, 20.120
g_{mps}	Power stage transconductance, 13.4A (typ) current limit	$V_{\text{COMP}} = 0.65\text{V}, R_{\text{ILIM_TOP}} = 49.9\text{k}\Omega, R_{\text{ILIM_BOT}} = 100\text{k}\Omega$		1, 2, 3	12.8	16.1	20.6	S	20.19, 20.53, 20.87, 20.121
g_{mps}	Power stage transconductance, 9A (typ) current limit	$V_{\text{COMP}} = 0.65\text{V}, R_{\text{ILIM_TOP}} = 100\text{k}\Omega, R_{\text{ILIM_BOT}} = 49.9\text{k}\Omega$		1, 2, 3	8	11	15.5	S	20.20, 20.54, 20.88, 20.122
g_{mps}	Power stage transconductance, 5.6A (typ) current limit	$V_{\text{COMP}} = 0.75\text{V}, \text{ILIM} = \text{GND}$		1, 2, 3	4.6	7.2	9.2	S	20.21, 20.55, 20.89, 20.123

Table 3-1. Data Sheet Electrical Parameter Characteristics (continued)

PARAMETER		TEST CONDITIONS		SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS
OVERCURRENT PROTECTION									
I _{OC_HS1}	High-side switch current limit threshold 1	R _{SHORT} = 100mΩ	ILIM = GND	1, 2, 3		5.6	7.5	A	
			R _{ILIM_T} = 100kΩ, R _{ILIM_B} = 49.9kΩ	1, 2, 3		9	11.9		20.5, 20.39, 20.73, 20.107
			R _{ILIM_T} = 49.9kΩ, R _{ILIM_B} = 100kΩ	1, 2, 3		13.4	17.8		20.10, 20.44, 20.78, 20.112
			ILIM = AVDD	1, 2, 3		18.3	24.9		20.7, 20.41, 20.75, 20.109
I _{OC_HS2}	High-side switch current limit threshold 2	VIN = 12V, R _{SHORT} ≈ 4mΩ	ILIM = GND			6.6		A	20.8, 20.42, 20.76, 20.110
			R _{ILIM_T} = 100kΩ, R _{ILIM_B} = 49.9kΩ			11.1			20.9, 20.43, 20.77, 20.111
			R _{ILIM_T} = 49.9kΩ, R _{ILIM_B} = 100kΩ			17			20.10, 20.44, 20.78, 20.112
			ILIM = AVDD			23.9			20.11, 20.45, 20.79, 20.113
I _{OC_LS(sink)}	Low-side switch sinking overcurrent threshold		T _A = -55°C	3	1.6	2.3	3.6	A	
			T _A = 25°C	1	1.5	2.2	3.3		19.2, 19.5, 19.8, 19.11
			T _A = 125°C	2	1.4	2	2.8		
I _{ILIM(lkg)}	ILIM input leakage current	ILIM = 7V	1, 2, 3		2	100	nA	15.2, 15.16	
COMP _{SHDN}	COMP shutdown voltage		1, 2, 3	1.7	1.9	2.1	V	22.1, 22.7, 22.13, 22.19	
t _{COMP(delay)}	COMP shutdown delay				30		μs		
SOFT START AND TRACKING									
t _{SS}	Soft start time	V _{SS_TR} from 10% to 90%, V _{SNS-} = GND, V _{OUT(set)} = 3.3V	C _{SS} = 5.6nF			1.5		ms	22.4, 22.10, 22.16, 22.22
			C _{SS} = 22nF	9, 10, 11	4.7	5.8	7.3		22.5, 22.11, 22.17, 22.23
			C _{SS} = 100nF			24.7			22.6, 22.12, 22.18, 22.24
R _{SS(discharge)}	Soft start discharge pull-down resistor		1, 2, 3	200	442	700	Ω	22.2, 22.8, 22.14, 22.20	
SS _{startup}	Maximum voltage on SS before startup (5)				20		mV	22.3, 22.9, 22.15, 22.21	

Table 3-1. Data Sheet Electrical Parameter Characteristics (continued)

PARAMETER		TEST CONDITIONS		SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS
SLOPE COMPENSATION									
SC	Slope compensation with 18.3A (typ) current limit	$f_{SW} = 100\text{kHz}$, $ILIM = AVDD$	$R_{SC} = 1.1\text{M}\Omega$			-0.7		A/ μs	
			$R_{SC} = 80.6\text{k}\Omega$			-8.8			
		$f_{SW} = 500\text{kHz}$, $ILIM = AVDD$	$R_{SC} = 196\text{k}\Omega$			-4.2			
			$R_{SC} = 1.1\text{M}\Omega$			-1.2			
		$f_{SW} = 1000\text{kHz}$, $ILIM = AVDD$	$R_{SC} = 80.6\text{k}\Omega$			-10.5			
			$R_{SC} = 196\text{k}\Omega$			-5.1			
	Slope compensation with 13.4A (typ) current limit	$f_{SW} = 500\text{kHz}$, $R_{ILIM_TOP} = 49.9\text{k}\Omega$, $R_{ILIM_BOT} = 100\text{k}\Omega$	$R_{SC} = 196\text{k}\Omega$			-3.2		A/ μs	
			$R_{SC} = 196\text{k}\Omega$			-2.4		A/ μs	
Slope compensation with 9A (typ) current limit	$f_{SW} = 500\text{kHz}$, $R_{ILIM_TOP} = 100\text{k}\Omega$, $R_{ILIM_BOT} = 49.9\text{k}\Omega$	$R_{SC} = 196\text{k}\Omega$			-2.4		A/ μs		
Slope compensation with 5.6A (typ) current limit	$f_{SW} = 500\text{kHz}$, $ILIM = GND$	$R_{SC} = 196\text{k}\Omega$			-1.8		A/ μs		
MINIMUM ON TIME AND DEAD TIME									
$t_{on(min)}$	Minimum on time	50% to 50% of V_{IN} , $I_{SW} = 2\text{A}$	$V_{IN} = 4.5\text{V}$	9, 10, 11		210	235	ns	24.31
			$V_{IN} = 5\text{V}$	9, 10, 11		213	250		24.71
			$V_{IN} = 12\text{V}$	9, 10, 11		199	250		24.111
			$V_{IN} = 14\text{V}$	9, 10, 11		199	250		24.151
$t_{off(min)}$	Minimum off time	$I_{SW} = 2\text{A}$				306		ns	
t_{dead}	Dead time					70		ns	24.4, 24.8, 24.12, 24.16
SWITCHING FREQUENCY AND SYNCHRONIZATION									
f_{SW}	RT programmed switching frequency	$R_{RT} = 511\text{k}\Omega$		4, 5, 6	90	100	120	kHz	24.14, 24.15, 24.54, 24.55, 24.94, 24.95, 24.134, 24.135
		$R_{RT} = 90.9\text{k}\Omega$		4, 5, 6	450	500	550		24.26, 24.27, 24.66, 24.67, 24.106, 24.107, 24.146, 24.147
		$R_{RT} = 40.2\text{k}\Omega$	$V_{IN} = 4.5\text{V}$	4, 5, 6	850	1000	1150		24.28, 24.29
			$5\text{V} \leq V_{IN} \leq 14\text{V}$	4, 5, 6	870	1000	1170		24.68, 24.69, 24.108, 24.109, 24.148, 24.149
t_{SYNC_R}	SYNC1 out low-to-high rise time (10% to 90%)	Clod = 25pF, see see SYNCx Rise and Fall Time		9, 10, 11		10	21	ns	24.18, 24.19, 24.58, 24.59, 24.98, 24.99, 24.138, 24.139
t_{SYNC_F}	SYNC1 out high-to-low fall time (90% to 10%)	Clod = 25pF, see SYNCx Rise and Fall Time		9, 10, 11		10	21	ns	24.20, 24.21, 24.60, 24.61, 24.100, 24.101, 24.140, 24.141
SYNC _{PH_2_1}	SYNC2 to SYNC1 rising edge phase shift	SYNCM = GND		9, 10, 11	82	90	98	°	24.17, 24.57, 24.97, 24.137

Table 3-1. Data Sheet Electrical Parameter Characteristics (continued)

PARAMETER		TEST CONDITIONS		SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS
$t_{\text{SYNC_D}}$	SYNC1 to SW delay	Non-inverted SYNC1 input (SYNC2 = AVDD, SYNCM = AVDD)	VIN = 4.5V	9, 10, 11	140	225	350	ns	24.2
			$5V \leq \text{VIN} \leq 14V$	9, 10, 11	120	210	270		24.42, 24.82, 24.122
			VIN = 12V, IOU = 12A			224			
		Inverted SYNC1 input (SYNC2 = GND, SYNCM = AVDD)	VIN = 4.5V	9, 10, 11	150	256	390	ns	24.3
			$5V \leq \text{VIN} \leq 14V$	9, 10, 11	140	240	300		24.43, 24.83, 24.123
			VIN = 12V, IOU = 12A			246			
		SYNC1 output (SYNCM = GND)	VIN = 4.5V	9, 10, 11	110	180	280	ns	24.16
			$5V \leq \text{VIN} \leq 14V$	9, 10, 11	90	175	250		24.56, 24.96, 24.136
			VIN = 12V, IOU = 12A			184			
$V_{\text{SYNC(OH)}}$	SYNC1, SYNC2 output high	SNYCM = GND, IOH = 2mA	$4.5V \leq \text{VIN} \leq 5V$	1, 2, 3	VIN-0.3			V	24.22, 24.23, 24.62, 24.63
			VIN > 5V	1, 2, 3	4.5	5	5.2		24.102, 24.103, 24.142, 24.143
$V_{\text{SYNC(OL)}}$	SYNC1, SYNC2 output low	SYNCM = GND, IO = 2mA		1, 2, 3			0.4	V	24.24, 24.25, 24.64, 24.65, 24.104, 24.105, 24.144, 24.145
$V_{\text{SYNC1(IH)}}$	SYNC1 input high threshold	SYNCM = AVDD		1, 2, 3				V	24.4, 24.44, 24.84, 24.124
$V_{\text{SYNC1(IL)}}$	SYNC1 input low threshold	SYNCM = AVDD		1, 2, 3	0.7				24.5, 24.45, 24.85, 24.125
f_{SYNC}	SYNC1 input frequency range	SYNCM = AVDD		4, 5, 6	100			kHz	24.1, 24.8, 24.9, 24.41, 24.48, 24.49, 24.81, 24.88, 24.89, 24.121, 24.128, 24.129
D_{SYNC}	SYNC1 input duty cycle range	SYNCM = AVDD, external clock duty cycle		4, 5, 6	40%		60%		24.10, 24.11, 24.50, 24.51, 24.90, 24.91, 24.130, 24.131
$t_{\text{CLK_E_I}}$	External clock to internal clock detection time	SYNCM = AVDD, RT populated		9, 10, 11		2	5	(1/ f_{sw}) s	24.12, 24.52, 24.92, 24.132
$t_{\text{CLK_I_E}}$	Internal clock to external clock detection time	SYNCM = AVDD, RT populated		9, 10, 11		1	2	(1/ f_{sw}) s	24.13, 24.53, 24.93, 24.133
POWER GOOD AND THERMAL SHUTDOWN									
$\text{PWRGD}_{\text{LOW_F\%}}$	PWRGD falling threshold (fault), low	Threshold for PWRGD (VSENSE as percent of VREF), VSNS = 0V	VSENSE falling	1, 2, 3	90%	92%	95%		23.2, 23.9, 23.16, 23.23
$\text{PWRGD}_{\text{LOW_R\%}}$	PWRGD rising threshold (good), low		VSENSE rising	1, 2, 3	93%	95%	98%		23.3, 23.10, 23.17, 23.24
$\text{PWRGD}_{\text{HIGH_R\%}}$	PWRGD rising threshold (fault), high		VSENSE rising	1, 2, 3	106%	108%	112%		23.4, 23.11, 23.18, 23.25
$\text{PWRGD}_{\text{HIGH_F\%}}$	PWRGD falling threshold (good), high		VSENSE falling	1, 2, 3	103%	105%	109%		23.5, 23.12, 23.19, 23.26
$I_{\text{PWRGD(LKG)}}$	Output high leakage	VSENSE = VREF, VPWRGD = 7V		1, 2, 3		50	500	nA	23.6, 23.13, 23.20, 23.27
$V_{\text{PWRGD (OL)}}$	Power good output low	IPWRGD (SINK) = 0mA to 2mA		1, 2, 3		250	300	mV	23.7, 23.14, 23.21, 23.28

Table 3-1. Data Sheet Electrical Parameter Characteristics (continued)

PARAMETER		TEST CONDITIONS	SUB-GROUP	MIN	TYP	MAX	UNIT	TEST NUMBERS	
$V_{IN_MIN_PWRGD}$ _D	Minimum VIN for valid PWRGD output	Measured when $V_{PWRGD} \leq 0.5V$ at 100 μ A	1, 2, 3		1	2	V	23.1	
$T_{SD(enter)}$	Thermal shutdown enter temperature				170		°C		
$T_{SD(exit)}$	Thermal shutdown exit temperature				135				
$T_{SD(HYS)}$	Thermal shutdown hysteresis				35				
MOSFET									
$R_{DS_ON_HS}$	High-side switch resistance at $I_{HS} = 12A$ (lead length $\approx 3mm$)	$P_{VIN} = V_{IN} = 4.5V$	$T_A = -55^\circ C$	3		38	53	m Ω	20.2,20.3
			$T_A = 25^\circ C$	1		50	61		
			$T_A = 125^\circ C$	2		64	79		
		$P_{VIN} = V_{IN} = 5V$	$T_A = -55^\circ C$	3		36	50		20.36, 20.37
			$T_A = 25^\circ C$	1		48	60		
			$T_A = 125^\circ C$	2		62	73		
		$P_{VIN} = V_{IN} = 12V$	$T_A = -55^\circ C$	3		34	45		20.70, 20.71
			$T_A = 25^\circ C$	1		45	53		
			$T_A = 125^\circ C$	2		59	67		
		$P_{VIN} = V_{IN} = 14V$	$T_A = -55^\circ C$	3		34	45		20.104,20.105
			$T_A = 25^\circ C$	1		45	53		
			$T_A = 125^\circ C$	2		59	67		
$R_{DS_ON_LS}$	Low-side switch resistance at $I_{LS} = 12A$ (lead length $\approx 3mm$)	$P_{VIN} = V_{IN} = 4.5V$	$T_A = -55^\circ C$	3		25	40	m Ω	21.2,21.3
			$T_A = 25^\circ C$	1		35	51		
			$T_A = 125^\circ C$	2		51	61		
		$P_{VIN} = V_{IN} = 5V$	$T_A = -55^\circ C$	3		23	35		21.8,21.9
			$T_A = 25^\circ C$	1		33	45		
			$T_A = 125^\circ C$	2		48	56		
		$P_{VIN} = V_{IN} = 12V$	$T_A = -55^\circ C$	3		23	32		21.14, 21.15
			$T_A = 25^\circ C$	1		33	42		
			$T_A = 125^\circ C$	2		47	55		
		$P_{VIN} = V_{IN} = 14V$	$T_A = -55^\circ C$	3		23	32		21.20, 21.21
			$T_A = 25^\circ C$	1		33	42		
			$T_A = 125^\circ C$	2		47	55		

Table 3-2. Data Sheet Electrical Parameter Characteristics - Plastic (HTSSOP) Package

PARAMETER		TEST CONDITIONS	SUB-GROUP	MIN	TYP	MAX	UNIT	
VOLTAGE REFERENCE AND REMOTE SENSE								
V_{REF}	Internal voltage reference (including error amplifier V_{IO})	see	$T_A = -55^\circ C$	3	0.594	0.598	0.603	V
			$T_A = 25^\circ C$	1	0.596	0.6	0.603	
			$T_A = 125^\circ C$	2	0.597	0.599	0.604	
$V_{REF(internal)}$	Internal voltage reference (without error amplifier included)	$V_{REF(internal)} = V_{SS_TR} - VSNS-$	1, 2, 3	0.593	0.6	0.607	V	
ERROR AMPLIFIER								
g_{mps}	Power stage transconductance, 17.5A (typ) current limit	$I_{OUT} = 12A,$ $ILIM = AVDD$	$T_A = -55^\circ C$	3	13.6	19.4	24.8	S
			$T_A = 25^\circ C$	1	13.6	20.1	26.1	
			$T_A = 125^\circ C$	2	13.6	20.2	26.7	
g_{mps}	Power stage transconductance, 17.5A (typ) current limit	$V_{COMP} = 0.6V, ILIM = AVDD$	1, 2, 3	17.8	22.4	28.3	S	
g_{mps}	Power stage transconductance, 9A (typ) current limit	$V_{COMP} = 0.7V, R_{ILIM_TOP} = 100k\Omega, R_{ILIM_BOT} = 49.9k\Omega$	1, 2, 3	8	11	15.5	S	
g_{mps}	Power stage transconductance, 5.6A (typ) current limit	$V_{COMP} = 0.75V, ILIM = GND$	1, 2, 3	4.6	7.2	9.2	S	

Table 3-2. Data Sheet Electrical Parameter Characteristics - Plastic (HTSSOP) Package (continued)

PARAMETER		TEST CONDITIONS		SUB-GROUP	MIN	TYP	MAX	UNIT
OVERCURRENT PROTECTION								
I _{OC_HS1}	High-side switch current limit threshold 1	R _{SHORT} = 100mΩ	ILIM = GND	1, 2, 3		5.3	7.4	A
			R _{ILIM_T} = 100kΩ, R _{ILIM_B} = 49.9kΩ	1, 2, 3		8.6	11.7	
			R _{ILIM_T} = 49.9kΩ, R _{ILIM_B} = 100kΩ	1, 2, 3		12.8	17.5	
			ILIM = AVDD	1, 2, 3		17.5	24.3	
I _{OC_HS2}	High-side switch current limit threshold 2	VIN = 12V, R _{SHORT} ≈ 4mΩ	ILIM = GND			6.6		A
			R _{ILIM_T} = 100kΩ, R _{ILIM_B} = 49.9kΩ			11.1		
			R _{ILIM_T} = 49.9kΩ, R _{ILIM_B} = 100kΩ			17		
			ILIM = AVDD			23.9		
MOSFET								
R _{DS_ON_HS}	High-side switch resistance at I _{HS} = 12A	PVIN = VIN = 4.5V	T _A = -55°C	3		29	44	mΩ
			T _A = 25°C	1		37	50	
			T _A = 125°C	2		47	65	
		PVIN = VIN = 5V	T _A = -55°C	3		27	39	
			T _A = 25°C	1		35	47	
			T _A = 125°C	2		44	58	
		PVIN = VIN = 12V	T _A = -55°C	3		24	35	
			T _A = 25°C	1		31	43	
			T _A = 125°C	2		39	53	
		PVIN = VIN = 14V	T _A = -55°C	3		24	35	
			T _A = 25°C	1		31	43	
			T _A = 125°C	2		39	53	
R _{DS_ON_LS}	Low-side switch resistance at I _{LS} = 12A	PVIN = VIN = 4.5V	T _A = -55°C	3		20	33	mΩ
			T _A = 25°C	1		28	41	
			T _A = 125°C	2		41	52	
		PVIN = VIN = 5V	T _A = -55°C	3		20	31	
			T _A = 25°C	1		27	39	
			T _A = 125°C	2		39	49	
		PVIN = VIN = 12V	T _A = -55°C	3		19	28	
			T _A = 25°C	1		27	36	
			T _A = 125°C	2		38	48	
		PVIN = VIN = 14V	T _A = -55°C	3		19	28	
			T _A = 25°C	1		27	36	
			T _A = 125°C	2		38	48	

4 Applicable and Reference Documents

4.1 Applicable Documents

- Texas Instruments, [TPS7H4011-SP and TPS7H4011-SEP QMLP 4.5V to 14V Input 12A Radiation Hardened Synchronous Buck Converter](#), data sheet.
- Texas Instruments, [TPS7H4011-SP \(TPS7H4011EVM-CVAL\) Evaluation Module User's Guide](#), user's guide.

4.2 Reference Documents

Texas Instruments total ionizing dose radiation (total dose) test procedure follows the standards put forth in MIL-STD-883 TM 1019. The document can be found at the DLA website.

A Appendix A: HDR Results

This appendix contains the HDR TID report data. The following decoder serves as a reference guide for the test parameters shown in the appendix:

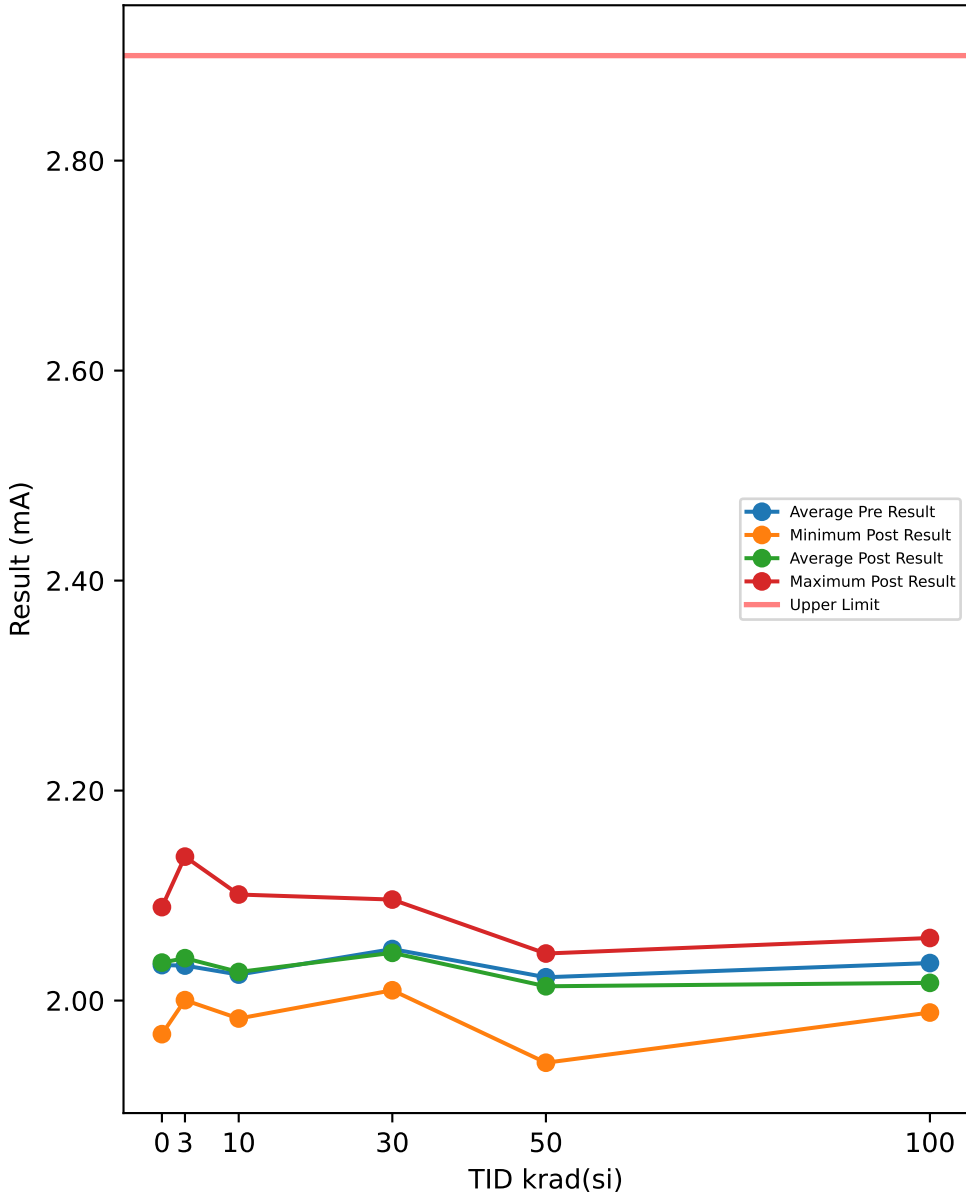
Please reference [Table A-1](#) below for an example implementation of this decoder.

Table A-1. Decoder Implementation, Example Test: IDD|STATIC|VIN/14|@VIN_SHDN_CURR_14V

Test Category	Header	Pin Name	Input Voltage	Load Current	Frequency Set Resistor Value	Condition	Specification Identifier
IDD	STATIC	VIN	14V	N/A	N/A	N/A	@VIN_SHDN_CURR_14

Note that the absence of identifiers in a parameter name indicates that the identifier is not applicable. For instance, this test does not have the device driving an external load, and thus no load current is specified.

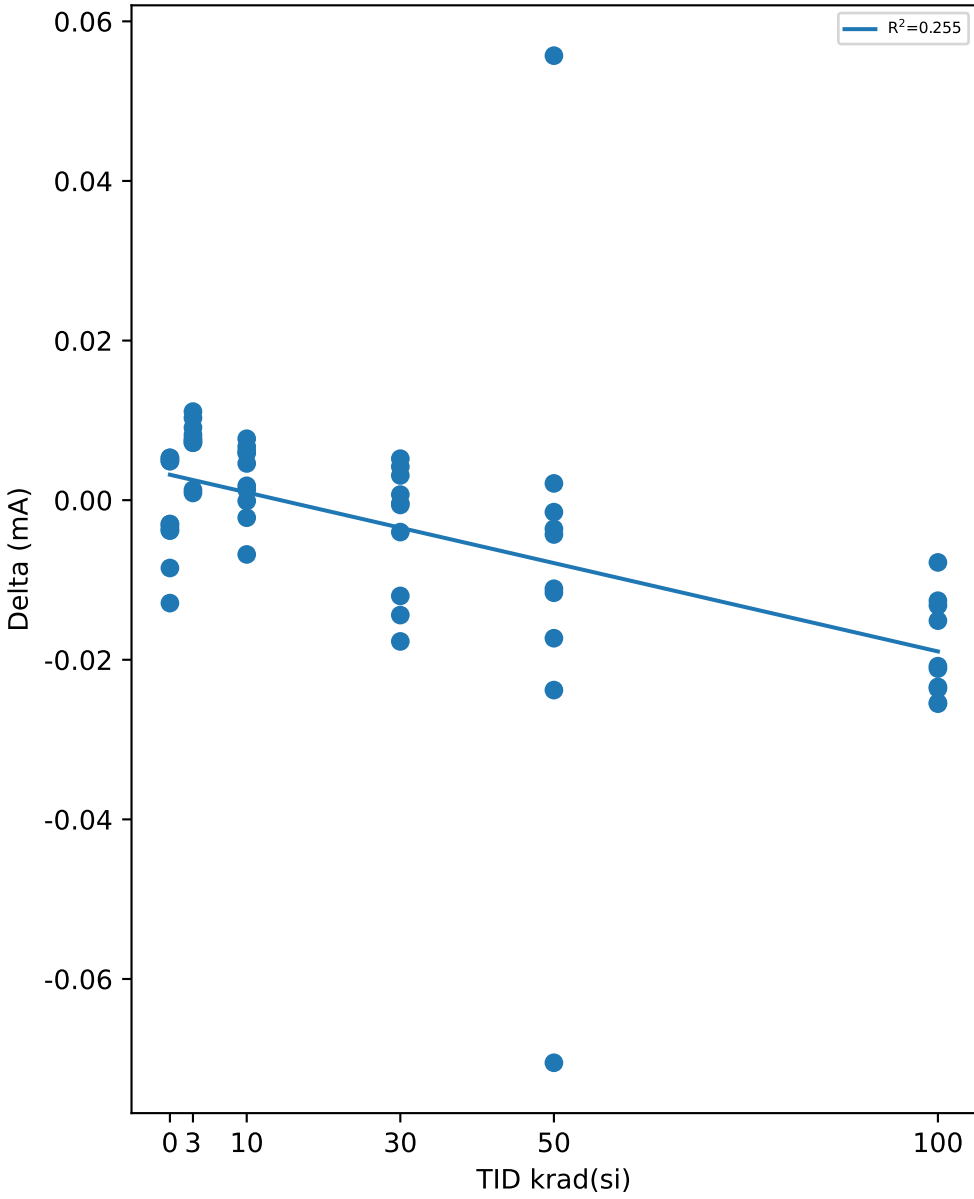
TID vs Result Stats



Test Results (Upper Limit = 2.9 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9809	1.968	-0.0129
516	0	CORRELATION	2.0448	2.0363	-0.0085
721	0	CORRELATION	2.0609	2.0575	-0.0034
723	0	CORRELATION	2.092	2.089	-0.003
729	0	CORRELATION	1.9903	1.9956	0.0053
1000	3	Unbiased	2.0412	2.0489	0.0077
1001	3	Unbiased	2.0143	2.0156	0.0013
1002	3	Unbiased	2.0481	2.049	0.0009
1003	3	Unbiased	1.9999	2.0102	0.0103
1004	3	Unbiased	2.0012	2.0103	0.0091
1005	3	Biased	2.0451	2.0523	0.0072
1006	3	Biased	2.0152	2.0227	0.0075
1007	3	Biased	2.05	2.0572	0.0072
1008	3	Biased	2.126	2.1371	0.0111
1009	3	Biased	1.9922	2.0004	0.0082
1010	10	Unbiased	1.9811	1.9829	0.0018
1011	10	Unbiased	2.0045	2.0058	0.0013
1012	10	Unbiased	2.0167	2.0228	0.0061
1013	10	Unbiased	2.0943	2.101	0.0067
1014	10	Unbiased	2.0463	2.0395	-0.0068
1015	10	Biased	2.0308	2.0286	-0.0022
1016	10	Biased	2.0158	2.0217	0.0059
1017	10	Biased	2.0379	2.0378	-0.0001
1018	10	Biased	1.9881	1.9927	0.0046
1019	10	Biased	2.0318	2.0395	0.0077
1020	30	Unbiased	2.0459	2.0339	-0.012
1021	30	Unbiased	2.0194	2.0225	0.0031
1022	30	Unbiased	2.0243	2.0237	-0.0006
1023	30	Unbiased	2.0275	2.0098	-0.0177
1024	30	Unbiased	2.0489	2.0449	-0.004
1025	30	Biased	2.0566	2.0618	0.0052
1026	30	Biased	2.0326	2.0333	0.0007
1027	30	Biased	2.0736	2.0778	0.0042
1028	30	Biased	2.0966	2.0962	-0.0004
1029	30	Biased	2.0651	2.0507	-0.0144
1030	50	Unbiased	2.0198	2.0082	-0.0116
1031	50	Unbiased	1.9451	1.9408	-0.0043
1032	50	Unbiased	2.0686	2.0448	-0.0238
1033	50	Unbiased	2.0154	2.0043	-0.0111
1034	50	Unbiased	2.0295	2.0259	-0.0036
1035	50	Biased-84Hr-Anneal	2.0298	2.0125	-0.0173
1036	50	Biased-84Hr-Anneal	2.0371	2.0392	0.0021
1037	50	Biased-84Hr-Anneal	2.0443	2.0428	-0.0015
1038	50	Biased-84Hr-Anneal	2.046	1.9755	-0.0705
1039	50	Biased-84Hr-Anneal	1.9864	2.0421	0.0557
1040	100	Unbiased-168Hr-Anneal	2.0085	1.9934	-0.0151
1041	100	Unbiased-168Hr-Anneal	2.0622	2.0368	-0.0254
1042	100	Unbiased-168Hr-Anneal	2.0537	2.0405	-0.0132
1043	100	Unbiased-168Hr-Anneal	2.0157	1.9949	-0.0208
1044	100	Unbiased-168Hr-Anneal	2.0121	1.9887	-0.0234
1045	100	Biased-168Hr-Anneal	2.0599	2.0344	-0.0255
1046	100	Biased-168Hr-Anneal	2.05	2.0289	-0.0211
1047	100	Biased-168Hr-Anneal	1.9964	1.9886	-0.0078
1048	100	Biased-168Hr-Anneal	2.0832	2.0596	-0.0236
1049	100	Biased-168Hr-Anneal	2.0155	2.0029	-0.0126

TID vs Post - Pre Exposure Delta

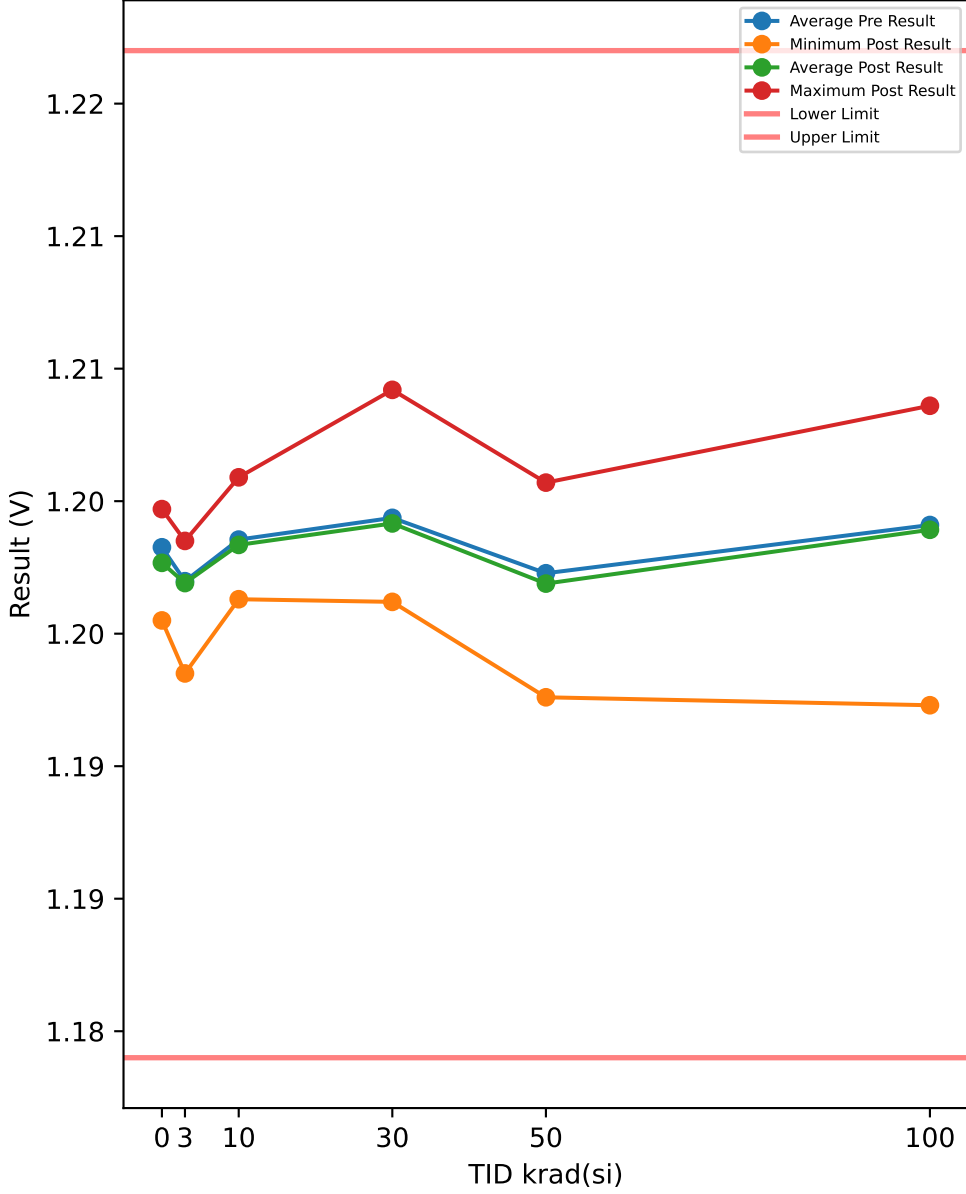


Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9809	2.0338	2.092	0.047258	1.968	2.0293	2.089	0.048223	-0.0129	-0.0045	0.0053	0.0068202
3	1.9922	2.0333	2.126	0.039181	2.0004	2.0404	2.1371	0.039815	0.0009	0.00705	0.0111	0.0034001
10	1.9811	2.0247	2.0943	0.032257	1.9829	2.0272	2.101	0.03253	-0.0068	0.0025	0.0077	0.0046053
30	2.0194	2.0491	2.0966	0.024529	2.0098	2.0455	2.0962	0.02681	-0.0177	-0.00359	0.0052	0.0082129
50	1.9451	2.0222	2.0686	0.034671	1.9408	2.0136	2.0448	0.033851	-0.0705	-0.00859	0.0557	0.030725
100	1.9964	2.0357	2.0832	0.029292	1.9886	2.0169	2.0596	0.025938	-0.0255	-0.01885	-0.0078	0.006204

Device Test: 12.10 LEVEL|STATIC/REFCAP/5////@VBANDGAP

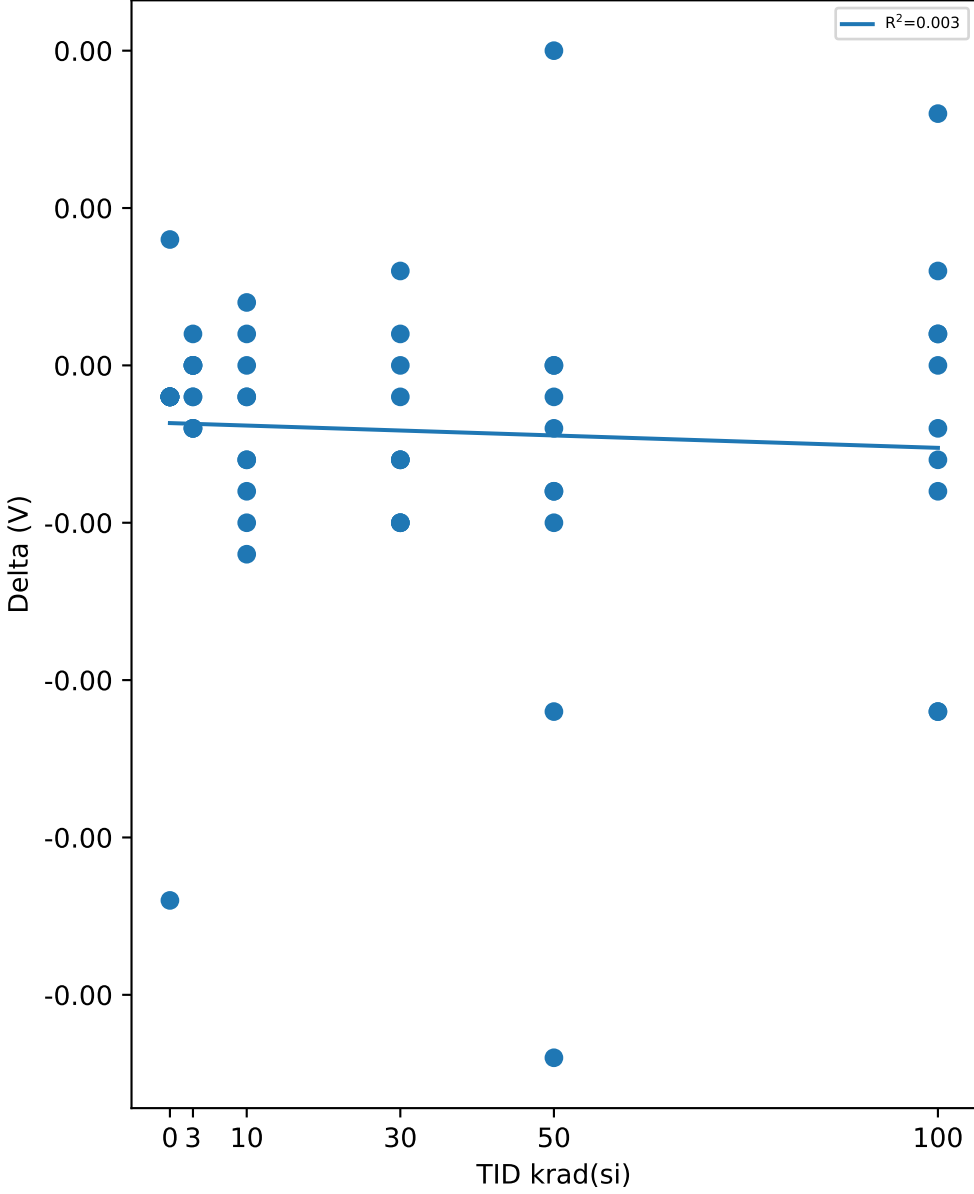
TID vs Result Stats



Test Results (Lower Limit = 1.184, Upper Limit = 1.222 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.2036	1.2019	-0.0017
516	0	CORRELATION	1.2028	1.2032	0.0004
721	0	CORRELATION	1.2048	1.2047	-0.0001
723	0	CORRELATION	1.2045	1.2044	-0.0001
729	0	CORRELATION	1.2006	1.2005	-0.0001
1000	3	Unbiased	1.1986	1.1985	-0.0001
1001	3	Unbiased	1.2036	1.2034	-0.0002
1002	3	Unbiased	1.2036	1.2034	-0.0002
1003	3	Unbiased	1.2036	1.2034	-0.0002
1004	3	Unbiased	1.2005	1.2005	0
1005	3	Biased	1.203	1.203	0
1006	3	Biased	1.2034	1.2035	0.0001
1007	3	Biased	1.2031	1.203	-0.0001
1008	3	Biased	1.1988	1.1988	0
1009	3	Biased	1.2016	1.2016	0
1010	10	Unbiased	1.2039	1.2041	0.0002
1011	10	Unbiased	1.2065	1.2059	-0.0006
1012	10	Unbiased	1.2029	1.2025	-0.0004
1013	10	Unbiased	1.2029	1.2029	0
1014	10	Unbiased	1.2016	1.2013	-0.0003
1015	10	Biased	1.2022	1.2019	-0.0003
1016	10	Biased	1.2042	1.2041	-0.0001
1017	10	Biased	1.2056	1.2051	-0.0005
1018	10	Biased	1.202	1.2021	0.0001
1019	10	Biased	1.2037	1.2036	-0.0001
1020	30	Unbiased	1.2017	1.2012	-0.0005
1021	30	Unbiased	1.2047	1.2044	-0.0003
1022	30	Unbiased	1.2035	1.203	-0.0005
1023	30	Unbiased	1.2039	1.2036	-0.0003
1024	30	Unbiased	1.2095	1.2092	-0.0003
1025	30	Biased	1.2031	1.2034	0.0003
1026	30	Biased	1.2021	1.202	-0.0001
1027	30	Biased	1.2078	1.2079	0.0001
1028	30	Biased	1.2023	1.2018	-0.0005
1029	30	Biased	1.2051	1.2051	0
1030	50	Unbiased	1.2029	1.2028	-0.0001
1031	50	Unbiased	1.2048	1.2044	-0.0004
1032	50	Unbiased	1.2057	1.2057	0
1033	50	Unbiased	1.1987	1.1976	-0.0011
1034	50	Unbiased	1.1986	1.1982	-0.0004
1035	50	Biased-84Hr-Anneal	1.2048	1.2046	-0.0002
1036	50	Biased-84Hr-Anneal	1.2016	1.2016	0
1037	50	Biased-84Hr-Anneal	1.2011	1.2006	-0.0005
1038	50	Biased-84Hr-Anneal	1.2017	1.2027	0.001
1039	50	Biased-84Hr-Anneal	1.2029	1.2007	-0.0022
1040	100	Unbiased-168Hr-Anneal	1.1991	1.1994	0.0003
1041	100	Unbiased-168Hr-Anneal	1.2072	1.2068	-0.0004
1042	100	Unbiased-168Hr-Anneal	1.2086	1.2086	0
1043	100	Unbiased-168Hr-Anneal	1.2064	1.2061	-0.0003
1044	100	Unbiased-168Hr-Anneal	1.2034	1.2023	-0.0011
1045	100	Biased-168Hr-Anneal	1.2057	1.2055	-0.0002
1046	100	Biased-168Hr-Anneal	1.2045	1.2046	0.0001
1047	100	Biased-168Hr-Anneal	1.1984	1.1973	-0.0011
1048	100	Biased-168Hr-Anneal	1.2046	1.2054	0.0008
1049	100	Biased-168Hr-Anneal	1.2031	1.2032	0.0001

TID vs Post - Pre Exposure Delta

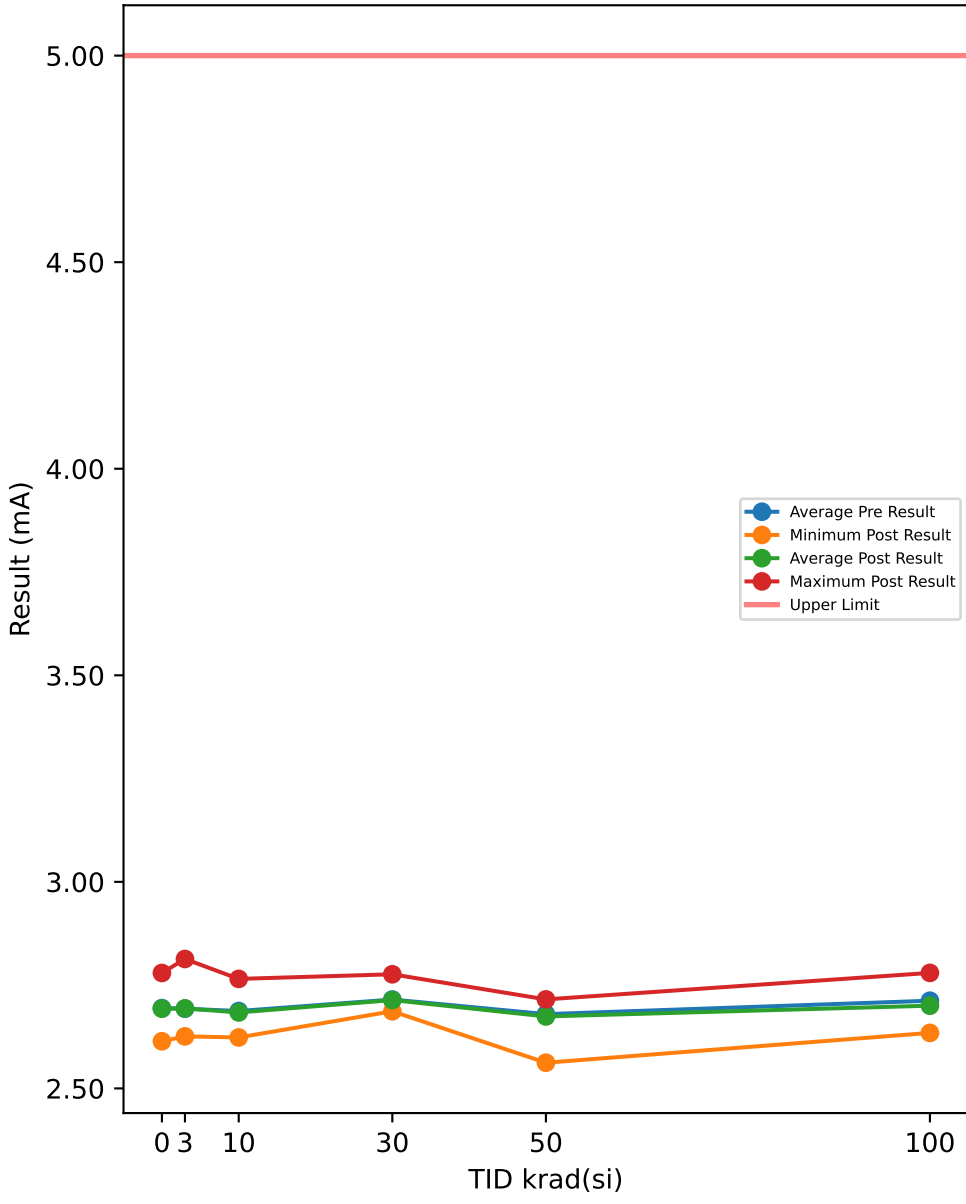


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2006	1.2033	1.2048	0.0016817	1.2005	1.2029	1.2047	0.0017558	-0.0017	-0.00032	0.0004	0.00080125
3	1.1986	1.202	1.2036	0.0020016	1.1985	1.2019	1.2035	0.0019706	-0.0002	-7e-05	0.0001	0.00010593
10	1.2016	1.2035	1.2065	0.0015757	1.2013	1.2033	1.2059	0.0014737	-0.0006	-0.0002	0.0002	0.00026247
30	1.2017	1.2044	1.2095	0.002536	1.2012	1.2042	1.2092	0.0026154	-0.0005	-0.00021	0.0003	0.00027669
50	1.1986	1.2023	1.2057	0.002443	1.1976	1.2019	1.2057	0.0026839	-0.0022	-0.00039	0.001	0.00082657
100	1.1984	1.2041	1.2086	0.0032846	1.1973	1.2039	1.2086	0.003456	-0.0011	-0.00018	0.0008	0.00059029

Device Test: 12.13 IQ|STATIC/VIN/12////@IQ_VIN

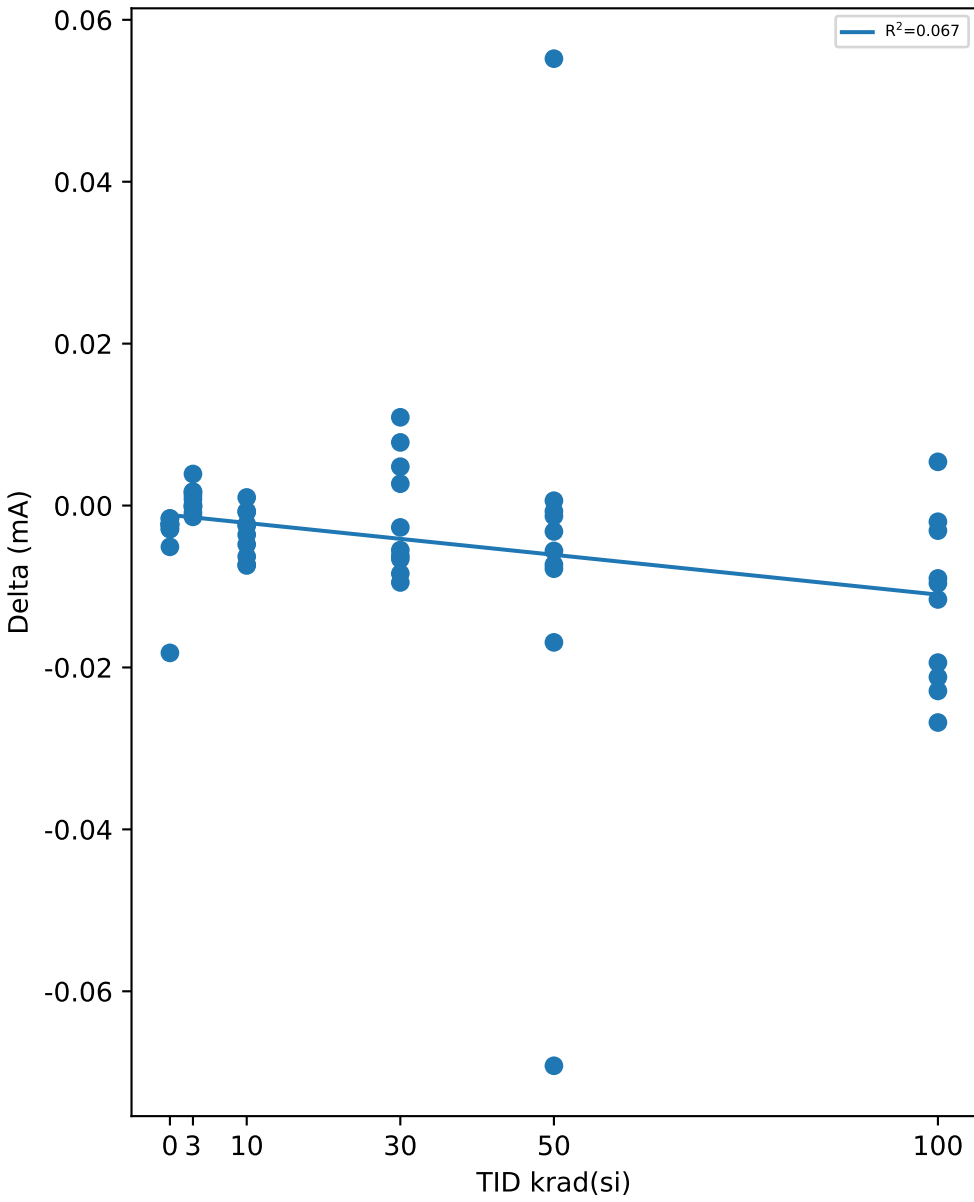
TID vs Result Stats



Test Results (Upper Limit = 5.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.6377	2.6195	-0.0182
516	0	CORRELATION	2.7131	2.708	-0.0051
721	0	CORRELATION	2.7231	2.7209	-0.0022
723	0	CORRELATION	2.781	2.7794	-0.0016
729	0	CORRELATION	2.617	2.6147	-0.0023
1000	3	Unbiased	2.6902	2.6893	-0.0009
1001	3	Unbiased	2.6725	2.6742	0.0017
1002	3	Unbiased	2.7197	2.7236	0.0039
1003	3	Unbiased	2.6259	2.626	0.0001
1004	3	Unbiased	2.6307	2.6306	-0.0001
1005	3	Biased	2.7109	2.7107	-0.0002
1006	3	Biased	2.6767	2.678	0.0013
1007	3	Biased	2.7383	2.7391	0.0008
1008	3	Biased	2.8116	2.8133	0.0017
1009	3	Biased	2.6535	2.6521	-0.0014
1010	10	Unbiased	2.6282	2.6234	-0.0048
1011	10	Unbiased	2.682	2.6757	-0.0063
1012	10	Unbiased	2.6782	2.6775	-0.0007
1013	10	Unbiased	2.7641	2.7651	0.001
1014	10	Unbiased	2.7076	2.7053	-0.0023
1015	10	Biased	2.6999	2.6925	-0.0074
1016	10	Biased	2.6906	2.6881	-0.0025
1017	10	Biased	2.6828	2.6755	-0.0073
1018	10	Biased	2.6385	2.6349	-0.0036
1019	10	Biased	2.7016	2.7008	-0.0008
1020	30	Unbiased	2.7156	2.7072	-0.0084
1021	30	Unbiased	2.6758	2.6867	0.0109
1022	30	Unbiased	2.6865	2.6943	0.0078
1023	30	Unbiased	2.6944	2.6882	-0.0062
1024	30	Unbiased	2.6959	2.6893	-0.0066
1025	30	Biased	2.7286	2.7313	0.0027
1026	30	Biased	2.6904	2.6877	-0.0027
1027	30	Biased	2.7649	2.7697	0.0048
1028	30	Biased	2.7818	2.7763	-0.0055
1029	30	Biased	2.7175	2.708	-0.0095
1030	50	Unbiased	2.6699	2.6621	-0.0078
1031	50	Unbiased	2.5616	2.5622	0.0006
1032	50	Unbiased	2.7324	2.7155	-0.0169
1033	50	Unbiased	2.6627	2.6554	-0.0073
1034	50	Unbiased	2.6981	2.6974	-0.0007
1035	50	Biased-84Hr-Anneal	2.6881	2.6825	-0.0056
1036	50	Biased-84Hr-Anneal	2.7011	2.6979	-0.0032
1037	50	Biased-84Hr-Anneal	2.7066	2.7053	-0.0013
1038	50	Biased-84Hr-Anneal	2.7223	2.6531	-0.0692
1039	50	Biased-84Hr-Anneal	2.6554	2.7106	0.0552
1040	100	Unbiased-168Hr-Anneal	2.6984	2.6894	-0.009
1041	100	Unbiased-168Hr-Anneal	2.7765	2.7553	-0.0212
1042	100	Unbiased-168Hr-Anneal	2.7334	2.7303	-0.0031
1043	100	Unbiased-168Hr-Anneal	2.659	2.6494	-0.0096
1044	100	Unbiased-168Hr-Anneal	2.6718	2.6524	-0.0194
1045	100	Biased-168Hr-Anneal	2.7331	2.7063	-0.0268
1046	100	Biased-168Hr-Anneal	2.7432	2.7203	-0.0229
1047	100	Biased-168Hr-Anneal	2.629	2.6344	0.0054
1048	100	Biased-168Hr-Anneal	2.7912	2.7796	-0.0116
1049	100	Biased-168Hr-Anneal	2.6871	2.6851	-0.002

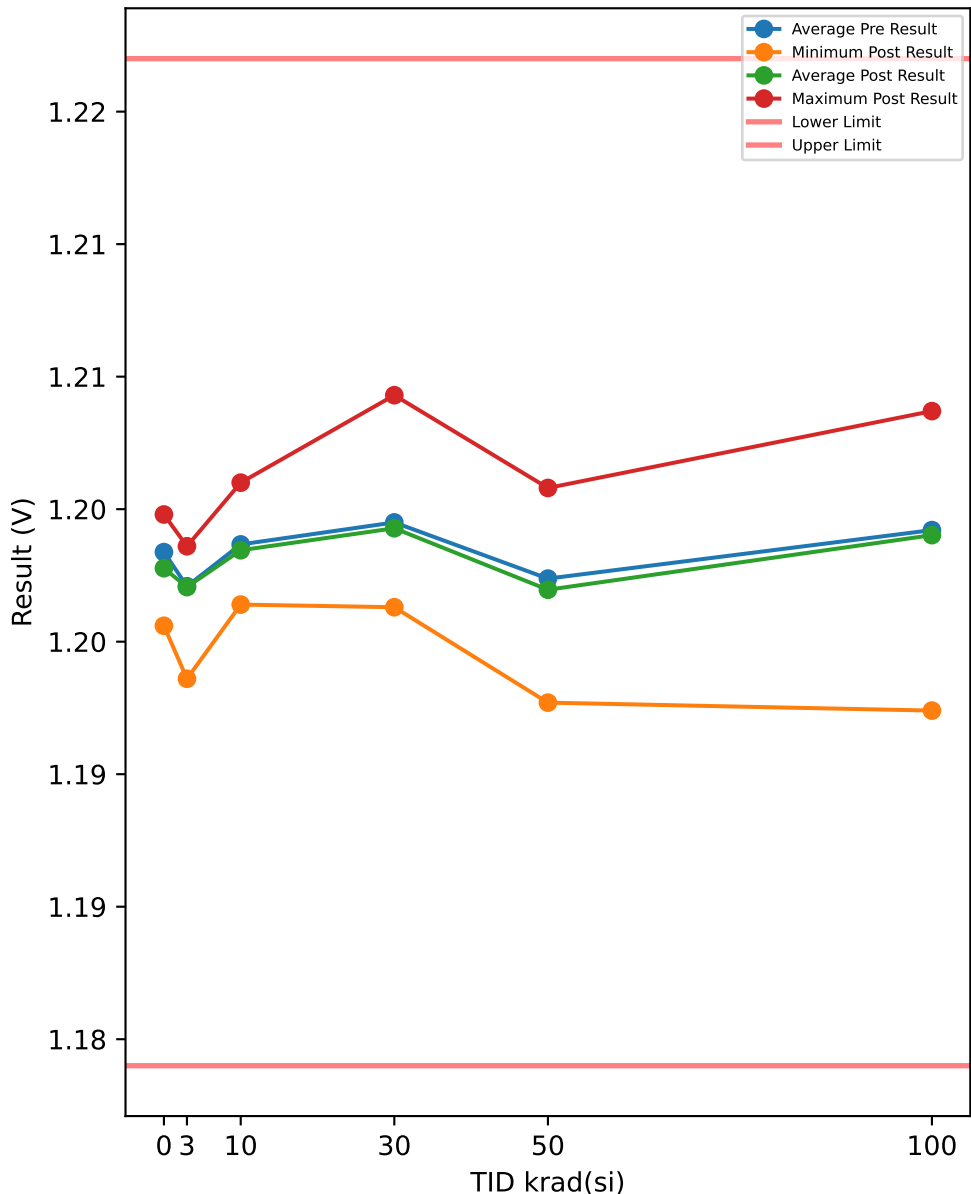
TID vs Post - Pre Exposure Delta



Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.617	2.6944	2.781	0.066855	2.6147	2.6885	2.7794	0.070534	-0.0182	-0.00588	-0.0016	0.007019
3	2.6259	2.693	2.8116	0.055567	2.626	2.6937	2.8133	0.056263	-0.0014	0.00069	0.0039	0.0015416
10	2.6282	2.6873	2.7641	0.03755	2.6234	2.6839	2.7651	0.038971	-0.0074	-0.00347	0.001	0.002925
30	2.6758	2.7151	2.7818	0.03478	2.6867	2.7139	2.7763	0.034101	-0.0095	-0.00127	0.0109	0.0072587
50	2.5616	2.6798	2.7324	0.048426	2.5622	2.6742	2.7155	0.045529	-0.0692	-0.00562	0.0552	0.029747
100	2.629	2.7123	2.7912	0.052098	2.6344	2.7003	2.7796	0.047408	-0.0268	-0.01202	0.0054	0.010404

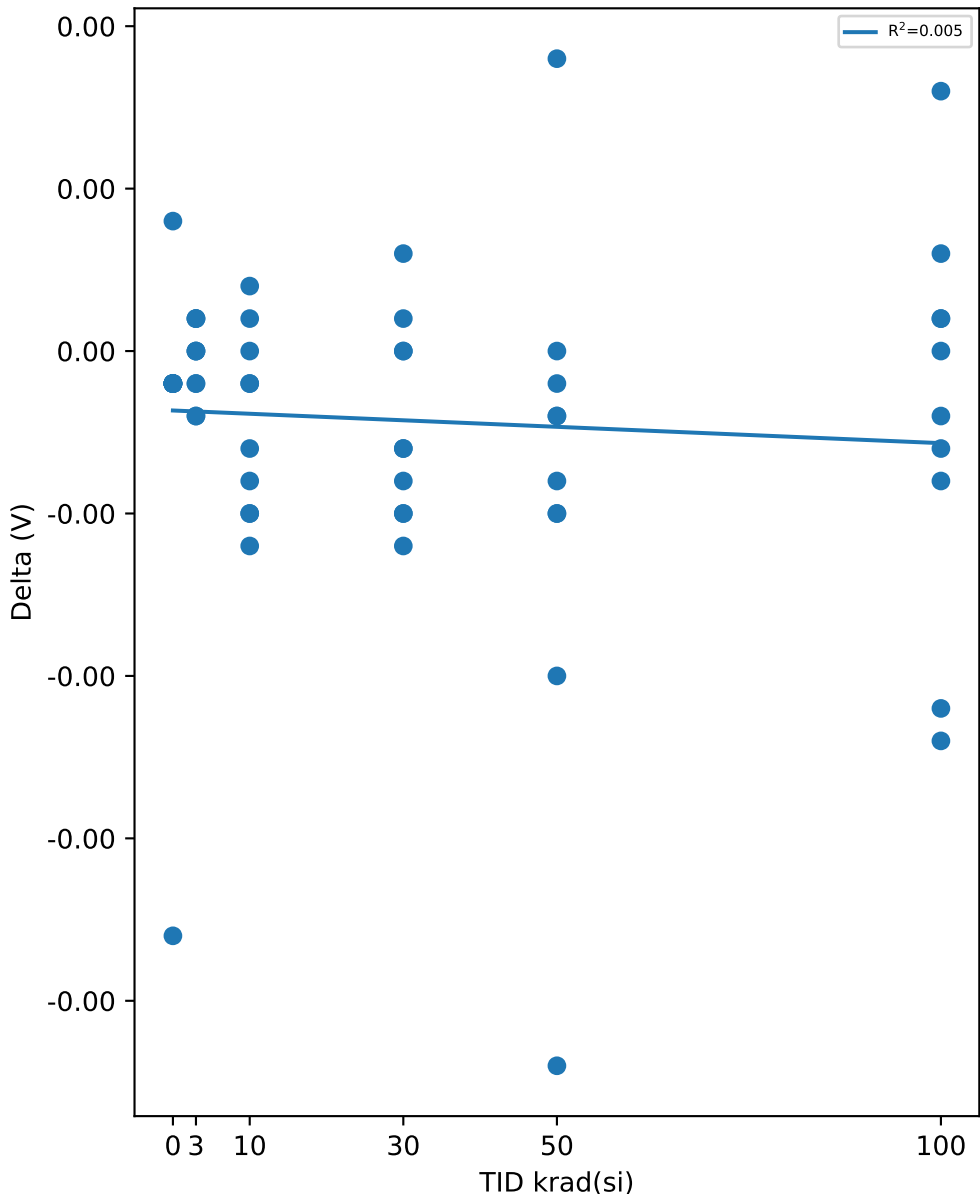
TID vs Result Stats



Test Results (Lower Limit = 1.184, Upper Limit = 1.222 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.2038	1.202	-0.0018
516	0	CORRELATION	1.2029	1.2033	0.0004
721	0	CORRELATION	1.2049	1.2048	-0.0001
723	0	CORRELATION	1.2046	1.2045	-0.0001
729	0	CORRELATION	1.2007	1.2006	-0.0001
1000	3	Unbiased	1.1987	1.1986	-0.0001
1001	3	Unbiased	1.2037	1.2035	-0.0002
1002	3	Unbiased	1.2037	1.2036	-0.0001
1003	3	Unbiased	1.2037	1.2035	-0.0002
1004	3	Unbiased	1.2006	1.2006	0
1005	3	Biased	1.2031	1.2032	0.0001
1006	3	Biased	1.2035	1.2036	0.0001
1007	3	Biased	1.2032	1.2032	0
1008	3	Biased	1.1989	1.199	0.0001
1009	3	Biased	1.2018	1.2018	0
1010	10	Unbiased	1.204	1.2042	0.0002
1011	10	Unbiased	1.2066	1.206	-0.0006
1012	10	Unbiased	1.2031	1.2026	-0.0005
1013	10	Unbiased	1.203	1.203	0
1014	10	Unbiased	1.2017	1.2014	-0.0003
1015	10	Biased	1.2024	1.202	-0.0004
1016	10	Biased	1.2043	1.2042	-0.0001
1017	10	Biased	1.2057	1.2052	-0.0005
1018	10	Biased	1.2021	1.2022	0.0001
1019	10	Biased	1.2038	1.2037	-0.0001
1020	30	Unbiased	1.2019	1.2013	-0.0006
1021	30	Unbiased	1.2049	1.2045	-0.0004
1022	30	Unbiased	1.2036	1.2031	-0.0005
1023	30	Unbiased	1.204	1.2037	-0.0003
1024	30	Unbiased	1.2096	1.2093	-0.0003
1025	30	Biased	1.2032	1.2035	0.0003
1026	30	Biased	1.2022	1.2022	0
1027	30	Biased	1.2079	1.208	0.0001
1028	30	Biased	1.2025	1.202	-0.0005
1029	30	Biased	1.2052	1.2052	0
1030	50	Unbiased	1.203	1.2028	-0.0002
1031	50	Unbiased	1.2049	1.2044	-0.0005
1032	50	Unbiased	1.2059	1.2058	-0.0001
1033	50	Unbiased	1.1987	1.1977	-0.001
1034	50	Unbiased	1.1987	1.1983	-0.0004
1035	50	Biased-84Hr-Anneal	1.2049	1.2047	-0.0002
1036	50	Biased-84Hr-Anneal	1.2017	1.2017	0
1037	50	Biased-84Hr-Anneal	1.2012	1.2007	-0.0005
1038	50	Biased-84Hr-Anneal	1.2018	1.2027	0.0009
1039	50	Biased-84Hr-Anneal	1.203	1.2008	-0.0022
1040	100	Unbiased-168Hr-Anneal	1.1992	1.1995	0.0003
1041	100	Unbiased-168Hr-Anneal	1.2073	1.2069	-0.0004
1042	100	Unbiased-168Hr-Anneal	1.2087	1.2087	0
1043	100	Unbiased-168Hr-Anneal	1.2065	1.2062	-0.0003
1044	100	Unbiased-168Hr-Anneal	1.2035	1.2024	-0.0011
1045	100	Biased-168Hr-Anneal	1.2058	1.2056	-0.0002
1046	100	Biased-168Hr-Anneal	1.2046	1.2047	0.0001
1047	100	Biased-168Hr-Anneal	1.1986	1.1974	-0.0012
1048	100	Biased-168Hr-Anneal	1.2047	1.2055	0.0008
1049	100	Biased-168Hr-Anneal	1.2032	1.2033	0.0001

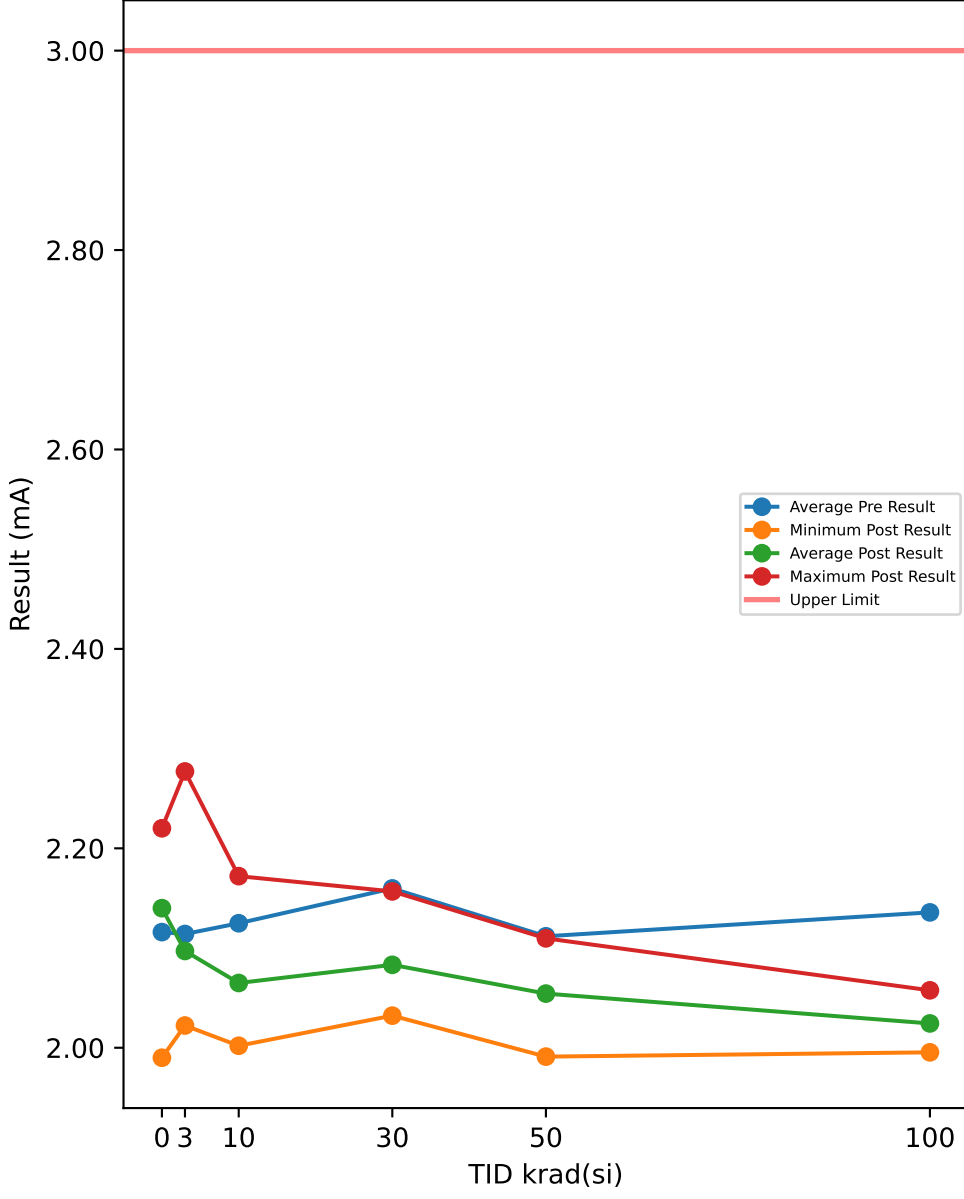
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2007	1.2034	1.2049	0.0016873	1.2006	1.203	1.2048	0.0017558	-0.0018	-0.00034	0.0004	0.00084439
3	1.1987	1.2021	1.2037	0.0019997	1.1986	1.2021	1.2036	0.0019727	-0.0002	-3e-05	0.0001	0.00011595
10	1.2017	1.2037	1.2066	0.0015621	1.2014	1.2034	1.206	0.0014737	-0.0006	-0.00022	0.0002	0.00027809
30	1.2019	1.2045	1.2096	0.0025171	1.2013	1.2043	1.2093	0.0025965	-0.0006	-0.00022	0.0003	0.00030111
50	1.1987	1.2024	1.2059	0.0024751	1.1977	1.202	1.2058	0.0026667	-0.0022	-0.00042	0.0009	0.00079134
100	1.1986	1.2042	1.2087	0.0032655	1.1974	1.204	1.2087	0.003456	-0.0012	-0.00019	0.0008	0.00060818

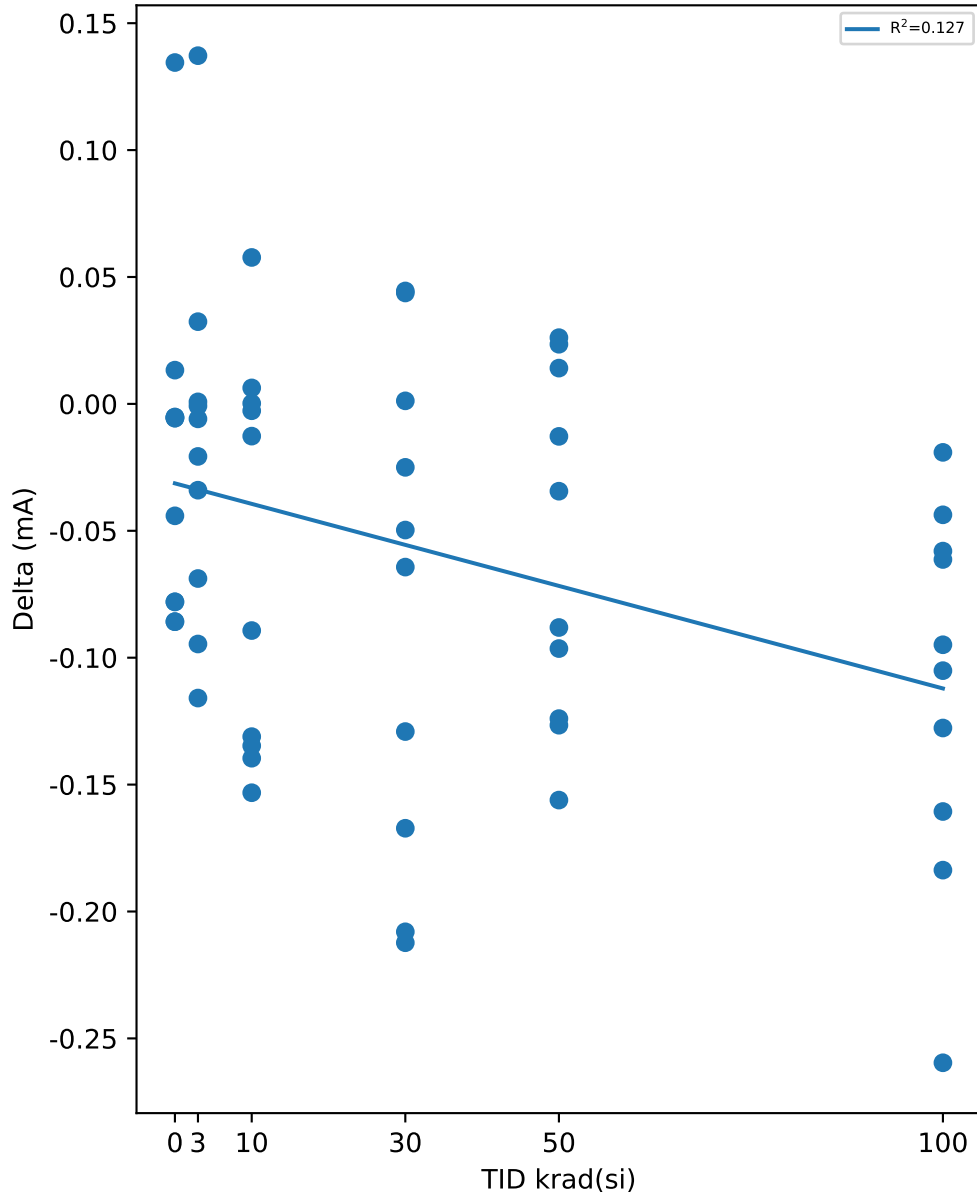
TID vs Result Stats



Test Results (Upper Limit = 3.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.0341	1.99	-0.0441
516	0	CORRELATION	2.0584	2.0717	0.0133
721	0	CORRELATION	2.0856	2.2201	0.1345
723	0	CORRELATION	2.2405	2.1625	-0.078
729	0	CORRELATION	2.1613	2.1557	-0.0056
1000	3	Unbiased	2.0887	2.0547	-0.034
1001	3	Unbiased	2.179	2.1731	-0.0059
1002	3	Unbiased	2.0643	2.0635	-0.0008
1003	3	Unbiased	2.0164	2.0488	0.0324
1004	3	Unbiased	2.0911	2.0223	-0.0688
1005	3	Biased	2.2197	2.1038	-0.1159
1006	3	Biased	2.0667	2.0675	0.0008
1007	3	Biased	2.1584	2.0638	-0.0946
1008	3	Biased	2.1399	2.2771	0.1372
1009	3	Biased	2.1166	2.0959	-0.0207
1010	10	Unbiased	1.9978	2.0555	0.0577
1011	10	Unbiased	2.0232	2.0105	-0.0127
1012	10	Unbiased	2.1894	2.0547	-0.1347
1013	10	Unbiased	2.1719	2.1721	0.0002
1014	10	Unbiased	2.2132	2.0821	-0.1311
1015	10	Biased	2.1255	2.0362	-0.0893
1016	10	Biased	2.0566	2.0629	0.0063
1017	10	Biased	2.2334	2.0802	-0.1532
1018	10	Biased	2.0047	2.002	-0.0027
1019	10	Biased	2.2329	2.0933	-0.1396
1020	30	Unbiased	2.21	2.0428	-0.1672
1021	30	Unbiased	2.1028	2.0778	-0.025
1022	30	Unbiased	2.031	2.0322	0.0012
1023	30	Unbiased	2.1134	2.0637	-0.0497
1024	30	Unbiased	2.2186	2.0895	-0.1291
1025	30	Biased	2.0763	2.1208	0.0445
1026	30	Biased	2.1041	2.0398	-0.0643
1027	30	Biased	2.3322	2.1199	-0.2123
1028	30	Biased	2.1131	2.1568	0.0437
1029	30	Biased	2.2963	2.0883	-0.208
1030	50	Unbiased	2.0389	2.065	0.0261
1031	50	Unbiased	2.1151	1.9911	-0.124
1032	50	Unbiased	2.1043	2.0699	-0.0344
1033	50	Unbiased	2.1892	2.0331	-0.1561
1034	50	Unbiased	2.0477	2.0349	-0.0128
1035	50	Biased-84Hr-Anneal	2.0611	2.0752	0.0141
1036	50	Biased-84Hr-Anneal	2.1978	2.1097	-0.0881
1037	50	Biased-84Hr-Anneal	2.196	2.0694	-0.1266
1038	50	Biased-84Hr-Anneal	2.1416	2.0452	-0.0964
1039	50	Biased-84Hr-Anneal	2.0261	2.0496	0.0235
1040	100	Unbiased-168Hr-Anneal	2.1757	2.0151	-0.1606
1041	100	Unbiased-168Hr-Anneal	2.0835	2.0398	-0.0437
1042	100	Unbiased-168Hr-Anneal	2.073	2.0539	-0.0191
1043	100	Unbiased-168Hr-Anneal	2.1827	1.999	-0.1837
1044	100	Unbiased-168Hr-Anneal	2.0619	2.0039	-0.058
1045	100	Biased-168Hr-Anneal	2.1649	2.0372	-0.1277
1046	100	Biased-168Hr-Anneal	2.0898	2.0285	-0.0613
1047	100	Biased-168Hr-Anneal	2.1005	1.9954	-0.1051
1048	100	Biased-168Hr-Anneal	2.3172	2.0576	-0.2596
1049	100	Biased-168Hr-Anneal	2.1084	2.0135	-0.0949

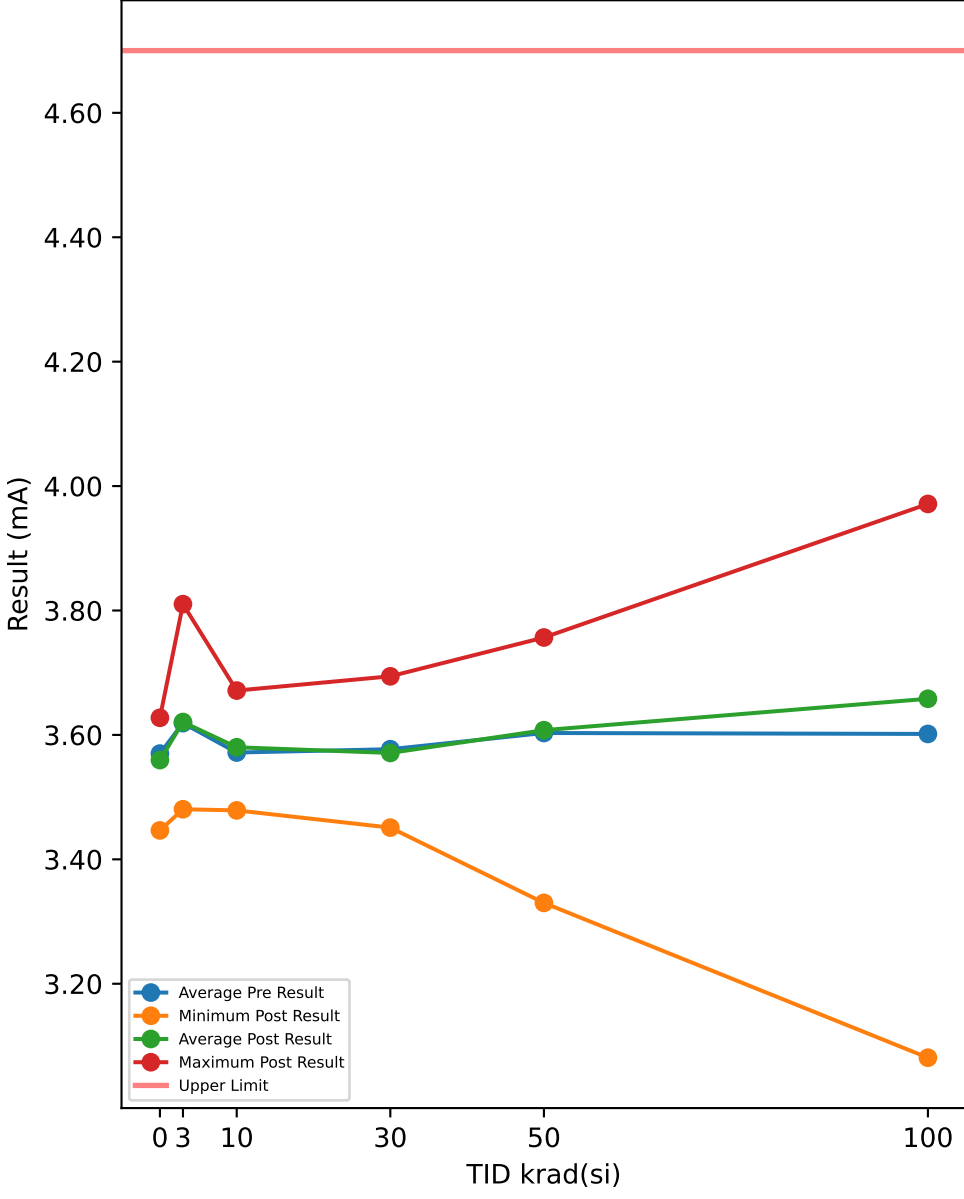
TID vs Post - Pre Exposure Delta



Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.0341	2.116	2.2405	0.084412	1.99	2.12	2.2201	0.089908	-0.078	0.00402	0.1345	0.081004
3	2.0164	2.1141	2.2197	0.060959	2.0223	2.0971	2.2771	0.075323	-0.1159	-0.01703	0.1372	0.071266
10	1.9978	2.1249	2.2334	0.096156	2.002	2.065	2.1721	0.048033	-0.1532	-0.05991	0.0577	0.077395
30	2.031	2.1598	2.3322	0.099207	2.0322	2.0832	2.1568	0.04051	-0.2123	-0.07662	0.0445	0.097395
50	2.0261	2.1118	2.1978	0.067305	1.9911	2.0543	2.1097	0.031652	-0.1561	-0.05747	0.0261	0.06878
100	2.0619	2.1358	2.3172	0.077314	1.9954	2.0244	2.0576	0.022366	-0.2596	-0.11137	-0.0191	0.073525

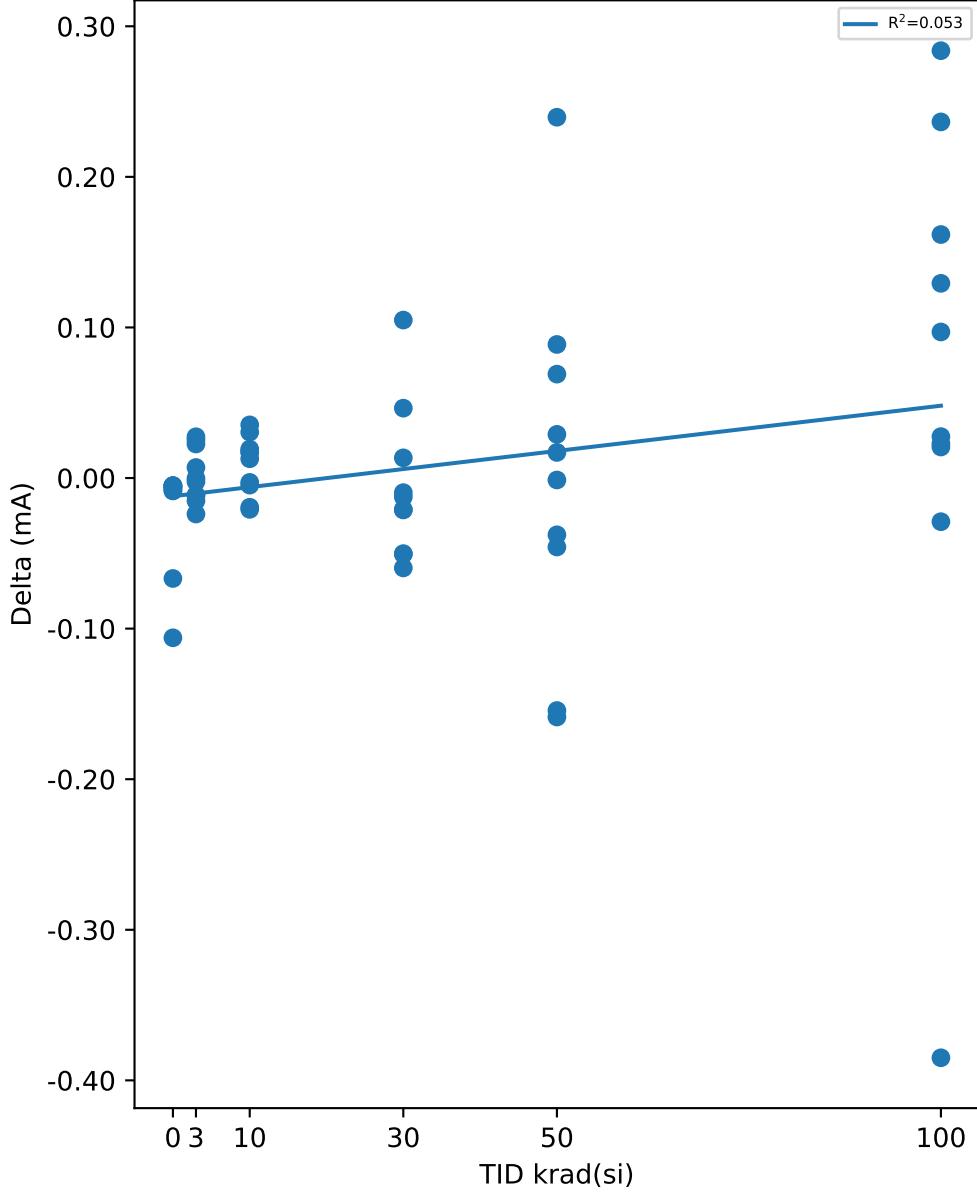
TID vs Result Stats



Test Results (Upper Limit = 4.7 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.5526	3.4465	-0.1061
516	0	CORRELATION	3.5443	3.4776	-0.0667
721	0	CORRELATION	3.5748	3.5697	-0.0051
723	0	CORRELATION	3.6343	3.6275	-0.0068
729	0	CORRELATION	3.5439	3.5385	-0.0054
1000	3	Unbiased	3.6112	3.611	-0.0002
1001	3	Unbiased	3.4989	3.4838	-0.0151
1002	3	Unbiased	3.7706	3.7932	0.0226
1003	3	Unbiased	3.6673	3.6434	-0.0239
1004	3	Unbiased	3.5485	3.5461	-0.0024
1005	3	Biased	3.7849	3.8102	0.0253
1006	3	Biased	3.5793	3.5863	0.007
1007	3	Biased	3.6412	3.6686	0.0274
1008	3	Biased	3.4919	3.4805	-0.0114
1009	3	Biased	3.5957	3.5842	-0.0115
1010	10	Unbiased	3.5544	3.5515	-0.0029
1011	10	Unbiased	3.5056	3.5184	0.0128
1012	10	Unbiased	3.4618	3.4787	0.0169
1013	10	Unbiased	3.5368	3.5546	0.0178
1014	10	Unbiased	3.6058	3.6411	0.0353
1015	10	Biased	3.5919	3.6224	0.0305
1016	10	Biased	3.6521	3.6713	0.0192
1017	10	Biased	3.6386	3.6192	-0.0194
1018	10	Biased	3.6399	3.6191	-0.0208
1019	10	Biased	3.5299	3.5252	-0.0047
1020	30	Unbiased	3.5893	3.6942	0.1049
1021	30	Unbiased	3.509	3.4584	-0.0506
1022	30	Unbiased	3.5943	3.5846	-0.0097
1023	30	Unbiased	3.5718	3.5509	-0.0209
1024	30	Unbiased	3.6365	3.6829	0.0464
1025	30	Biased	3.5887	3.5675	-0.0212
1026	30	Biased	3.5012	3.451	-0.0502
1027	30	Biased	3.5558	3.5432	-0.0126
1028	30	Biased	3.6565	3.6699	0.0134
1029	30	Biased	3.5672	3.5075	-0.0597
1030	50	Unbiased	3.6727	3.6269	-0.0458
1031	50	Unbiased	3.6199	3.6369	0.017
1032	50	Unbiased	3.6355	3.6645	0.029
1033	50	Unbiased	3.685	3.754	0.069
1034	50	Unbiased	3.6679	3.7566	0.0887
1035	50	Biased-84Hr-Anneal	3.5954	3.5577	-0.0377
1036	50	Biased-84Hr-Anneal	3.6804	3.6791	-0.0013
1037	50	Biased-84Hr-Anneal	3.4844	3.33	-0.1544
1038	50	Biased-84Hr-Anneal	3.417	3.6566	0.2396
1039	50	Biased-84Hr-Anneal	3.5727	3.414	-0.1587
1040	100	Unbiased-168Hr-Anneal	3.5341	3.5569	0.0228
1041	100	Unbiased-168Hr-Anneal	3.7462	3.8432	0.097
1042	100	Unbiased-168Hr-Anneal	3.7348	3.9713	0.2365
1043	100	Unbiased-168Hr-Anneal	3.5842	3.6048	0.0206
1044	100	Unbiased-168Hr-Anneal	3.6896	3.8189	0.1293
1045	100	Biased-168Hr-Anneal	3.6498	3.6208	-0.029
1046	100	Biased-168Hr-Anneal	3.5997	3.8835	0.2838
1047	100	Biased-168Hr-Anneal	3.4661	3.0811	-0.385
1048	100	Biased-168Hr-Anneal	3.4761	3.6378	0.1617
1049	100	Biased-168Hr-Anneal	3.5352	3.5627	0.0275

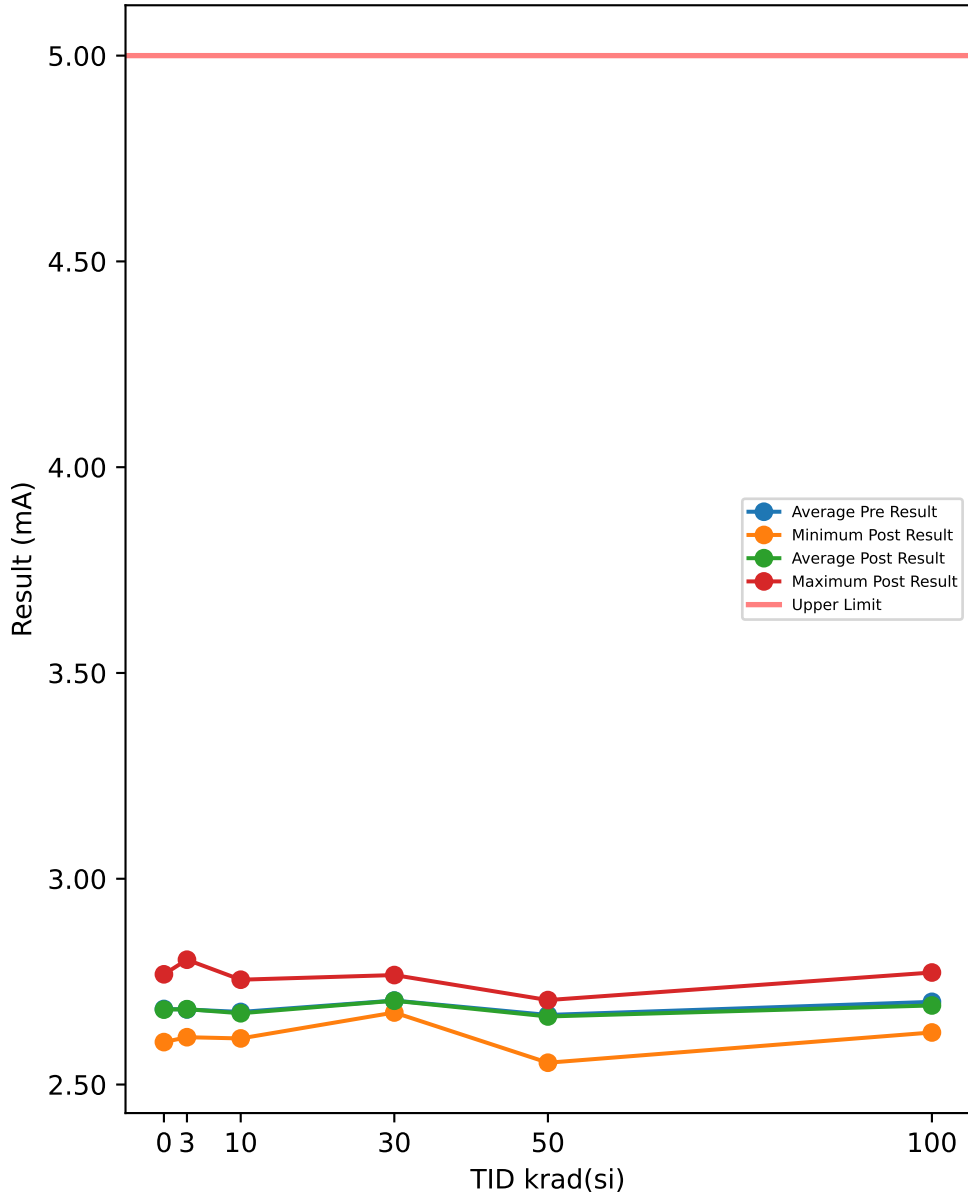
TID vs Post - Pre Exposure Delta



Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5439	3.57	3.6343	0.038085	3.4465	3.532	3.6275	0.072204	-0.1061	-0.03802	-0.0051	0.046314
3	3.4919	3.619	3.7849	0.10059	3.4805	3.6207	3.8102	0.11306	-0.0239	0.00178	0.0274	0.018215
10	3.4618	3.5717	3.6521	0.064008	3.4787	3.5801	3.6713	0.062759	-0.0208	0.00847	0.0353	0.019532
30	3.5012	3.577	3.6565	0.048751	3.451	3.571	3.6942	0.08817	-0.0597	-0.00602	0.1049	0.050286
50	3.417	3.6031	3.685	0.089916	3.33	3.6076	3.7566	0.1385	-0.1587	0.00454	0.2396	0.11714
100	3.4661	3.6016	3.7462	0.10116	3.0811	3.6581	3.9713	0.25076	-0.385	0.05652	0.2838	0.18486

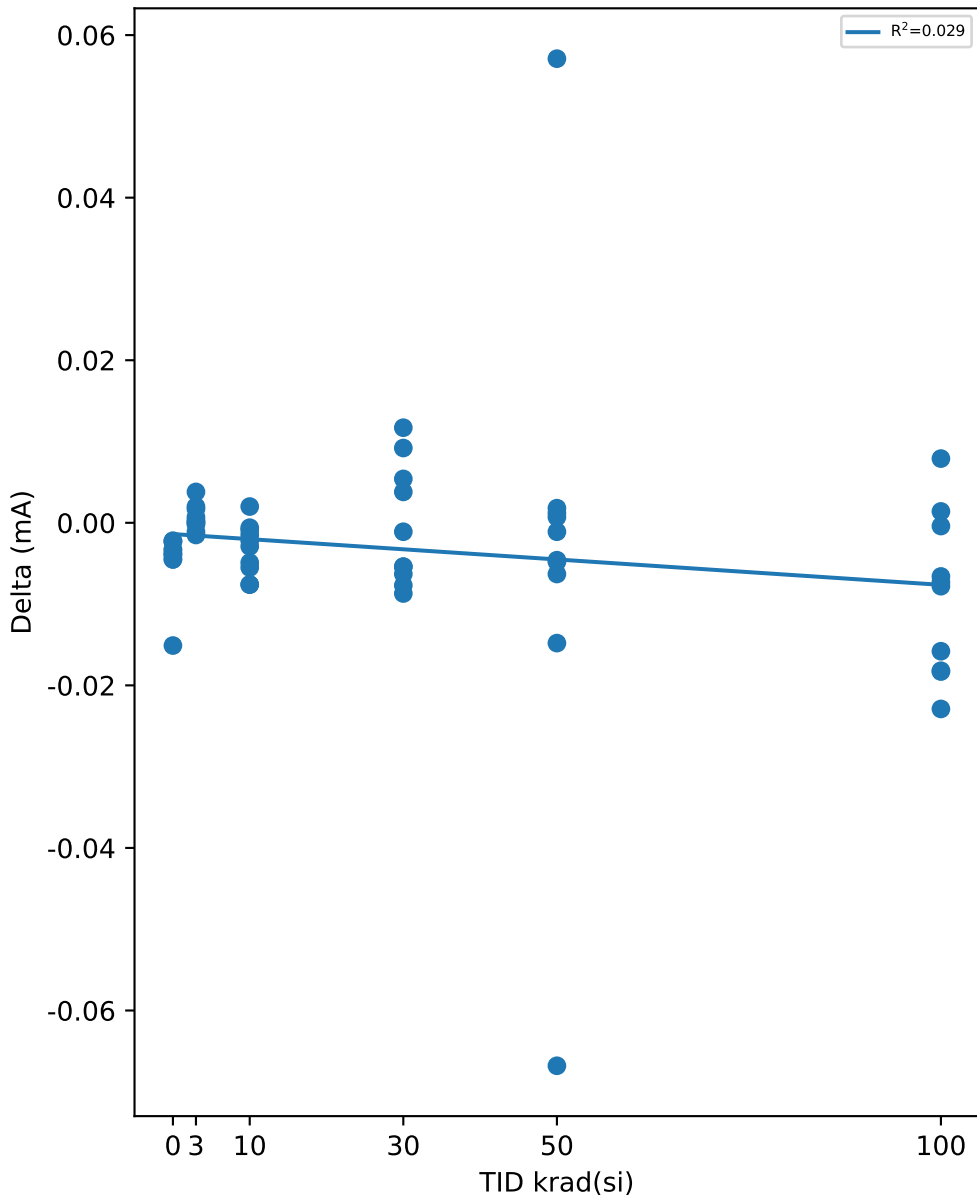
TID vs Result Stats



Test Results (Upper Limit = 5.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.6268	2.6117	-0.0151
516	0	CORRELATION	2.7023	2.6983	-0.004
721	0	CORRELATION	2.7111	2.7089	-0.0022
723	0	CORRELATION	2.7701	2.7678	-0.0023
729	0	CORRELATION	2.6076	2.6038	-0.0038
1000	3	Unbiased	2.6792	2.6781	-0.0011
1001	3	Unbiased	2.6606	2.6626	0.002
1002	3	Unbiased	2.7098	2.7136	0.0038
1003	3	Unbiased	2.6147	2.615	0.0003
1004	3	Unbiased	2.62	2.62	0
1005	3	Biased	2.7014	2.7012	-0.0002
1006	3	Biased	2.6671	2.6672	0.0001
1007	3	Biased	2.7279	2.7286	0.0007
1008	3	Biased	2.8016	2.8033	0.0017
1009	3	Biased	2.6426	2.6411	-0.0015
1010	10	Unbiased	2.6169	2.612	-0.0049
1011	10	Unbiased	2.6708	2.6653	-0.0055
1012	10	Unbiased	2.6675	2.6669	-0.0006
1013	10	Unbiased	2.7527	2.7547	0.002
1014	10	Unbiased	2.6962	2.6947	-0.0015
1015	10	Biased	2.6905	2.6829	-0.0076
1016	10	Biased	2.6792	2.677	-0.0022
1017	10	Biased	2.6721	2.6645	-0.0076
1018	10	Biased	2.6281	2.6252	-0.0029
1019	10	Biased	2.6896	2.6887	-0.0009
1020	30	Unbiased	2.7057	2.698	-0.0077
1021	30	Unbiased	2.6633	2.675	0.0117
1022	30	Unbiased	2.6763	2.6855	0.0092
1023	30	Unbiased	2.6845	2.6782	-0.0063
1024	30	Unbiased	2.6841	2.6787	-0.0054
1025	30	Biased	2.7172	2.721	0.0038
1026	30	Biased	2.6799	2.6788	-0.0011
1027	30	Biased	2.7523	2.7577	0.0054
1028	30	Biased	2.7714	2.766	-0.0054
1029	30	Biased	2.706	2.6973	-0.0087
1030	50	Unbiased	2.6593	2.6547	-0.0046
1031	50	Unbiased	2.5512	2.553	0.0018
1032	50	Unbiased	2.72	2.7052	-0.0148
1033	50	Unbiased	2.6538	2.6475	-0.0063
1034	50	Unbiased	2.6886	2.6898	0.0012
1035	50	Biased-84Hr-Anneal	2.6778	2.673	-0.0048
1036	50	Biased-84Hr-Anneal	2.689	2.6879	-0.0011
1037	50	Biased-84Hr-Anneal	2.6958	2.6965	0.0007
1038	50	Biased-84Hr-Anneal	2.711	2.6442	-0.0668
1039	50	Biased-84Hr-Anneal	2.6444	2.7015	0.0571
1040	100	Unbiased-168Hr-Anneal	2.6891	2.6818	-0.0073
1041	100	Unbiased-168Hr-Anneal	2.7644	2.7461	-0.0183
1042	100	Unbiased-168Hr-Anneal	2.7209	2.7205	-0.0004
1043	100	Unbiased-168Hr-Anneal	2.6482	2.6404	-0.0078
1044	100	Unbiased-168Hr-Anneal	2.6611	2.6453	-0.0158
1045	100	Biased-168Hr-Anneal	2.7207	2.6978	-0.0229
1046	100	Biased-168Hr-Anneal	2.7311	2.7129	-0.0182
1047	100	Biased-168Hr-Anneal	2.6186	2.6265	0.0079
1048	100	Biased-168Hr-Anneal	2.7788	2.7722	-0.0066
1049	100	Biased-168Hr-Anneal	2.6764	2.6778	0.0014

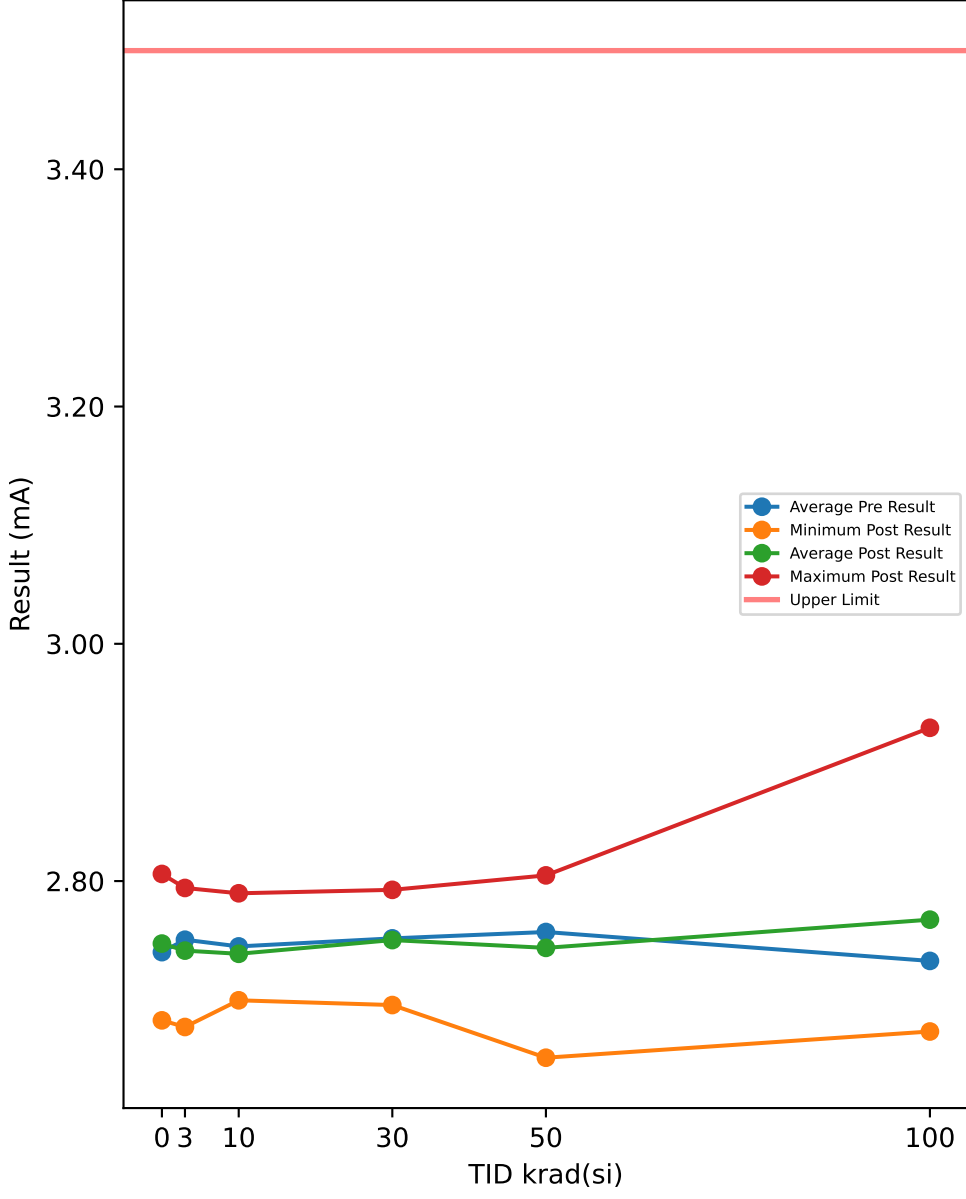
TID vs Post - Pre Exposure Delta



Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6076	2.6836	2.7701	0.066314	2.6038	2.6781	2.7678	0.06952	-0.0151	-0.00548	-0.0022	0.0054412
3	2.6147	2.6825	2.8016	0.055948	2.615	2.6831	2.8033	0.056625	-0.0015	0.00058	0.0038	0.0015655
10	2.6169	2.6764	2.7527	0.037412	2.612	2.6732	2.7547	0.038988	-0.0076	-0.00317	0.002	0.0031616
30	2.6633	2.7041	2.7714	0.034701	2.675	2.7036	2.766	0.033698	-0.0087	-0.00045	0.0117	0.0074334
50	2.5512	2.6691	2.72	0.048018	2.553	2.6653	2.7052	0.045377	-0.0668	-0.00376	0.0571	0.02961
100	2.6186	2.7009	2.7788	0.051293	2.6265	2.6921	2.7722	0.047236	-0.0229	-0.0088	0.0079	0.0099331

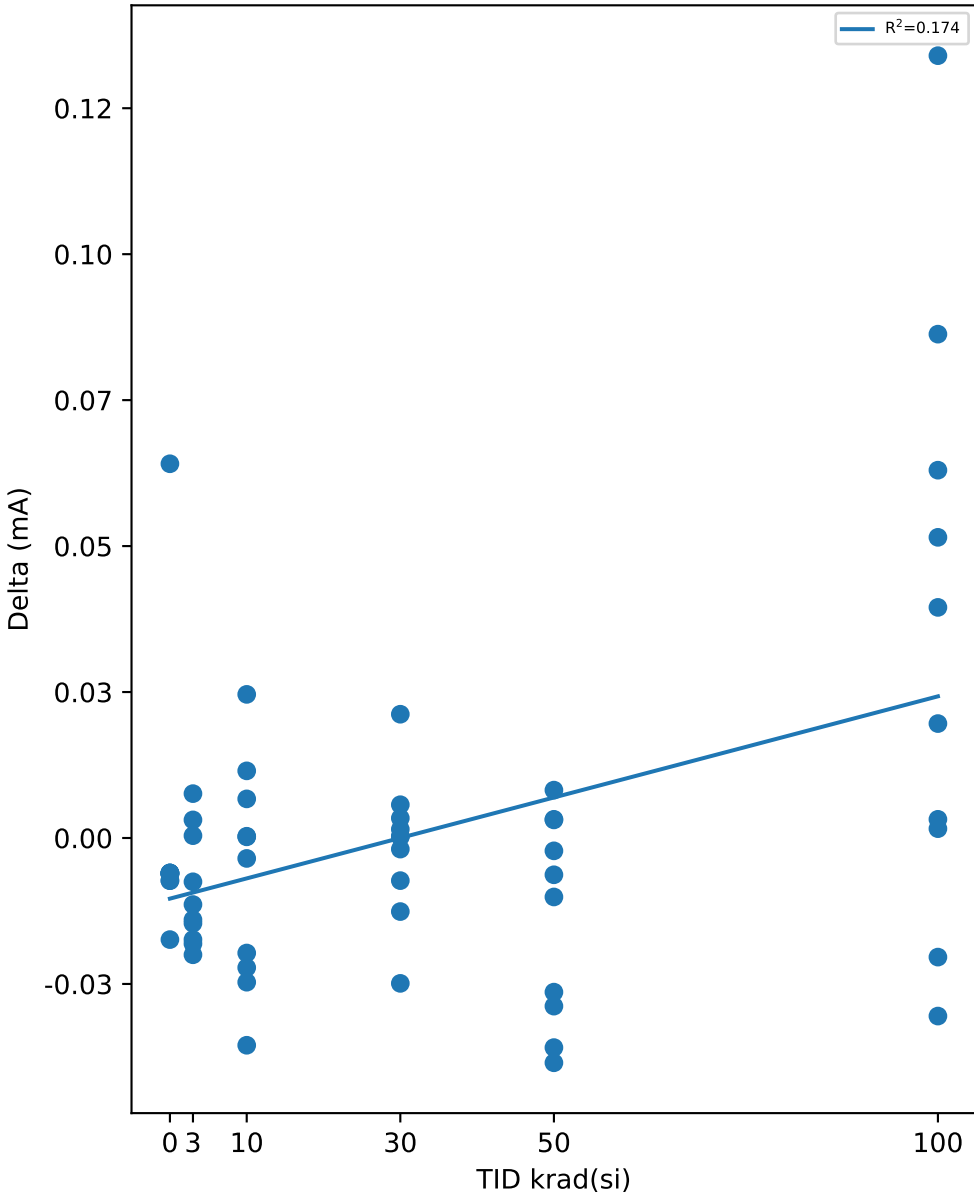
TID vs Result Stats



Test Results (Upper Limit = 3.5 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.7419	2.806	0.0641
516	0	CORRELATION	2.7	2.6826	-0.0174
721	0	CORRELATION	2.7485	2.7423	-0.0062
723	0	CORRELATION	2.7537	2.7477	-0.006
729	0	CORRELATION	2.7564	2.7504	-0.006
1000	3	Unbiased	2.7485	2.7345	-0.014
1001	3	Unbiased	2.6997	2.6851	-0.0146
1002	3	Unbiased	2.752	2.7445	-0.0075
1003	3	Unbiased	2.7963	2.7782	-0.0181
1004	3	Unbiased	2.6884	2.677	-0.0114
1005	3	Biased	2.7423	2.7454	0.0031
1006	3	Biased	2.7542	2.7618	0.0076
1007	3	Biased	2.7938	2.7942	0.0004
1008	3	Biased	2.7201	2.7001	-0.02
1009	3	Biased	2.8104	2.793	-0.0174
1010	10	Unbiased	2.6992	2.6995	0.0003
1011	10	Unbiased	2.757	2.7373	-0.0197
1012	10	Unbiased	2.6888	2.7003	0.0115
1013	10	Unbiased	2.7243	2.7208	-0.0035
1014	10	Unbiased	2.7223	2.729	0.0067
1015	10	Biased	2.7484	2.773	0.0246
1016	10	Biased	2.7794	2.7439	-0.0355
1017	10	Biased	2.7895	2.7897	0.0002
1018	10	Biased	2.7897	2.7675	-0.0222
1019	10	Biased	2.7507	2.726	-0.0247
1020	30	Unbiased	2.7197	2.7231	0.0034
1021	30	Unbiased	2.6952	2.6955	0.0003
1022	30	Unbiased	2.7206	2.7221	0.0015
1023	30	Unbiased	2.7699	2.7573	-0.0126
1024	30	Unbiased	2.779	2.7847	0.0057
1025	30	Biased	2.7392	2.7373	-0.0019
1026	30	Biased	2.766	2.7662	0.0002
1027	30	Biased	2.7471	2.7683	0.0212
1028	30	Biased	2.7999	2.7926	-0.0073
1029	30	Biased	2.7804	2.7555	-0.0249
1030	50	Unbiased	2.8389	2.8004	-0.0385
1031	50	Unbiased	2.7713	2.7744	0.0031
1032	50	Unbiased	2.7407	2.7439	0.0032
1033	50	Unbiased	2.7966	2.8048	0.0082
1034	50	Unbiased	2.7903	2.784	-0.0063
1035	50	Biased-84Hr-Anneal	2.7191	2.6903	-0.0288
1036	50	Biased-84Hr-Anneal	2.8277	2.8013	-0.0264
1037	50	Biased-84Hr-Anneal	2.7204	2.7103	-0.0101
1038	50	Biased-84Hr-Anneal	2.6787	2.6765	-0.0022
1039	50	Biased-84Hr-Anneal	2.687	2.6511	-0.0359
1040	100	Unbiased-168Hr-Anneal	2.7037	2.6732	-0.0305
1041	100	Unbiased-168Hr-Anneal	2.7101	2.6897	-0.0204
1042	100	Unbiased-168Hr-Anneal	2.8124	2.8156	0.0032
1043	100	Unbiased-168Hr-Anneal	2.7061	2.7077	0.0016
1044	100	Unbiased-168Hr-Anneal	2.7656	2.7852	0.0196
1045	100	Biased-168Hr-Anneal	2.7952	2.9292	0.134
1046	100	Biased-168Hr-Anneal	2.743	2.7945	0.0515
1047	100	Biased-168Hr-Anneal	2.7278	2.7673	0.0395
1048	100	Biased-168Hr-Anneal	2.6579	2.7442	0.0863
1049	100	Biased-168Hr-Anneal	2.7052	2.7682	0.063

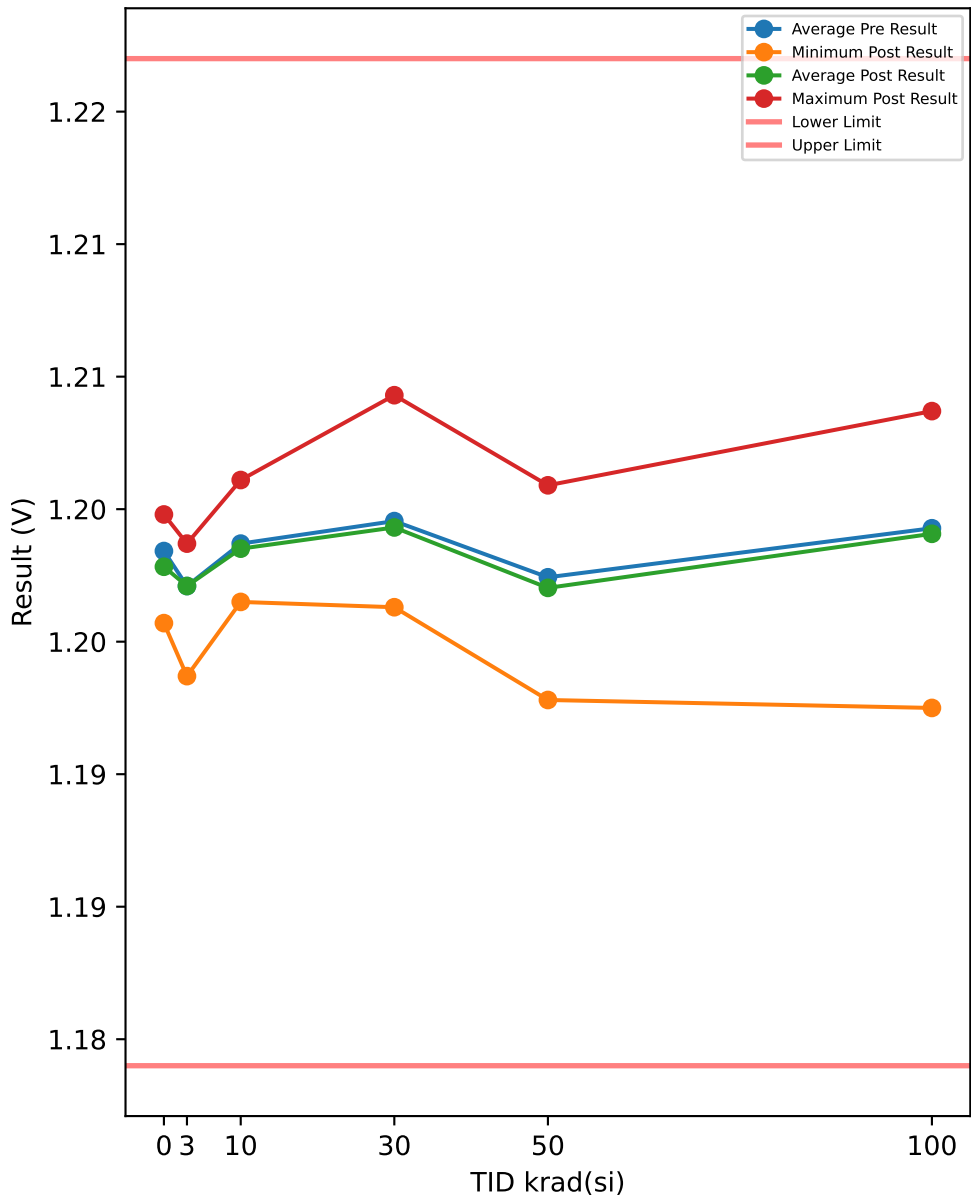
TID vs Post - Pre Exposure Delta



Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.7	2.7401	2.7564	0.023089	2.6826	2.7458	2.806	0.043747	-0.0174	0.0057	0.0641	0.033013
3	2.6884	2.7506	2.8104	0.040837	2.677	2.7414	2.7942	0.042579	-0.02	-0.00919	0.0076	0.0097109
10	2.6888	2.7449	2.7897	0.035823	2.6995	2.7387	2.7897	0.030227	-0.0355	-0.00623	0.0246	0.018731
30	2.6952	2.7517	2.7999	0.032979	2.6955	2.7503	2.7926	0.030428	-0.0249	-0.00144	0.0212	0.012068
50	2.6787	2.7571	2.8389	0.056431	2.6511	2.7437	2.8048	0.057629	-0.0385	-0.01337	0.0082	0.01746
100	2.6579	2.7327	2.8124	0.047001	2.6732	2.7675	2.9292	0.07346	-0.0305	0.03478	0.134	0.050807

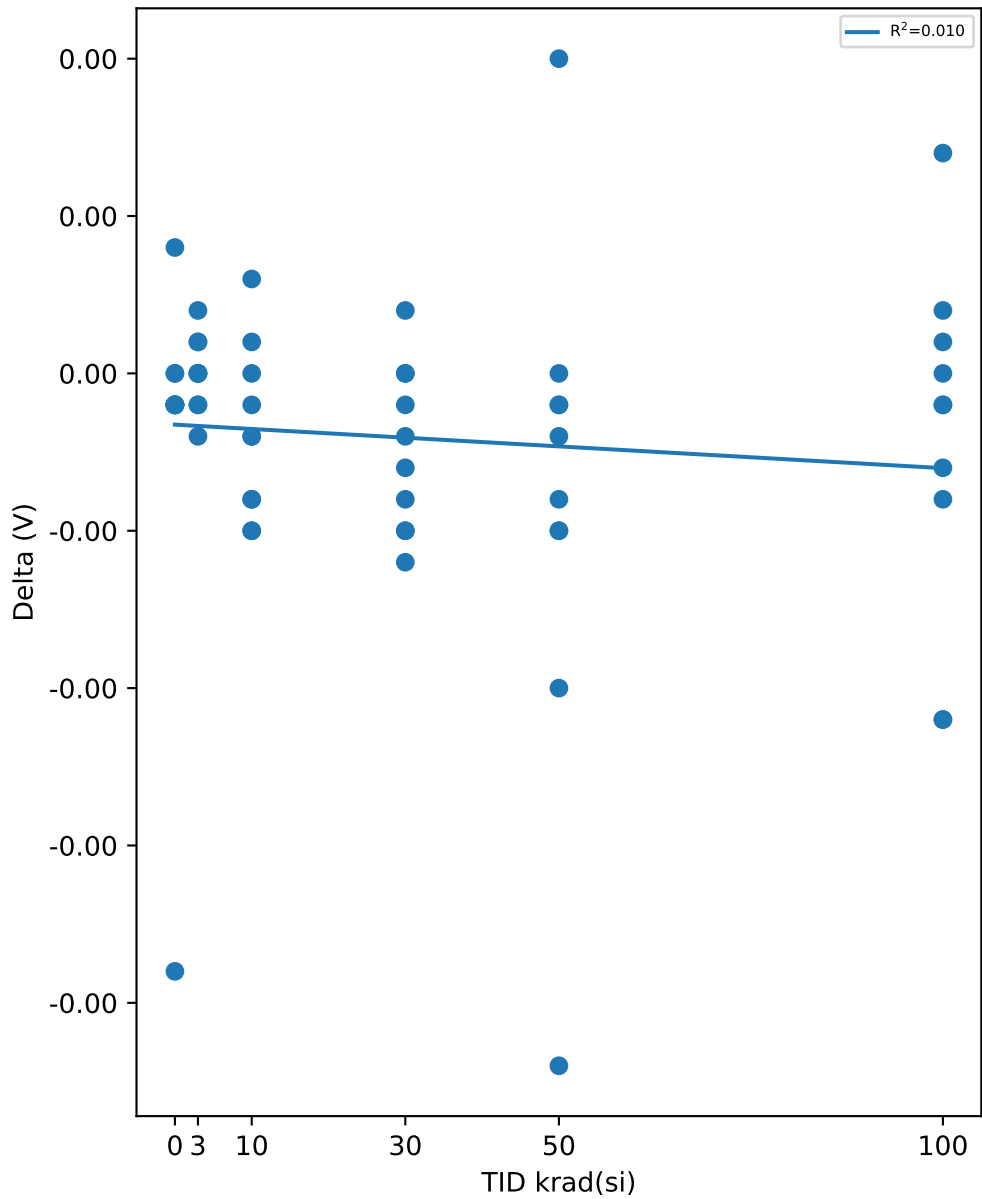
TID vs Result Stats



Test Results (Lower Limit = 1.184, Upper Limit = 1.222 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.2039	1.202	-0.0019
516	0	CORRELATION	1.2029	1.2033	0.0004
721	0	CORRELATION	1.2049	1.2048	-0.0001
723	0	CORRELATION	1.2046	1.2046	0
729	0	CORRELATION	1.2008	1.2007	-0.0001
1000	3	Unbiased	1.1987	1.1987	0
1001	3	Unbiased	1.2037	1.2036	-0.0001
1002	3	Unbiased	1.2037	1.2036	-0.0001
1003	3	Unbiased	1.2037	1.2035	-0.0002
1004	3	Unbiased	1.2006	1.2007	0.0001
1005	3	Biased	1.2032	1.2032	0
1006	3	Biased	1.2035	1.2037	0.0002
1007	3	Biased	1.2032	1.2032	0
1008	3	Biased	1.1989	1.199	0.0001
1009	3	Biased	1.2018	1.2018	0
1010	10	Unbiased	1.204	1.2043	0.0003
1011	10	Unbiased	1.2066	1.2061	-0.0005
1012	10	Unbiased	1.2031	1.2026	-0.0005
1013	10	Unbiased	1.203	1.2031	0.0001
1014	10	Unbiased	1.2017	1.2015	-0.0002
1015	10	Biased	1.2024	1.202	-0.0004
1016	10	Biased	1.2044	1.2042	-0.0002
1017	10	Biased	1.2057	1.2053	-0.0004
1018	10	Biased	1.2022	1.2022	0
1019	10	Biased	1.2039	1.2038	-0.0001
1020	30	Unbiased	1.2019	1.2013	-0.0006
1021	30	Unbiased	1.2049	1.2046	-0.0003
1022	30	Unbiased	1.2037	1.2032	-0.0005
1023	30	Unbiased	1.204	1.2038	-0.0002
1024	30	Unbiased	1.2097	1.2093	-0.0004
1025	30	Biased	1.2033	1.2035	0.0002
1026	30	Biased	1.2022	1.2022	0
1027	30	Biased	1.208	1.208	0
1028	30	Biased	1.2025	1.202	-0.0005
1029	30	Biased	1.2053	1.2052	-0.0001
1030	50	Unbiased	1.203	1.2029	-0.0001
1031	50	Unbiased	1.205	1.2045	-0.0005
1032	50	Unbiased	1.2059	1.2059	0
1033	50	Unbiased	1.1988	1.1978	-0.001
1034	50	Unbiased	1.1988	1.1983	-0.0005
1035	50	Biased-84Hr-Anneal	1.2049	1.2047	-0.0002
1036	50	Biased-84Hr-Anneal	1.2018	1.2017	-0.0001
1037	50	Biased-84Hr-Anneal	1.2012	1.2008	-0.0004
1038	50	Biased-84Hr-Anneal	1.2018	1.2028	0.001
1039	50	Biased-84Hr-Anneal	1.2031	1.2009	-0.0022
1040	100	Unbiased-168Hr-Anneal	1.1993	1.1995	0.0002
1041	100	Unbiased-168Hr-Anneal	1.2074	1.207	-0.0004
1042	100	Unbiased-168Hr-Anneal	1.2088	1.2087	-0.0001
1043	100	Unbiased-168Hr-Anneal	1.2065	1.2062	-0.0003
1044	100	Unbiased-168Hr-Anneal	1.2036	1.2025	-0.0011
1045	100	Biased-168Hr-Anneal	1.2058	1.2057	-0.0001
1046	100	Biased-168Hr-Anneal	1.2047	1.2047	0
1047	100	Biased-168Hr-Anneal	1.1986	1.1975	-0.0011
1048	100	Biased-168Hr-Anneal	1.2048	1.2055	0.0007
1049	100	Biased-168Hr-Anneal	1.2033	1.2034	0.0001

TID vs Post - Pre Exposure Delta

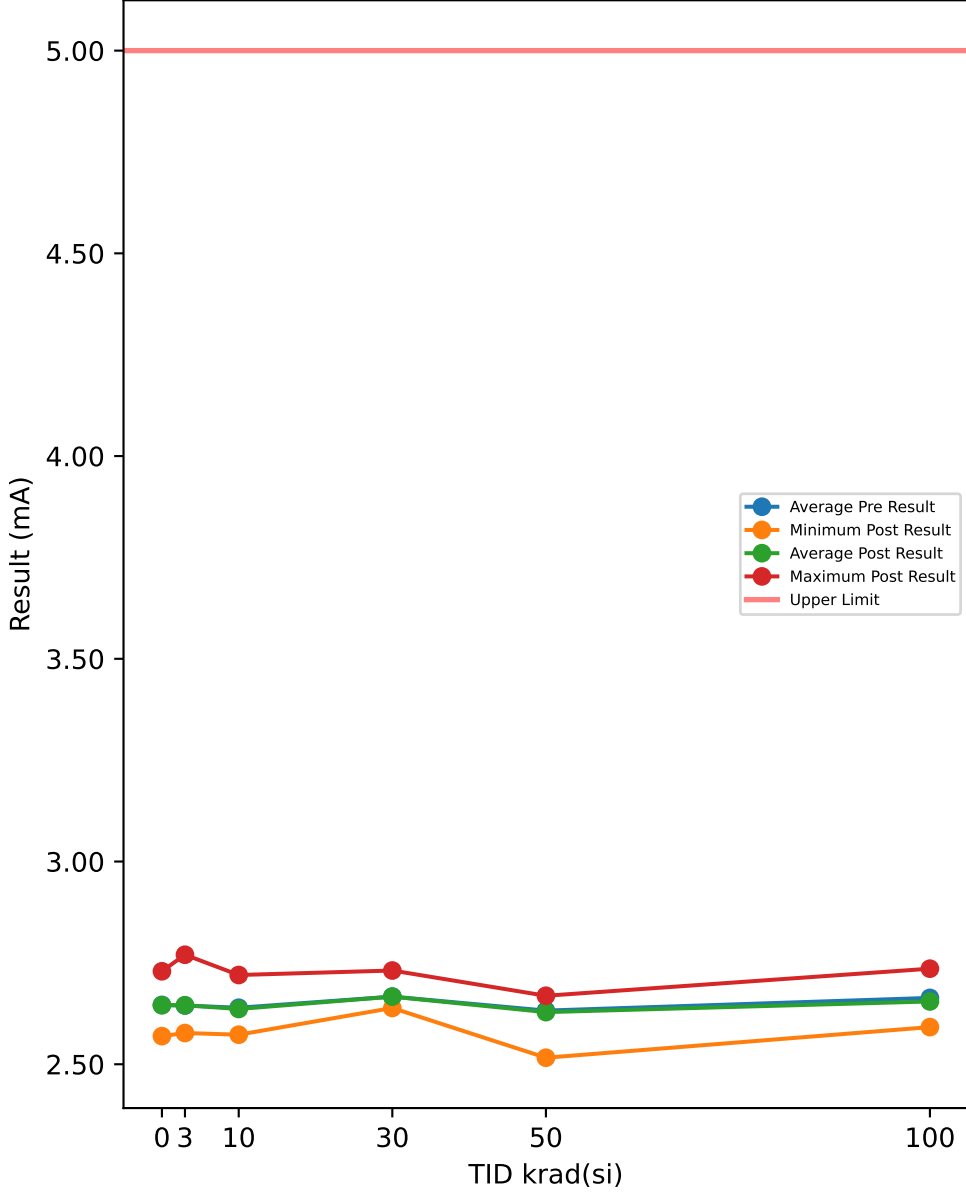


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2008	1.2034	1.2049	0.0016544	1.2007	1.2031	1.2048	0.0017427	-0.0019	-0.00034	0.0004	0.0008961
3	1.1987	1.2021	1.2037	0.0020055	1.1987	1.2021	1.2037	0.0019624	-0.0002	2.2204e-17	0.0002	0.00011547
10	1.2017	1.2037	1.2066	0.0015571	1.2015	1.2035	1.2061	0.0014955	-0.0005	-0.00019	0.0003	0.00026854
30	1.2019	1.2046	1.2097	0.0025483	1.2013	1.2043	1.2093	0.0025903	-0.0006	-0.00024	0.0002	0.00026331
50	1.1988	1.2024	1.2059	0.0024536	1.1978	1.202	1.2059	0.0026721	-0.0022	-0.0004	0.001	0.00081377
100	1.1986	1.2043	1.2088	0.0032717	1.1975	1.2041	1.2087	0.0034419	-0.0011	-0.00021	0.0007	0.00055668

Device Test: 12.3 IQ|STATIC/VIN/4.5////@IQ_VIN

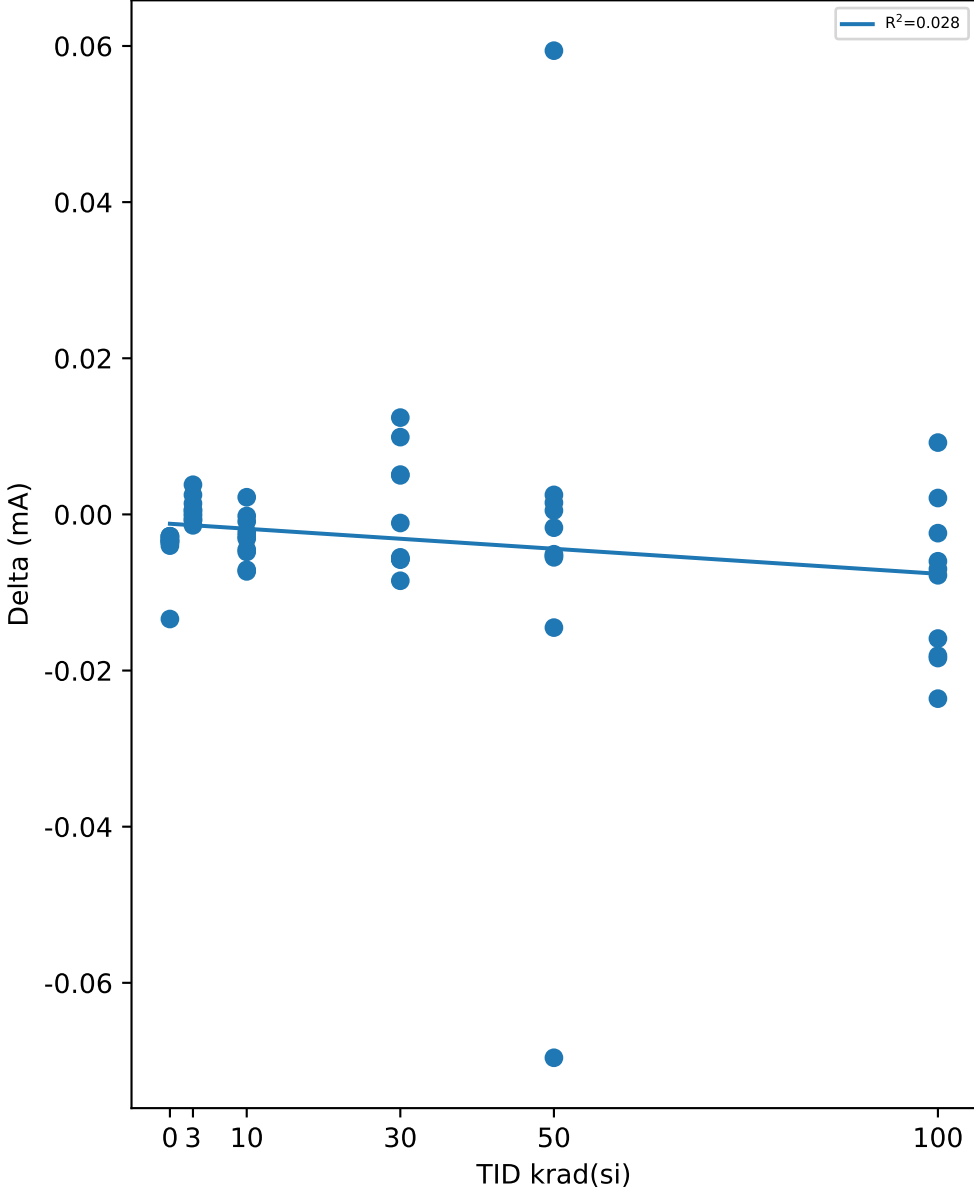
TID vs Result Stats



Test Results (Upper Limit = 5.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.5865	2.5731	-0.0134
516	0	CORRELATION	2.6656	2.6616	-0.004
721	0	CORRELATION	2.6744	2.6716	-0.0028
723	0	CORRELATION	2.7321	2.7293	-0.0028
729	0	CORRELATION	2.573	2.5696	-0.0034
1000	3	Unbiased	2.6422	2.6408	-0.0014
1001	3	Unbiased	2.6219	2.6233	0.0014
1002	3	Unbiased	2.674	2.6778	0.0038
1003	3	Unbiased	2.5769	2.577	0.0001
1004	3	Unbiased	2.5852	2.585	-0.0002
1005	3	Biased	2.6632	2.6625	-0.0007
1006	3	Biased	2.6254	2.6259	0.0005
1007	3	Biased	2.6896	2.6902	0.0006
1008	3	Biased	2.7676	2.7701	0.0025
1009	3	Biased	2.6026	2.6019	-0.0007
1010	10	Unbiased	2.5777	2.5729	-0.0048
1011	10	Unbiased	2.6336	2.6291	-0.0045
1012	10	Unbiased	2.6283	2.6281	-0.0002
1013	10	Unbiased	2.7179	2.7201	0.0022
1014	10	Unbiased	2.6581	2.6558	-0.0023
1015	10	Biased	2.6548	2.6475	-0.0073
1016	10	Biased	2.6419	2.6391	-0.0028
1017	10	Biased	2.6346	2.6275	-0.0071
1018	10	Biased	2.5927	2.5896	-0.0031
1019	10	Biased	2.654	2.6531	-0.0009
1020	30	Unbiased	2.667	2.6613	-0.0057
1021	30	Unbiased	2.6283	2.6407	0.0124
1022	30	Unbiased	2.6397	2.6496	0.0099
1023	30	Unbiased	2.6452	2.6394	-0.0058
1024	30	Unbiased	2.6445	2.6388	-0.0057
1025	30	Biased	2.6768	2.6818	0.005
1026	30	Biased	2.6447	2.6436	-0.0011
1027	30	Biased	2.715	2.7201	0.0051
1028	30	Biased	2.7367	2.7312	-0.0055
1029	30	Biased	2.6698	2.6613	-0.0085
1030	50	Unbiased	2.6207	2.6152	-0.0055
1031	50	Unbiased	2.5136	2.5161	0.0025
1032	50	Unbiased	2.6834	2.6689	-0.0145
1033	50	Unbiased	2.6183	2.613	-0.0053
1034	50	Unbiased	2.6531	2.6546	0.0015
1035	50	Biased-84Hr-Anneal	2.6407	2.6356	-0.0051
1036	50	Biased-84Hr-Anneal	2.6525	2.6508	-0.0017
1037	50	Biased-84Hr-Anneal	2.6613	2.6618	0.0005
1038	50	Biased-84Hr-Anneal	2.6746	2.605	-0.0696
1039	50	Biased-84Hr-Anneal	2.6052	2.6646	0.0594
1040	100	Unbiased-168Hr-Anneal	2.6514	2.6454	-0.006
1041	100	Unbiased-168Hr-Anneal	2.7249	2.7065	-0.0184
1042	100	Unbiased-168Hr-Anneal	2.6822	2.6798	-0.0024
1043	100	Unbiased-168Hr-Anneal	2.6106	2.6036	-0.007
1044	100	Unbiased-168Hr-Anneal	2.6217	2.6058	-0.0159
1045	100	Biased-168Hr-Anneal	2.6848	2.6612	-0.0236
1046	100	Biased-168Hr-Anneal	2.6953	2.6772	-0.0181
1047	100	Biased-168Hr-Anneal	2.5824	2.5916	0.0092
1048	100	Biased-168Hr-Anneal	2.7435	2.7357	-0.0078
1049	100	Biased-168Hr-Anneal	2.6396	2.6417	0.0021

TID vs Post - Pre Exposure Delta

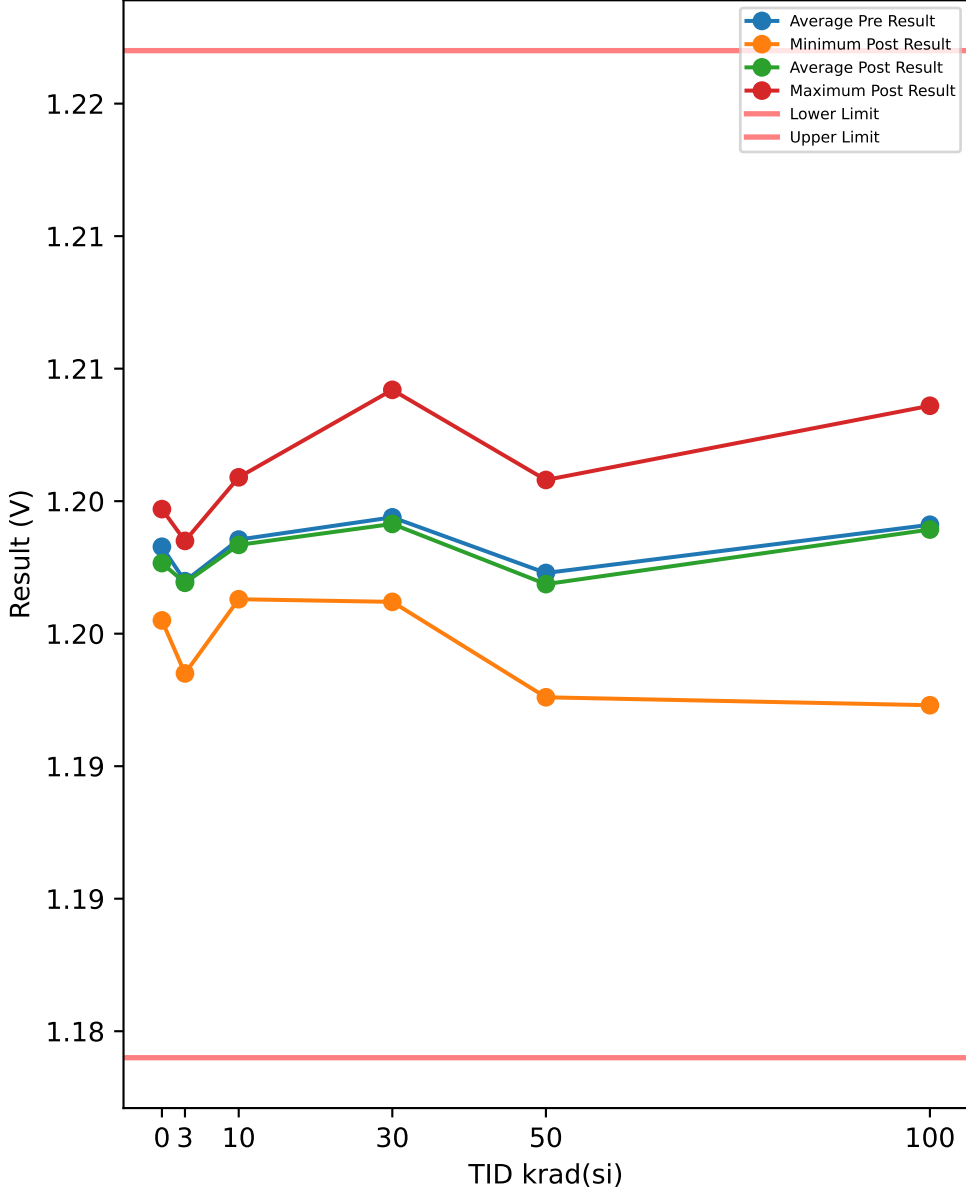


Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.573	2.6463	2.7321	0.066092	2.5696	2.641	2.7293	0.068677	-0.0134	-0.00528	-0.0028	0.0045664
3	2.5769	2.6449	2.7676	0.056891	2.577	2.6454	2.7701	0.057743	-0.0014	0.00059	0.0038	0.0015906
10	2.5777	2.6394	2.7179	0.038204	2.5729	2.6363	2.7201	0.039742	-0.0073	-0.00308	0.0022	0.0029918
30	2.6283	2.6668	2.7367	0.03494	2.6388	2.6668	2.7312	0.033869	-0.0085	1e-05	0.0124	0.0074915
50	2.5136	2.6323	2.6834	0.048657	2.5161	2.6286	2.6689	0.045797	-0.0696	-0.00378	0.0594	0.030797
100	2.5824	2.6636	2.7435	0.051451	2.5916	2.6549	2.7357	0.04674	-0.0236	-0.00879	0.0092	0.010241

Device Test: 12.5 LEVEL|STATIC/REFCAP/4.5////@VBANDGAP

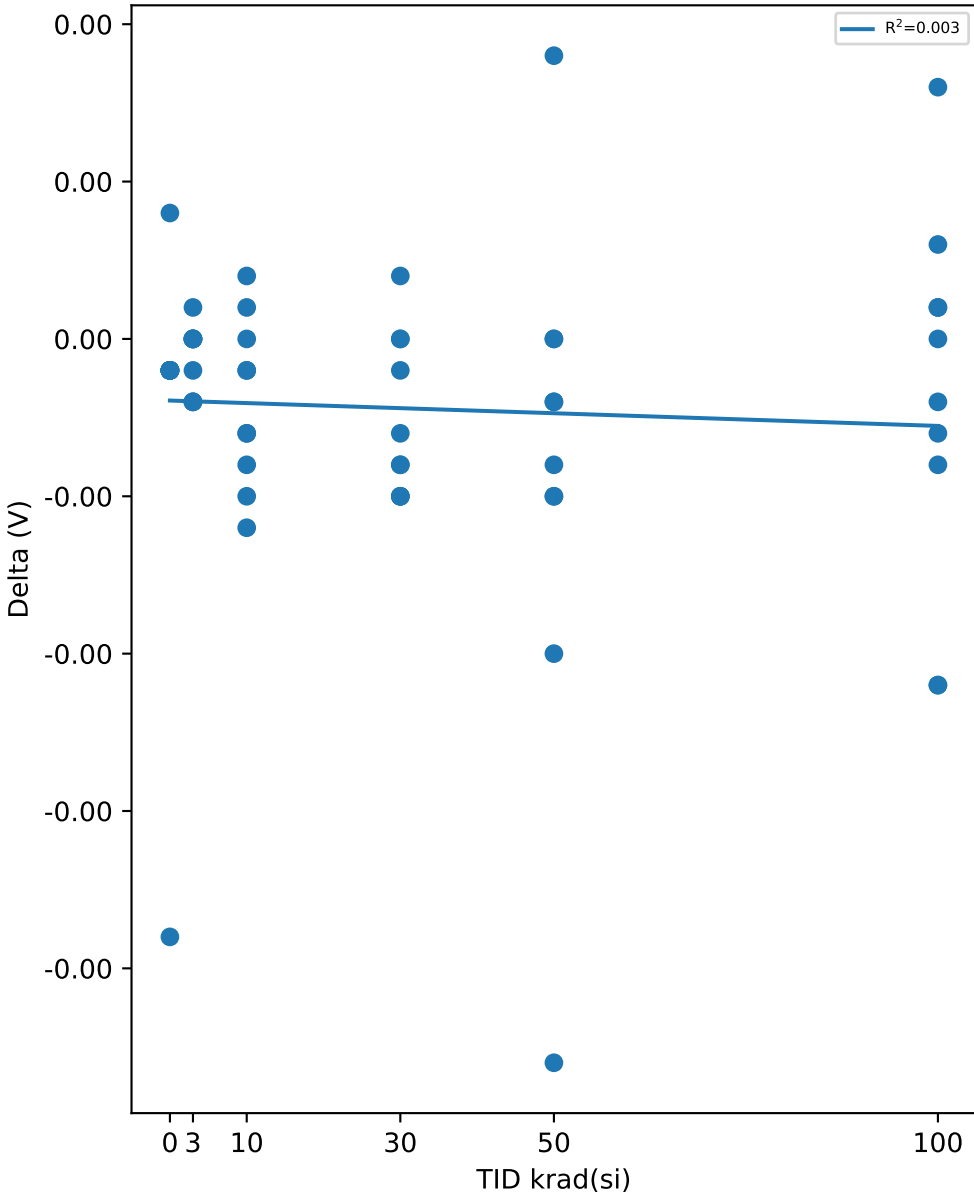
TID vs Result Stats



Test Results (Lower Limit = 1.184, Upper Limit = 1.222 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.2037	1.2018	-0.0019
516	0	CORRELATION	1.2028	1.2032	0.0004
721	0	CORRELATION	1.2048	1.2047	-0.0001
723	0	CORRELATION	1.2045	1.2044	-0.0001
729	0	CORRELATION	1.2006	1.2005	-0.0001
1000	3	Unbiased	1.1986	1.1985	-0.0001
1001	3	Unbiased	1.2036	1.2034	-0.0002
1002	3	Unbiased	1.2036	1.2034	-0.0002
1003	3	Unbiased	1.2036	1.2034	-0.0002
1004	3	Unbiased	1.2005	1.2005	0
1005	3	Biased	1.203	1.203	0
1006	3	Biased	1.2034	1.2035	0.0001
1007	3	Biased	1.2031	1.2031	0
1008	3	Biased	1.1988	1.1988	0
1009	3	Biased	1.2016	1.2016	0
1010	10	Unbiased	1.2039	1.2041	0.0002
1011	10	Unbiased	1.2065	1.2059	-0.0006
1012	10	Unbiased	1.2029	1.2025	-0.0004
1013	10	Unbiased	1.2029	1.2029	0
1014	10	Unbiased	1.2016	1.2013	-0.0003
1015	10	Biased	1.2022	1.2019	-0.0003
1016	10	Biased	1.2042	1.2041	-0.0001
1017	10	Biased	1.2056	1.2051	-0.0005
1018	10	Biased	1.202	1.2021	0.0001
1019	10	Biased	1.2037	1.2036	-0.0001
1020	30	Unbiased	1.2017	1.2012	-0.0005
1021	30	Unbiased	1.2048	1.2044	-0.0004
1022	30	Unbiased	1.2035	1.203	-0.0005
1023	30	Unbiased	1.2039	1.2036	-0.0003
1024	30	Unbiased	1.2096	1.2092	-0.0004
1025	30	Biased	1.2031	1.2033	0.0002
1026	30	Biased	1.2021	1.202	-0.0001
1027	30	Biased	1.2079	1.2079	0
1028	30	Biased	1.2023	1.2018	-0.0005
1029	30	Biased	1.205	1.205	0
1030	50	Unbiased	1.2029	1.2027	-0.0002
1031	50	Unbiased	1.2048	1.2044	-0.0004
1032	50	Unbiased	1.2058	1.2058	0
1033	50	Unbiased	1.1986	1.1976	-0.001
1034	50	Unbiased	1.1986	1.1981	-0.0005
1035	50	Biased-84Hr-Anneal	1.2048	1.2046	-0.0002
1036	50	Biased-84Hr-Anneal	1.2016	1.2016	0
1037	50	Biased-84Hr-Anneal	1.2011	1.2006	-0.0005
1038	50	Biased-84Hr-Anneal	1.2017	1.2026	0.0009
1039	50	Biased-84Hr-Anneal	1.203	1.2007	-0.0023
1040	100	Unbiased-168Hr-Anneal	1.1991	1.1994	0.0003
1041	100	Unbiased-168Hr-Anneal	1.2073	1.2069	-0.0004
1042	100	Unbiased-168Hr-Anneal	1.2086	1.2086	0
1043	100	Unbiased-168Hr-Anneal	1.2064	1.2061	-0.0003
1044	100	Unbiased-168Hr-Anneal	1.2034	1.2023	-0.0011
1045	100	Biased-168Hr-Anneal	1.2057	1.2055	-0.0002
1046	100	Biased-168Hr-Anneal	1.2045	1.2046	0.0001
1047	100	Biased-168Hr-Anneal	1.1984	1.1973	-0.0011
1048	100	Biased-168Hr-Anneal	1.2046	1.2054	0.0008
1049	100	Biased-168Hr-Anneal	1.2031	1.2032	0.0001

TID vs Post - Pre Exposure Delta

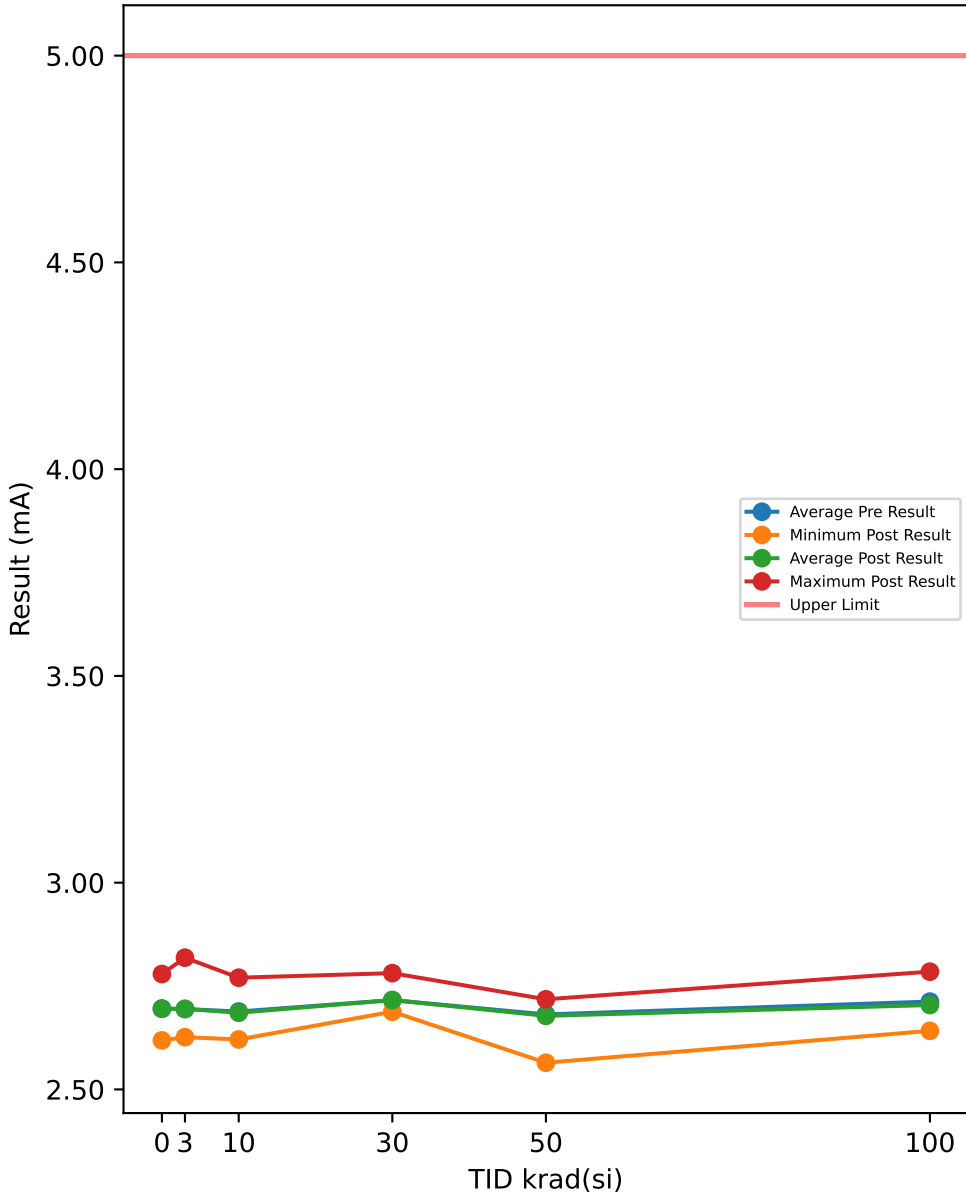


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.2006	1.2033	1.2048	0.0016873	1.2005	1.2029	1.2047	0.0017712	-0.0019	-0.00036	0.0004	0.00088769
3	1.1986	1.202	1.2036	0.0020016	1.1985	1.2019	1.2035	0.001977	-0.0002	-6e-05	0.0001	0.0001075
10	1.2016	1.2035	1.2065	0.0015757	1.2013	1.2033	1.2059	0.0014737	-0.0006	-0.0002	0.0002	0.00026247
30	1.2017	1.2044	1.2096	0.0025723	1.2012	1.2041	1.2092	0.002615	-0.0005	-0.00025	0.0002	0.00025495
50	1.1986	1.2023	1.2058	0.0024781	1.1976	1.2019	1.2058	0.0027084	-0.0023	-0.00042	0.0009	0.00082165
100	1.1984	1.2041	1.2086	0.0032953	1.1973	1.2039	1.2086	0.0034654	-0.0011	-0.00018	0.0008	0.00059029

Device Test: 12.8 IQ|STATIC/VIN/5////@IQ_VIN

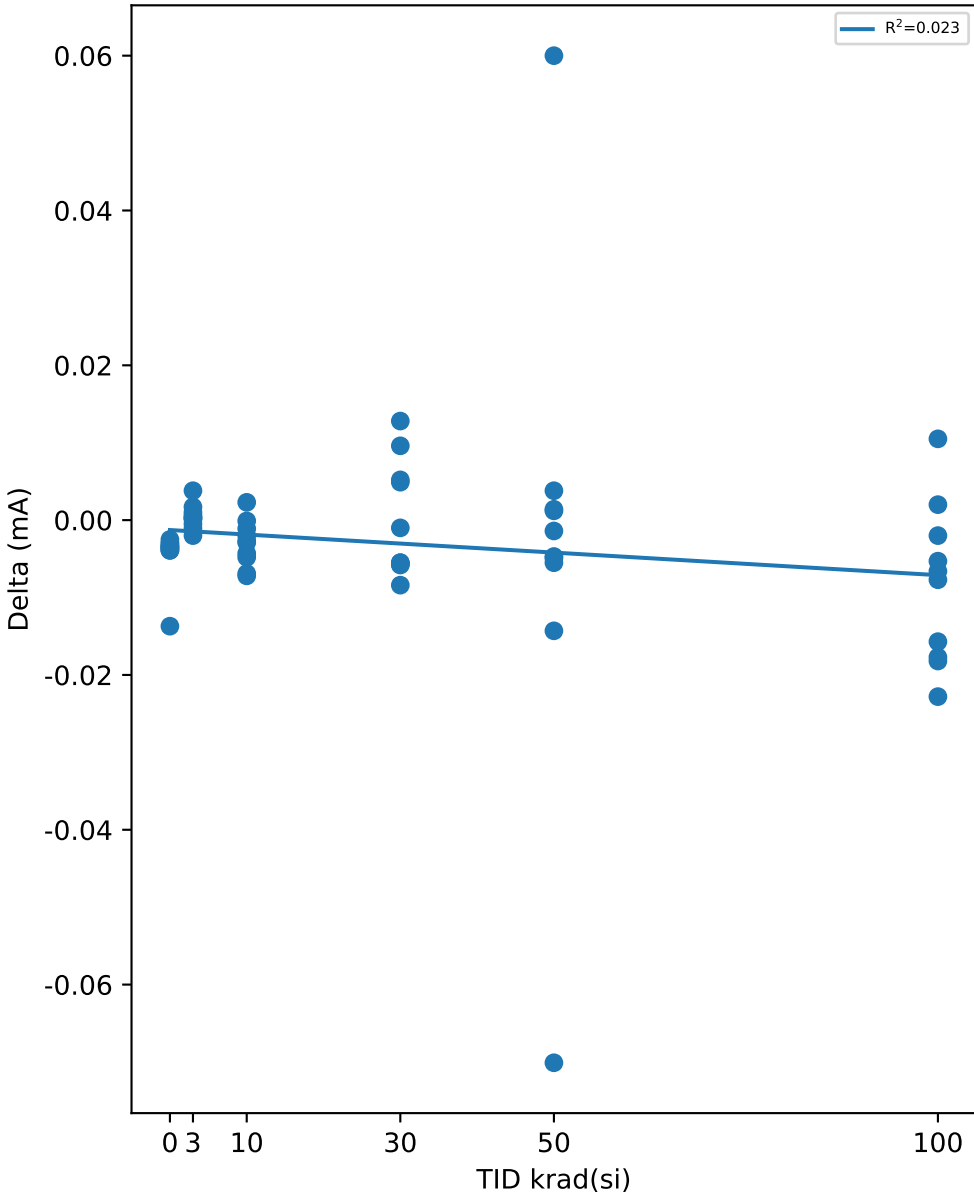
TID vs Result Stats



Test Results (Upper Limit = 5.0 (mA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	2.6355	2.6218	-0.0137
516	0	CORRELATION	2.7149	2.7111	-0.0038
721	0	CORRELATION	2.7239	2.7214	-0.0025
723	0	CORRELATION	2.7821	2.7791	-0.003
729	0	CORRELATION	2.6222	2.6188	-0.0034
1000	3	Unbiased	2.6917	2.6897	-0.002
1001	3	Unbiased	2.6702	2.6719	0.0017
1002	3	Unbiased	2.7228	2.7266	0.0038
1003	3	Unbiased	2.6263	2.6264	0.0001
1004	3	Unbiased	2.6348	2.6351	0.0003
1005	3	Biased	2.7133	2.7128	-0.0005
1006	3	Biased	2.6748	2.6758	0.001
1007	3	Biased	2.7398	2.7404	0.0006
1008	3	Biased	2.8183	2.8186	0.0003
1009	3	Biased	2.652	2.6509	-0.0011
1010	10	Unbiased	2.6257	2.6209	-0.0048
1011	10	Unbiased	2.6818	2.6775	-0.0043
1012	10	Unbiased	2.6774	2.6773	-0.0001
1013	10	Unbiased	2.7679	2.7702	0.0023
1014	10	Unbiased	2.7078	2.7058	-0.002
1015	10	Biased	2.7047	2.6978	-0.0069
1016	10	Biased	2.691	2.6883	-0.0027
1017	10	Biased	2.6835	2.6763	-0.0072
1018	10	Biased	2.6413	2.6384	-0.0029
1019	10	Biased	2.7033	2.7022	-0.0011
1020	30	Unbiased	2.7152	2.7095	-0.0057
1021	30	Unbiased	2.6777	2.6905	0.0128
1022	30	Unbiased	2.6897	2.6993	0.0096
1023	30	Unbiased	2.6935	2.688	-0.0055
1024	30	Unbiased	2.6939	2.6881	-0.0058
1025	30	Biased	2.7259	2.7308	0.0049
1026	30	Biased	2.6939	2.6929	-0.001
1027	30	Biased	2.7647	2.7699	0.0052
1028	30	Biased	2.7867	2.7812	-0.0055
1029	30	Biased	2.7192	2.7108	-0.0084
1030	50	Unbiased	2.6703	2.6648	-0.0055
1031	50	Unbiased	2.5608	2.5646	0.0038
1032	50	Unbiased	2.7323	2.718	-0.0143
1033	50	Unbiased	2.6681	2.6634	-0.0047
1034	50	Unbiased	2.7032	2.7046	0.0014
1035	50	Biased-84Hr-Anneal	2.6892	2.6843	-0.0049
1036	50	Biased-84Hr-Anneal	2.7016	2.7002	-0.0014
1037	50	Biased-84Hr-Anneal	2.7106	2.7118	0.0012
1038	50	Biased-84Hr-Anneal	2.7237	2.6536	-0.0701
1039	50	Biased-84Hr-Anneal	2.654	2.714	0.06
1040	100	Unbiased-168Hr-Anneal	2.7001	2.6948	-0.0053
1041	100	Unbiased-168Hr-Anneal	2.7736	2.7554	-0.0182
1042	100	Unbiased-168Hr-Anneal	2.7323	2.7303	-0.002
1043	100	Unbiased-168Hr-Anneal	2.6585	2.6519	-0.0066
1044	100	Unbiased-168Hr-Anneal	2.6702	2.6545	-0.0157
1045	100	Biased-168Hr-Anneal	2.7339	2.7111	-0.0228
1046	100	Biased-168Hr-Anneal	2.7446	2.7269	-0.0177
1047	100	Biased-168Hr-Anneal	2.6312	2.6417	0.0105
1048	100	Biased-168Hr-Anneal	2.7925	2.7848	-0.0077
1049	100	Biased-168Hr-Anneal	2.6877	2.6897	0.002

TID vs Post - Pre Exposure Delta

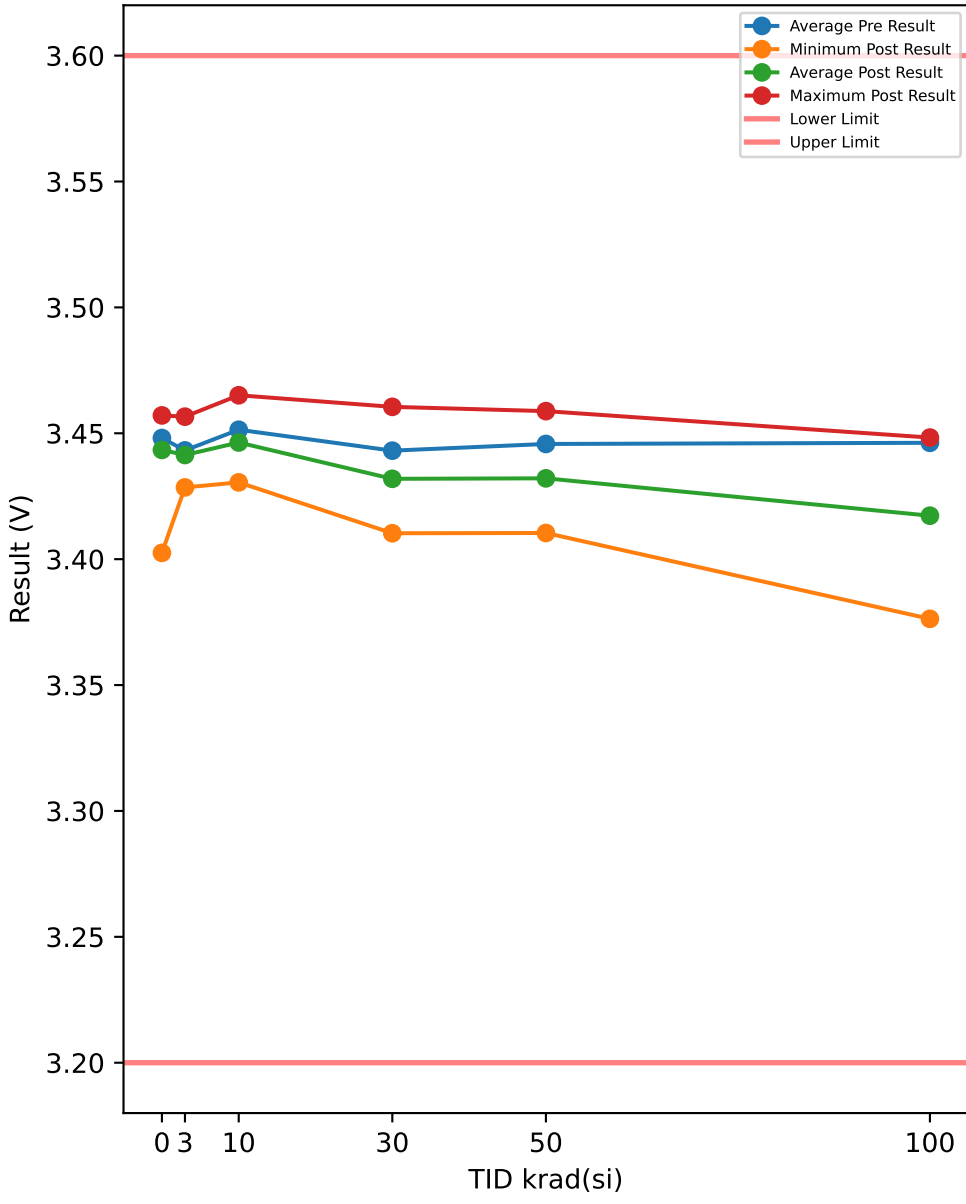


Test Statistics (mA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	2.6222	2.6957	2.7821	0.066436	2.6188	2.6904	2.7791	0.069083	-0.0137	-0.00528	-0.0025	0.0047315
3	2.6263	2.6944	2.8183	0.057291	2.6264	2.6948	2.8186	0.057564	-0.002	0.00042	0.0038	0.0015838
10	2.6257	2.6884	2.7679	0.038772	2.6209	2.6855	2.7702	0.04032	-0.0072	-0.00297	0.0023	0.0029624
30	2.6777	2.716	2.7867	0.035152	2.688	2.7161	2.7812	0.034107	-0.0084	6e-05	0.0128	0.0074922
50	2.5608	2.6814	2.7323	0.049185	2.5646	2.6779	2.718	0.046093	-0.0701	-0.00345	0.06	0.031083
100	2.6312	2.7125	2.7925	0.051744	2.6417	2.7041	2.7848	0.046871	-0.0228	-0.00835	0.0105	0.010343

Device Test: 14.1 THRESHOLD|RISE/PVIN/4.5////@UVLO_RISE_PVIN

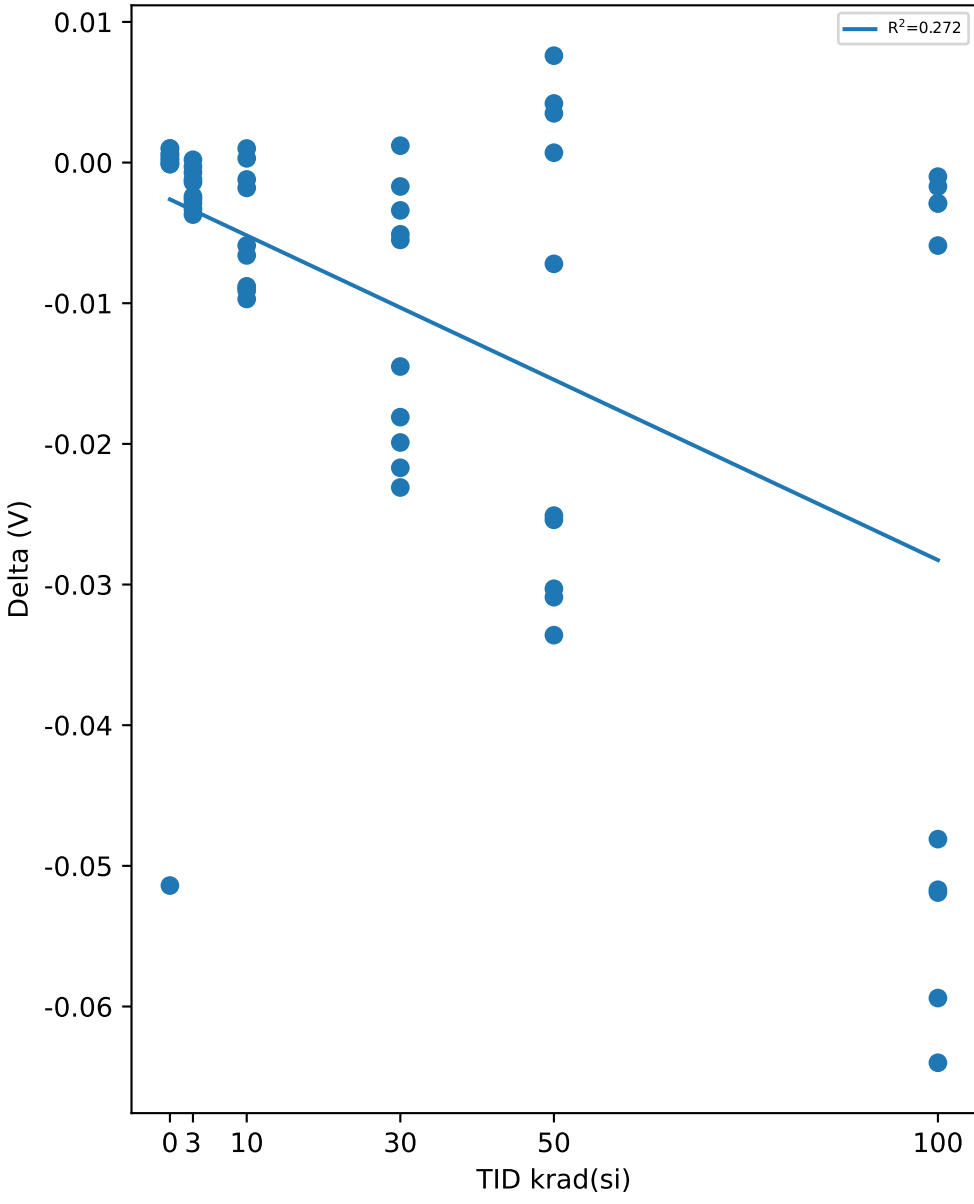
TID vs Result Stats



Test Results (Lower Limit = 3.2, Upper Limit = 3.6 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.4539	3.4025	-0.0514
516	0	CORRELATION	3.4487	3.4491	0.0004
721	0	CORRELATION	3.4432	3.4431	-0.0001
723	0	CORRELATION	3.4383	3.4393	0.001
729	0	CORRELATION	3.4565	3.4571	0.0006
1000	3	Unbiased	3.4374	3.4376	0.0002
1001	3	Unbiased	3.4487	3.448	-0.0007
1002	3	Unbiased	3.4569	3.4566	-0.0003
1003	3	Unbiased	3.4448	3.4434	-0.0014
1004	3	Unbiased	3.4557	3.4545	-0.0012
1005	3	Biased	3.4347	3.4321	-0.0026
1006	3	Biased	3.4309	3.4285	-0.0024
1007	3	Biased	3.4451	3.4414	-0.0037
1008	3	Biased	3.4318	3.4285	-0.0033
1009	3	Biased	3.446	3.4431	-0.0029
1010	10	Unbiased	3.4565	3.4506	-0.0059
1011	10	Unbiased	3.4669	3.4651	-0.0018
1012	10	Unbiased	3.4626	3.4629	0.0003
1013	10	Unbiased	3.4345	3.4333	-0.0012
1014	10	Unbiased	3.4594	3.4604	0.001
1015	10	Biased	3.4444	3.4347	-0.0097
1016	10	Biased	3.4371	3.4305	-0.0066
1017	10	Biased	3.4483	3.4395	-0.0088
1018	10	Biased	3.4503	3.4414	-0.0089
1019	10	Biased	3.4541	3.445	-0.0091
1020	30	Unbiased	3.4639	3.4605	-0.0034
1021	30	Unbiased	3.4423	3.4372	-0.0051
1022	30	Unbiased	3.4389	3.4334	-0.0055
1023	30	Unbiased	3.4273	3.4256	-0.0017
1024	30	Unbiased	3.4295	3.4307	0.0012
1025	30	Biased	3.4662	3.4431	-0.0231
1026	30	Biased	3.44	3.4219	-0.0181
1027	30	Biased	3.4483	3.4266	-0.0217
1028	30	Biased	3.4302	3.4103	-0.0199
1029	30	Biased	3.4444	3.4299	-0.0145
1030	50	Unbiased	3.4503	3.4538	0.0035
1031	50	Unbiased	3.4512	3.4588	0.0076
1032	50	Unbiased	3.4276	3.4318	0.0042
1033	50	Unbiased	3.4256	3.4184	-0.0072
1034	50	Unbiased	3.4357	3.4364	0.0007
1035	50	Biased-84Hr-Anneal	3.4543	3.4289	-0.0254
1036	50	Biased-84Hr-Anneal	3.4532	3.4281	-0.0251
1037	50	Biased-84Hr-Anneal	3.4413	3.4104	-0.0309
1038	50	Biased-84Hr-Anneal	3.4578	3.4275	-0.0303
1039	50	Biased-84Hr-Anneal	3.4606	3.427	-0.0336
1040	100	Unbiased-168Hr-Anneal	3.4428	3.4418	-0.001
1041	100	Unbiased-168Hr-Anneal	3.4422	3.4363	-0.0059
1042	100	Unbiased-168Hr-Anneal	3.45	3.4483	-0.0017
1043	100	Unbiased-168Hr-Anneal	3.4503	3.4474	-0.0029
1044	100	Unbiased-168Hr-Anneal	3.4393	3.4364	-0.0029
1045	100	Biased-168Hr-Anneal	3.449	3.3896	-0.0594
1046	100	Biased-168Hr-Anneal	3.4282	3.3763	-0.0519
1047	100	Biased-168Hr-Anneal	3.4529	3.4048	-0.0481
1048	100	Biased-168Hr-Anneal	3.4513	3.3873	-0.064
1049	100	Biased-168Hr-Anneal	3.4562	3.4045	-0.0517

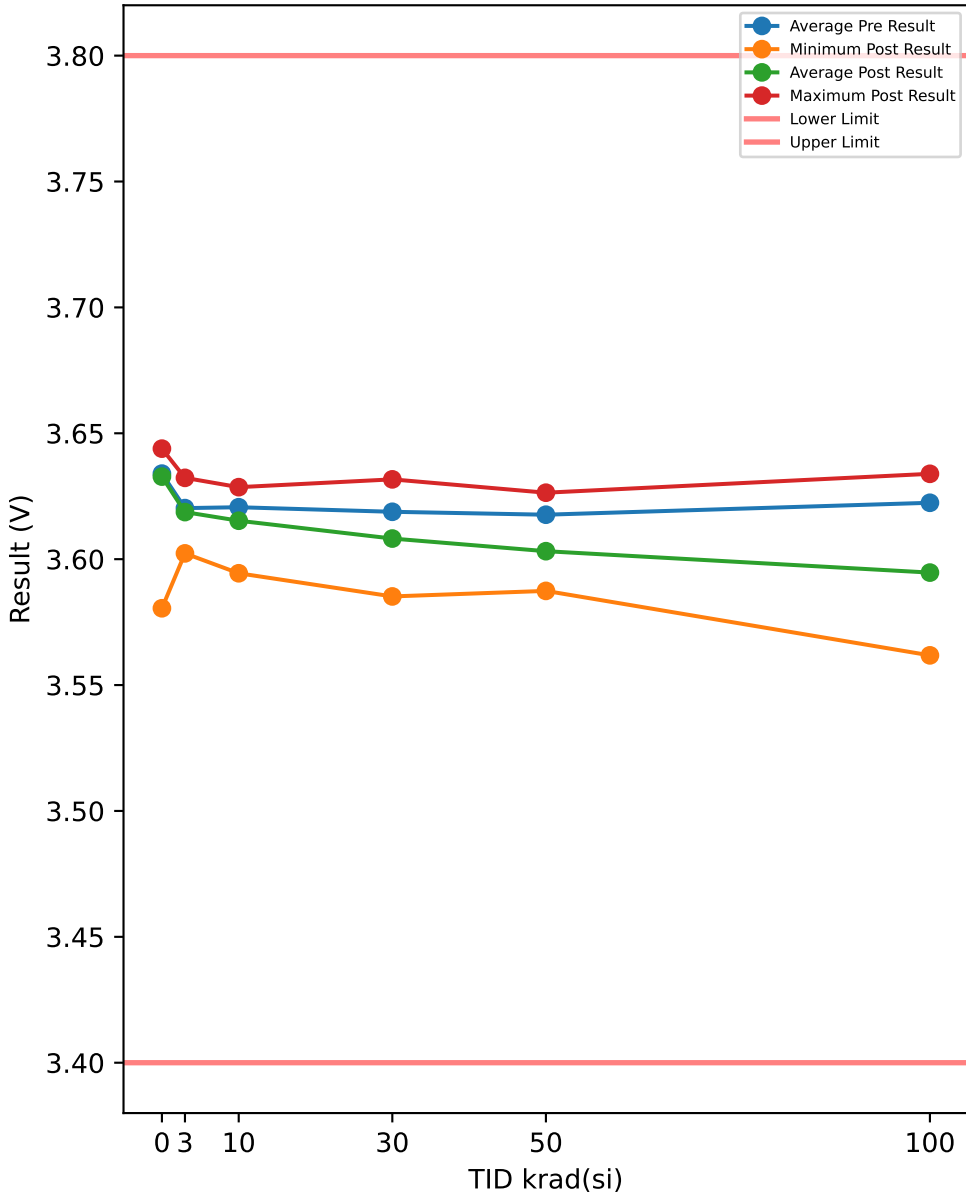
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4383	3.4481	3.4565	0.0074935	3.4025	3.4382	3.4571	0.02107	-0.0514	-0.0099	0.001	0.023203
3	3.4309	3.4432	3.4569	0.0092816	3.4285	3.4414	3.4566	0.0099266	-0.0037	-0.00183	0.0002	0.001335
10	3.4345	3.4514	3.4669	0.010609	3.4305	3.4463	3.4651	0.012786	-0.0097	-0.00507	0.001	0.0042248
30	3.4273	3.4431	3.4662	0.013432	3.4103	3.4319	3.4605	0.01339	-0.0231	-0.01118	0.0012	0.009193
50	3.4256	3.4458	3.4606	0.012477	3.4104	3.4321	3.4588	0.01466	-0.0336	-0.01365	0.0076	0.016845
100	3.4282	3.4462	3.4562	0.008227	3.3763	3.4173	3.4483	0.027611	-0.064	-0.02895	-0.001	0.027847

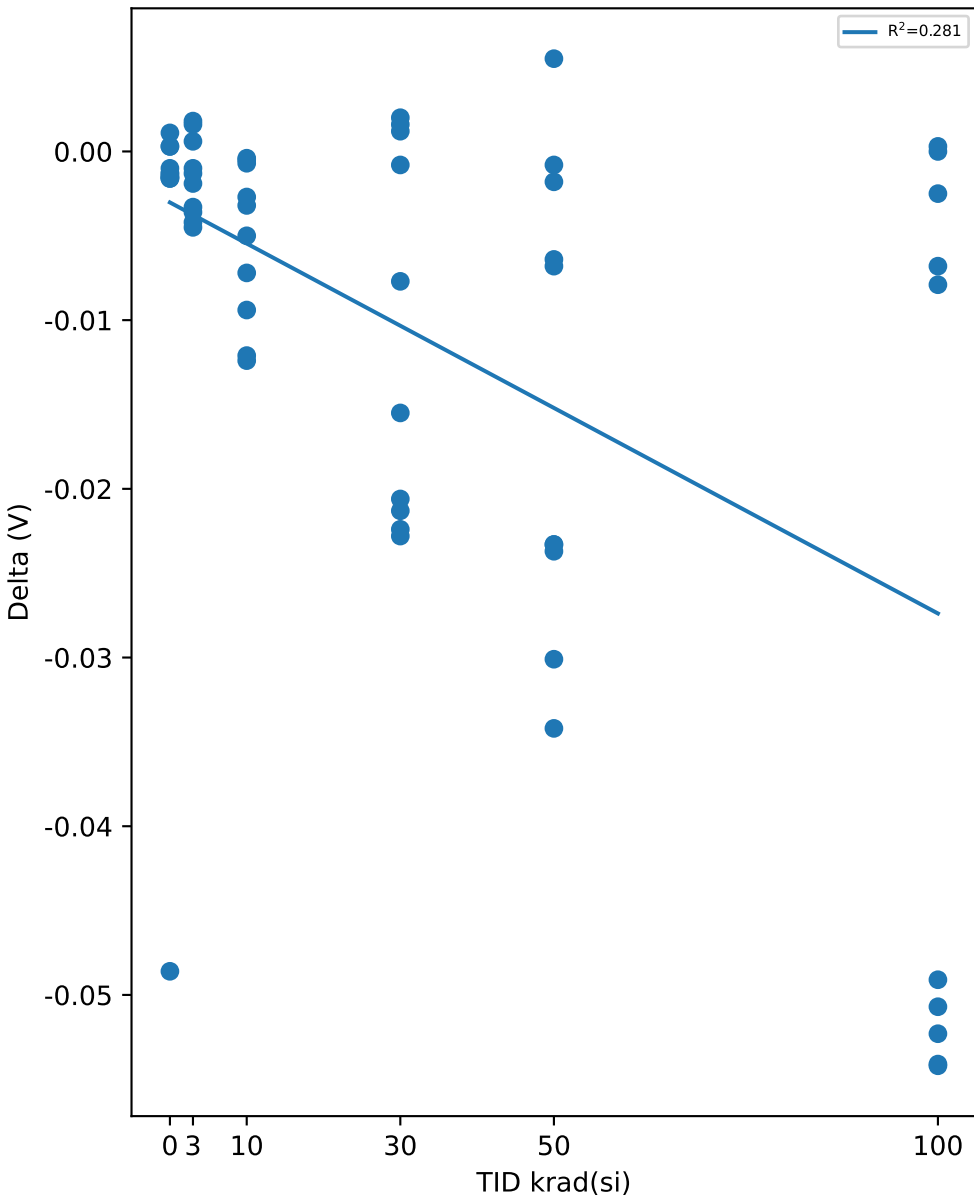
TID vs Result Stats



Test Results (Lower Limit = 3.4, Upper Limit = 3.8 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.6291	3.5805	-0.0486
516	0	CORRELATION	3.6327	3.6338	0.0011
721	0	CORRELATION	3.6256	3.6246	-0.001
723	0	CORRELATION	3.6436	3.642	-0.0016
729	0	CORRELATION	3.6389	3.6376	-0.0013
1000	3	Unbiased	3.6125	3.6089	-0.0036
1001	3	Unbiased	3.6333	3.6323	-0.001
1002	3	Unbiased	3.6256	3.6272	0.0016
1003	3	Unbiased	3.6177	3.6195	0.0018
1004	3	Unbiased	3.603	3.6036	0.0006
1005	3	Biased	3.6264	3.6245	-0.0019
1006	3	Biased	3.6334	3.6292	-0.0042
1007	3	Biased	3.6242	3.6209	-0.0033
1008	3	Biased	3.6068	3.6023	-0.0045
1009	3	Biased	3.6199	3.6186	-0.0013
1010	10	Unbiased	3.6243	3.6239	-0.0004
1011	10	Unbiased	3.6268	3.6263	-0.0005
1012	10	Unbiased	3.628	3.6248	-0.0032
1013	10	Unbiased	3.6116	3.6089	-0.0027
1014	10	Unbiased	3.6155	3.6148	-0.0007
1015	10	Biased	3.6045	3.5995	-0.005
1016	10	Biased	3.6297	3.6176	-0.0121
1017	10	Biased	3.638	3.6286	-0.0094
1018	10	Biased	3.6068	3.5944	-0.0124
1019	10	Biased	3.6211	3.6139	-0.0072
1020	30	Unbiased	3.6117	3.6109	-0.0008
1021	30	Unbiased	3.6394	3.6317	-0.0077
1022	30	Unbiased	3.6199	3.6211	0.0012
1023	30	Unbiased	3.5982	3.6002	0.002
1024	30	Unbiased	3.6292	3.6308	0.0016
1025	30	Biased	3.6249	3.6043	-0.0206
1026	30	Biased	3.6356	3.6128	-0.0228
1027	30	Biased	3.6148	3.5924	-0.0224
1028	30	Biased	3.6065	3.5852	-0.0213
1029	30	Biased	3.608	3.5925	-0.0155
1030	50	Unbiased	3.6209	3.6264	0.0055
1031	50	Unbiased	3.6074	3.601	-0.0064
1032	50	Unbiased	3.6022	3.6014	-0.0008
1033	50	Unbiased	3.6142	3.6124	-0.0018
1034	50	Unbiased	3.614	3.6072	-0.0068
1035	50	Biased-84Hr-Anneal	3.6288	3.6055	-0.0233
1036	50	Biased-84Hr-Anneal	3.623	3.5993	-0.0237
1037	50	Biased-84Hr-Anneal	3.6216	3.5874	-0.0342
1038	50	Biased-84Hr-Anneal	3.624	3.5939	-0.0301
1039	50	Biased-84Hr-Anneal	3.6205	3.5972	-0.0233
1040	100	Unbiased-168Hr-Anneal	3.6167	3.6099	-0.0068
1041	100	Unbiased-168Hr-Anneal	3.6162	3.6083	-0.0079
1042	100	Unbiased-168Hr-Anneal	3.628	3.6283	0.0003
1043	100	Unbiased-168Hr-Anneal	3.6339	3.6339	0
1044	100	Unbiased-168Hr-Anneal	3.6222	3.6197	-0.0025
1045	100	Biased-168Hr-Anneal	3.6159	3.5636	-0.0523
1046	100	Biased-168Hr-Anneal	3.6159	3.5618	-0.0541
1047	100	Biased-168Hr-Anneal	3.6171	3.568	-0.0491
1048	100	Biased-168Hr-Anneal	3.6297	3.5755	-0.0542
1049	100	Biased-168Hr-Anneal	3.6284	3.5777	-0.0507

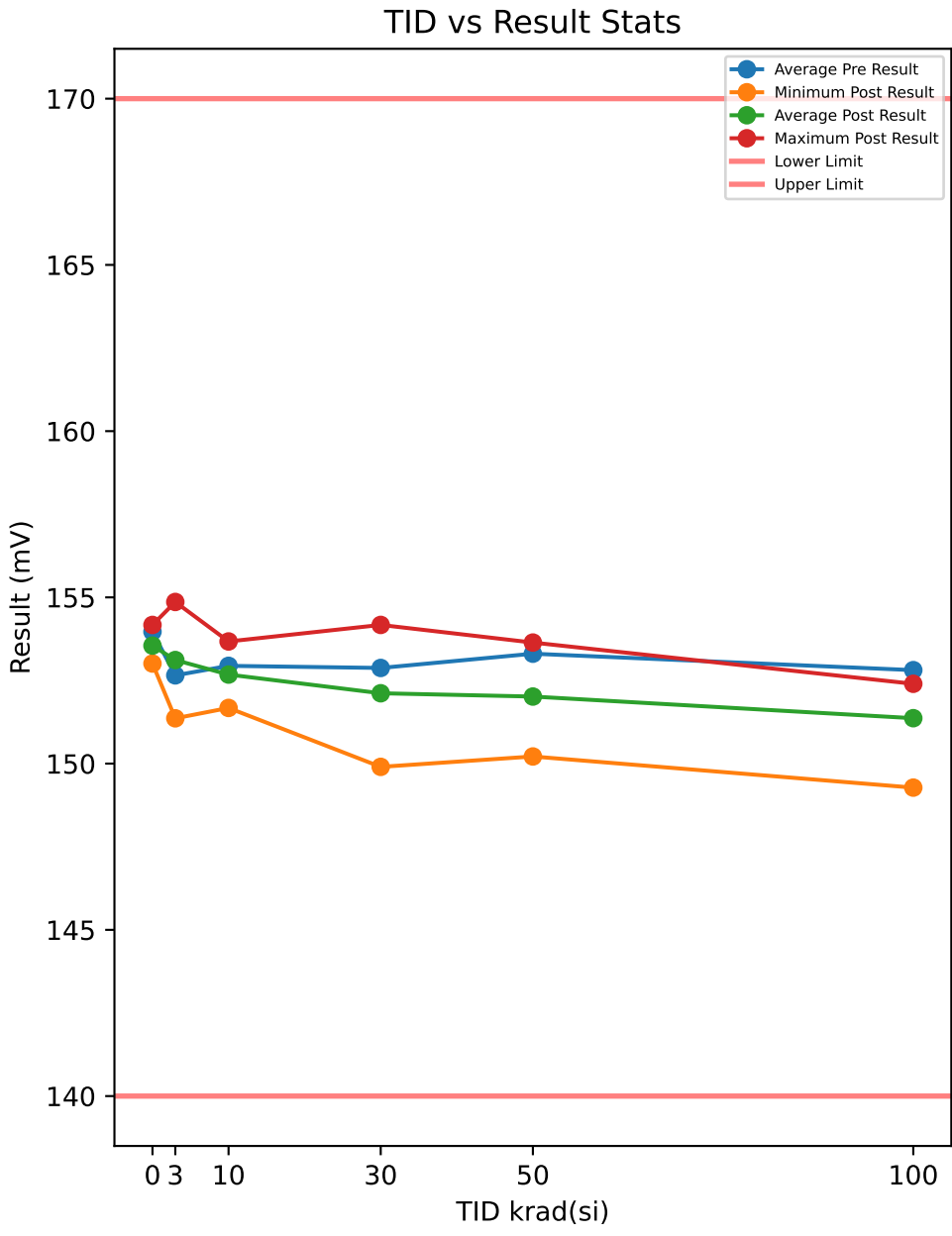
TID vs Post - Pre Exposure Delta



Test Statistics (V)

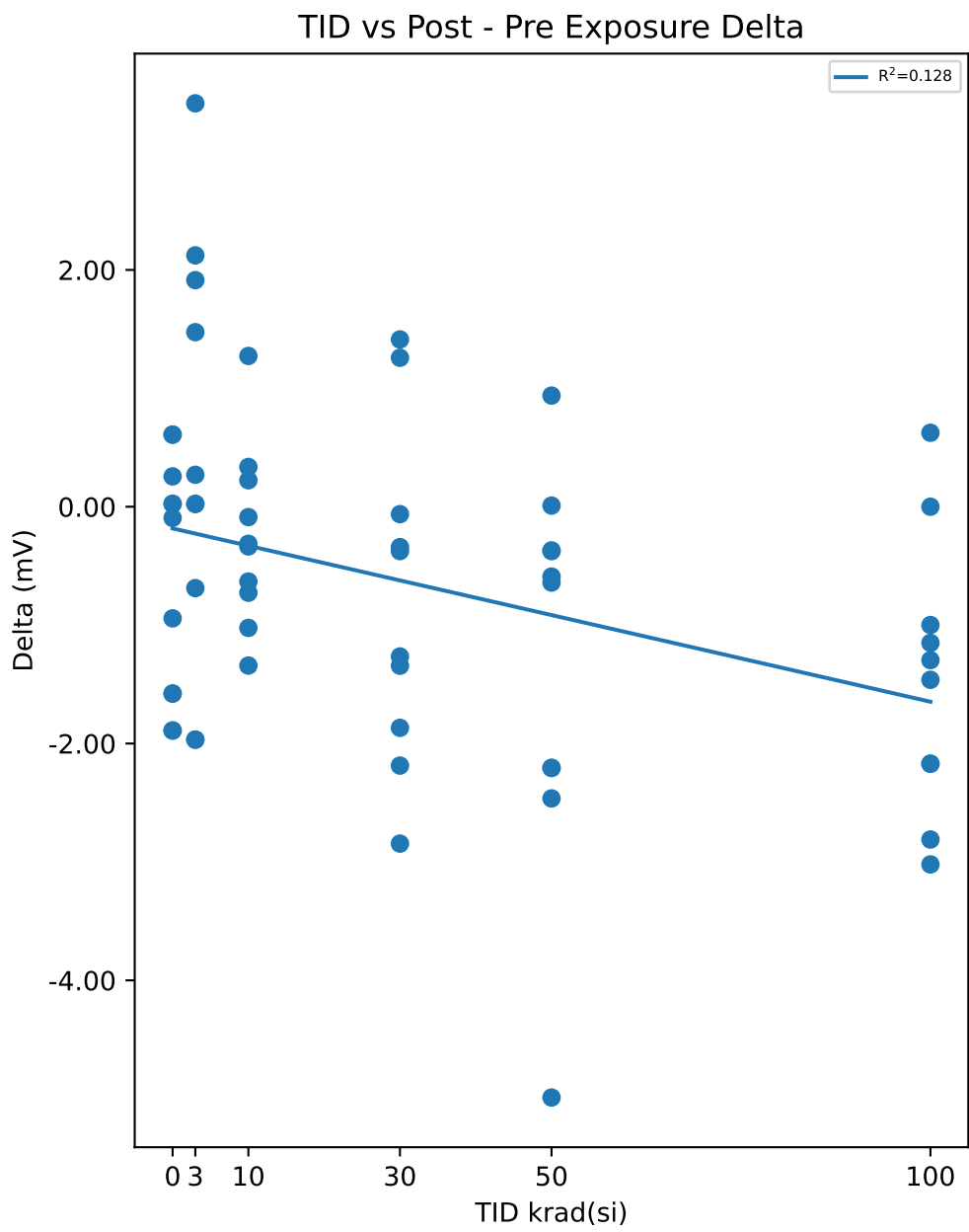
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6256	3.634	3.6436	0.0072875	3.5805	3.6237	3.642	0.024986	-0.0486	-0.01028	0.0011	0.021448
3	3.603	3.6203	3.6334	0.010384	3.6023	3.6187	3.6323	0.010539	-0.0045	-0.00158	0.0018	0.0023389
10	3.6045	3.6206	3.638	0.010798	3.5944	3.6153	3.6286	0.011533	-0.0124	-0.00536	-0.0004	0.0046727
30	3.5982	3.6188	3.6394	0.013383	3.5852	3.6082	3.6317	0.016201	-0.0228	-0.01063	0.002	0.010944
50	3.6022	3.6177	3.6288	0.0081414	3.5874	3.6032	3.6264	0.010748	-0.0342	-0.01449	0.0055	0.013924
100	3.6159	3.6224	3.6339	0.0069639	3.5618	3.5947	3.6339	0.02814	-0.0542	-0.02773	0.0003	0.025834

Device Test: 14.12 THRESHOLD|HYST/VIN/5////@UVLO_HYST_VIN



Test Results (Lower Limit = 140.0, Upper Limit = 170.0 (mV))

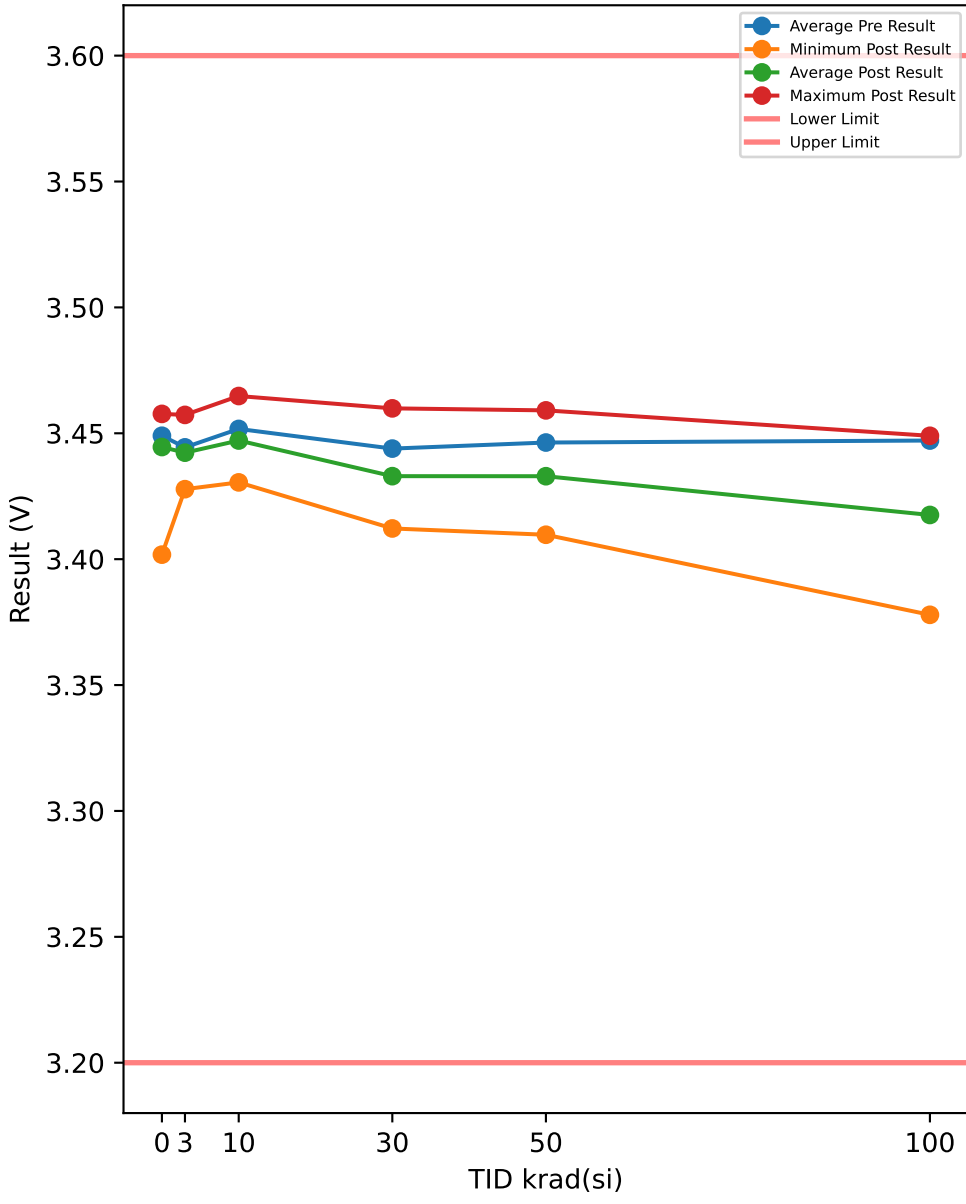
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	153.95	153.01	-0.9427
516	0	CORRELATION	153.07	153.33	0.2563
721	0	CORRELATION	154.27	154.17	-0.0946
723	0	CORRELATION	153.34	153.36	0.0244
729	0	CORRELATION	155.21	153.63	-1.5778
1000	3	Unbiased	153.33	151.36	-1.9662
1001	3	Unbiased	152.09	152.11	0.0236
1002	3	Unbiased	151.45	154.86	3.407
1003	3	Unbiased	152.45	154.57	2.1228
1004	3	Unbiased	151.76	153.67	1.9136
1005	3	Biased	152.71	152.74	0.0238
1006	3	Biased	155.83	153.86	-1.9675
1007	3	Biased	151.78	152.05	0.2699
1008	3	Biased	153.07	152.38	-0.6874
1009	3	Biased	152.07	153.55	1.4743
1010	10	Unbiased	154.01	153.67	-0.3354
1011	10	Unbiased	153.07	152.98	-0.0875
1012	10	Unbiased	153.95	153.63	-0.3128
1013	10	Unbiased	153.02	151.67	-1.3414
1014	10	Unbiased	152.09	152.42	0.3359
1015	10	Biased	152.09	153.36	1.2734
1016	10	Biased	153.33	152.7	-0.6318
1017	10	Biased	152.71	151.99	-0.7264
1018	10	Biased	151.51	151.73	0.2234
1019	10	Biased	153.63	152.61	-1.0233
1020	30	Unbiased	151.45	151.11	-0.341
1021	30	Unbiased	155.51	154.17	-1.3428
1022	30	Unbiased	152.13	152.07	-0.0627
1023	30	Unbiased	151.77	153.03	1.2582
1024	30	Unbiased	154.27	153.01	-1.2648
1025	30	Biased	151.2	152.61	1.4128
1026	30	Biased	153.95	151.11	-2.8453
1027	30	Biased	152.09	149.9	-2.1863
1028	30	Biased	151.82	151.45	-0.3746
1029	30	Biased	154.57	152.7	-1.8673
1030	50	Unbiased	153.07	152.7	-0.3748
1031	50	Unbiased	156.13	151.14	-4.9896
1032	50	Unbiased	152.7	152.71	0.0096
1033	50	Unbiased	153.03	152.38	-0.6404
1034	50	Unbiased	154.01	153.64	-0.3688
1035	50	Biased-84Hr-Anneal	152.37	151.78	-0.5896
1036	50	Biased-84Hr-Anneal	152.72	150.51	-2.2056
1037	50	Biased-84Hr-Anneal	152.68	150.21	-2.4634
1038	50	Biased-84Hr-Anneal	153.65	151.45	-2.2059
1039	50	Biased-84Hr-Anneal	152.7	153.64	0.9386
1040	100	Unbiased-168Hr-Anneal	151.45	152.07	0.6246
1041	100	Unbiased-168Hr-Anneal	152.45	151.15	-1.2956
1042	100	Unbiased-168Hr-Anneal	151.82	150.82	-0.999
1043	100	Unbiased-168Hr-Anneal	152.4	152.4	0
1044	100	Unbiased-168Hr-Anneal	154.89	152.08	-2.8105
1045	100	Biased-168Hr-Anneal	153.63	151.46	-2.1706
1046	100	Biased-168Hr-Anneal	151.99	150.53	-1.4617
1047	100	Biased-168Hr-Anneal	154.57	152.4	-2.1706
1048	100	Biased-168Hr-Anneal	150.43	149.28	-1.1501
1049	100	Biased-168Hr-Anneal	154.49	151.46	-3.021



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	153.07	153.97	155.21	0.84197	153.01	153.5	154.17	0.43494	-1.5778	-0.46688	0.2563	0.76868
3	151.45	152.65	155.83	1.2652	151.36	153.12	154.86	1.1604	-1.9675	0.46139	3.407	1.7671
10	151.51	152.94	154.01	0.84059	151.67	152.68	153.67	0.73885	-1.3414	-0.26259	1.2734	0.75174
30	151.2	152.88	155.51	1.5388	149.9	152.12	154.17	1.2393	-2.8453	-0.76138	1.4128	1.4066
50	152.37	153.31	156.13	1.1101	150.21	152.02	153.64	1.2027	-4.9896	-1.289	0.9386	1.6995
100	150.43	152.81	154.89	1.5051	149.28	151.37	152.4	0.97602	-3.021	-1.4454	0.6246	1.1586

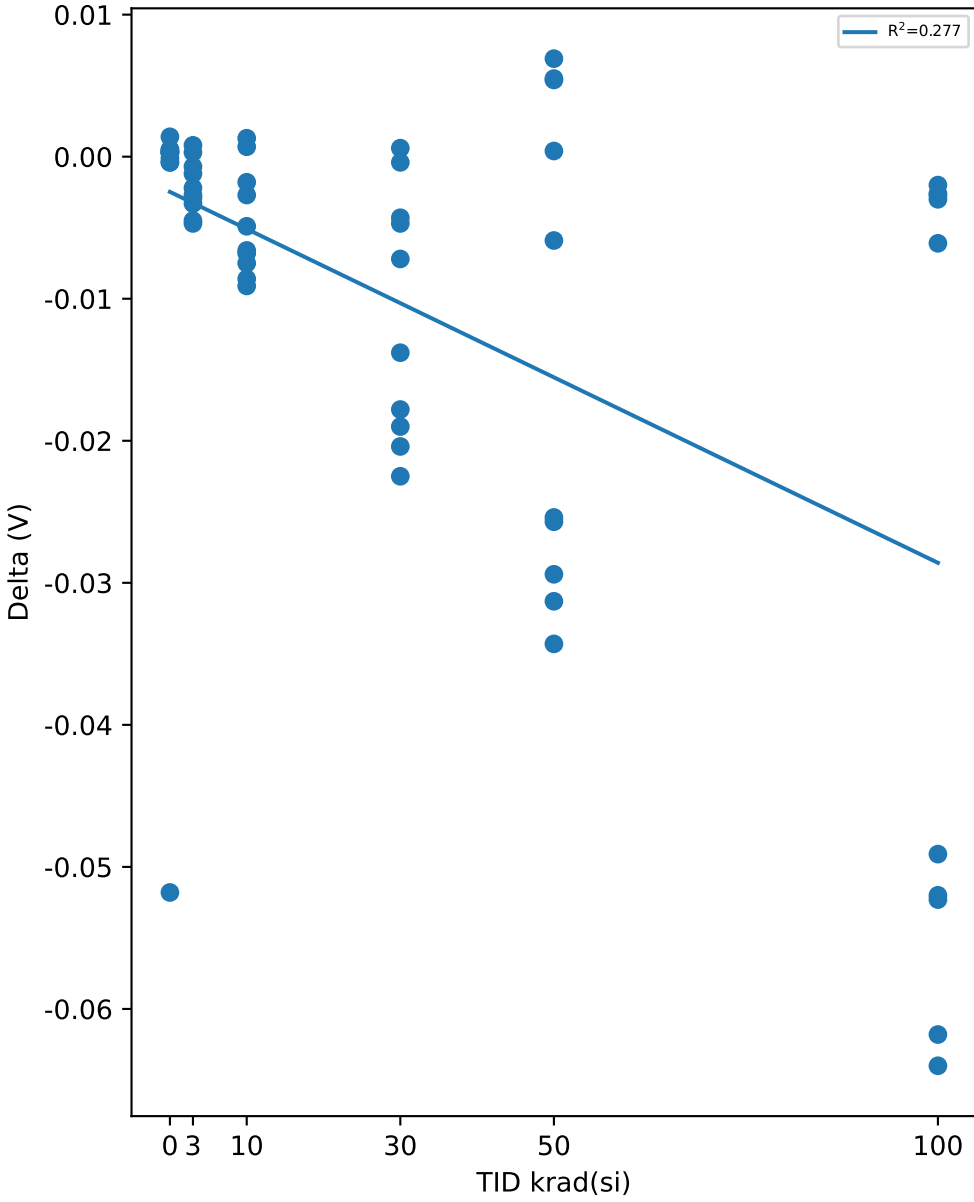
TID vs Result Stats



Test Results (Lower Limit = 3.2, Upper Limit = 3.6 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.4536	3.4018	-0.0518
516	0	CORRELATION	3.4493	3.4507	0.0014
721	0	CORRELATION	3.4442	3.4441	-0.0001
723	0	CORRELATION	3.4406	3.4402	-0.0004
729	0	CORRELATION	3.4574	3.4577	0.0003
1000	3	Unbiased	3.4384	3.4392	0.0008
1001	3	Unbiased	3.4487	3.449	0.0003
1002	3	Unbiased	3.4585	3.4573	-0.0012
1003	3	Unbiased	3.4461	3.4454	-0.0007
1004	3	Unbiased	3.4574	3.4552	-0.0022
1005	3	Biased	3.4357	3.4328	-0.0029
1006	3	Biased	3.4325	3.4278	-0.0047
1007	3	Biased	3.4464	3.4437	-0.0027
1008	3	Biased	3.4318	3.4285	-0.0033
1009	3	Biased	3.4486	3.4441	-0.0045
1010	10	Unbiased	3.4565	3.4516	-0.0049
1011	10	Unbiased	3.4675	3.4648	-0.0027
1012	10	Unbiased	3.4626	3.4633	0.0007
1013	10	Unbiased	3.4345	3.4327	-0.0018
1014	10	Unbiased	3.46	3.4613	0.0013
1015	10	Biased	3.4444	3.4376	-0.0068
1016	10	Biased	3.4371	3.4305	-0.0066
1017	10	Biased	3.4493	3.4418	-0.0075
1018	10	Biased	3.4506	3.442	-0.0086
1019	10	Biased	3.4548	3.4457	-0.0091
1020	30	Unbiased	3.4642	3.4599	-0.0043
1021	30	Unbiased	3.4423	3.4376	-0.0047
1022	30	Unbiased	3.4419	3.4347	-0.0072
1023	30	Unbiased	3.427	3.4276	0.0006
1024	30	Unbiased	3.4324	3.432	-0.0004
1025	30	Biased	3.4675	3.445	-0.0225
1026	30	Biased	3.4397	3.4219	-0.0178
1027	30	Biased	3.448	3.4276	-0.0204
1028	30	Biased	3.4312	3.4122	-0.019
1029	30	Biased	3.445	3.4312	-0.0138
1030	50	Unbiased	3.45	3.4554	0.0054
1031	50	Unbiased	3.4522	3.4591	0.0069
1032	50	Unbiased	3.4286	3.4341	0.0055
1033	50	Unbiased	3.425	3.4191	-0.0059
1034	50	Unbiased	3.437	3.4374	0.0004
1035	50	Biased-84Hr-Anneal	3.4549	3.4292	-0.0257
1036	50	Biased-84Hr-Anneal	3.4542	3.4288	-0.0254
1037	50	Biased-84Hr-Anneal	3.441	3.4097	-0.0313
1038	50	Biased-84Hr-Anneal	3.4588	3.4294	-0.0294
1039	50	Biased-84Hr-Anneal	3.4616	3.4273	-0.0343
1040	100	Unbiased-168Hr-Anneal	3.4441	3.4421	-0.002
1041	100	Unbiased-168Hr-Anneal	3.4428	3.4367	-0.0061
1042	100	Unbiased-168Hr-Anneal	3.4503	3.4476	-0.0027
1043	100	Unbiased-168Hr-Anneal	3.4516	3.449	-0.0026
1044	100	Unbiased-168Hr-Anneal	3.4397	3.4367	-0.003
1045	100	Biased-168Hr-Anneal	3.4507	3.3889	-0.0618
1046	100	Biased-168Hr-Anneal	3.4299	3.3779	-0.052
1047	100	Biased-168Hr-Anneal	3.4536	3.4045	-0.0491
1048	100	Biased-168Hr-Anneal	3.451	3.387	-0.064
1049	100	Biased-168Hr-Anneal	3.4575	3.4052	-0.0523

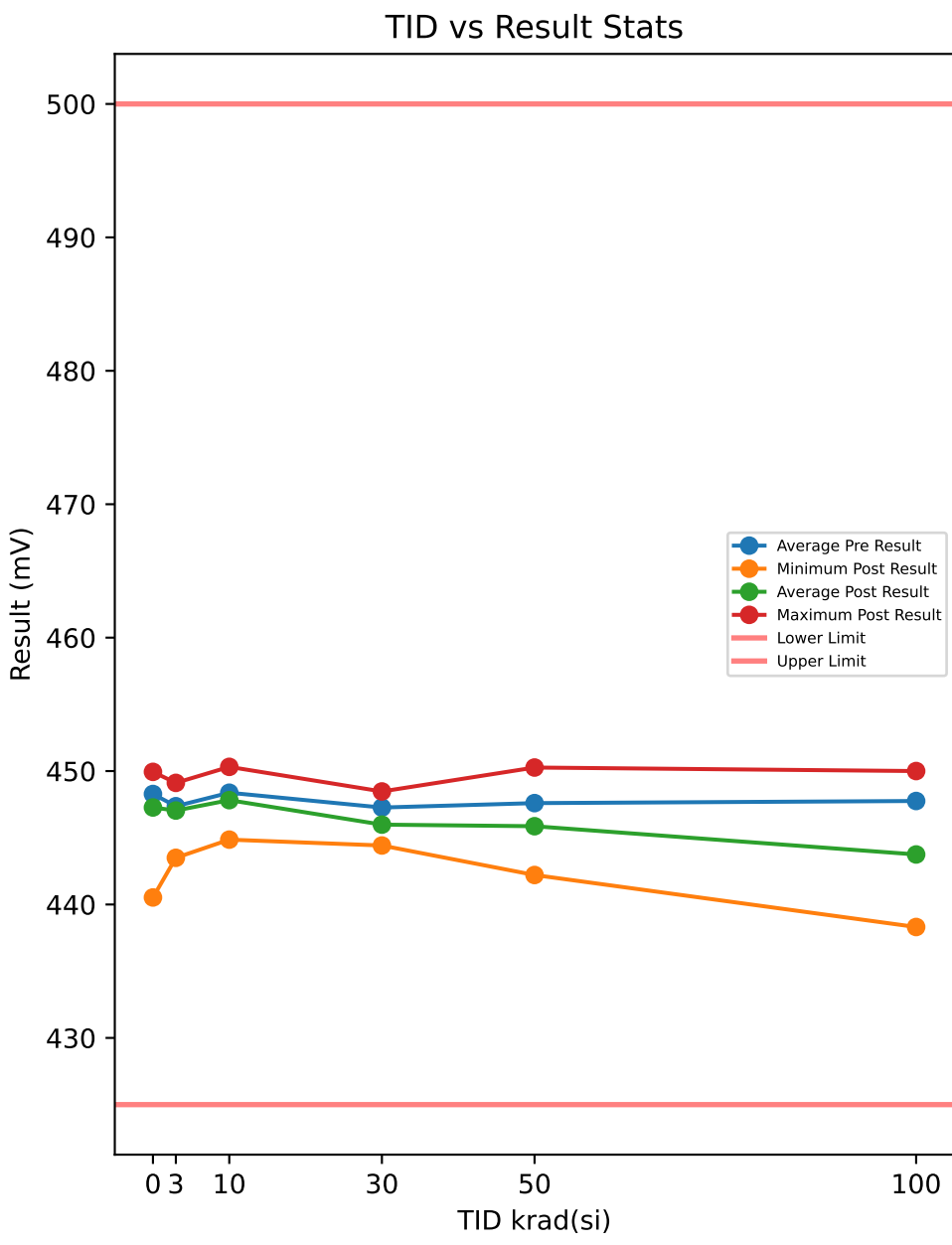
TID vs Post - Pre Exposure Delta



Test Statistics (V)

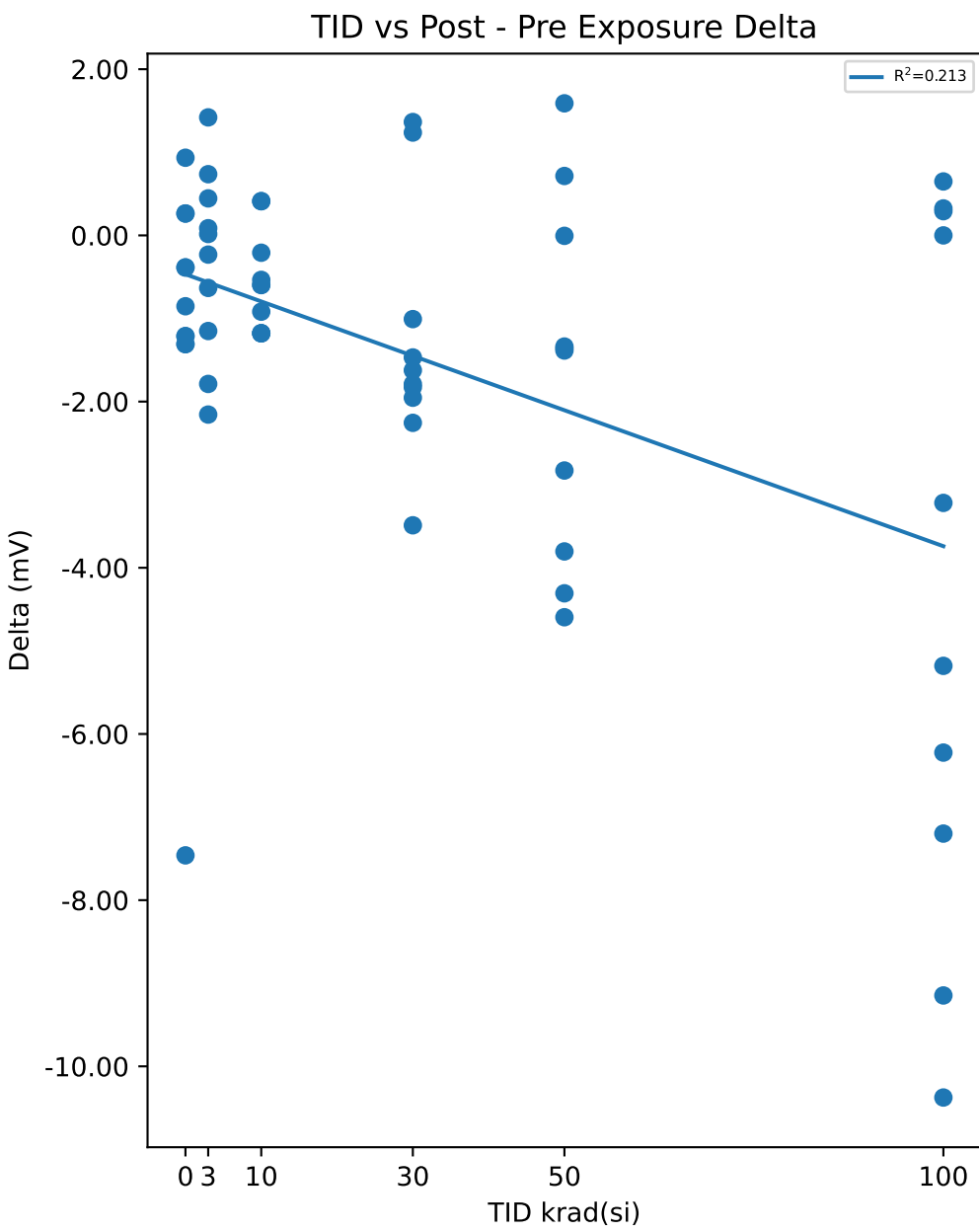
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4406	3.449	3.4574	0.0068082	3.4018	3.4389	3.4577	0.021782	-0.0518	-0.01012	0.0014	0.02331
3	3.4318	3.4444	3.4585	0.009562	3.4278	3.4423	3.4573	0.010283	-0.0047	-0.00211	0.0008	0.0018829
10	3.4345	3.4517	3.4675	0.010746	3.4305	3.4471	3.4648	0.012591	-0.0091	-0.0046	0.0013	0.0037704
30	3.427	3.4439	3.4675	0.013293	3.4122	3.433	3.4599	0.012953	-0.0225	-0.01095	0.0006	0.0087217
50	3.425	3.4463	3.4616	0.012723	3.4097	3.4329	3.4591	0.014971	-0.0343	-0.01338	0.0069	0.01725
100	3.4299	3.4471	3.4575	0.0080771	3.3779	3.4176	3.449	0.027643	-0.064	-0.02956	-0.002	0.028071

Device Test: 14.15 THRESHOLD|HYST/PVIN/12////@UVLO_HYST_PVIN



Test Results (Lower Limit = 425.0, Upper Limit = 500.0 (mV))

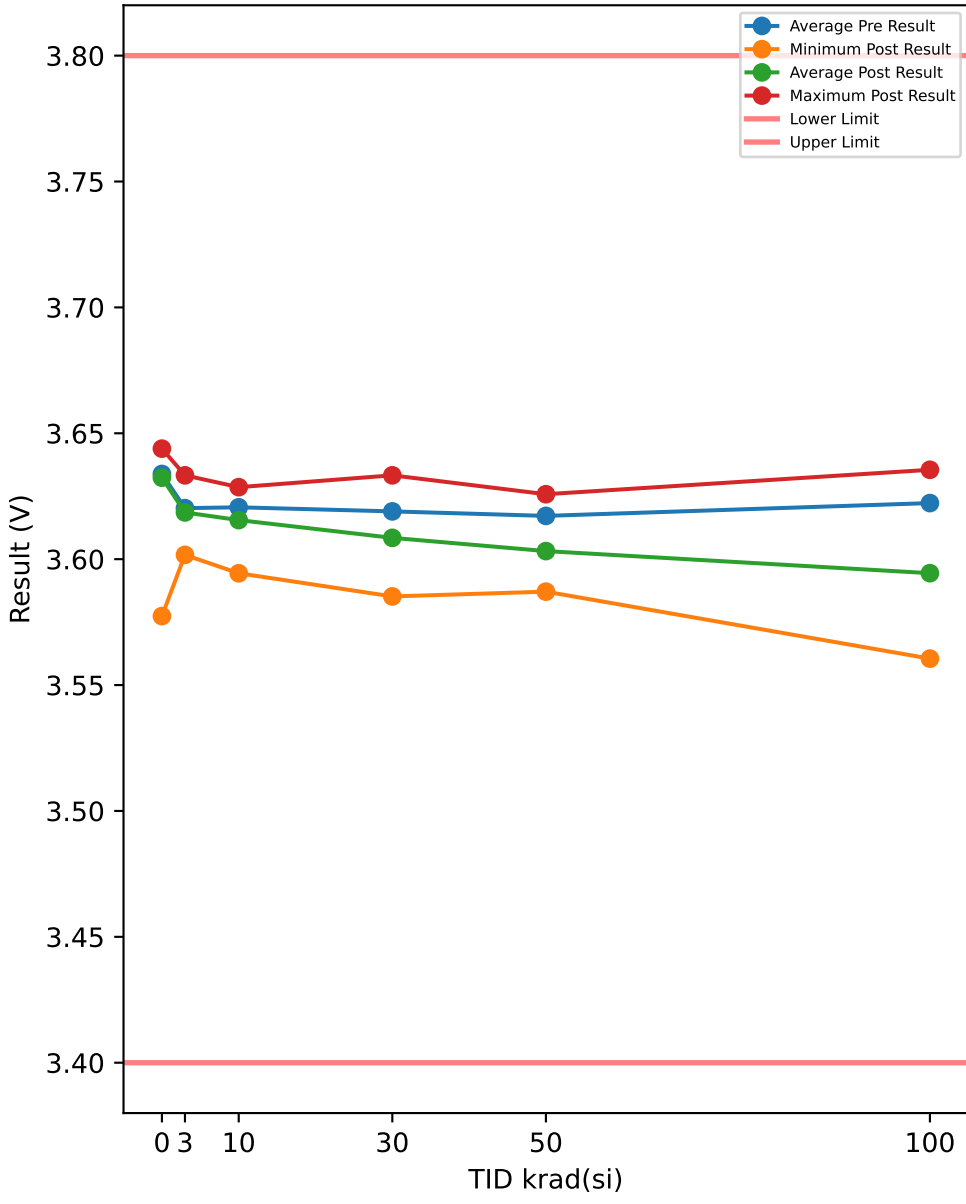
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	447.99	440.53	-7.4609
516	0	CORRELATION	449	449.93	0.9345
721	0	CORRELATION	447.34	446.49	-0.8527
723	0	CORRELATION	447.4	446.19	-1.2123
729	0	CORRELATION	449.68	448.37	-1.3085
1000	3	Unbiased	446.04	447.46	1.4202
1001	3	Unbiased	448.38	449.11	0.7365
1002	3	Unbiased	450.26	448.47	-1.7876
1003	3	Unbiased	448.35	447.72	-0.6322
1004	3	Unbiased	449.62	448.46	-1.1508
1005	3	Biased	444.81	444.89	0.0863
1006	3	Biased	445.39	445.84	0.4454
1007	3	Biased	447.4	447.17	-0.2311
1008	3	Biased	443.48	443.5	0.0167
1009	3	Biased	449.94	447.78	-2.1563
1010	10	Unbiased	449.65	449.11	-0.5352
1011	10	Unbiased	449.97	448.8	-1.1775
1012	10	Unbiased	450.91	450.32	-0.598
1013	10	Unbiased	446.04	444.86	-1.1774
1014	10	Unbiased	449.68	450.09	0.4118
1015	10	Biased	447.73	448.14	0.4115
1016	10	Biased	446.04	445.12	-0.9179
1017	10	Biased	447.4	446.81	-0.5946
1018	10	Biased	448.03	446.85	-1.1786
1019	10	Biased	448.32	448.11	-0.2085
1020	30	Unbiased	449.94	448.47	-1.4687
1021	30	Unbiased	447.66	445.84	-1.8269
1022	30	Unbiased	448.03	445.77	-2.2558
1023	30	Unbiased	443.44	444.81	1.3644
1024	30	Unbiased	445.78	447.02	1.2376
1025	30	Biased	450.95	447.46	-3.4888
1026	30	Biased	446.36	444.57	-1.7893
1027	30	Biased	447.73	446.11	-1.6234
1028	30	Biased	445.43	444.42	-1.0074
1029	30	Biased	447.34	445.39	-1.9535
1030	50	Unbiased	448.68	450.26	1.5893
1031	50	Unbiased	449.62	449.61	-0.0054
1032	50	Unbiased	445.39	446.11	0.7151
1033	50	Unbiased	444.81	443.45	-1.3592
1034	50	Unbiased	446.08	444.74	-1.3375
1035	50	Biased-84Hr-Anneal	446.52	445.13	-1.3856
1036	50	Biased-84Hr-Anneal	448.87	446.04	-2.8296
1037	50	Biased-84Hr-Anneal	446.52	442.21	-4.3074
1038	50	Biased-84Hr-Anneal	449.52	445.72	-3.8033
1039	50	Biased-84Hr-Anneal	449.99	445.39	-4.5952
1040	100	Unbiased-168Hr-Anneal	446.37	446.69	0.3245
1041	100	Unbiased-168Hr-Anneal	448.03	444.81	-3.2193
1042	100	Unbiased-168Hr-Anneal	447.38	447.67	0.2912
1043	100	Unbiased-168Hr-Anneal	450	450	0
1044	100	Unbiased-168Hr-Anneal	445.39	446.04	0.6492
1045	100	Biased-168Hr-Anneal	449.34	438.96	-10.375
1046	100	Biased-168Hr-Anneal	444.54	438.31	-6.2243
1047	100	Biased-168Hr-Anneal	448.36	443.18	-5.1803
1048	100	Biased-168Hr-Anneal	448.43	439.29	-9.1469
1049	100	Biased-168Hr-Anneal	449.73	442.53	-7.199



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	447.34	448.28	449.68	1.026	440.53	446.3	449.93	3.5663	-7.4609	-1.98	0.9345	3.1955
3	443.48	447.37	450.26	2.342	443.5	447.04	449.11	1.7701	-2.1563	-0.32529	1.4202	1.122
10	446.04	448.38	450.91	1.6573	444.86	447.82	450.32	1.8913	-1.1786	-0.55644	0.4118	0.60444
30	443.44	447.27	450.95	2.1777	444.42	445.99	448.47	1.3201	-3.4888	-1.2812	1.3644	1.5056
50	444.81	447.6	449.99	1.9316	442.21	445.87	450.26	2.4661	-4.5952	-1.7319	1.5893	2.1276
100	444.54	447.76	450	1.8372	438.31	443.75	450	3.9952	-10.375	-4.008	0.6492	4.2038

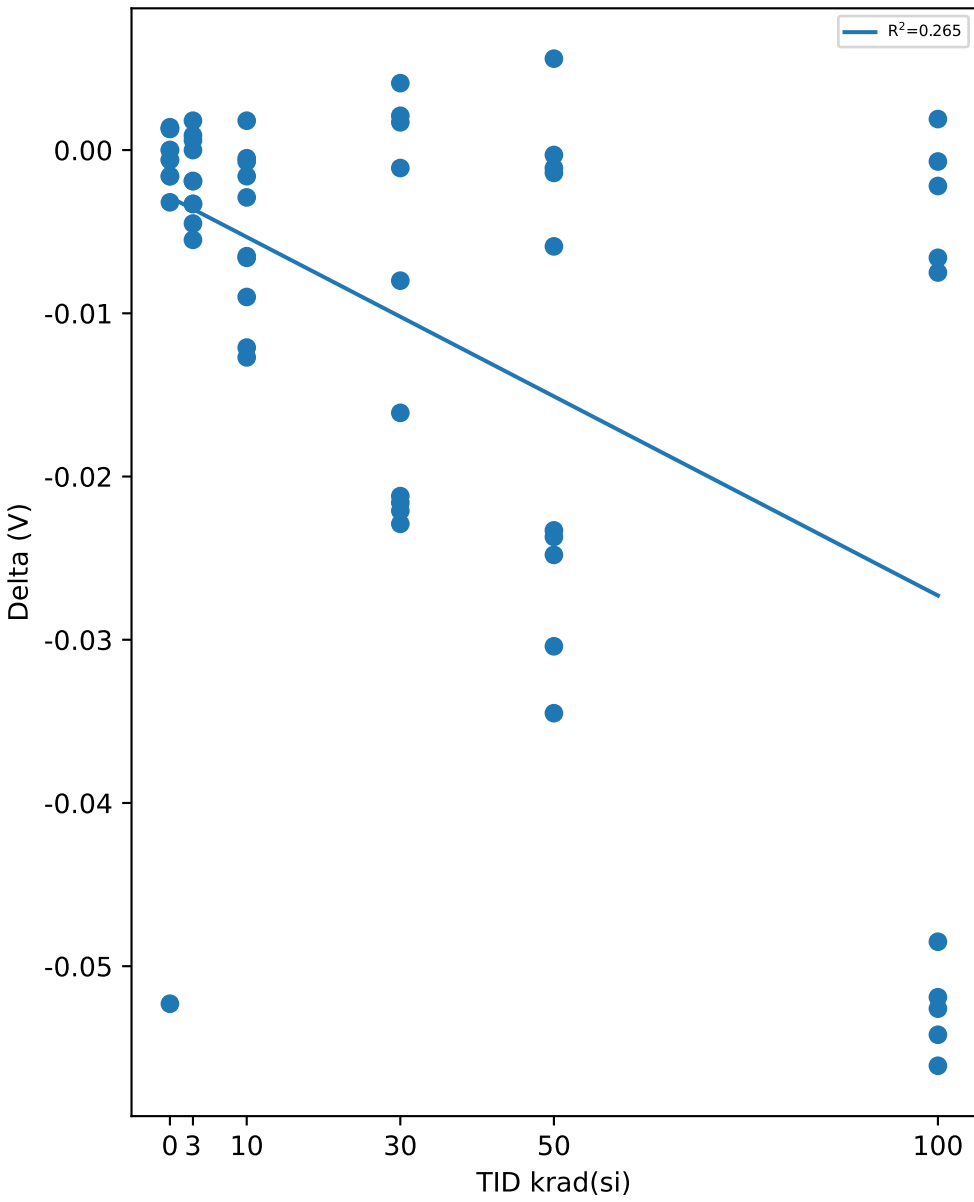
TID vs Result Stats



Test Results (Lower Limit = 3.4, Upper Limit = 3.8 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.6297	3.5774	-0.0523
516	0	CORRELATION	3.633	3.6344	0.0014
721	0	CORRELATION	3.6256	3.6224	-0.0032
723	0	CORRELATION	3.6426	3.642	-0.0006
729	0	CORRELATION	3.6383	3.6367	-0.0016
1000	3	Unbiased	3.6119	3.6086	-0.0033
1001	3	Unbiased	3.6333	3.6333	0
1002	3	Unbiased	3.6263	3.6269	0.0006
1003	3	Unbiased	3.6177	3.6195	0.0018
1004	3	Unbiased	3.6027	3.6036	0.0009
1005	3	Biased	3.6261	3.6242	-0.0019
1006	3	Biased	3.6338	3.6283	-0.0055
1007	3	Biased	3.6239	3.6206	-0.0033
1008	3	Biased	3.6062	3.6017	-0.0045
1009	3	Biased	3.6208	3.6189	-0.0019
1010	10	Unbiased	3.624	3.6258	0.0018
1011	10	Unbiased	3.6268	3.6263	-0.0005
1012	10	Unbiased	3.6274	3.6258	-0.0016
1013	10	Unbiased	3.6122	3.6093	-0.0029
1014	10	Unbiased	3.6155	3.6148	-0.0007
1015	10	Biased	3.6061	3.5995	-0.0066
1016	10	Biased	3.6291	3.6164	-0.0127
1017	10	Biased	3.6376	3.6286	-0.009
1018	10	Biased	3.6065	3.5944	-0.0121
1019	10	Biased	3.6208	3.6143	-0.0065
1020	30	Unbiased	3.6117	3.6106	-0.0011
1021	30	Unbiased	3.6391	3.6311	-0.008
1022	30	Unbiased	3.6205	3.6226	0.0021
1023	30	Unbiased	3.5982	3.5999	0.0017
1024	30	Unbiased	3.6292	3.6333	0.0041
1025	30	Biased	3.6252	3.604	-0.0212
1026	30	Biased	3.6363	3.6134	-0.0229
1027	30	Biased	3.6148	3.5927	-0.0221
1028	30	Biased	3.6068	3.5852	-0.0216
1029	30	Biased	3.608	3.5919	-0.0161
1030	50	Unbiased	3.6202	3.6258	0.0056
1031	50	Unbiased	3.6046	3.6032	-0.0014
1032	50	Unbiased	3.6022	3.6011	-0.0011
1033	50	Unbiased	3.613	3.6127	-0.0003
1034	50	Unbiased	3.6137	3.6078	-0.0059
1035	50	Biased-84Hr-Anneal	3.6285	3.6052	-0.0233
1036	50	Biased-84Hr-Anneal	3.623	3.5993	-0.0237
1037	50	Biased-84Hr-Anneal	3.6216	3.5871	-0.0345
1038	50	Biased-84Hr-Anneal	3.624	3.5936	-0.0304
1039	50	Biased-84Hr-Anneal	3.6211	3.5963	-0.0248
1040	100	Unbiased-168Hr-Anneal	3.6167	3.6092	-0.0075
1041	100	Unbiased-168Hr-Anneal	3.6152	3.6086	-0.0066
1042	100	Unbiased-168Hr-Anneal	3.6293	3.6286	-0.0007
1043	100	Unbiased-168Hr-Anneal	3.6336	3.6355	0.0019
1044	100	Unbiased-168Hr-Anneal	3.6225	3.6203	-0.0022
1045	100	Biased-168Hr-Anneal	3.6149	3.563	-0.0519
1046	100	Biased-168Hr-Anneal	3.6166	3.5605	-0.0561
1047	100	Biased-168Hr-Anneal	3.6162	3.5677	-0.0485
1048	100	Biased-168Hr-Anneal	3.6297	3.5755	-0.0542
1049	100	Biased-168Hr-Anneal	3.6281	3.5755	-0.0526

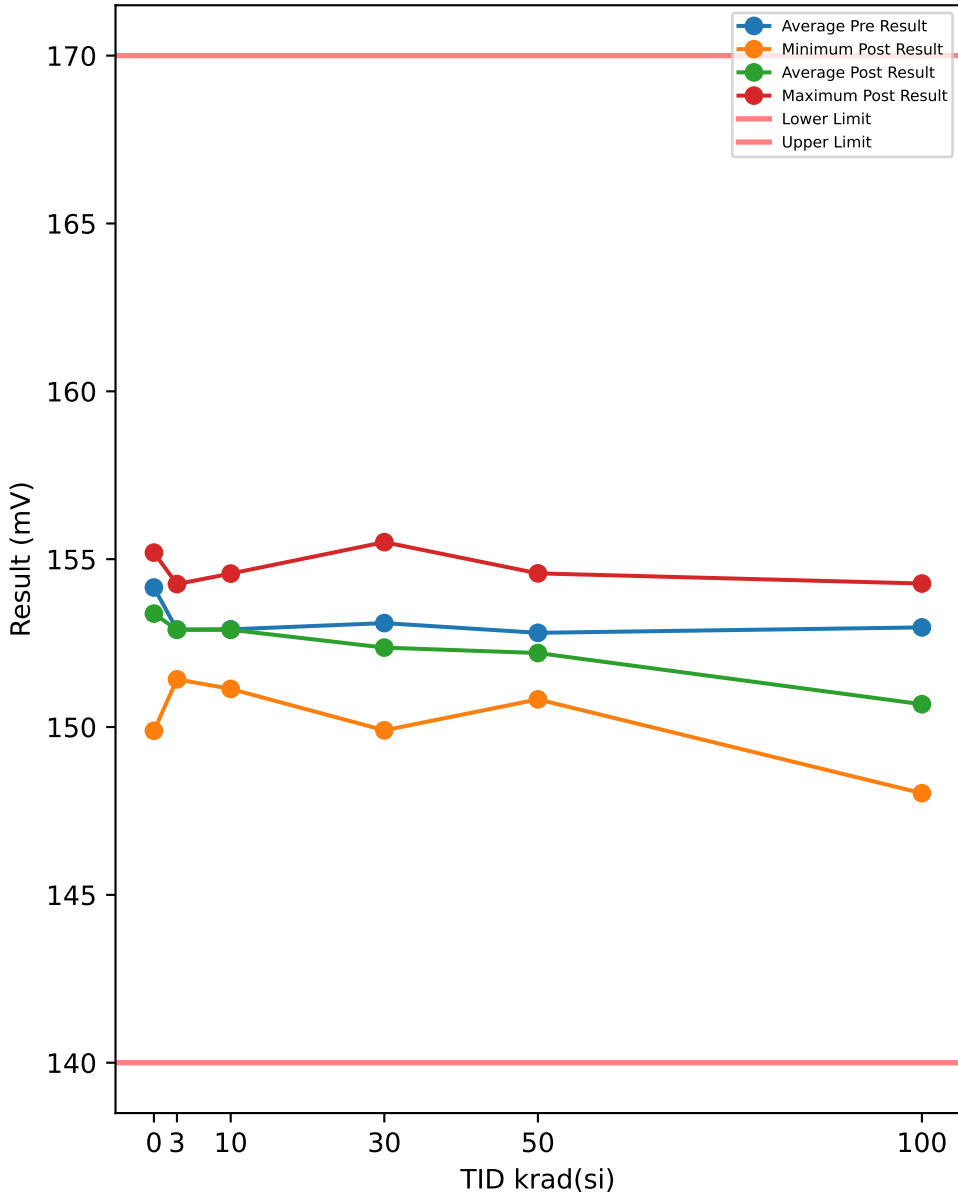
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6256	3.6338	3.6426	0.0067523	3.5774	3.6226	3.642	0.026256	-0.0523	-0.01126	0.0014	0.023003
3	3.6027	3.6203	3.6338	0.010646	3.6017	3.6186	3.6333	0.010677	-0.0055	-0.00171	0.0018	0.0024646
10	3.6061	3.6206	3.6376	0.010345	3.5944	3.6155	3.6286	0.011751	-0.0127	-0.00508	0.0018	0.0050706
30	3.5982	3.619	3.6391	0.013422	3.5852	3.6085	3.6333	0.016718	-0.0229	-0.01051	0.0041	0.011415
50	3.6022	3.6172	3.6285	0.0085945	3.5871	3.6032	3.6258	0.010774	-0.0345	-0.01398	0.0056	0.014716
100	3.6149	3.6223	3.6336	0.0072369	3.5605	3.5944	3.6355	0.028892	-0.0561	-0.02784	0.0019	0.026364

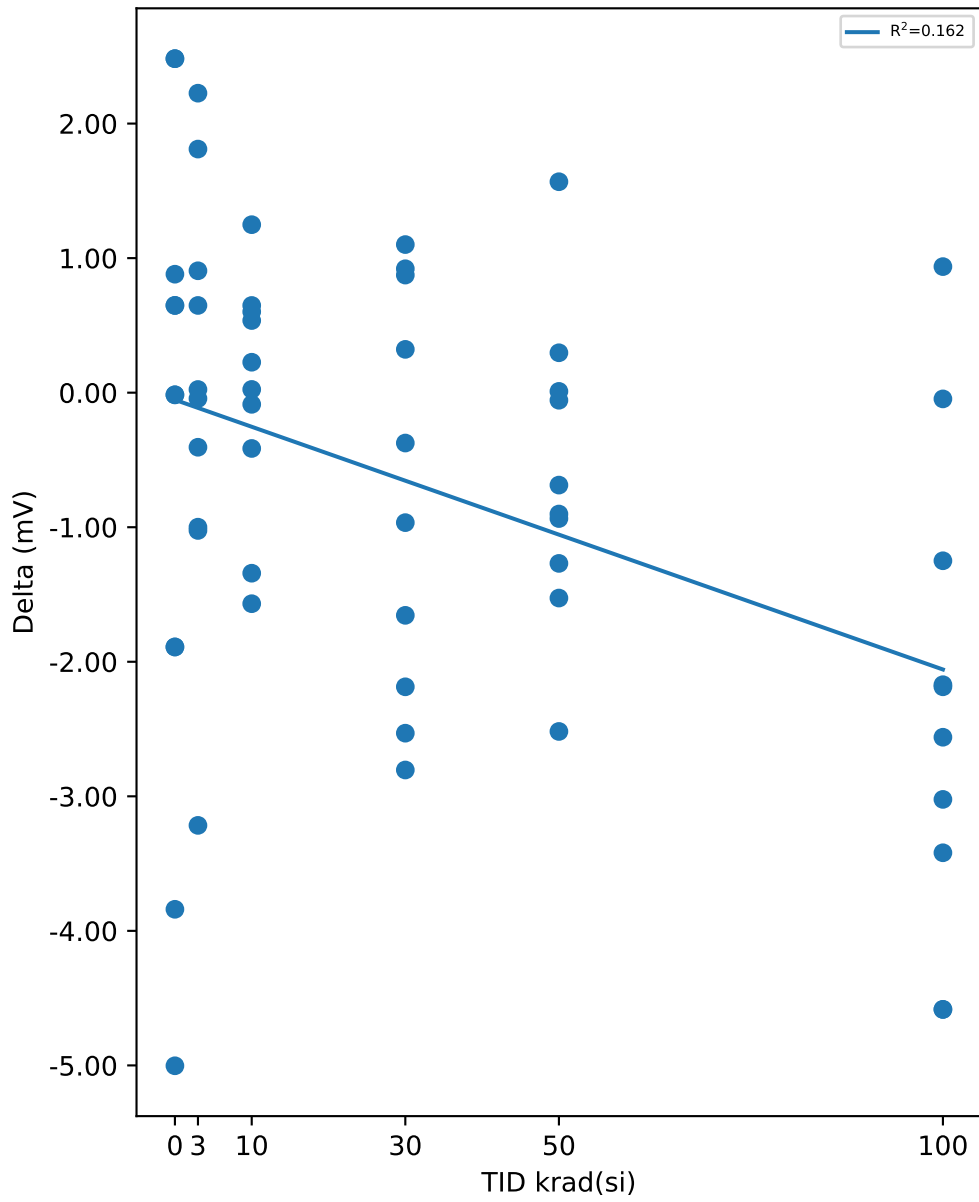
TID vs Result Stats



Test Results (Lower Limit = 140.0, Upper Limit = 170.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	154.89	149.89	-5.0027
516	0	CORRELATION	153.07	153.95	0.8805
721	0	CORRELATION	155.51	151.67	-3.8397
723	0	CORRELATION	152.71	153.36	0.6485
729	0	CORRELATION	154.59	152.7	-1.89
1000	3	Unbiased	153.02	152.61	-0.4056
1001	3	Unbiased	152.09	152.74	0.6483
1002	3	Unbiased	152.39	153.3	0.906
1003	3	Unbiased	152.45	154.26	1.8105
1004	3	Unbiased	151.45	153.67	2.2259
1005	3	Biased	152.71	152.74	0.0236
1006	3	Biased	156.14	152.92	-3.216
1007	3	Biased	151.46	151.42	-0.0436
1008	3	Biased	152.76	151.76	-0.9997
1009	3	Biased	154.57	153.55	-1.024
1010	10	Unbiased	153.7	154.3	0.6017
1011	10	Unbiased	153.7	153.92	0.2263
1012	10	Unbiased	153.32	154.57	1.2486
1013	10	Unbiased	153.33	151.99	-1.3418
1014	10	Unbiased	151.78	152.42	0.6482
1015	10	Biased	153.34	153.36	0.0241
1016	10	Biased	152.7	151.14	-1.5684
1017	10	Biased	152.71	152.3	-0.4146
1018	10	Biased	151.51	152.05	0.5362
1019	10	Biased	153.01	152.92	-0.0866
1020	30	Unbiased	151.76	150.79	-0.9659
1021	30	Unbiased	155.2	153.55	-1.6549
1022	30	Unbiased	152.76	153.63	0.874
1023	30	Unbiased	152.08	152.4	0.3219
1024	30	Unbiased	154.59	155.51	0.921
1025	30	Biased	151.2	152.3	1.1008
1026	30	Biased	154.89	152.36	-2.5308
1027	30	Biased	152.09	149.9	-2.1861
1028	30	Biased	151.82	151.45	-0.3743
1029	30	Biased	154.57	151.77	-2.8043
1030	50	Unbiased	152.76	152.07	-0.6869
1031	50	Unbiased	153.01	154.58	1.5678
1032	50	Unbiased	152.39	152.4	0.0096
1033	50	Unbiased	151.78	152.07	0.2966
1034	50	Unbiased	154.01	153.95	-0.0563
1035	50	Biased-84Hr-Anneal	152.05	151.15	-0.902
1036	50	Biased-84Hr-Anneal	152.72	151.45	-1.2689
1037	50	Biased-84Hr-Anneal	152.68	151.15	-1.5264
1038	50	Biased-84Hr-Anneal	153.34	150.82	-2.5179
1039	50	Biased-84Hr-Anneal	153.33	152.39	-0.9355
1040	100	Unbiased-168Hr-Anneal	151.45	150.2	-1.2493
1041	100	Unbiased-168Hr-Anneal	151.2	151.15	-0.0463
1042	100	Unbiased-168Hr-Anneal	153.7	151.14	-2.5609
1043	100	Unbiased-168Hr-Anneal	153.34	154.27	0.937
1044	100	Unbiased-168Hr-Anneal	154.89	152.7	-2.186
1045	100	Biased-168Hr-Anneal	152.7	149.28	-3.4196
1046	100	Biased-168Hr-Anneal	152.61	148.03	-4.5841
1047	100	Biased-168Hr-Anneal	153.95	151.78	-2.1705
1048	100	Biased-168Hr-Anneal	151.99	148.97	-3.0229
1049	100	Biased-168Hr-Anneal	153.86	149.28	-4.5833

TID vs Post - Pre Exposure Delta

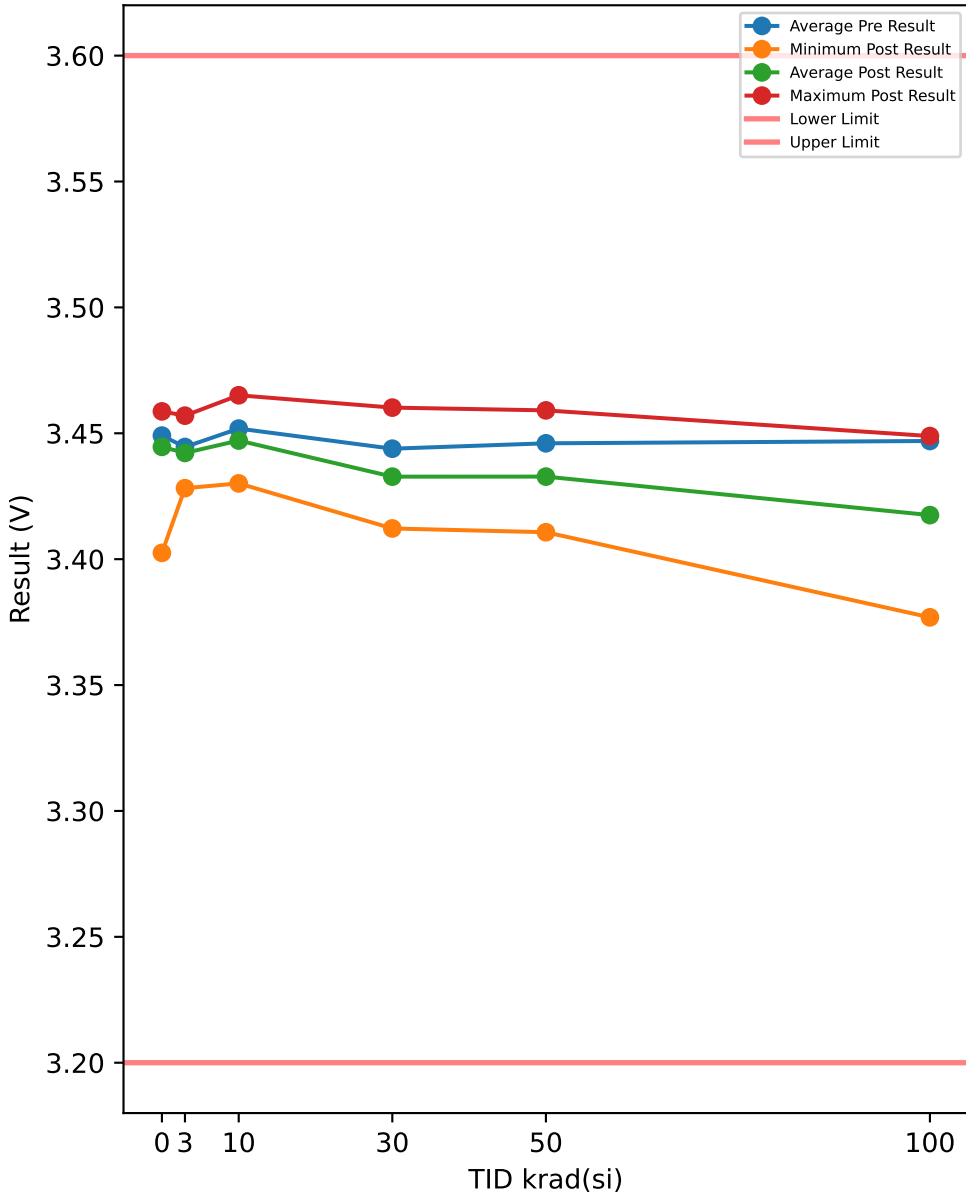


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	152.71	154.16	155.51	1.2068	149.89	152.31	153.95	1.599	-5.0027	-1.8407	0.8805	2.6267
3	151.45	152.9	156.14	1.4392	151.42	152.9	154.26	0.85932	-3.216	-0.00746	2.2259	1.5646
10	151.51	152.91	153.7	0.75297	151.14	152.9	154.57	1.1191	-1.5684	-0.01263	1.2486	0.88936
30	151.2	153.1	155.2	1.5355	149.9	152.37	155.51	1.5853	-2.8043	-0.72986	1.1008	1.5078
50	151.78	152.81	154.01	0.65594	150.82	152.2	154.58	1.2244	-2.5179	-0.60199	1.5678	1.1238
100	151.2	152.97	154.89	1.1887	148.03	150.68	154.27	1.9085	-4.5841	-2.2886	0.937	1.794

Device Test: 14.19 THRESHOLD|RISE/PVIN/14////@UVLO_RISE_PVIN

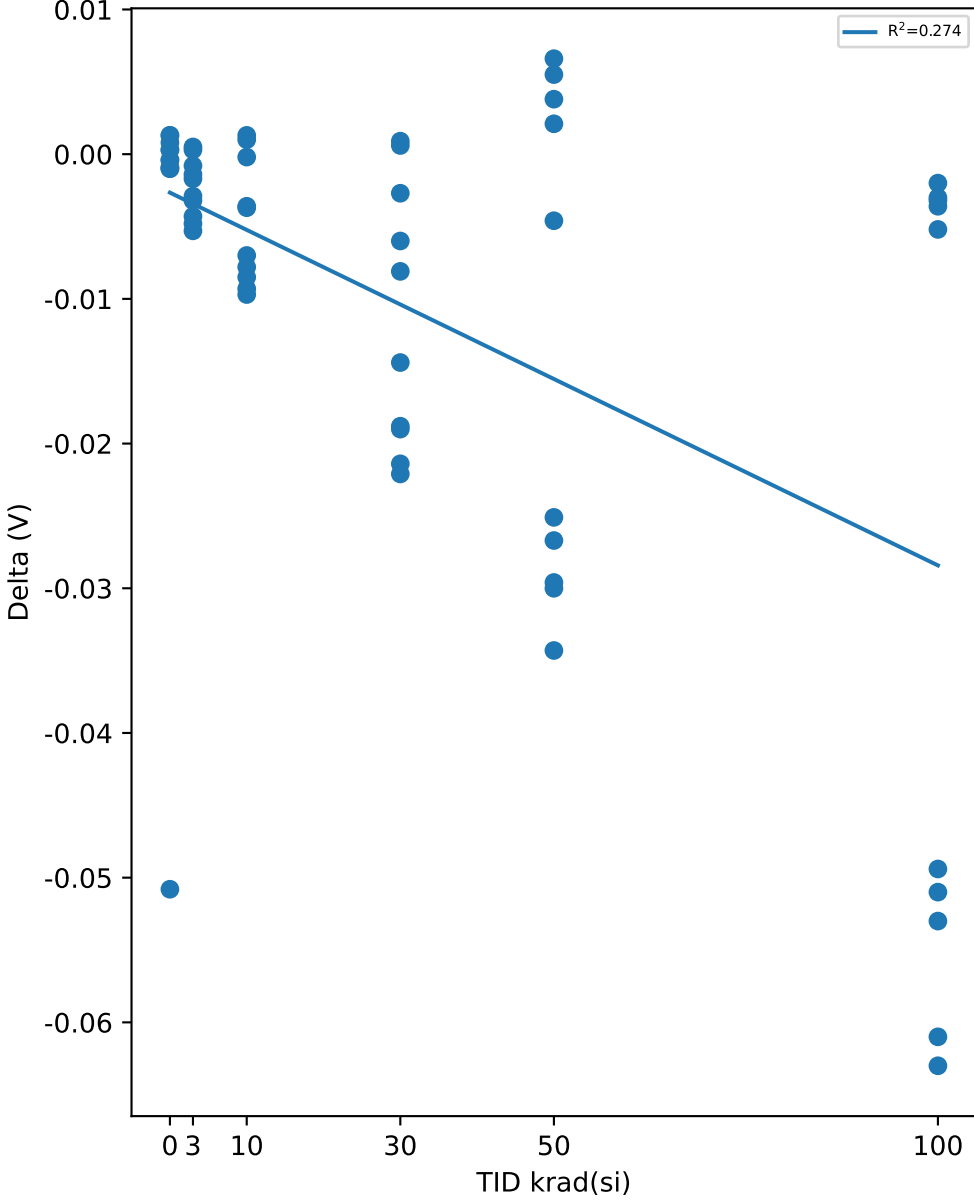
TID vs Result Stats



Test Results (Lower Limit = 3.2, Upper Limit = 3.6 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.4533	3.4025	-0.0508
516	0	CORRELATION	3.4506	3.4497	-0.0009
721	0	CORRELATION	3.4429	3.4437	0.0008
723	0	CORRELATION	3.4412	3.4415	0.0003
729	0	CORRELATION	3.4574	3.4587	0.0013
1000	3	Unbiased	3.438	3.4385	0.0005
1001	3	Unbiased	3.4487	3.449	0.0003
1002	3	Unbiased	3.4578	3.457	-0.0008
1003	3	Unbiased	3.4461	3.4447	-0.0014
1004	3	Unbiased	3.4574	3.4545	-0.0029
1005	3	Biased	3.4376	3.4328	-0.0048
1006	3	Biased	3.4325	3.4282	-0.0043
1007	3	Biased	3.4477	3.4424	-0.0053
1008	3	Biased	3.4318	3.4301	-0.0017
1009	3	Biased	3.4479	3.4447	-0.0032
1010	10	Unbiased	3.4555	3.4519	-0.0036
1011	10	Unbiased	3.4688	3.4651	-0.0037
1012	10	Unbiased	3.4626	3.4636	0.001
1013	10	Unbiased	3.4335	3.4333	-0.0002
1014	10	Unbiased	3.4604	3.4617	0.0013
1015	10	Biased	3.4448	3.4363	-0.0085
1016	10	Biased	3.4371	3.4301	-0.007
1017	10	Biased	3.4496	3.4418	-0.0078
1018	10	Biased	3.451	3.4417	-0.0093
1019	10	Biased	3.4554	3.4457	-0.0097
1020	30	Unbiased	3.4629	3.4602	-0.0027
1021	30	Unbiased	3.4436	3.4376	-0.006
1022	30	Unbiased	3.4415	3.4334	-0.0081
1023	30	Unbiased	3.4267	3.4276	0.0009
1024	30	Unbiased	3.4318	3.4324	0.0006
1025	30	Biased	3.4665	3.4444	-0.0221
1026	30	Biased	3.4413	3.4225	-0.0188
1027	30	Biased	3.4483	3.4269	-0.0214
1028	30	Biased	3.4312	3.4122	-0.019
1029	30	Biased	3.445	3.4306	-0.0144
1030	50	Unbiased	3.4493	3.4531	0.0038
1031	50	Unbiased	3.4525	3.4591	0.0066
1032	50	Unbiased	3.4286	3.4341	0.0055
1033	50	Unbiased	3.4246	3.42	-0.0046
1034	50	Unbiased	3.4363	3.4384	0.0021
1035	50	Biased-84Hr-Anneal	3.4549	3.4298	-0.0251
1036	50	Biased-84Hr-Anneal	3.4539	3.4272	-0.0267
1037	50	Biased-84Hr-Anneal	3.4403	3.4107	-0.0296
1038	50	Biased-84Hr-Anneal	3.4588	3.4288	-0.03
1039	50	Biased-84Hr-Anneal	3.461	3.4267	-0.0343
1040	100	Unbiased-168Hr-Anneal	3.4441	3.4421	-0.002
1041	100	Unbiased-168Hr-Anneal	3.4419	3.4367	-0.0052
1042	100	Unbiased-168Hr-Anneal	3.4519	3.4489	-0.003
1043	100	Unbiased-168Hr-Anneal	3.4506	3.447	-0.0036
1044	100	Unbiased-168Hr-Anneal	3.4403	3.4371	-0.0032
1045	100	Biased-168Hr-Anneal	3.4503	3.3893	-0.061
1046	100	Biased-168Hr-Anneal	3.4299	3.3769	-0.053
1047	100	Biased-168Hr-Anneal	3.4533	3.4039	-0.0494
1048	100	Biased-168Hr-Anneal	3.4506	3.3876	-0.063
1049	100	Biased-168Hr-Anneal	3.4565	3.4055	-0.051

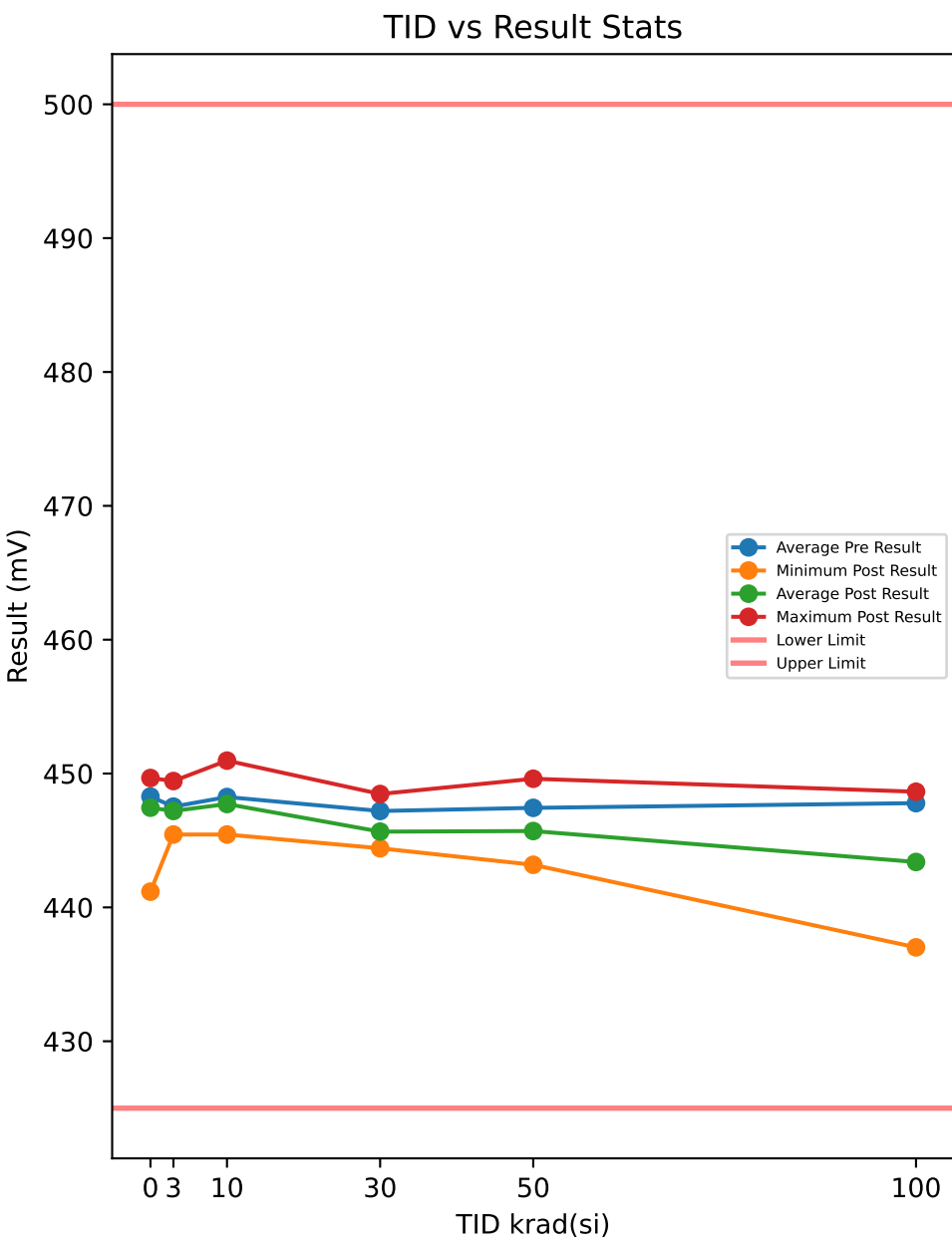
TID vs Post - Pre Exposure Delta



Test Statistics (V)

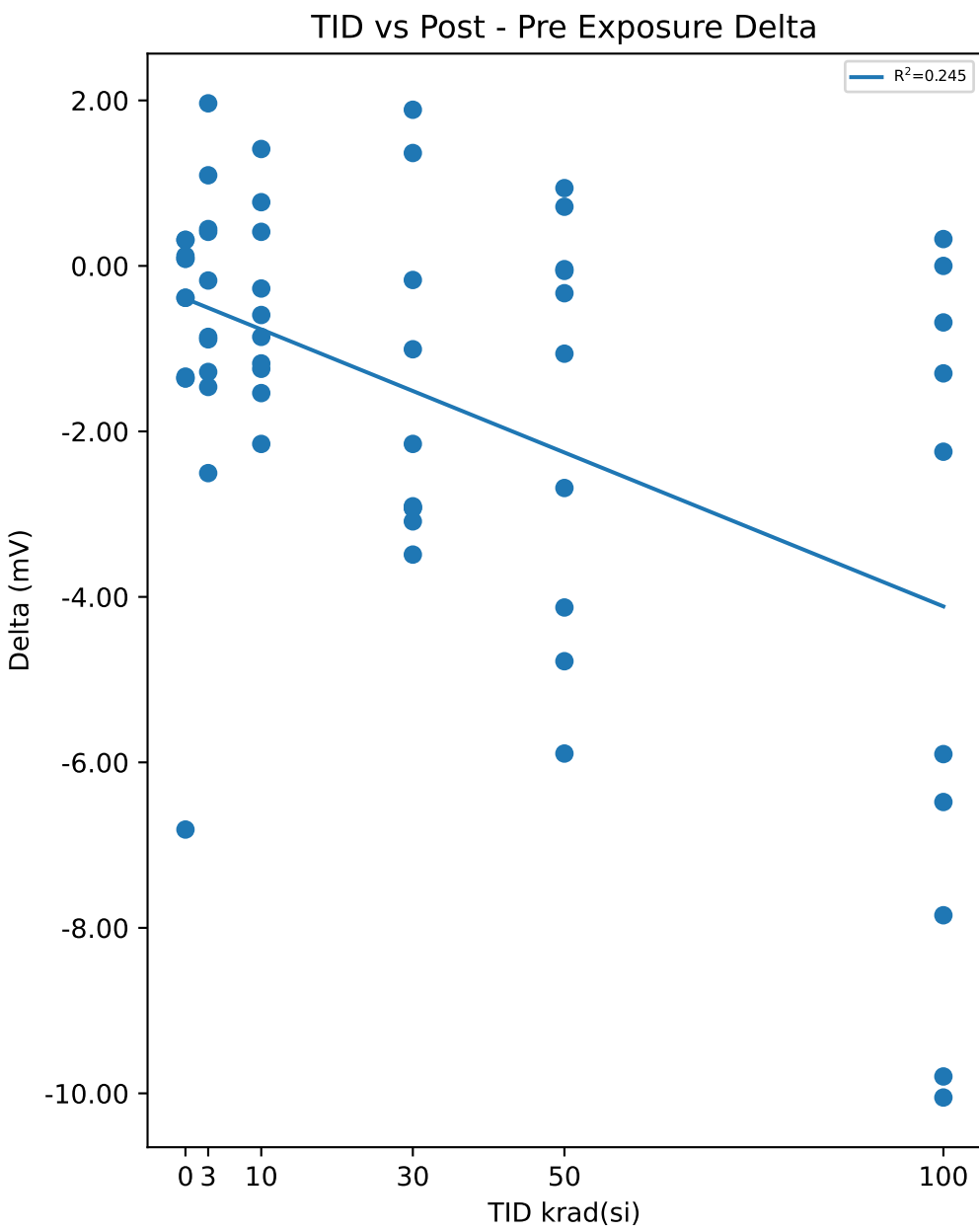
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4412	3.4491	3.4574	0.0068853	3.4025	3.4392	3.4587	0.021581	-0.0508	-0.00986	0.0013	0.022901
3	3.4318	3.4446	3.4578	0.009312	3.4282	3.4422	3.457	0.0098521	-0.0053	-0.00236	0.0005	0.0020657
10	3.4335	3.4519	3.4688	0.011114	3.4301	3.4471	3.4651	0.012857	-0.0097	-0.00475	0.0013	0.0043002
30	3.4267	3.4439	3.4665	0.012946	3.4122	3.4328	3.4602	0.012936	-0.0221	-0.0111	0.0009	0.0091052
50	3.4246	3.446	3.461	0.012784	3.4107	3.4328	3.4591	0.014463	-0.0343	-0.01323	0.0066	0.017189
100	3.4299	3.4469	3.4565	0.0079053	3.3769	3.4175	3.4489	0.02765	-0.063	-0.02944	-0.002	0.027762

Device Test: 14.21 THRESHOLD|HYST/PVIN/14////@UVLO_HYST_PVIN



Test Results (Lower Limit = 425.0, Upper Limit = 500.0 (mV))

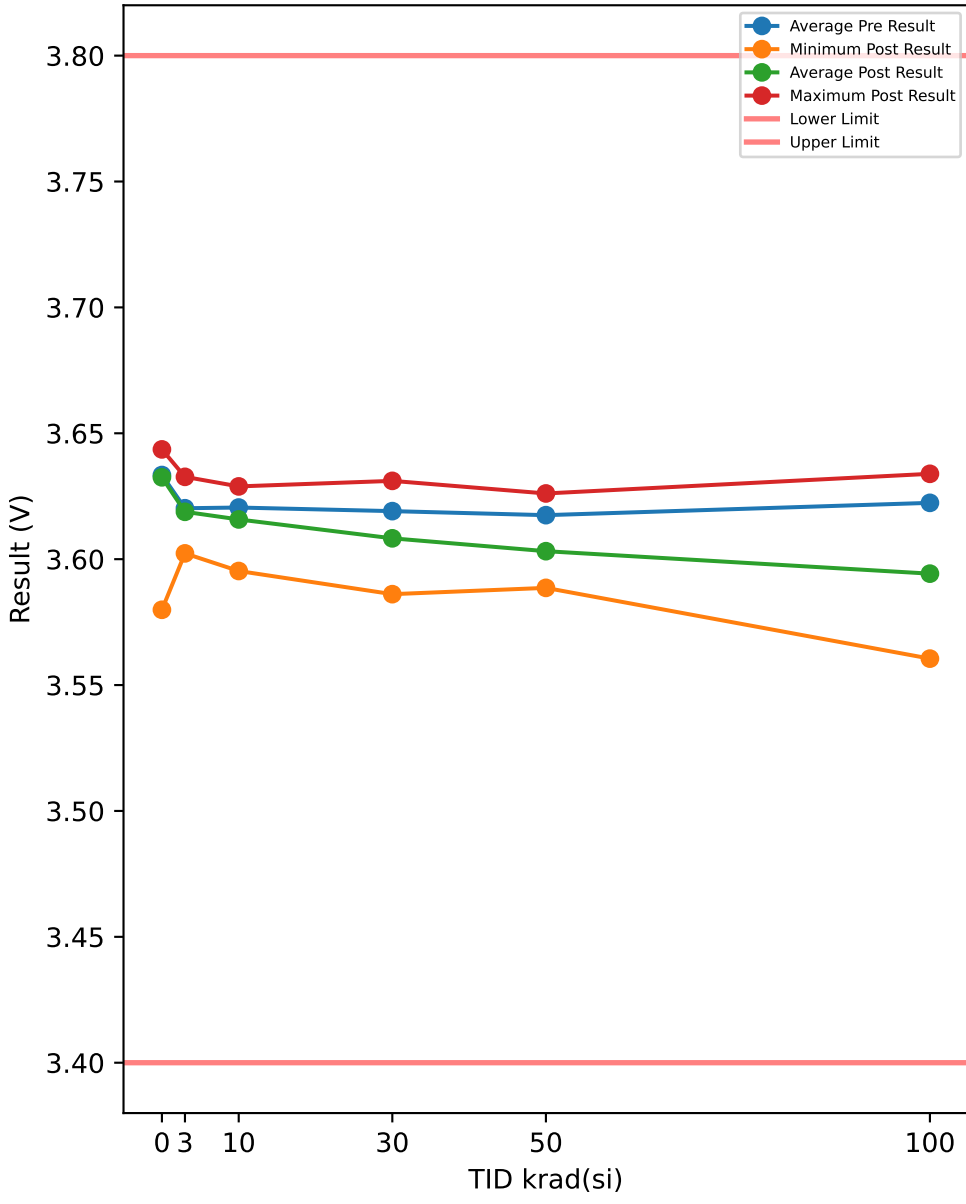
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	447.99	441.18	-6.8119
516	0	CORRELATION	450.3	448.96	-1.3381
721	0	CORRELATION	446.04	446.16	0.121
723	0	CORRELATION	447.73	447.82	0.0868
729	0	CORRELATION	449.35	449.67	0.3146
1000	3	Unbiased	445.71	446.81	1.0952
1001	3	Unbiased	448.38	448.79	0.4118
1002	3	Unbiased	449.61	448.15	-1.463
1003	3	Unbiased	448.35	447.07	-1.2816
1004	3	Unbiased	449.62	449.44	-0.1764
1005	3	Biased	446.75	445.87	-0.8876
1006	3	Biased	445.39	445.84	0.4454
1007	3	Biased	448.7	446.2	-2.5042
1008	3	Biased	443.48	445.45	1.9648
1009	3	Biased	449.29	448.43	-0.8576
1010	10	Unbiased	447.7	449.11	1.413
1011	10	Unbiased	450.95	448.8	-2.1516
1012	10	Unbiased	451.24	450.97	-0.2733
1013	10	Unbiased	444.74	445.51	0.7702
1014	10	Unbiased	450	450.41	0.4118
1015	10	Biased	447.08	445.54	-1.537
1016	10	Biased	446.04	445.45	-0.5934
1017	10	Biased	447.73	446.49	-1.2436
1018	10	Biased	448.03	446.85	-1.1786
1019	10	Biased	448.97	448.11	-0.8577
1020	30	Unbiased	448.64	448.47	-0.1701
1021	30	Unbiased	447.99	445.84	-2.1514
1022	30	Unbiased	447.38	444.47	-2.9051
1023	30	Unbiased	443.44	444.81	1.3644
1024	30	Unbiased	445.13	447.02	1.8871
1025	30	Biased	450.3	446.81	-3.4889
1026	30	Biased	448.31	445.22	-3.0874
1027	30	Biased	448.05	445.13	-2.9219
1028	30	Biased	445.43	444.42	-1.0074
1029	30	Biased	447.34	444.42	-2.9272
1030	50	Unbiased	448.03	448.97	0.9401
1031	50	Unbiased	449.94	449.61	-0.3301
1032	50	Unbiased	445.39	446.11	0.7151
1033	50	Unbiased	444.81	444.75	-0.0603
1034	50	Unbiased	446.08	446.04	-0.0393
1035	50	Biased-84Hr-Anneal	446.84	445.78	-1.0609
1036	50	Biased-84Hr-Anneal	448.55	444.42	-4.1283
1037	50	Biased-84Hr-Anneal	445.87	443.18	-2.6841
1038	50	Biased-84Hr-Anneal	449.52	444.75	-4.7775
1039	50	Biased-84Hr-Anneal	449.34	443.44	-5.8934
1040	100	Unbiased-168Hr-Anneal	446.04	446.37	0.3245
1041	100	Unbiased-168Hr-Anneal	446.73	444.48	-2.2457
1042	100	Unbiased-168Hr-Anneal	449.32	448.64	-0.6832
1043	100	Unbiased-168Hr-Anneal	449.35	448.05	-1.2989
1044	100	Unbiased-168Hr-Anneal	446.04	446.04	0
1045	100	Biased-168Hr-Anneal	449.01	438.96	-10.05
1046	100	Biased-168Hr-Anneal	444.86	437.01	-7.8477
1047	100	Biased-168Hr-Anneal	449.34	442.86	-6.4791
1048	100	Biased-168Hr-Anneal	448.43	438.64	-9.7961
1049	100	Biased-168Hr-Anneal	448.76	442.86	-5.9003



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	446.04	448.28	450.3	1.6306	441.18	446.76	449.67	3.3895	-6.8119	-1.5255	0.3146	3.0281
3	443.48	447.53	449.62	2.0927	445.45	447.2	449.44	1.4082	-2.5042	-0.32532	1.9648	1.3324
10	444.74	448.25	451.24	2.0813	445.45	447.72	450.97	2.058	-2.1516	-0.52402	1.413	1.1107
30	443.44	447.2	450.3	1.9959	444.42	445.66	448.47	1.366	-3.4889	-1.5408	1.8871	1.9609
50	444.81	447.44	449.94	1.8733	443.18	445.7	449.61	2.1378	-5.8934	-1.7319	0.9401	2.4596
100	444.86	447.79	449.35	1.6948	437.01	443.39	448.64	4.0799	-10.05	-4.3977	0.3245	4.0724

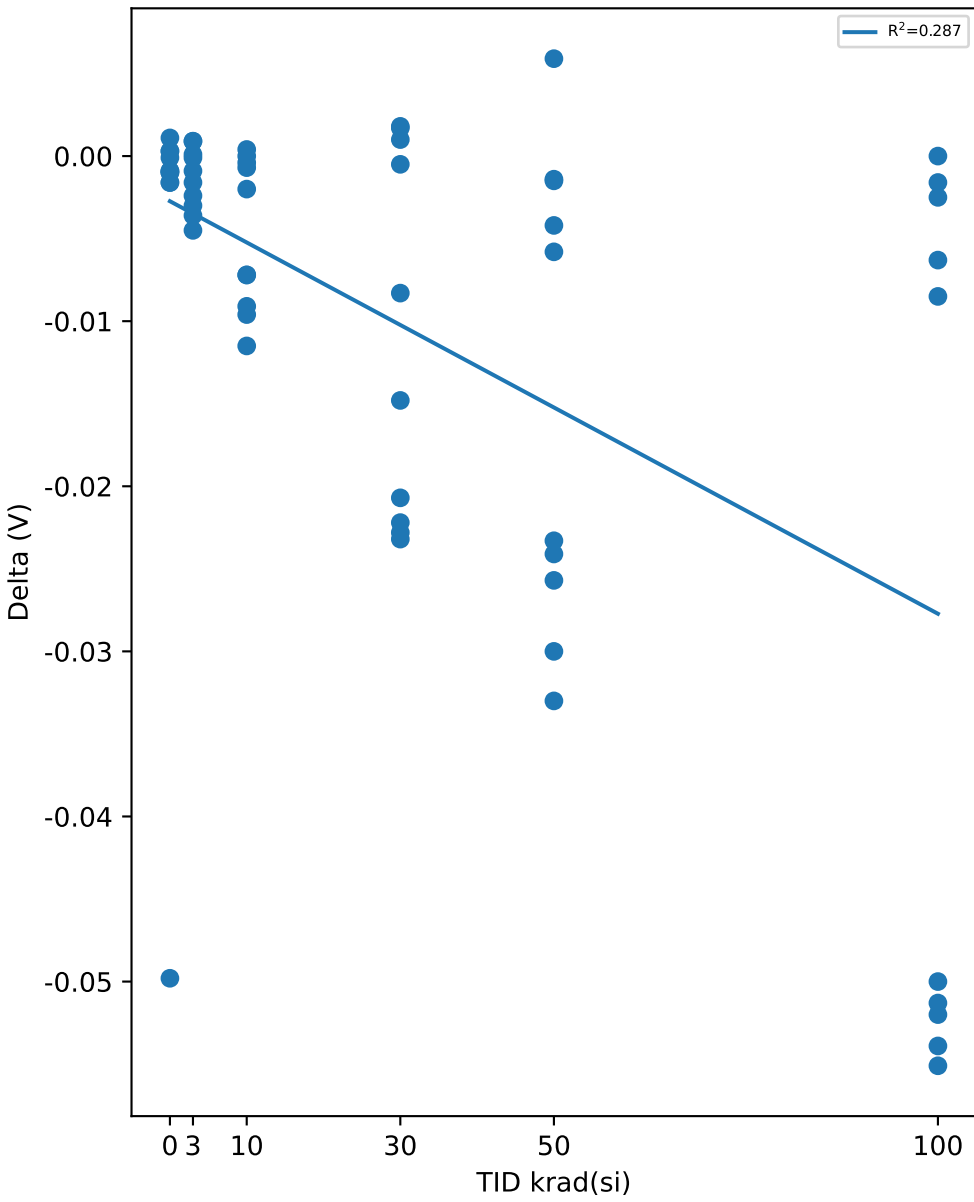
TID vs Result Stats



Test Results (Lower Limit = 3.4, Upper Limit = 3.8 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.6297	3.5799	-0.0498
516	0	CORRELATION	3.6327	3.6338	0.0011
721	0	CORRELATION	3.6228	3.6227	-0.0001
723	0	CORRELATION	3.6433	3.6423	-0.001
729	0	CORRELATION	3.6386	3.637	-0.0016
1000	3	Unbiased	3.6125	3.6089	-0.0036
1001	3	Unbiased	3.6326	3.6327	0.0001
1002	3	Unbiased	3.626	3.6269	0.0009
1003	3	Unbiased	3.618	3.6189	0.0009
1004	3	Unbiased	3.6043	3.6042	-0.0001
1005	3	Biased	3.6261	3.6252	-0.0009
1006	3	Biased	3.6316	3.6292	-0.0024
1007	3	Biased	3.6239	3.6209	-0.003
1008	3	Biased	3.6068	3.6023	-0.0045
1009	3	Biased	3.6205	3.6189	-0.0016
1010	10	Unbiased	3.6243	3.6236	-0.0007
1011	10	Unbiased	3.6262	3.6266	0.0004
1012	10	Unbiased	3.627	3.627	0
1013	10	Unbiased	3.6116	3.6096	-0.002
1014	10	Unbiased	3.6152	3.6148	-0.0004
1015	10	Biased	3.6067	3.5995	-0.0072
1016	10	Biased	3.6288	3.6192	-0.0096
1017	10	Biased	3.638	3.6289	-0.0091
1018	10	Biased	3.6068	3.5953	-0.0115
1019	10	Biased	3.6205	3.6133	-0.0072
1020	30	Unbiased	3.6114	3.6109	-0.0005
1021	30	Unbiased	3.6394	3.6311	-0.0083
1022	30	Unbiased	3.6202	3.622	0.0018
1023	30	Unbiased	3.5982	3.5999	0.0017
1024	30	Unbiased	3.6295	3.6305	0.001
1025	30	Biased	3.6262	3.604	-0.0222
1026	30	Biased	3.6366	3.6134	-0.0232
1027	30	Biased	3.6148	3.592	-0.0228
1028	30	Biased	3.6068	3.5861	-0.0207
1029	30	Biased	3.6077	3.5929	-0.0148
1030	50	Unbiased	3.6202	3.6261	0.0059
1031	50	Unbiased	3.6067	3.6025	-0.0042
1032	50	Unbiased	3.6022	3.6008	-0.0014
1033	50	Unbiased	3.6142	3.6127	-0.0015
1034	50	Unbiased	3.613	3.6072	-0.0058
1035	50	Biased-84Hr-Anneal	3.6285	3.6052	-0.0233
1036	50	Biased-84Hr-Anneal	3.6237	3.5996	-0.0241
1037	50	Biased-84Hr-Anneal	3.6216	3.5886	-0.033
1038	50	Biased-84Hr-Anneal	3.6233	3.5933	-0.03
1039	50	Biased-84Hr-Anneal	3.6214	3.5957	-0.0257
1040	100	Unbiased-168Hr-Anneal	3.6174	3.6089	-0.0085
1041	100	Unbiased-168Hr-Anneal	3.6146	3.6083	-0.0063
1042	100	Unbiased-168Hr-Anneal	3.6299	3.6283	-0.0016
1043	100	Unbiased-168Hr-Anneal	3.6339	3.6339	0
1044	100	Unbiased-168Hr-Anneal	3.6222	3.6197	-0.0025
1045	100	Biased-168Hr-Anneal	3.6149	3.5636	-0.0513
1046	100	Biased-168Hr-Anneal	3.6156	3.5605	-0.0551
1047	100	Biased-168Hr-Anneal	3.6174	3.5674	-0.05
1048	100	Biased-168Hr-Anneal	3.6297	3.5758	-0.0539
1049	100	Biased-168Hr-Anneal	3.6281	3.5761	-0.052

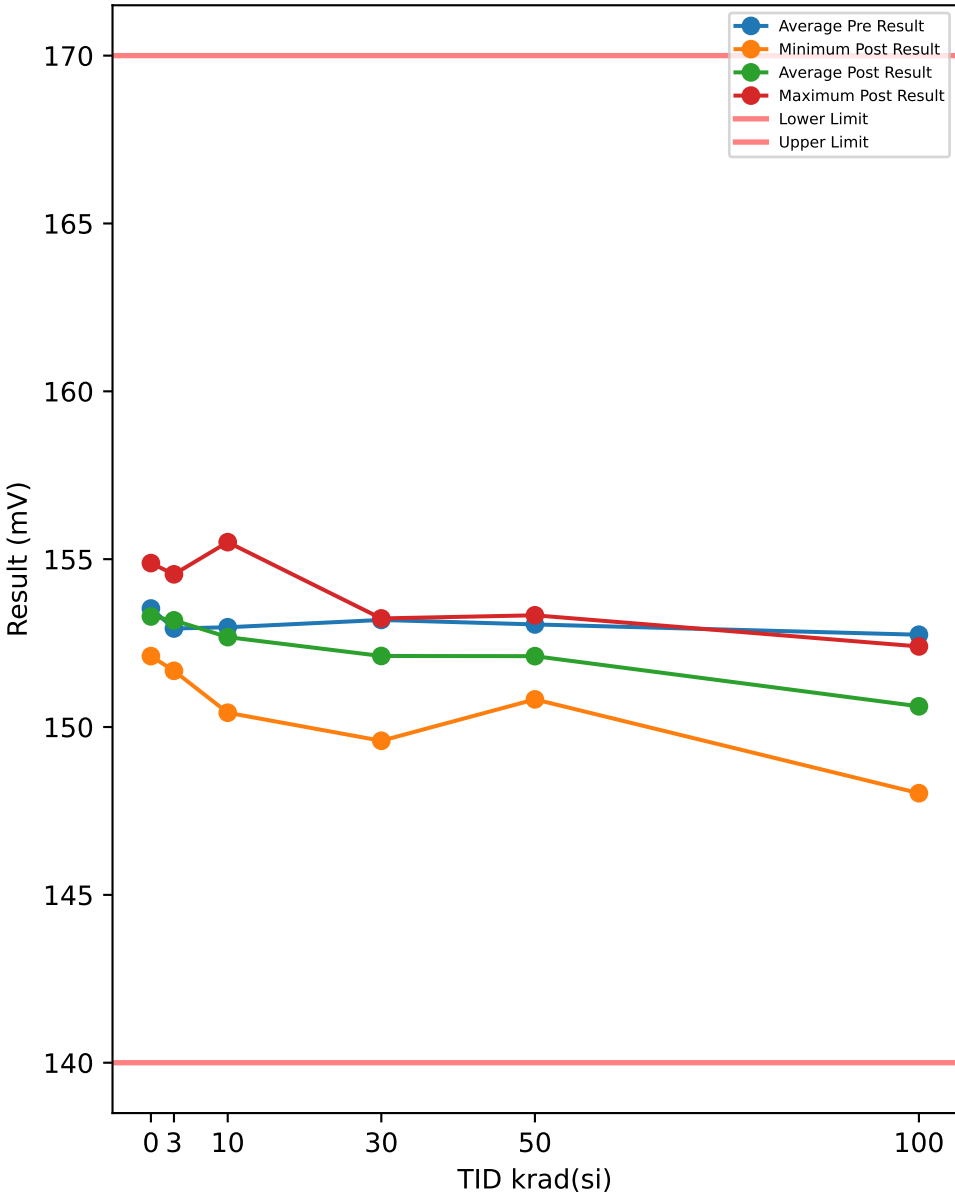
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.6228	3.6334	3.6433	0.0079308	3.5799	3.6231	3.6423	0.025213	-0.0498	-0.01028	0.0011	0.022116
3	3.6043	3.6202	3.6326	0.0097891	3.6023	3.6188	3.6327	0.010519	-0.0045	-0.00142	0.0009	0.0019095
10	3.6067	3.6205	3.638	0.010273	3.5953	3.6158	3.6289	0.011632	-0.0115	-0.00473	0.0004	0.0046186
30	3.5982	3.6191	3.6394	0.013638	3.5861	3.6083	3.6311	0.016048	-0.0232	-0.0108	0.0018	0.011097
50	3.6022	3.6175	3.6285	0.0082614	3.5886	3.6032	3.6261	0.010652	-0.033	-0.01431	0.0059	0.014204
100	3.6146	3.6224	3.6339	0.0073609	3.5605	3.5943	3.6339	0.028403	-0.0551	-0.02812	0	0.025799

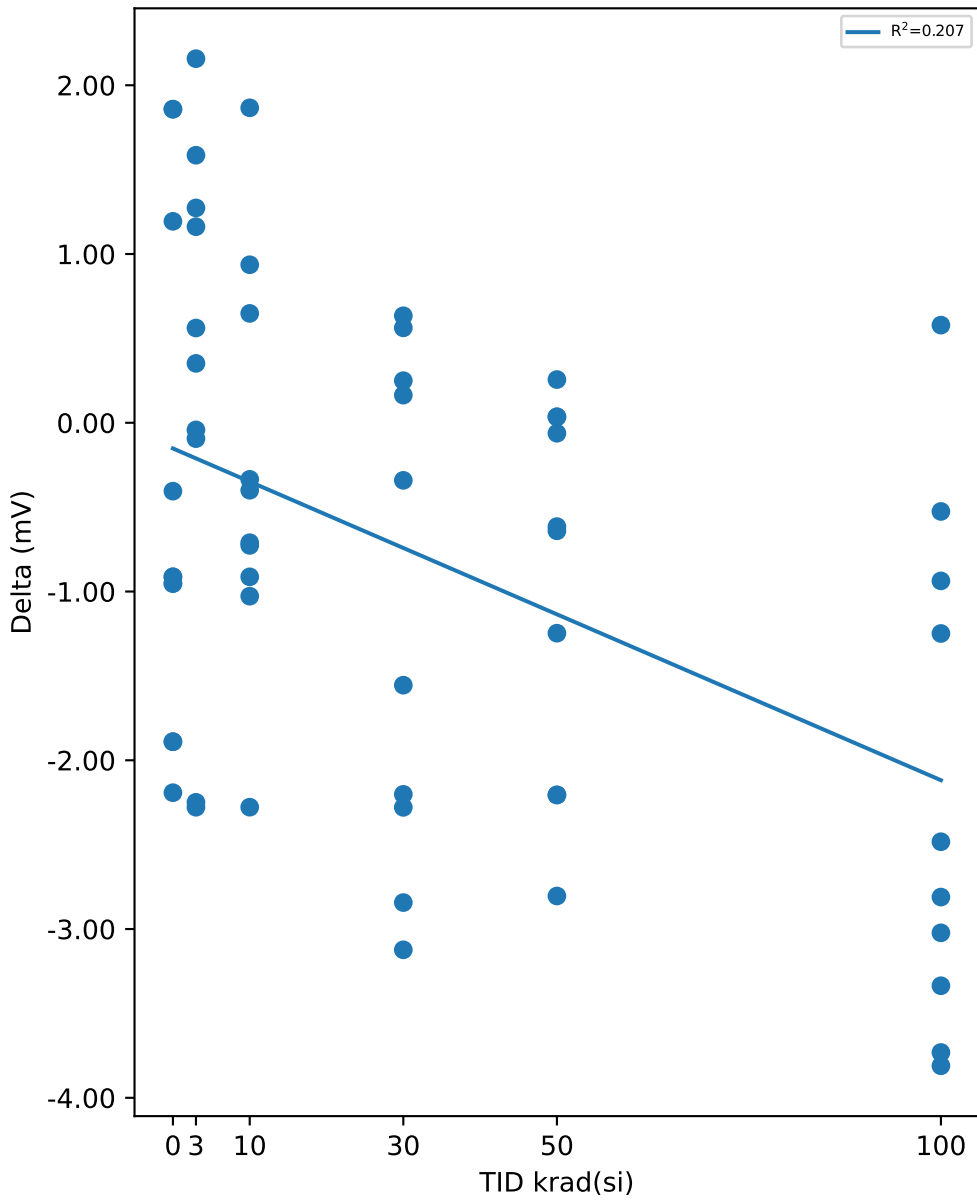
TID vs Result Stats



Test Results (Lower Limit = 140.0, Upper Limit = 170.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	154.58	152.39	-2.1921
516	0	CORRELATION	152.45	153.64	1.1937
721	0	CORRELATION	152.7	152.3	-0.4053
723	0	CORRELATION	153.03	152.11	-0.913
729	0	CORRELATION	154.9	153.01	-1.8899
1000	3	Unbiased	153.95	151.67	-2.2783
1001	3	Unbiased	151.15	152.74	1.5855
1002	3	Unbiased	152.39	154.55	2.1575
1003	3	Unbiased	153.07	153.63	0.5615
1004	3	Unbiased	152.7	153.05	0.3519
1005	3	Biased	152.71	153.99	1.2731
1006	3	Biased	153.95	153.86	-0.094
1007	3	Biased	152.4	152.36	-0.0422
1008	3	Biased	154.32	152.07	-2.249
1009	3	Biased	152.7	153.86	1.1618
1010	10	Unbiased	153.7	153.36	-0.3352
1011	10	Unbiased	153.38	152.98	-0.3998
1012	10	Unbiased	154.57	155.51	0.9363
1013	10	Unbiased	152.7	150.43	-2.2779
1014	10	Unbiased	151.15	151.8	0.648
1015	10	Biased	154.27	153.36	-0.9129
1016	10	Biased	152.39	154.26	1.8663
1017	10	Biased	153.03	152.3	-0.7267
1018	10	Biased	151.82	150.79	-1.0276
1019	10	Biased	152.7	151.99	-0.7107
1020	30	Unbiased	151.14	150.79	-0.3412
1021	30	Unbiased	155.51	153.24	-2.279
1022	30	Unbiased	152.45	152.7	0.2494
1023	30	Unbiased	151.77	152.4	0.634
1024	30	Unbiased	154.9	152.7	-2.2018
1025	30	Biased	152.13	152.3	0.1638
1026	30	Biased	155.2	152.36	-2.8431
1027	30	Biased	152.71	149.59	-3.1231
1028	30	Biased	151.82	152.38	0.5625
1029	30	Biased	154.26	152.7	-1.5549
1030	50	Unbiased	152.45	152.38	-0.0622
1031	50	Unbiased	155.82	153.02	-2.8042
1032	50	Unbiased	152.39	151.78	-0.6153
1033	50	Unbiased	153.03	152.39	-0.6402
1034	50	Unbiased	153.07	153.33	0.2561
1035	50	Biased-84Hr-Anneal	151.74	151.78	0.0351
1036	50	Biased-84Hr-Anneal	153.03	150.82	-2.2054
1037	50	Biased-84Hr-Anneal	152.68	152.71	0.035
1038	50	Biased-84Hr-Anneal	153.03	150.82	-2.2054
1039	50	Biased-84Hr-Anneal	153.33	152.08	-1.2469
1040	100	Unbiased-168Hr-Anneal	152.38	151.14	-1.2486
1041	100	Unbiased-168Hr-Anneal	150.57	151.15	0.5786
1042	100	Unbiased-168Hr-Anneal	154.01	150.2	-3.8102
1043	100	Unbiased-168Hr-Anneal	153.34	152.4	-0.937
1044	100	Unbiased-168Hr-Anneal	154.89	152.08	-2.8105
1045	100	Biased-168Hr-Anneal	152.7	150.21	-2.4826
1046	100	Biased-168Hr-Anneal	151.36	148.03	-3.336
1047	100	Biased-168Hr-Anneal	155.2	151.46	-3.7315
1048	100	Biased-168Hr-Anneal	150.43	149.9	-0.5255
1049	100	Biased-168Hr-Anneal	152.61	149.59	-3.0224

TID vs Post - Pre Exposure Delta

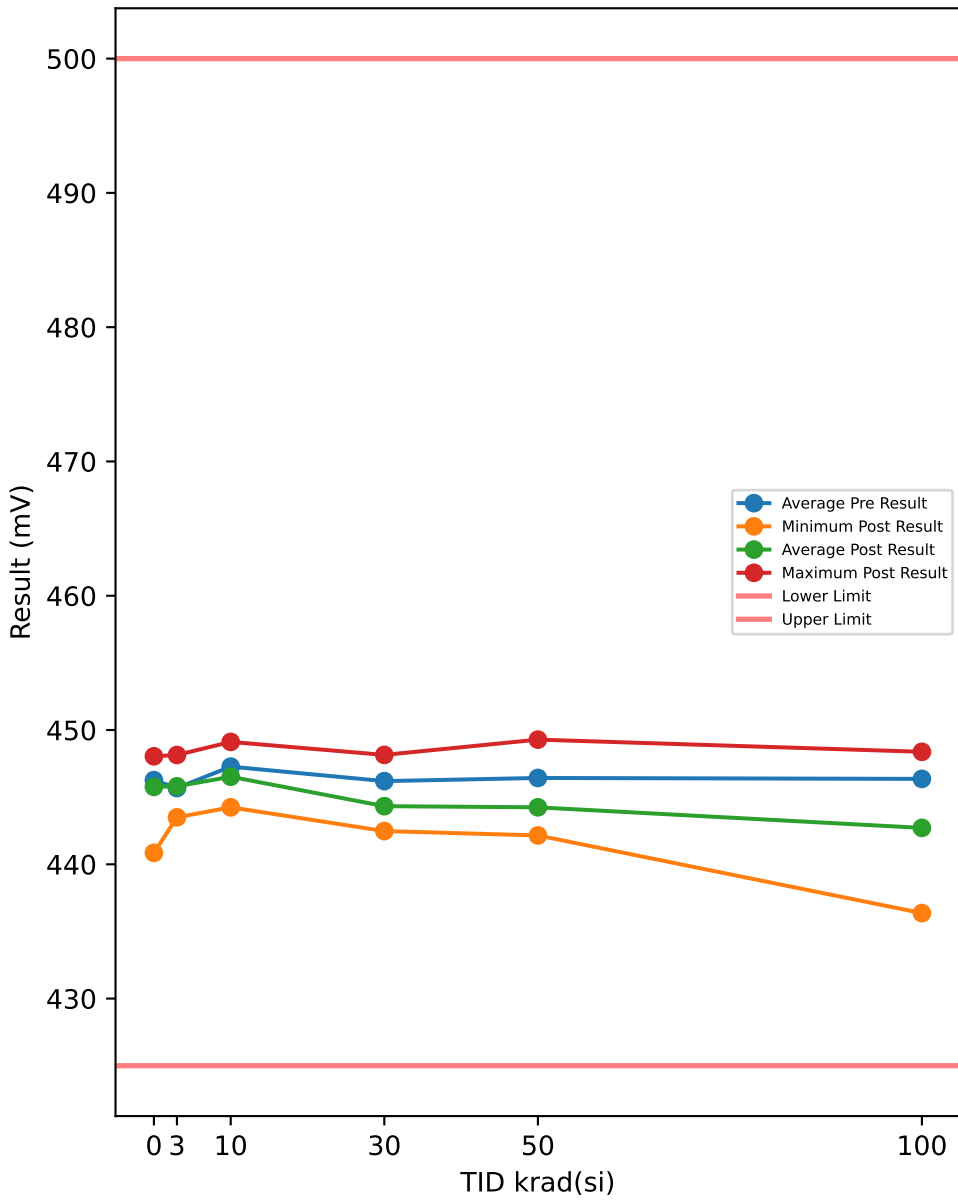


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	152.45	153.53	154.9	1.1271	152.11	152.69	153.64	0.62963	-2.1921	-0.84132	1.1937	1.3473
3	151.15	152.94	154.32	0.93912	151.67	153.18	154.55	0.94475	-2.2783	0.24278	2.1575	1.4999
10	151.15	152.97	154.57	1.0578	150.43	152.68	155.51	1.5471	-2.2779	-0.29402	1.8663	1.169
30	151.14	153.19	155.51	1.6166	149.59	152.12	153.24	1.0876	-3.1231	-1.0733	0.634	1.4795
50	151.74	153.06	155.82	1.075	150.82	152.11	153.33	0.84013	-2.8042	-0.94534	0.2561	1.109
100	150.43	152.75	155.2	1.6565	148.03	150.62	152.4	1.2993	-3.8102	-2.1326	0.5786	1.5032

Device Test: 14.3 THRESHOLD|HYST/PVIN/4.5////@UVLO_HYST_PVIN

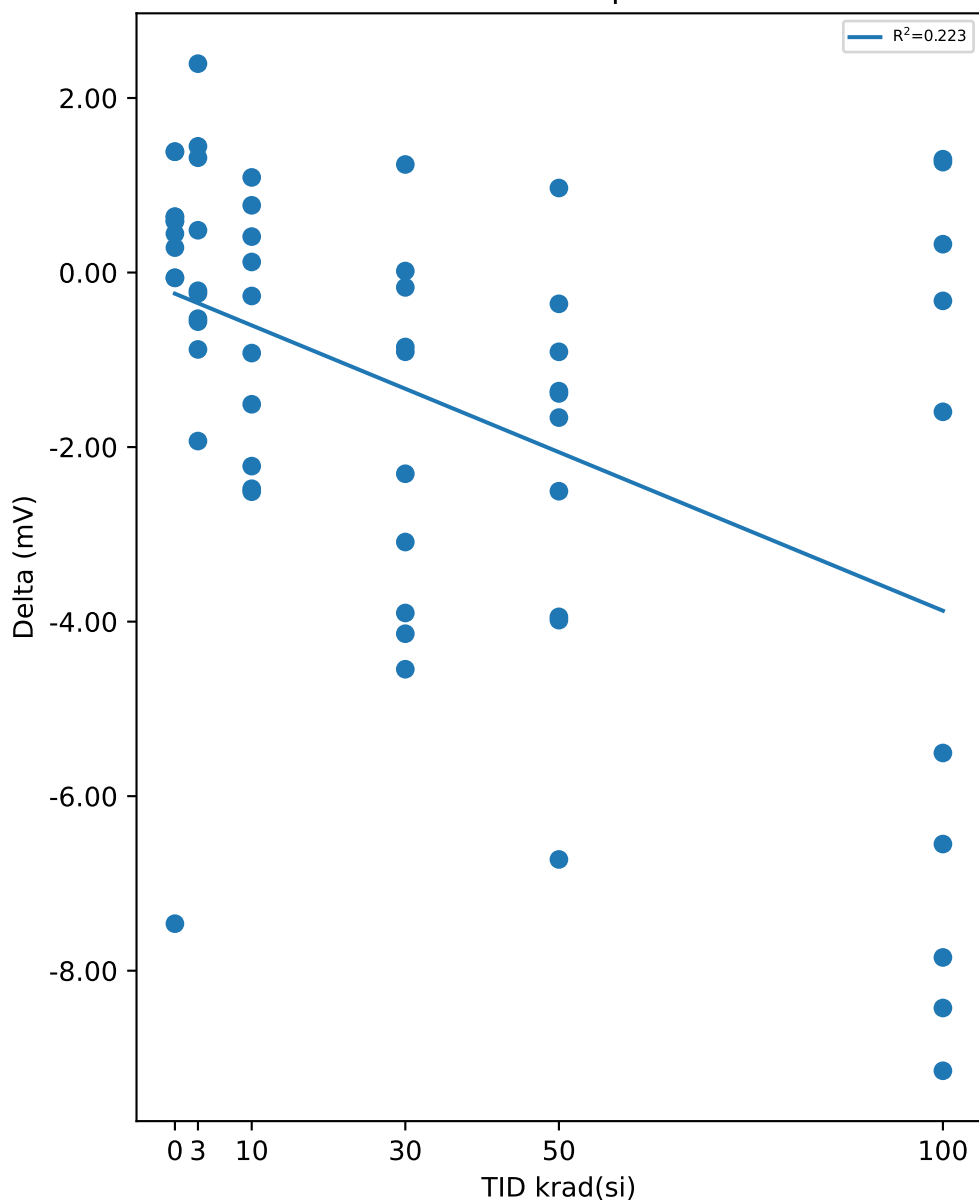
TID vs Result Stats



Test Results (Lower Limit = 425.0, Upper Limit = 500.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	448.31	440.85	-7.4611
516	0	CORRELATION	446.73	447.01	0.2855
721	0	CORRELATION	445.07	445.51	0.4455
723	0	CORRELATION	443.83	445.22	1.3848
729	0	CORRELATION	447.4	448.04	0.6391
1000	3	Unbiased	445.39	444.86	-0.5287
1001	3	Unbiased	447.08	446.52	-0.5629
1002	3	Unbiased	447.34	447.82	0.4845
1003	3	Unbiased	447.38	445.45	-1.931
1004	3	Unbiased	446.69	448.14	1.4463
1005	3	Biased	444.16	443.92	-0.2386
1006	3	Biased	443.44	445.84	2.3933
1007	3	Biased	446.11	445.22	-0.881
1008	3	Biased	442.18	443.5	1.3154
1009	3	Biased	447.02	446.81	-0.2089
1010	10	Unbiased	448.35	446.84	-1.5095
1011	10	Unbiased	448.03	448.8	0.7703
1012	10	Unbiased	449.62	448.69	-0.9228
1013	10	Unbiased	445.71	445.84	0.121
1014	10	Unbiased	448.7	449.11	0.4118
1015	10	Biased	446.75	444.24	-2.5114
1016	10	Biased	444.74	444.47	-0.2687
1017	10	Biased	446.75	444.54	-2.2181
1018	10	Biased	447.7	445.22	-2.4774
1019	10	Biased	446.37	447.46	1.0898
1020	30	Unbiased	448.32	448.15	-0.1701
1021	30	Unbiased	446.69	445.84	-0.853
1022	30	Unbiased	444.13	444.15	0.0172
1023	30	Unbiased	443.77	442.86	-0.908
1024	30	Unbiased	442.86	444.1	1.2381
1025	30	Biased	449.65	445.51	-4.1386
1026	30	Biased	446.69	443.6	-3.0879
1027	30	Biased	448.38	443.83	-4.5455
1028	30	Biased	444.78	442.47	-2.3058
1029	30	Biased	446.69	442.79	-3.9011
1030	50	Unbiased	447.7	447.34	-0.3585
1031	50	Unbiased	448.32	449.29	0.9685
1032	50	Unbiased	443.12	442.21	-0.9082
1033	50	Unbiased	444.16	442.8	-1.359
1034	50	Unbiased	444.78	443.12	-1.662
1035	50	Biased-84Hr-Anneal	446.19	444.81	-1.3852
1036	50	Biased-84Hr-Anneal	446.6	444.1	-2.5056
1037	50	Biased-84Hr-Anneal	446.84	442.86	-3.983
1038	50	Biased-84Hr-Anneal	448.87	442.15	-6.7251
1039	50	Biased-84Hr-Anneal	447.71	443.77	-3.9455
1040	100	Unbiased-168Hr-Anneal	443.77	445.07	1.2989
1041	100	Unbiased-168Hr-Anneal	446.08	444.48	-1.596
1042	100	Unbiased-168Hr-Anneal	447.05	448.32	1.2651
1043	100	Unbiased-168Hr-Anneal	448.7	448.38	-0.3247
1044	100	Unbiased-168Hr-Anneal	443.77	444.09	0.3247
1045	100	Biased-168Hr-Anneal	447.71	439.29	-8.4273
1046	100	Biased-168Hr-Anneal	442.91	436.37	-6.5488
1047	100	Biased-168Hr-Anneal	447.71	442.21	-5.5052
1048	100	Biased-168Hr-Anneal	447.46	438.31	-9.1466
1049	100	Biased-168Hr-Anneal	448.43	440.59	-7.8482

TID vs Post - Pre Exposure Delta

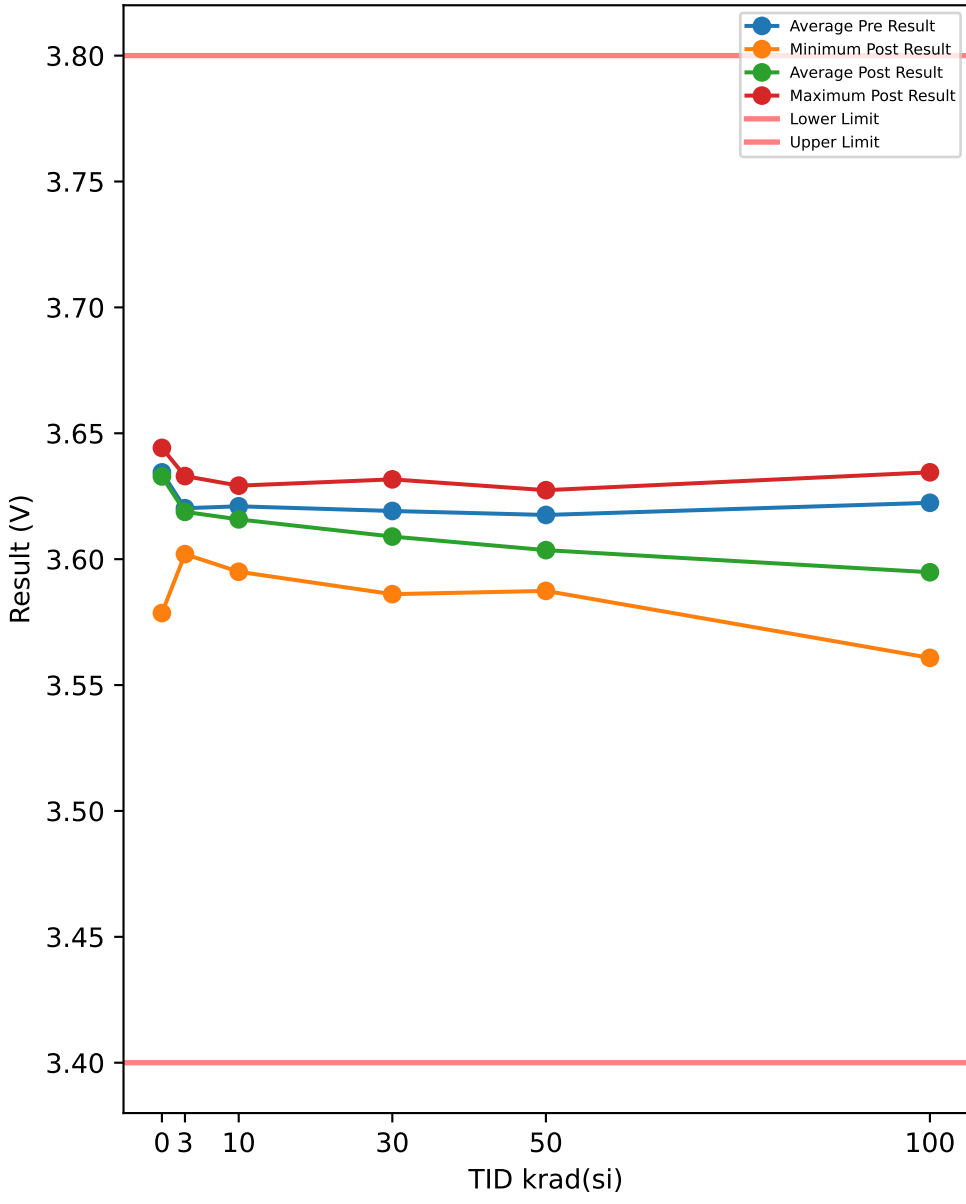


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	443.83	446.27	448.31	1.8065	440.85	445.33	448.04	2.7525	-7.4611	-0.94124	1.3848	3.6689
3	442.18	445.68	447.38	1.8327	443.5	445.81	448.14	1.5376	-1.931	0.12884	2.3933	1.2832
10	444.74	447.27	449.62	1.4772	444.24	446.52	449.11	1.9171	-2.5114	-0.7515	1.0898	1.3697
30	442.86	446.2	449.65	2.2418	442.47	444.33	448.15	1.7343	-4.5455	-1.8655	1.2381	2.0048
50	443.12	446.43	448.87	1.883	442.15	444.24	449.29	2.3427	-6.7251	-2.1864	0.9685	2.1998
100	442.91	446.36	448.7	2.122	436.37	442.71	448.38	4.086	-9.1466	-3.6508	1.2989	4.2456

Device Test: 14.4 THRESHOLD|RISE/VIN/4.5////@UVLO_RISE_VIN

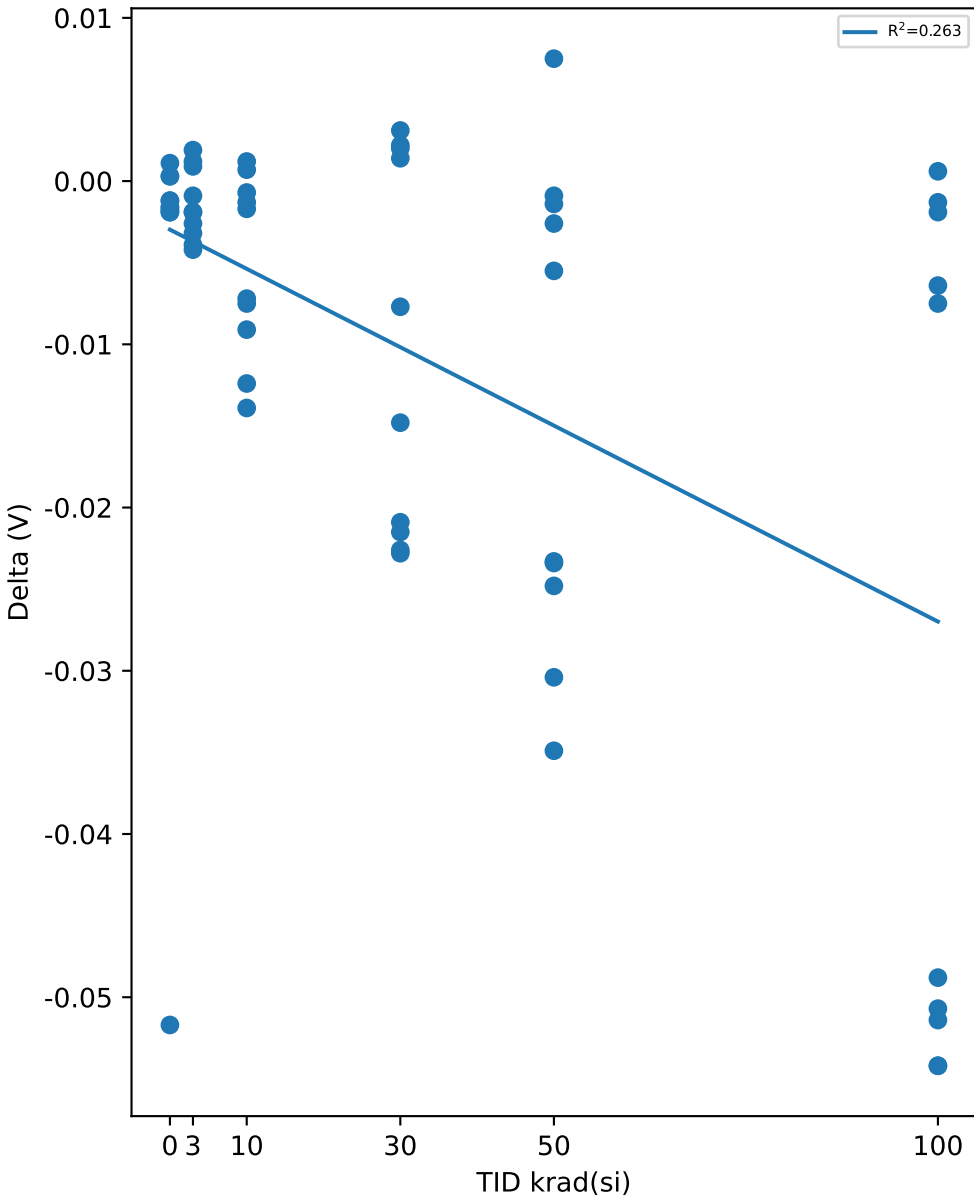
TID vs Result Stats



Test Results (Lower Limit = 3.4, Upper Limit = 3.8 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.6303	3.5786	-0.0517
516	0	CORRELATION	3.6327	3.6338	0.0011
721	0	CORRELATION	3.626	3.6242	-0.0018
723	0	CORRELATION	3.6439	3.6423	-0.0016
729	0	CORRELATION	3.6395	3.6376	-0.0019
1000	3	Unbiased	3.6125	3.6086	-0.0039
1001	3	Unbiased	3.6339	3.633	-0.0009
1002	3	Unbiased	3.6256	3.6275	0.0019
1003	3	Unbiased	3.618	3.6192	0.0012
1004	3	Unbiased	3.6027	3.6036	0.0009
1005	3	Biased	3.6264	3.6245	-0.0019
1006	3	Biased	3.6331	3.6289	-0.0042
1007	3	Biased	3.6245	3.6213	-0.0032
1008	3	Biased	3.6046	3.602	-0.0026
1009	3	Biased	3.6211	3.6192	-0.0019
1010	10	Unbiased	3.6243	3.6255	0.0012
1011	10	Unbiased	3.6265	3.6272	0.0007
1012	10	Unbiased	3.628	3.6273	-0.0007
1013	10	Unbiased	3.6116	3.6099	-0.0017
1014	10	Unbiased	3.6158	3.6145	-0.0013
1015	10	Biased	3.607	3.5995	-0.0075
1016	10	Biased	3.63	3.6161	-0.0139
1017	10	Biased	3.6383	3.6292	-0.0091
1018	10	Biased	3.6074	3.595	-0.0124
1019	10	Biased	3.6211	3.6139	-0.0072
1020	30	Unbiased	3.6124	3.6138	0.0014
1021	30	Unbiased	3.6394	3.6317	-0.0077
1022	30	Unbiased	3.6202	3.6233	0.0031
1023	30	Unbiased	3.5982	3.6002	0.002
1024	30	Unbiased	3.6292	3.6314	0.0022
1025	30	Biased	3.6252	3.6043	-0.0209
1026	30	Biased	3.6359	3.6131	-0.0228
1027	30	Biased	3.6145	3.593	-0.0215
1028	30	Biased	3.6087	3.5861	-0.0226
1029	30	Biased	3.6077	3.5929	-0.0148
1030	50	Unbiased	3.6199	3.6274	0.0075
1031	50	Unbiased	3.6067	3.6041	-0.0026
1032	50	Unbiased	3.6022	3.6008	-0.0014
1033	50	Unbiased	3.6133	3.6124	-0.0009
1034	50	Unbiased	3.6137	3.6082	-0.0055
1035	50	Biased-84Hr-Anneal	3.6288	3.6055	-0.0233
1036	50	Biased-84Hr-Anneal	3.6233	3.5999	-0.0234
1037	50	Biased-84Hr-Anneal	3.6223	3.5874	-0.0349
1038	50	Biased-84Hr-Anneal	3.6237	3.5933	-0.0304
1039	50	Biased-84Hr-Anneal	3.6217	3.5969	-0.0248
1040	100	Unbiased-168Hr-Anneal	3.6171	3.6096	-0.0075
1041	100	Unbiased-168Hr-Anneal	3.6159	3.6095	-0.0064
1042	100	Unbiased-168Hr-Anneal	3.6299	3.6286	-0.0013
1043	100	Unbiased-168Hr-Anneal	3.6339	3.6345	0.0006
1044	100	Unbiased-168Hr-Anneal	3.6219	3.62	-0.0019
1045	100	Biased-168Hr-Anneal	3.6153	3.5639	-0.0514
1046	100	Biased-168Hr-Anneal	3.615	3.5608	-0.0542
1047	100	Biased-168Hr-Anneal	3.6171	3.5683	-0.0488
1048	100	Biased-168Hr-Anneal	3.6297	3.5755	-0.0542
1049	100	Biased-168Hr-Anneal	3.6281	3.5774	-0.0507

TID vs Post - Pre Exposure Delta

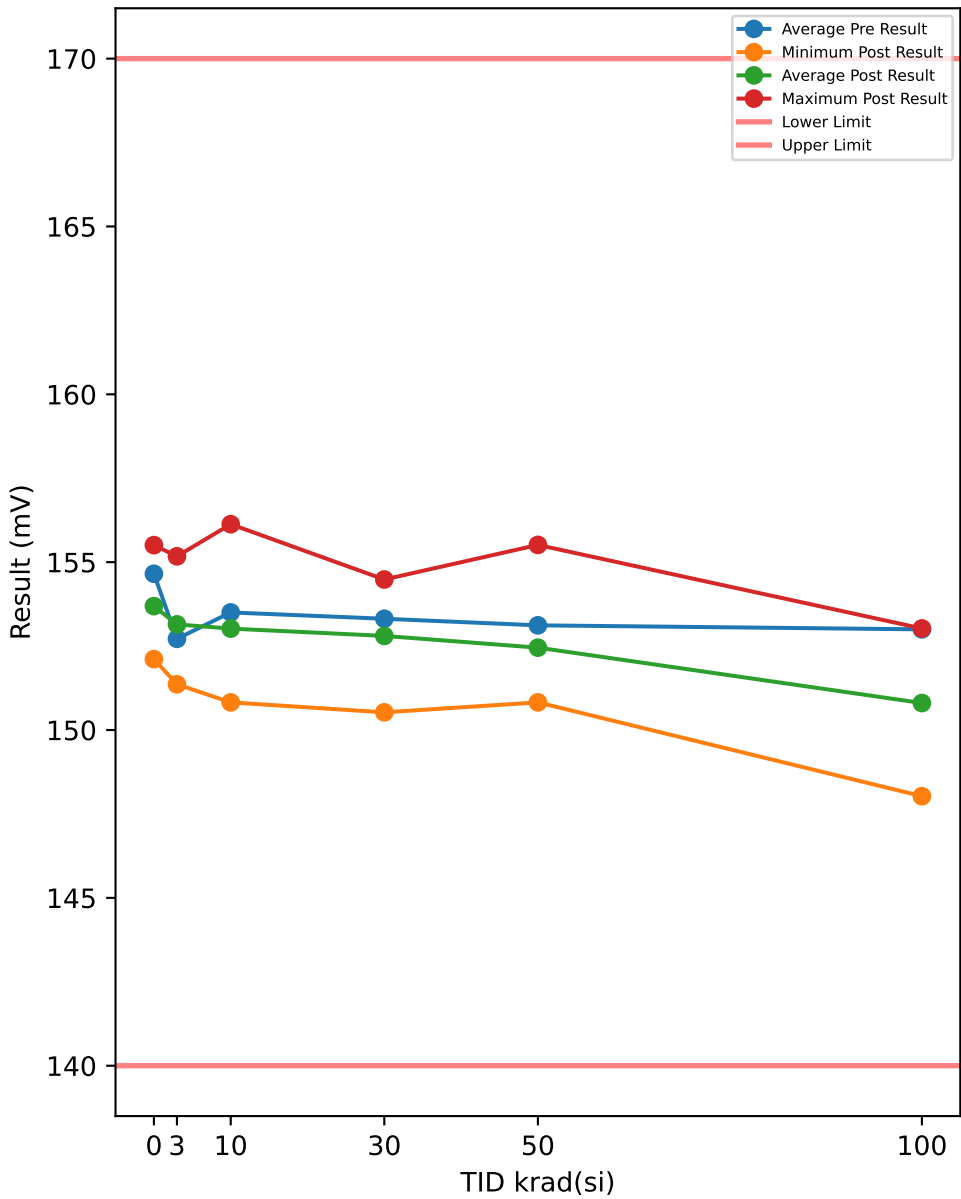


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.626	3.6345	3.6439	0.0071848	3.5786	3.6233	3.6423	0.025858	-0.0517	-0.01118	0.0011	0.022686
3	3.6027	3.6202	3.6339	0.010826	3.602	3.6188	3.633	0.010728	-0.0042	-0.00146	0.0019	0.0021711
10	3.607	3.621	3.6383	0.010364	3.595	3.6158	3.6292	0.0119	-0.0139	-0.00519	0.0012	0.0055328
30	3.5982	3.6191	3.6394	0.013232	3.5861	3.609	3.6317	0.016332	-0.0228	-0.01016	0.0031	0.011528
50	3.6022	3.6176	3.6288	0.0083599	3.5874	3.6036	3.6274	0.011075	-0.0349	-0.01397	0.0075	0.014878
100	3.615	3.6224	3.6339	0.0072887	3.5608	3.5948	3.6345	0.028435	-0.0542	-0.02758	0.0006	0.025745

Device Test: 14.6 THRESHOLD|HYST/VIN/4.5////@UVLO_HYST_VIN

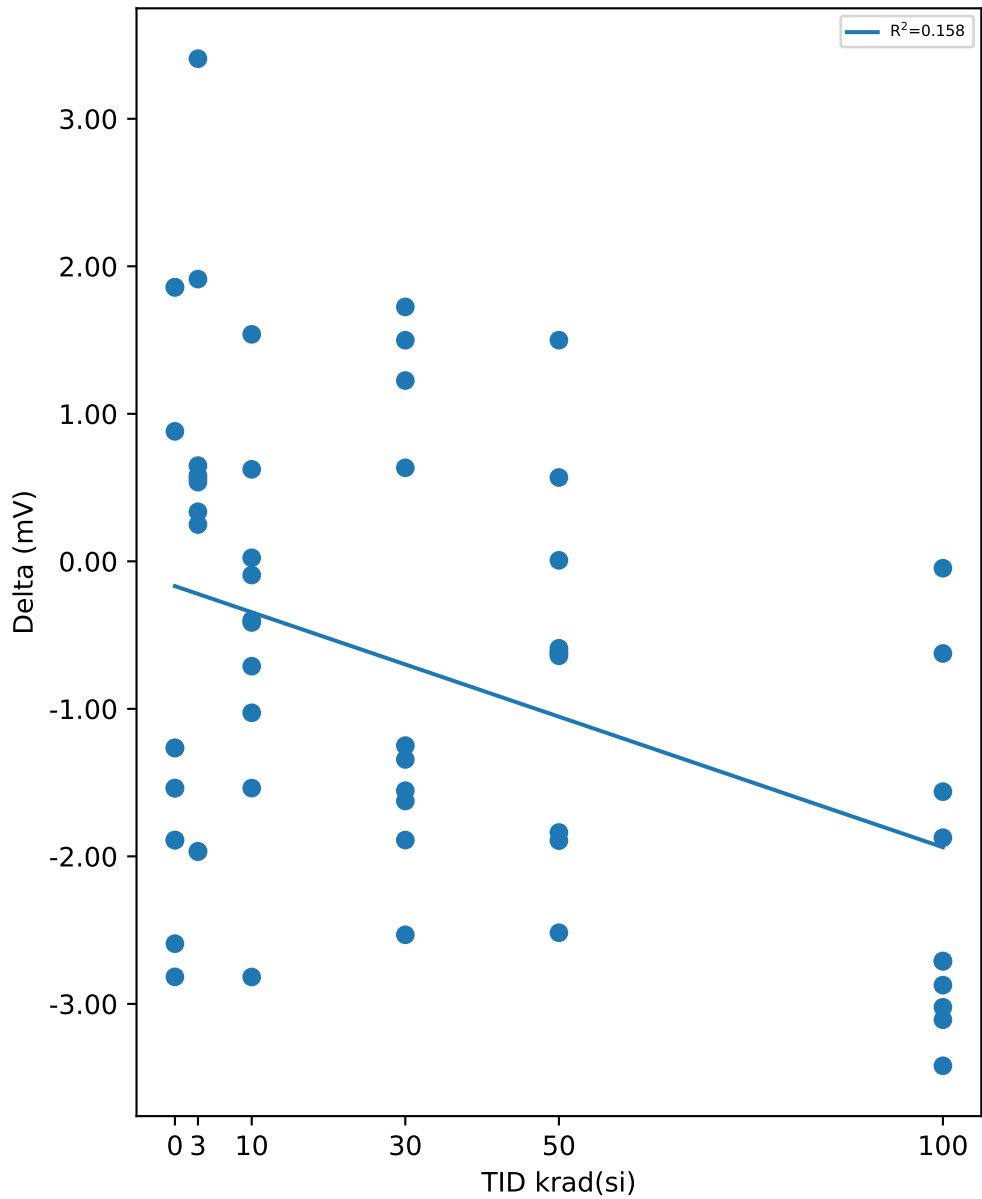
TID vs Result Stats



Test Results (Lower Limit = 140.0, Upper Limit = 170.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	155.2	152.38	-2.8169
516	0	CORRELATION	152.76	153.64	0.8811
721	0	CORRELATION	156.14	153.55	-2.5919
723	0	CORRELATION	153.65	152.11	-1.5376
729	0	CORRELATION	155.52	153.63	-1.8899
1000	3	Unbiased	153.33	151.36	-1.966
1001	3	Unbiased	152.4	153.05	0.6485
1002	3	Unbiased	151.77	155.17	3.4075
1003	3	Unbiased	153.38	153.63	0.2492
1004	3	Unbiased	151.76	153.67	1.9133
1005	3	Biased	152.71	153.05	0.3361
1006	3	Biased	155.51	153.55	-1.9677
1007	3	Biased	151.78	152.36	0.5827
1008	3	Biased	151.2	151.76	0.5624
1009	3	Biased	153.32	153.86	0.5369
1010	10	Unbiased	153.7	155.24	1.5387
1011	10	Unbiased	154.01	153.61	-0.3989
1012	10	Unbiased	155.51	156.13	0.6237
1013	10	Unbiased	152.7	152.61	-0.093
1014	10	Unbiased	152.09	152.11	0.0238
1015	10	Biased	154.59	153.05	-1.5374
1016	10	Biased	153.64	150.82	-2.8176
1017	10	Biased	153.34	152.92	-0.4146
1018	10	Biased	152.45	151.42	-1.0268
1019	10	Biased	153.01	152.3	-0.711
1020	30	Unbiased	152.38	153.61	1.2255
1021	30	Unbiased	155.83	154.48	-1.343
1022	30	Unbiased	152.76	154.26	1.4987
1023	30	Unbiased	152.08	152.71	0.634
1024	30	Unbiased	154.27	152.38	-1.8895
1025	30	Biased	151.2	152.92	1.7247
1026	30	Biased	154.58	152.05	-2.5318
1027	30	Biased	151.78	150.53	-1.2493
1028	30	Biased	154.01	152.38	-1.6248
1029	30	Biased	154.26	152.7	-1.5549
1030	50	Unbiased	152.13	153.63	1.4992
1031	50	Unbiased	155.51	155.51	0.0066
1032	50	Unbiased	152.39	151.78	-0.6153
1033	50	Unbiased	151.78	151.14	-0.6402
1034	50	Unbiased	153.7	154.27	0.5684
1035	50	Biased-84Hr-Anneal	152.37	151.78	-0.5896
1036	50	Biased-84Hr-Anneal	153.03	151.14	-1.8933
1037	50	Biased-84Hr-Anneal	153.3	151.46	-1.8383
1038	50	Biased-84Hr-Anneal	153.34	150.82	-2.5177
1039	50	Biased-84Hr-Anneal	153.64	153.02	-0.6229
1040	100	Unbiased-168Hr-Anneal	152.07	150.51	-1.5614
1041	100	Unbiased-168Hr-Anneal	152.13	152.09	-0.0465
1042	100	Unbiased-168Hr-Anneal	153.7	150.82	-2.873
1043	100	Unbiased-168Hr-Anneal	153.65	153.03	-0.6246
1044	100	Unbiased-168Hr-Anneal	154.27	152.39	-1.8735
1045	100	Biased-168Hr-Anneal	153.01	149.9	-3.1076
1046	100	Biased-168Hr-Anneal	150.74	148.03	-2.7118
1047	100	Biased-168Hr-Anneal	154.26	150.84	-3.4196
1048	100	Biased-168Hr-Anneal	151.99	148.97	-3.0229
1049	100	Biased-168Hr-Anneal	154.17	151.46	-2.7092

TID vs Post - Pre Exposure Delta

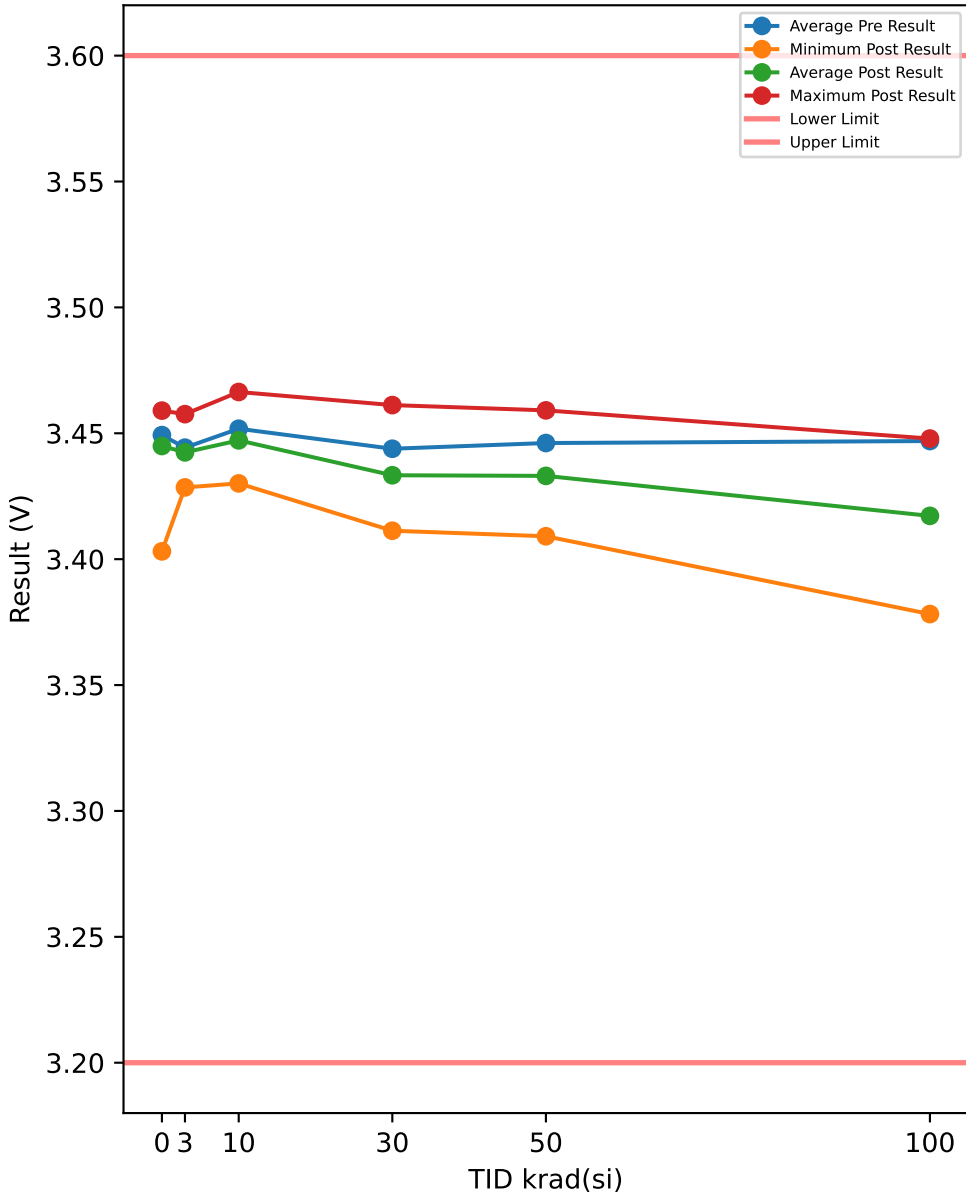


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	152.76	154.65	156.14	1.4016	152.11	153.06	153.64	0.75121	-2.8169	-1.591	0.8811	1.4755
3	151.2	152.72	155.51	1.2526	151.36	153.15	155.17	1.1076	-1.9677	0.43029	3.4075	1.588
10	152.09	153.5	155.51	1.0291	150.82	153.02	156.13	1.6277	-2.8176	-0.48131	1.5387	1.1852
30	151.2	153.31	155.83	1.4812	150.53	152.8	154.48	1.1417	-2.5318	-0.51104	1.7247	1.5957
50	151.78	153.12	155.51	1.0682	150.82	152.45	155.51	1.5771	-2.5177	-0.66431	1.4992	1.2011
100	150.74	153	154.27	1.2113	148.03	150.8	153.03	1.5464	-3.4196	-2.195	-0.0465	1.1351

Device Test: 14.7 THRESHOLD|RISE/PVIN/5////@UVLO_RISE_PVIN

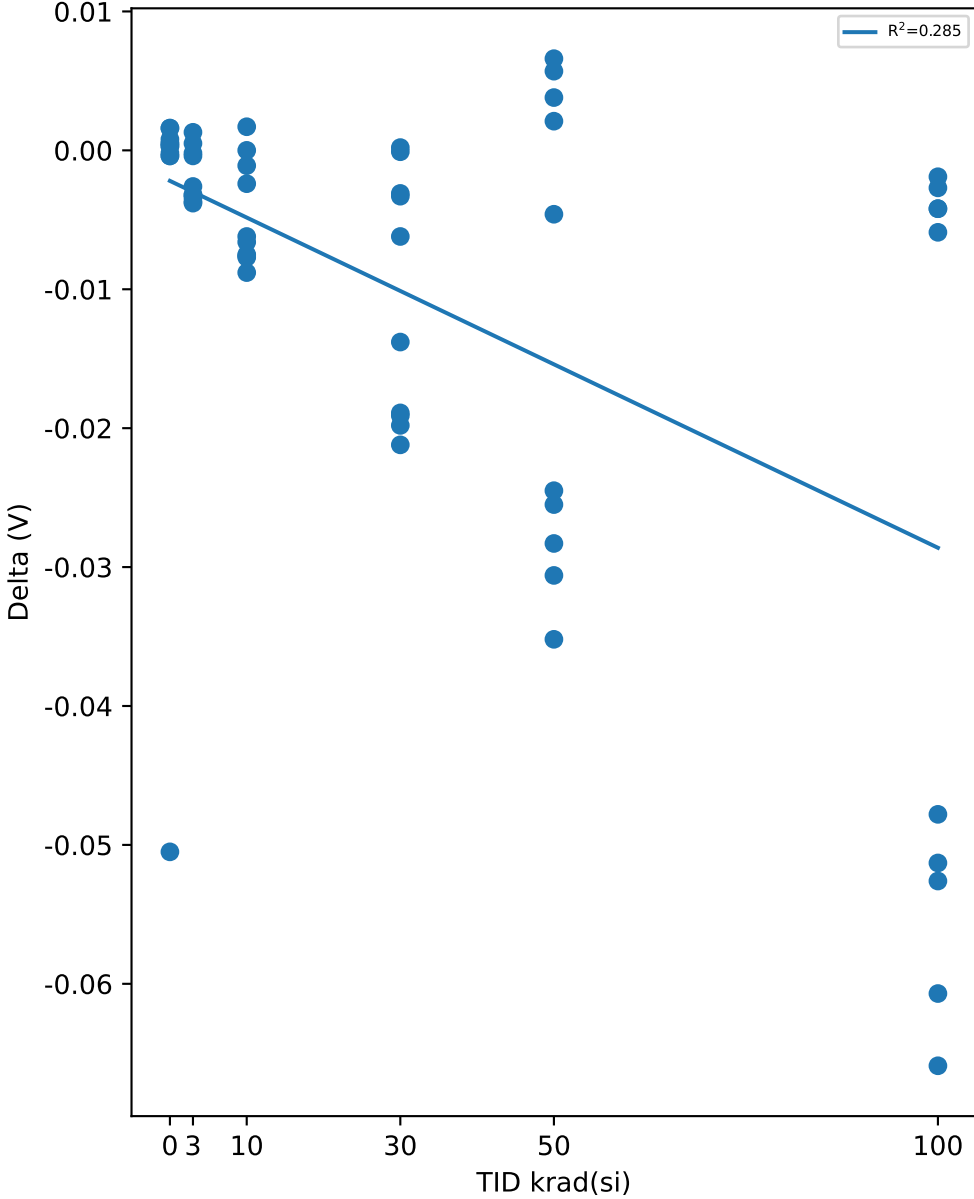
TID vs Result Stats



Test Results (Lower Limit = 3.2, Upper Limit = 3.6 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.4536	3.4031	-0.0505
516	0	CORRELATION	3.4506	3.4504	-0.0002
721	0	CORRELATION	3.4442	3.445	0.0008
723	0	CORRELATION	3.4406	3.4409	0.0003
729	0	CORRELATION	3.4574	3.459	0.0016
1000	3	Unbiased	3.4384	3.4389	0.0005
1001	3	Unbiased	3.4483	3.4496	0.0013
1002	3	Unbiased	3.4578	3.4576	-0.0002
1003	3	Unbiased	3.4448	3.4444	-0.0004
1004	3	Unbiased	3.4577	3.4545	-0.0032
1005	3	Biased	3.4363	3.4331	-0.0032
1006	3	Biased	3.4319	3.4285	-0.0034
1007	3	Biased	3.4467	3.443	-0.0037
1008	3	Biased	3.4331	3.4305	-0.0026
1009	3	Biased	3.4479	3.4441	-0.0038
1010	10	Unbiased	3.4571	3.4509	-0.0062
1011	10	Unbiased	3.4675	3.4664	-0.0011
1012	10	Unbiased	3.4616	3.4633	0.0017
1013	10	Unbiased	3.4348	3.4324	-0.0024
1014	10	Unbiased	3.461	3.461	0
1015	10	Biased	3.4444	3.4367	-0.0077
1016	10	Biased	3.4367	3.4301	-0.0066
1017	10	Biased	3.4496	3.4421	-0.0075
1018	10	Biased	3.4506	3.443	-0.0076
1019	10	Biased	3.4548	3.446	-0.0088
1020	30	Unbiased	3.4645	3.4612	-0.0033
1021	30	Unbiased	3.4423	3.4392	-0.0031
1022	30	Unbiased	3.4409	3.4347	-0.0062
1023	30	Unbiased	3.4286	3.4285	-0.0001
1024	30	Unbiased	3.4318	3.432	0.0002
1025	30	Biased	3.4669	3.4457	-0.0212
1026	30	Biased	3.441	3.4219	-0.0191
1027	30	Biased	3.4474	3.4276	-0.0198
1028	30	Biased	3.4302	3.4113	-0.0189
1029	30	Biased	3.445	3.4312	-0.0138
1030	50	Unbiased	3.4513	3.4551	0.0038
1031	50	Unbiased	3.4525	3.4591	0.0066
1032	50	Unbiased	3.428	3.4337	0.0057
1033	50	Unbiased	3.4243	3.4197	-0.0046
1034	50	Unbiased	3.4363	3.4384	0.0021
1035	50	Biased-84Hr-Anneal	3.4553	3.4298	-0.0255
1036	50	Biased-84Hr-Anneal	3.4539	3.4294	-0.0245
1037	50	Biased-84Hr-Anneal	3.4397	3.4091	-0.0306
1038	50	Biased-84Hr-Anneal	3.4581	3.4298	-0.0283
1039	50	Biased-84Hr-Anneal	3.4619	3.4267	-0.0352
1040	100	Unbiased-168Hr-Anneal	3.4437	3.4418	-0.0019
1041	100	Unbiased-168Hr-Anneal	3.4422	3.4363	-0.0059
1042	100	Unbiased-168Hr-Anneal	3.4506	3.4479	-0.0027
1043	100	Unbiased-168Hr-Anneal	3.4509	3.4467	-0.0042
1044	100	Unbiased-168Hr-Anneal	3.4416	3.4374	-0.0042
1045	100	Biased-168Hr-Anneal	3.45	3.3893	-0.0607
1046	100	Biased-168Hr-Anneal	3.4295	3.3782	-0.0513
1047	100	Biased-168Hr-Anneal	3.452	3.4042	-0.0478
1048	100	Biased-168Hr-Anneal	3.4516	3.3857	-0.0659
1049	100	Biased-168Hr-Anneal	3.4571	3.4045	-0.0526

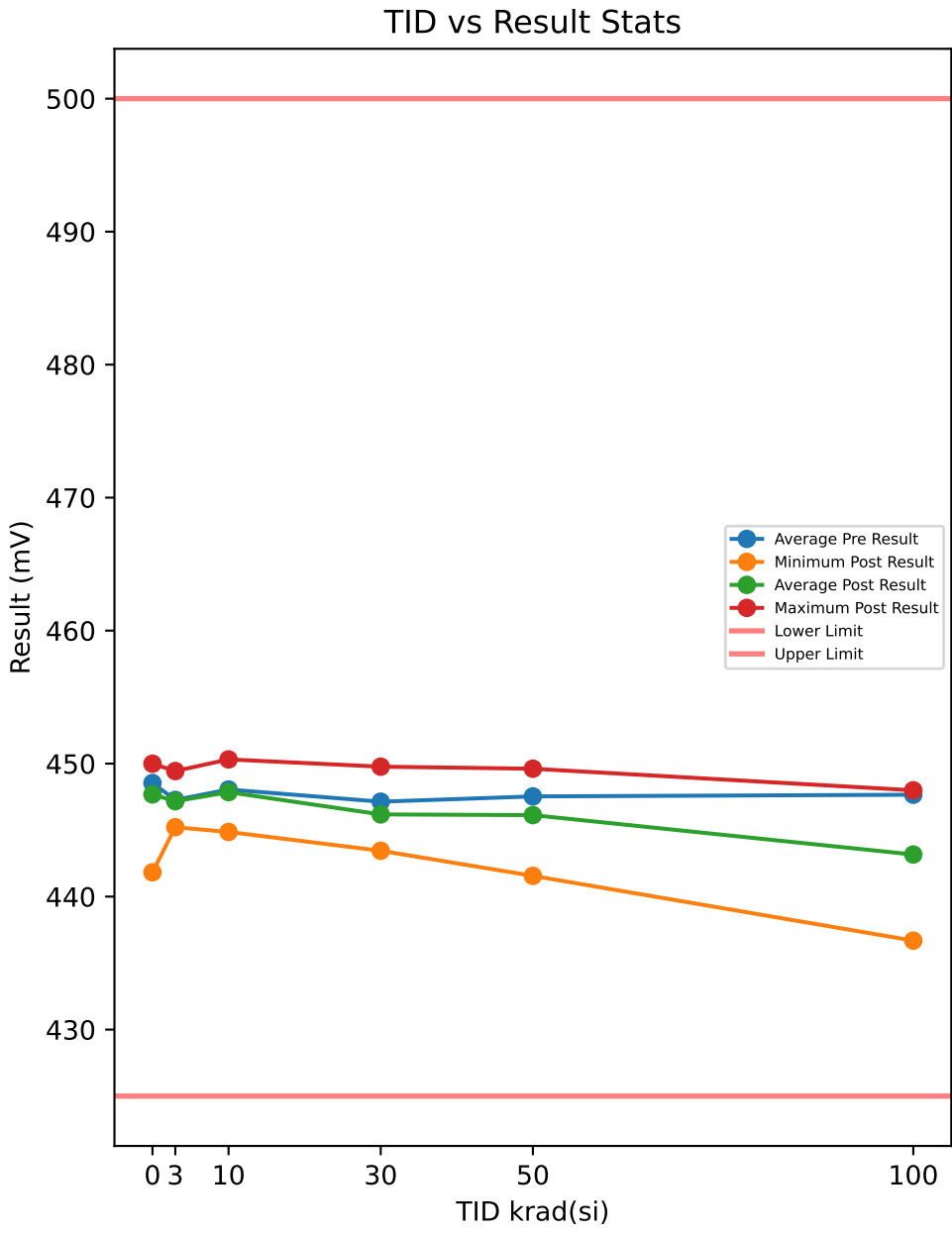
TID vs Post - Pre Exposure Delta



Test Statistics (V)

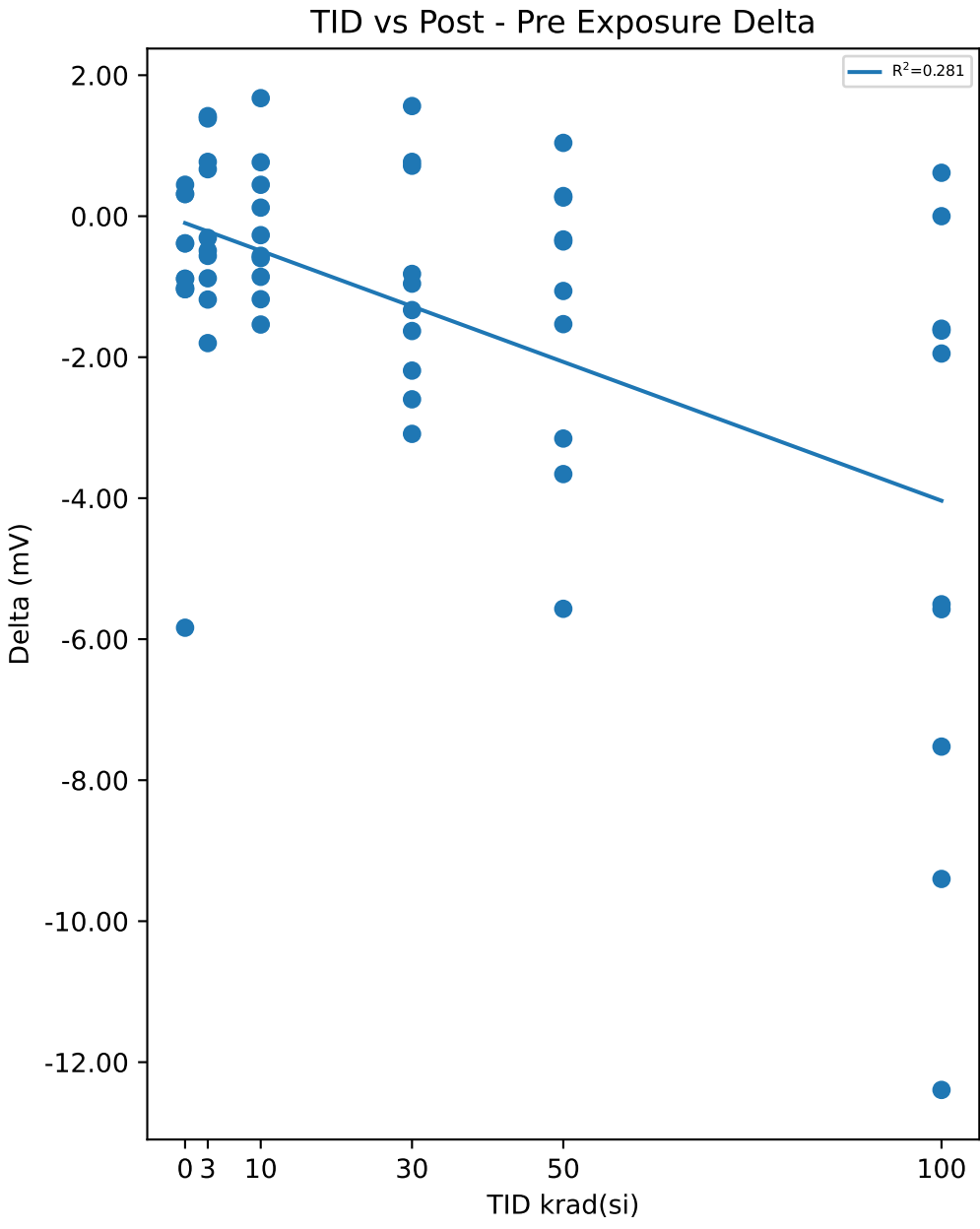
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4406	3.4493	3.4574	0.0068463	3.4031	3.4397	3.459	0.021541	-0.0505	-0.0096	0.0016	0.022873
3	3.4319	3.4443	3.4578	0.0092783	3.4285	3.4424	3.4576	0.0098325	-0.0038	-0.00187	0.0013	0.0019465
10	3.4348	3.4518	3.4675	0.010762	3.4301	3.4472	3.4664	0.012905	-0.0088	-0.00462	0.0017	0.0037882
30	3.4286	3.4439	3.4669	0.013144	3.4113	3.4333	3.4612	0.013518	-0.0212	-0.01053	0.0002	0.0088451
50	3.4243	3.4461	3.4619	0.01311	3.4091	3.4331	3.4591	0.014983	-0.0352	-0.01305	0.0066	0.017126
100	3.4295	3.4469	3.4571	0.0078501	3.3782	3.4172	3.4479	0.027513	-0.0659	-0.02972	-0.0019	0.027806

Device Test: 14.9 THRESHOLD|HYST/PVIN/5////@UVLO_HYST_PVIN



Test Results (Lower Limit = 425.0, Upper Limit = 500.0 (mV))

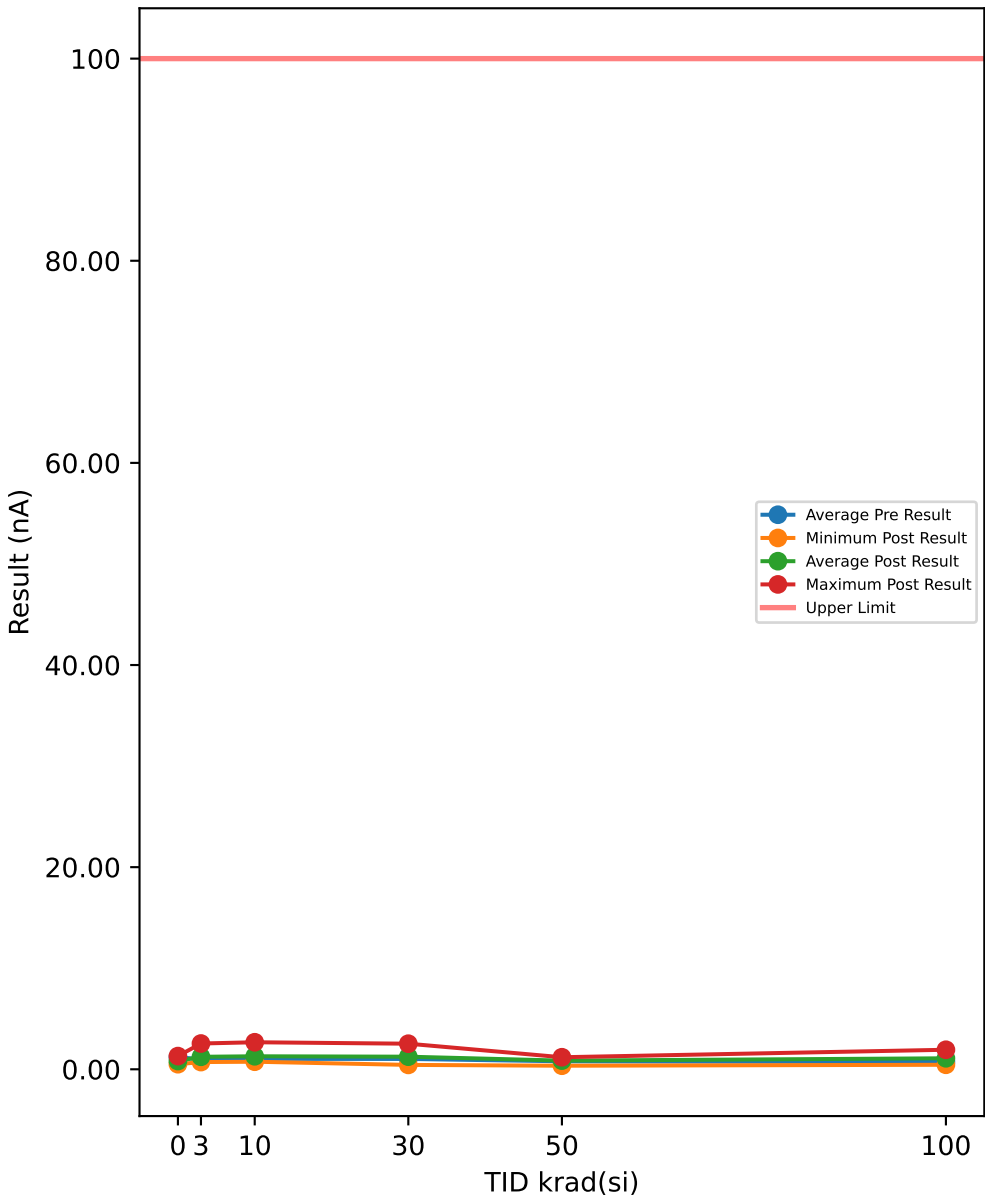
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	447.66	441.82	-5.8375
516	0	CORRELATION	450.62	449.61	-1.0133
721	0	CORRELATION	447.01	447.46	0.4462
723	0	CORRELATION	447.73	446.84	-0.8876
729	0	CORRELATION	449.68	449.99	0.3146
1000	3	Unbiased	446.36	447.13	0.7707
1001	3	Unbiased	448.05	449.44	1.3859
1002	3	Unbiased	449.61	449.12	-0.4889
1003	3	Unbiased	447.38	447.07	-0.3074
1004	3	Unbiased	449.62	447.82	-1.8001
1005	3	Biased	445.78	445.22	-0.5631
1006	3	Biased	444.74	446.16	1.4194
1007	3	Biased	447.4	446.52	-0.8808
1008	3	Biased	444.78	445.45	0.6662
1009	3	Biased	448.97	447.78	-1.1824
1010	10	Unbiased	449	448.14	-0.8601
1011	10	Unbiased	449.97	450.1	0.1214
1012	10	Unbiased	448.64	450.32	1.6743
1013	10	Unbiased	446.04	444.86	-1.1779
1014	10	Unbiased	450.33	449.76	-0.5622
1015	10	Biased	447.73	446.19	-1.5368
1016	10	Biased	445.39	445.12	-0.2689
1017	10	Biased	447.73	447.13	-0.5944
1018	10	Biased	447.7	448.15	0.4454
1019	10	Biased	447.99	448.76	0.7655
1020	30	Unbiased	450.59	449.77	-0.8188
1021	30	Unbiased	446.69	447.46	0.7707
1022	30	Unbiased	446.73	445.77	-0.9569
1023	30	Unbiased	445.07	445.78	0.7155
1024	30	Unbiased	445.13	446.69	1.5624
1025	30	Biased	450.3	448.11	-2.1903
1026	30	Biased	447.66	444.57	-3.0877
1027	30	Biased	447.08	444.48	-2.5975
1028	30	Biased	444.78	443.45	-1.3319
1029	30	Biased	447.34	445.71	-1.6287
1030	50	Unbiased	449.97	449.62	-0.3585
1031	50	Unbiased	449.94	449.61	-0.3301
1032	50	Unbiased	444.74	445.78	1.0399
1033	50	Unbiased	444.16	444.42	0.2641
1034	50	Unbiased	446.08	446.36	0.2855
1035	50	Biased-84Hr-Anneal	447.17	446.11	-1.0609
1036	50	Biased-84Hr-Anneal	448.55	447.02	-1.5312
1037	50	Biased-84Hr-Anneal	445.22	441.56	-3.6581
1038	50	Biased-84Hr-Anneal	449.2	446.04	-3.1541
1039	50	Biased-84Hr-Anneal	450.31	444.74	-5.5692
1040	100	Unbiased-168Hr-Anneal	446.04	446.04	0
1041	100	Unbiased-168Hr-Anneal	447.38	445.78	-1.5959
1042	100	Unbiased-168Hr-Anneal	447.38	447.99	0.6157
1043	100	Unbiased-168Hr-Anneal	449.35	447.4	-1.9482
1044	100	Unbiased-168Hr-Anneal	447.34	445.71	-1.6229
1045	100	Biased-168Hr-Anneal	448.36	438.96	-9.401
1046	100	Biased-168Hr-Anneal	444.21	438.64	-5.5749
1047	100	Biased-168Hr-Anneal	448.04	442.53	-5.505
1048	100	Biased-168Hr-Anneal	449.08	436.69	-12.394
1049	100	Biased-168Hr-Anneal	449.41	441.88	-7.5238



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	447.01	448.54	450.62	1.5325	441.82	447.15	449.99	3.2663	-5.8375	-1.3955	0.4462	2.5716
3	444.74	447.27	449.62	1.8298	445.22	447.17	449.44	1.4135	-1.8001	-0.09805	1.4194	1.1026
10	445.39	448.05	450.33	1.5486	444.86	447.85	450.32	1.9839	-1.5368	-0.19937	1.6743	0.96813
30	444.78	447.14	450.59	2.0132	443.45	446.18	449.77	1.8851	-3.0877	-0.95632	1.5624	1.5453
50	444.16	447.53	450.31	2.3588	441.56	446.13	449.62	2.3798	-5.5692	-1.4073	1.0399	2.0945
100	444.21	447.66	449.41	1.6104	436.69	443.16	447.99	4.0143	-12.394	-4.495	0.6157	4.3112

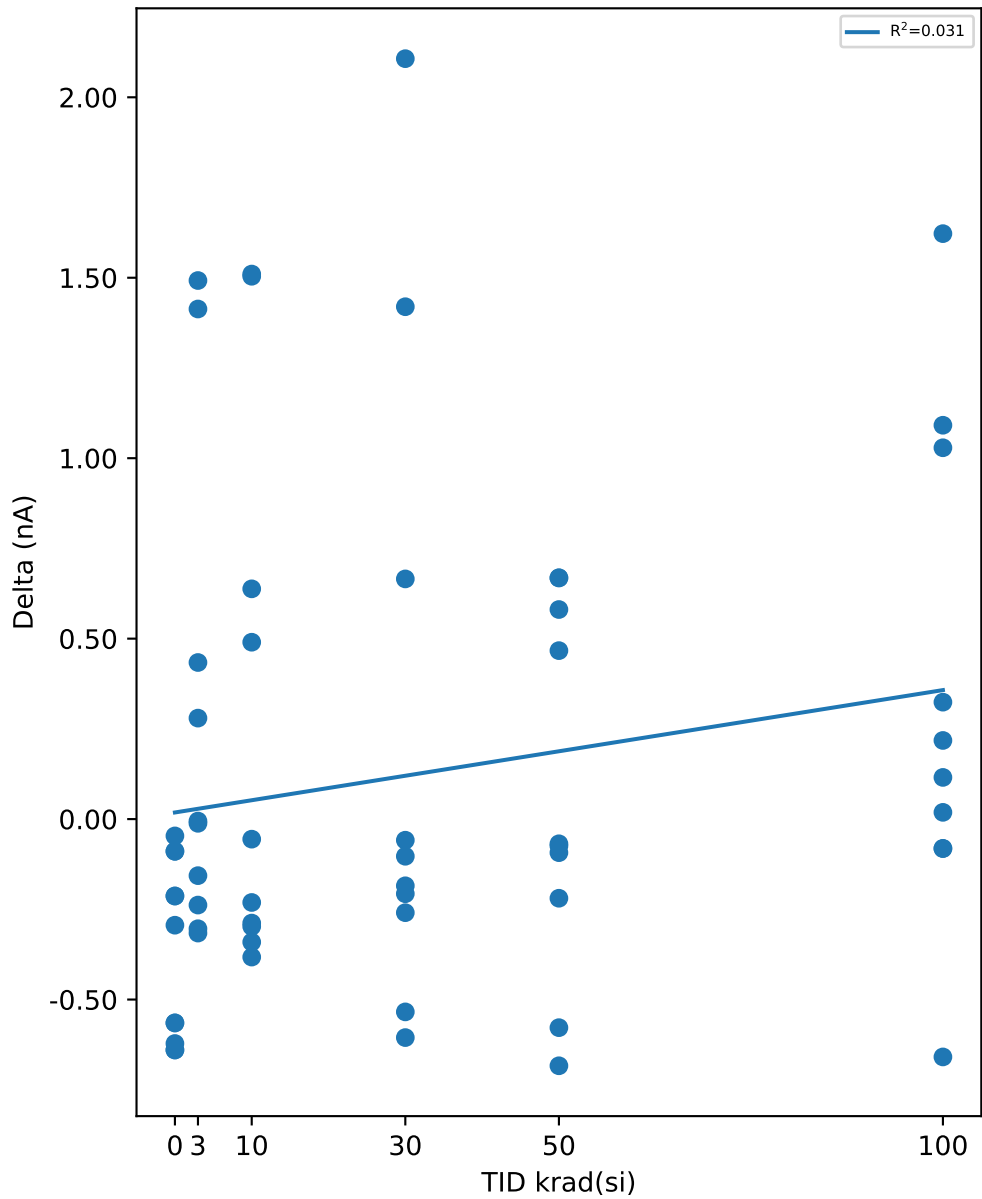
TID vs Result Stats



Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.1375	0.5157	-0.6218
516	0	CORRELATION	1.3527	1.3061	-0.0466
721	0	CORRELATION	1.2561	0.9621	-0.294
723	0	CORRELATION	1.1554	0.9423	-0.2131
729	0	CORRELATION	1.1429	1.0538	-0.0891
1000	3	Unbiased	1.1344	0.9777	-0.1567
1001	3	Unbiased	1.0899	0.8517	-0.2382
1002	3	Unbiased	1.1375	2.5509	1.4134
1003	3	Unbiased	1.1373	1.1256	-0.0117
1004	3	Unbiased	0.4345	0.7143	0.2798
1005	3	Biased	1.0431	0.7393	-0.3038
1006	3	Biased	1.2093	0.8935	-0.3158
1007	3	Biased	1.0462	2.5385	1.4923
1008	3	Biased	1.0498	1.0444	-0.0054
1009	3	Biased	0.5032	0.9371	0.4339
1010	10	Unbiased	1.131	0.7487	-0.3823
1011	10	Unbiased	1.1654	2.6756	1.5102
1012	10	Unbiased	0.4376	1.0756	0.638
1013	10	Unbiased	1.2031	0.8623	-0.3408
1014	10	Unbiased	1.093	0.8049	-0.2881
1015	10	Biased	1.2959	0.9985	-0.2974
1016	10	Biased	1.1281	1.0725	-0.0556
1017	10	Biased	1.3521	1.1211	-0.231
1018	10	Biased	1.1092	2.6133	1.5041
1019	10	Biased	0.4158	0.9059	0.4901
1020	30	Unbiased	0.4252	2.5322	2.107
1021	30	Unbiased	1.1687	0.9839	-0.1848
1022	30	Unbiased	1.0998	1.0413	-0.0585
1023	30	Unbiased	1.1937	0.9869	-0.2068
1024	30	Unbiased	1.0399	0.4345	-0.6054
1025	30	Biased	1.1029	0.8436	-0.2593
1026	30	Biased	1.0907	2.5104	1.4197
1027	30	Biased	1.0774	0.9744	-0.103
1028	30	Biased	1.0873	0.5531	-0.5342
1029	30	Biased	0.9496	1.6151	0.6655
1030	50	Unbiased	1.0561	0.4782	-0.5779
1031	50	Unbiased	0.4782	1.1469	0.6687
1032	50	Unbiased	1.2592	1.0399	-0.2193
1033	50	Unbiased	1.0368	0.3533	-0.6835
1034	50	Unbiased	1.0904	1.022	-0.0684
1035	50	Biased-84Hr-Anneal	0.5248	1.1929	0.6681
1036	50	Biased-84Hr-Anneal	0.6243	0.55	-0.0743
1037	50	Biased-84Hr-Anneal	0.4717	1.0524	0.5807
1038	50	Biased-84Hr-Anneal	0.7023	0.6093	-0.093
1039	50	Biased-84Hr-Anneal	0.6738	1.1406	0.4668
1040	100	Unbiased-168Hr-Anneal	0.3877	0.5032	0.1155
1041	100	Unbiased-168Hr-Anneal	1.1435	1.0618	-0.0817
1042	100	Unbiased-168Hr-Anneal	1.106	0.447	-0.659
1043	100	Unbiased-168Hr-Anneal	1.0056	1.0243	0.0187
1044	100	Unbiased-168Hr-Anneal	1.1718	1.0907	-0.0811
1045	100	Biased-168Hr-Anneal	0.9219	1.1398	0.2179
1046	100	Biased-168Hr-Anneal	0.1484	1.1773	1.0289
1047	100	Biased-168Hr-Anneal	0.9438	1.2678	0.324
1048	100	Biased-168Hr-Anneal	0.3106	1.9328	1.6222
1049	100	Biased-168Hr-Anneal	0.1484	1.2397	1.0913

TID vs Post - Pre Exposure Delta

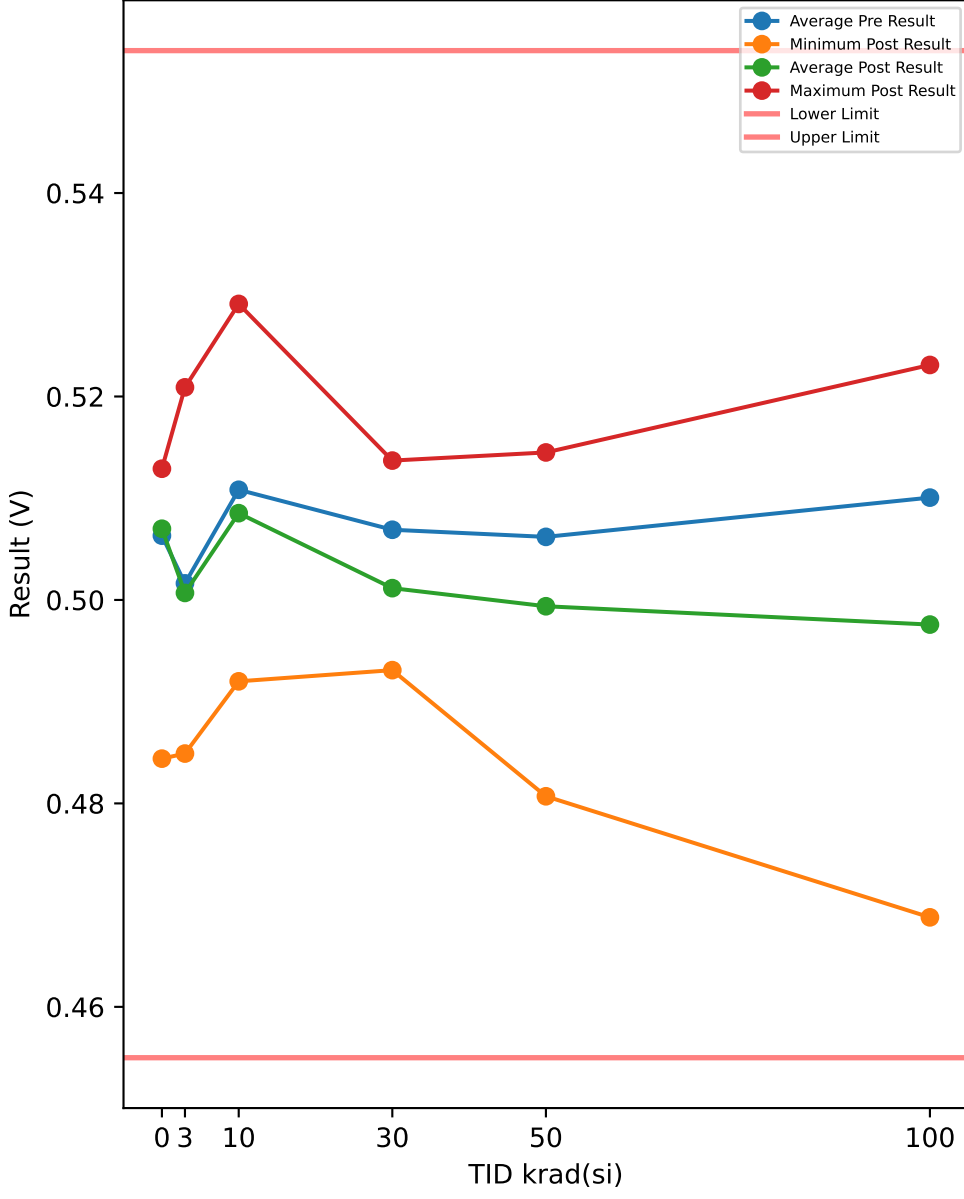


Test Statistics (nA)

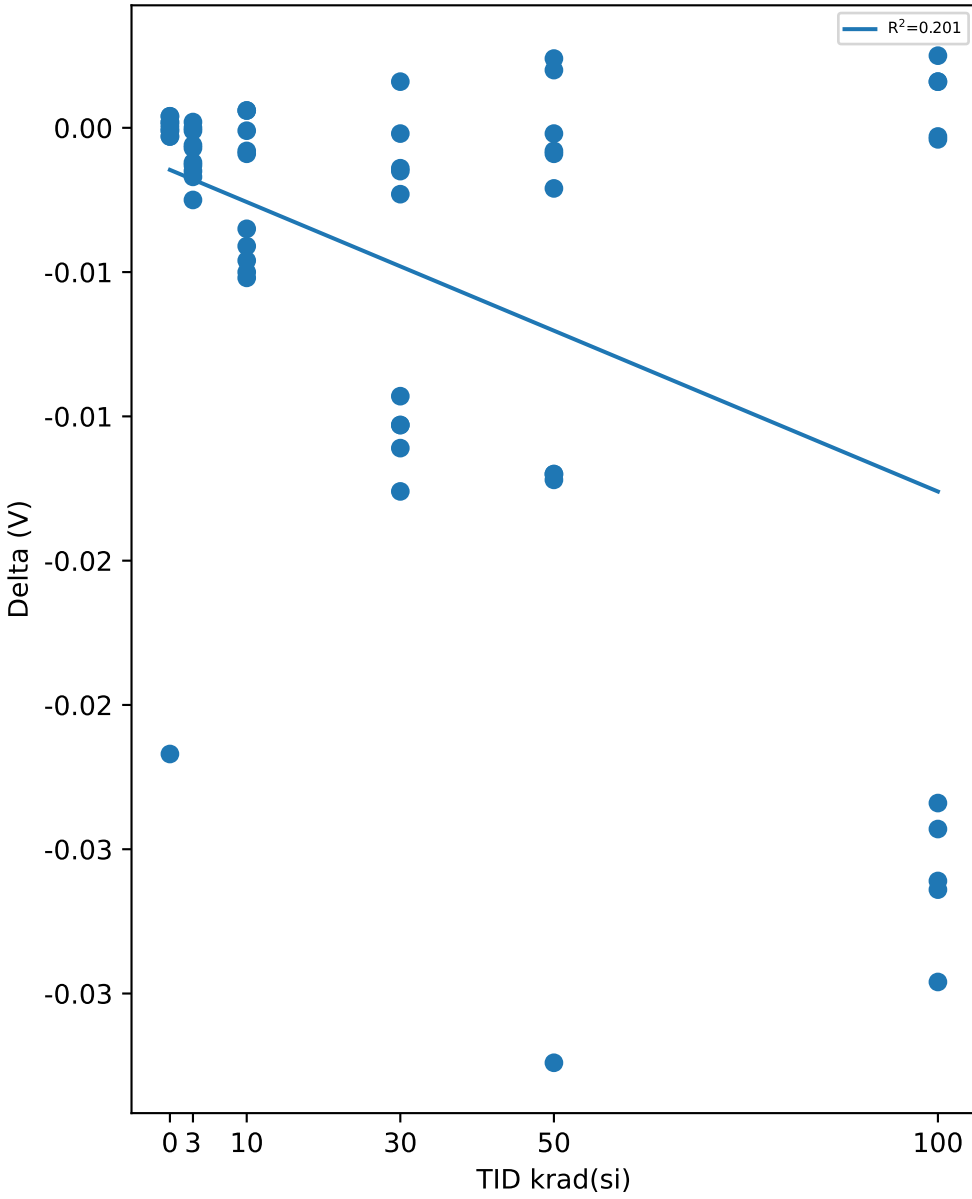
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.1375	1.2089	1.3527	0.093838	0.5157	0.956	1.3061	0.28558	-0.6218	-0.25292	-0.0466	0.22845
3	0.4345	0.97852	1.2093	0.2741	0.7143	1.2373	2.5509	0.70034	-0.3158	0.25878	1.4923	0.67454
10	0.4158	1.0331	1.3521	0.33013	0.7487	1.2878	2.6756	0.72545	-0.3823	0.25472	1.5102	0.74771
30	0.4252	1.0235	1.1937	0.22044	0.4345	1.2475	2.5322	0.74097	-0.6054	0.22402	2.107	0.89481
50	0.4717	0.79176	1.2592	0.29052	0.3533	0.85855	1.1929	0.32127	-0.6835	0.06679	0.6687	0.50245
100	0.1484	0.72877	1.1718	0.4263	0.447	1.0884	1.9328	0.41329	-0.659	0.35967	1.6222	0.68322

Device Test: 15.10 THRESHOLD|FALL/EN/12////@EN_VTH_FALLING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.455, Upper Limit = 0.554 (V))

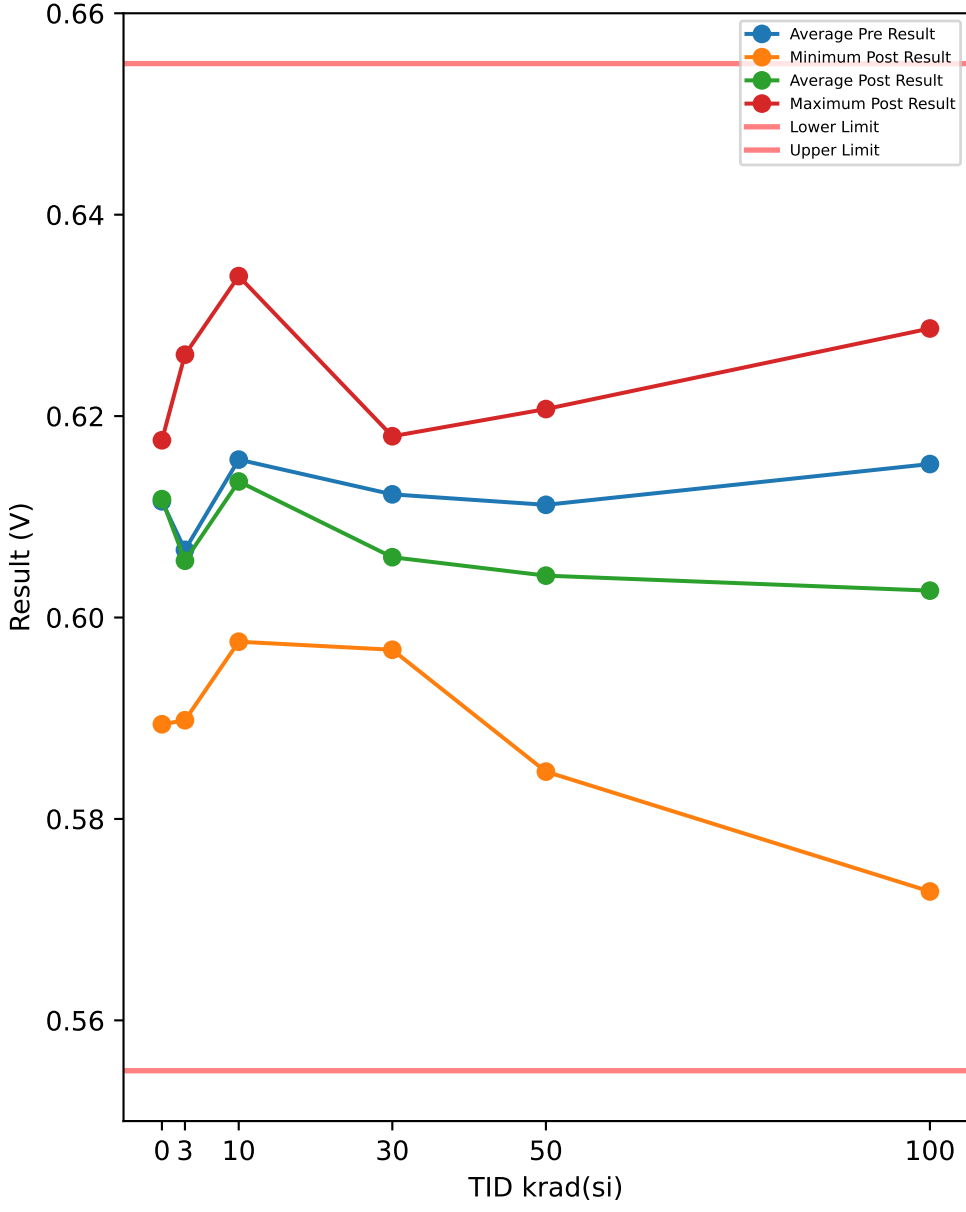
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5061	0.4844	-0.0217
516	0	CORRELATION	0.4997	0.4998	0.0001
721	0	CORRELATION	0.5036	0.5036	0
723	0	CORRELATION	0.5097	0.5096	-0.0001
729	0	CORRELATION	0.5125	0.5127	0.0002
1000	3	Unbiased	0.5023	0.5023	0
1001	3	Unbiased	0.5215	0.5209	-0.0006
1002	3	Unbiased	0.5101	0.5094	-0.0007
1003	3	Unbiased	0.4847	0.4849	0.0002
1004	3	Unbiased	0.496	0.4959	-0.0001
1005	3	Biased	0.5037	0.5024	-0.0013
1006	3	Biased	0.5045	0.5033	-0.0012
1007	3	Biased	0.5	0.4975	-0.0025
1008	3	Biased	0.495	0.4933	-0.0017
1009	3	Biased	0.4985	0.497	-0.0015
1010	10	Unbiased	0.51	0.5099	-0.0001
1011	10	Unbiased	0.53	0.5291	-0.0009
1012	10	Unbiased	0.5094	0.5086	-0.0008
1013	10	Unbiased	0.5058	0.5064	0.0006
1014	10	Unbiased	0.5075	0.5081	0.0006
1015	10	Biased	0.4981	0.494	-0.0041
1016	10	Biased	0.4955	0.492	-0.0035
1017	10	Biased	0.5275	0.5223	-0.0052
1018	10	Biased	0.5066	0.5016	-0.005
1019	10	Biased	0.5179	0.5133	-0.0046
1020	30	Unbiased	0.5129	0.5106	-0.0023
1021	30	Unbiased	0.4967	0.4952	-0.0015
1022	30	Unbiased	0.5044	0.5042	-0.0002
1023	30	Unbiased	0.5151	0.5137	-0.0014
1024	30	Unbiased	0.4972	0.4988	0.0016
1025	30	Biased	0.5056	0.4945	-0.0111
1026	30	Biased	0.5189	0.5063	-0.0126
1027	30	Biased	0.5034	0.4931	-0.0103
1028	30	Biased	0.5113	0.501	-0.0103
1029	30	Biased	0.5035	0.4942	-0.0093
1030	50	Unbiased	0.505	0.5041	-0.0009
1031	50	Unbiased	0.5166	0.5145	-0.0021
1032	50	Unbiased	0.5036	0.5056	0.002
1033	50	Unbiased	0.4959	0.4957	-0.0002
1034	50	Unbiased	0.5047	0.5039	-0.0008
1035	50	Biased-84Hr-Anneal	0.5217	0.5097	-0.012
1036	50	Biased-84Hr-Anneal	0.4929	0.4807	-0.0122
1037	50	Biased-84Hr-Anneal	0.5061	0.4941	-0.012
1038	50	Biased-84Hr-Anneal	0.4995	0.5019	0.0024
1039	50	Biased-84Hr-Anneal	0.516	0.4836	-0.0324
1040	100	Unbiased-168Hr-Anneal	0.4988	0.4985	-0.0003
1041	100	Unbiased-168Hr-Anneal	0.5144	0.514	-0.0004
1042	100	Unbiased-168Hr-Anneal	0.5191	0.5207	0.0016
1043	100	Unbiased-168Hr-Anneal	0.5215	0.5231	0.0016
1044	100	Unbiased-168Hr-Anneal	0.5073	0.5098	0.0025
1045	100	Biased-168Hr-Anneal	0.4952	0.4688	-0.0264
1046	100	Biased-168Hr-Anneal	0.5087	0.4844	-0.0243
1047	100	Biased-168Hr-Anneal	0.5043	0.4809	-0.0234
1048	100	Biased-168Hr-Anneal	0.5152	0.4856	-0.0296
1049	100	Biased-168Hr-Anneal	0.5161	0.49	-0.0261

Test Statistics (V)

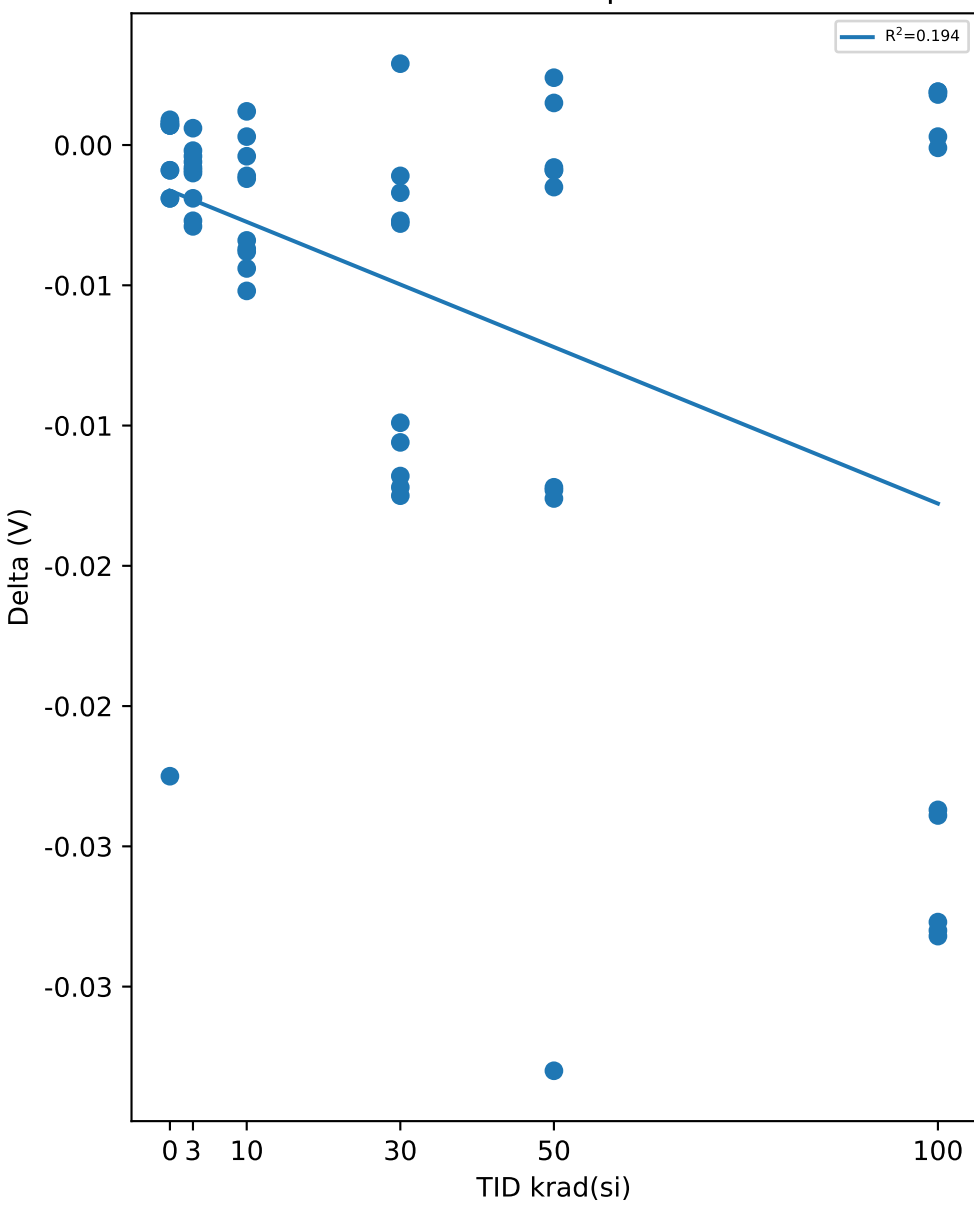
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4997	0.50632	0.5125	0.0050222	0.4844	0.50202	0.5127	0.011061	-0.0217	-0.0043	0.0002	0.0097275
3	0.4847	0.50163	0.5215	0.0097426	0.4849	0.50069	0.5209	0.0097029	-0.0025	-0.00094	0.0002	0.00085531
10	0.4955	0.51083	0.53	0.011301	0.492	0.50853	0.5291	0.011424	-0.0052	-0.0023	0.0006	0.002393
30	0.4967	0.5069	0.5189	0.0074273	0.4931	0.50116	0.5137	0.0073098	-0.0126	-0.00574	0.0016	0.0054085
50	0.4929	0.5062	0.5217	0.0093261	0.4807	0.49938	0.5145	0.010864	-0.0324	-0.00682	0.0024	0.010735
100	0.4952	0.51006	0.5215	0.0087215	0.4688	0.49758	0.5231	0.01852	-0.0296	-0.01248	0.0025	0.014324

Device Test: 15.12 THRESHOLD|RISE/EN/14////@EN_VTH_RISING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.555, Upper Limit = 0.655 (V))

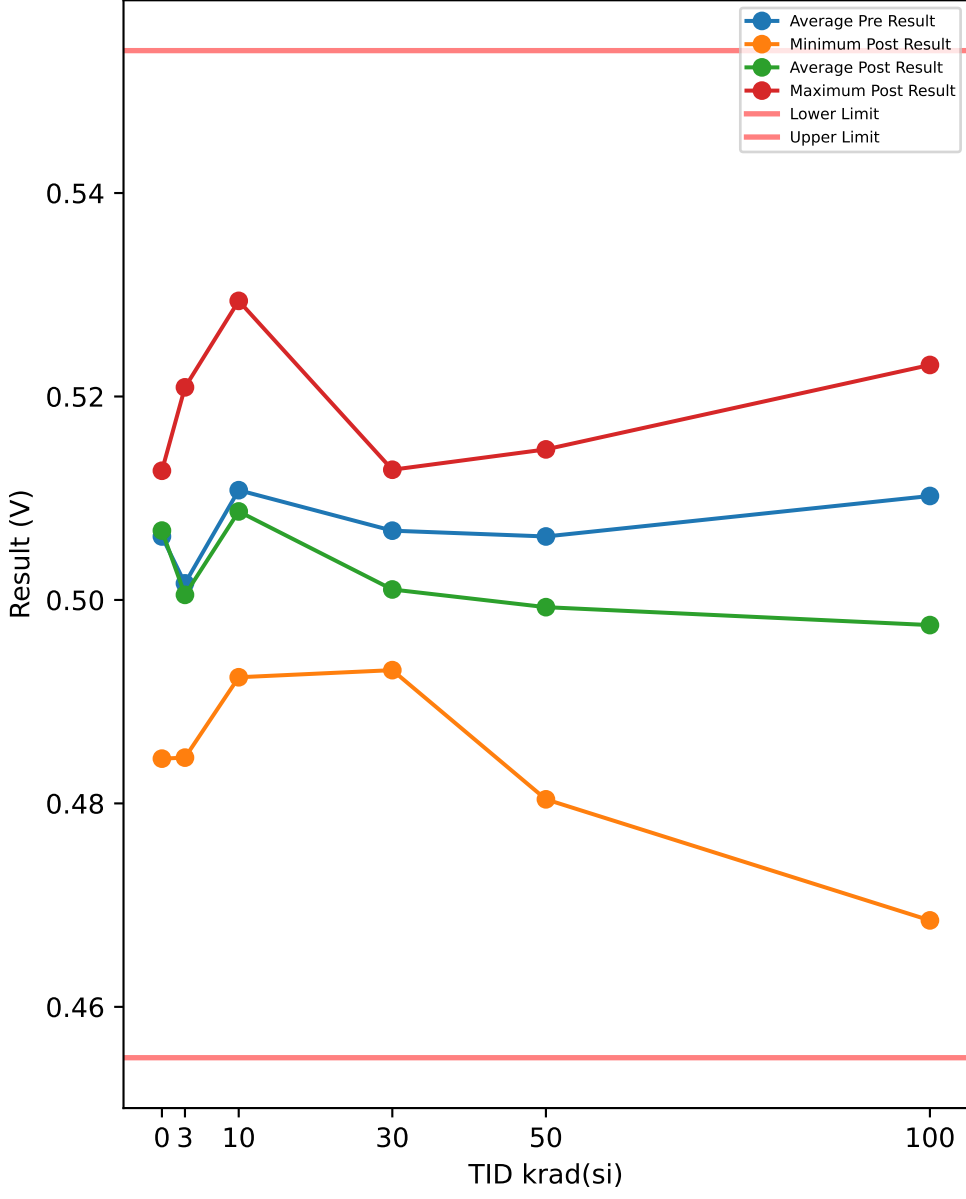
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6119	0.5894	-0.0225
516	0	CORRELATION	0.6056	0.6063	0.0007
721	0	CORRELATION	0.6085	0.6094	0.0009
723	0	CORRELATION	0.6149	0.613	-0.0019
729	0	CORRELATION	0.6168	0.6176	0.0008
1000	3	Unbiased	0.6069	0.6075	0.0006
1001	3	Unbiased	0.6265	0.6261	-0.0004
1002	3	Unbiased	0.6144	0.6142	-0.0002
1003	3	Unbiased	0.5906	0.5898	-0.0008
1004	3	Unbiased	0.6015	0.6005	-0.001
1005	3	Biased	0.609	0.6071	-0.0019
1006	3	Biased	0.6097	0.6088	-0.0009
1007	3	Biased	0.6052	0.6023	-0.0029
1008	3	Biased	0.6003	0.5976	-0.0027
1009	3	Biased	0.6031	0.6025	-0.0006
1010	10	Unbiased	0.6156	0.6152	-0.0004
1011	10	Unbiased	0.635	0.6339	-0.0011
1012	10	Unbiased	0.6144	0.6132	-0.0012
1013	10	Unbiased	0.611	0.6113	0.0003
1014	10	Unbiased	0.6115	0.6127	0.0012
1015	10	Biased	0.6021	0.5983	-0.0038
1016	10	Biased	0.601	0.5976	-0.0034
1017	10	Biased	0.6315	0.6278	-0.0037
1018	10	Biased	0.6119	0.6067	-0.0052
1019	10	Biased	0.6228	0.6184	-0.0044
1020	30	Unbiased	0.6184	0.6157	-0.0027
1021	30	Unbiased	0.6025	0.5997	-0.0028
1022	30	Unbiased	0.6106	0.6095	-0.0011
1023	30	Unbiased	0.6197	0.618	-0.0017
1024	30	Unbiased	0.6021	0.605	0.0029
1025	30	Biased	0.6106	0.6	-0.0106
1026	30	Biased	0.6235	0.6117	-0.0118
1027	30	Biased	0.609	0.5968	-0.0122
1028	30	Biased	0.6172	0.6047	-0.0125
1029	30	Biased	0.6087	0.5988	-0.0099
1030	50	Unbiased	0.6109	0.6094	-0.0015
1031	50	Unbiased	0.6215	0.6207	-0.0008
1032	50	Unbiased	0.6088	0.6112	0.0024
1033	50	Unbiased	0.6006	0.5997	-0.0009
1034	50	Unbiased	0.6094	0.6085	-0.0009
1035	50	Biased-84Hr-Anneal	0.6263	0.614	-0.0123
1036	50	Biased-84Hr-Anneal	0.5969	0.5847	-0.0122
1037	50	Biased-84Hr-Anneal	0.6113	0.5987	-0.0126
1038	50	Biased-84Hr-Anneal	0.6047	0.6062	0.0015
1039	50	Biased-84Hr-Anneal	0.6215	0.5885	-0.033
1040	100	Unbiased-168Hr-Anneal	0.6031	0.605	0.0019
1041	100	Unbiased-168Hr-Anneal	0.62	0.6199	-0.0001
1042	100	Unbiased-168Hr-Anneal	0.6247	0.6265	0.0018
1043	100	Unbiased-168Hr-Anneal	0.6268	0.6287	0.0019
1044	100	Unbiased-168Hr-Anneal	0.6116	0.6119	0.0003
1045	100	Biased-168Hr-Anneal	0.6008	0.5728	-0.028
1046	100	Biased-168Hr-Anneal	0.6135	0.5896	-0.0239
1047	100	Biased-168Hr-Anneal	0.6102	0.5865	-0.0237
1048	100	Biased-168Hr-Anneal	0.6194	0.5912	-0.0282
1049	100	Biased-168Hr-Anneal	0.6223	0.5946	-0.0277

Test Statistics (V)

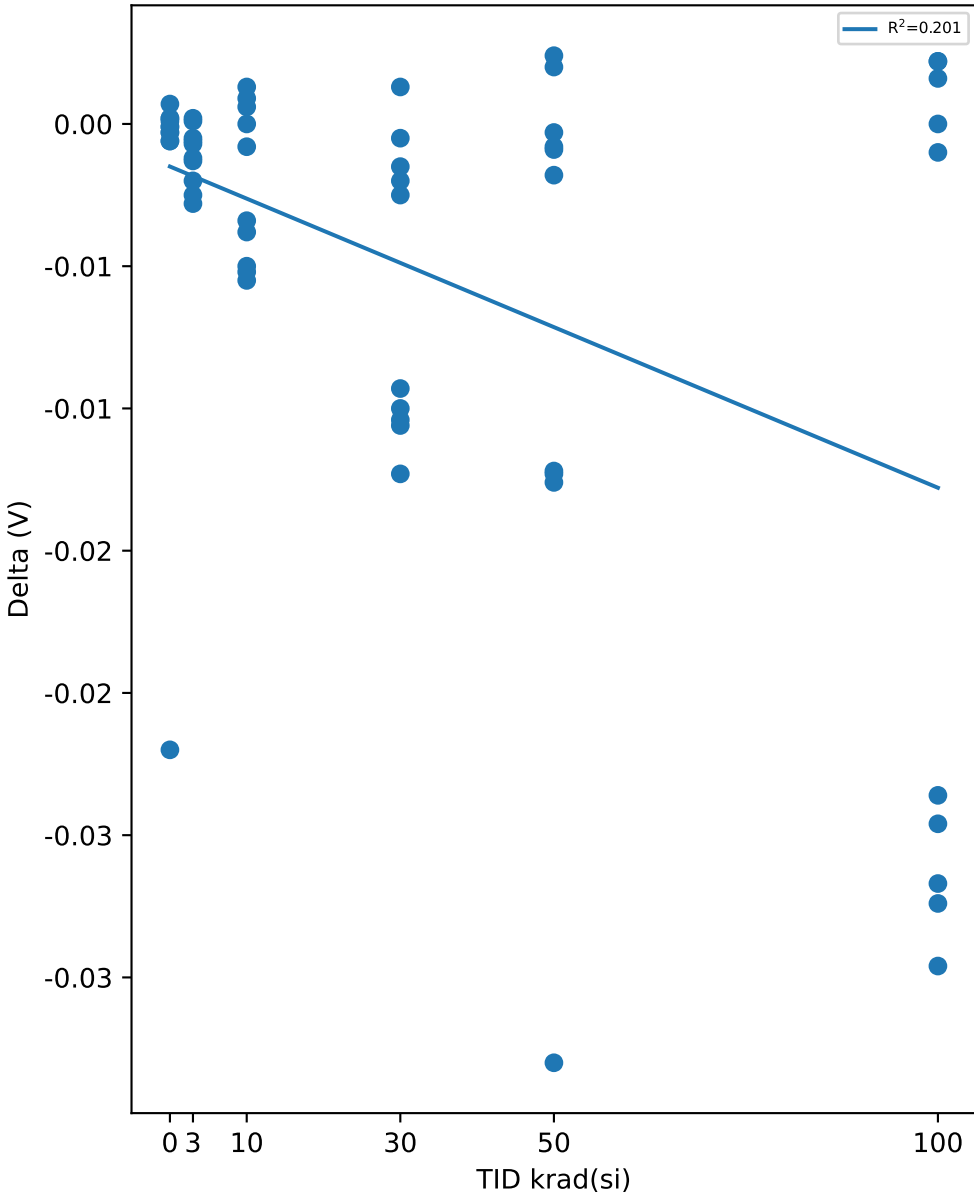
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6056	0.61154	0.6168	0.004572	0.5894	0.60714	0.6176	0.010773	-0.0225	-0.0044	0.0009	0.010186
3	0.5906	0.60672	0.6265	0.0094756	0.5898	0.60564	0.6261	0.0098344	-0.0029	-0.00108	0.0006	0.0011063
10	0.601	0.61568	0.635	0.011202	0.5976	0.61351	0.6339	0.011466	-0.0052	-0.00217	0.0012	0.0021945
30	0.6021	0.61223	0.6235	0.0072348	0.5968	0.60599	0.618	0.0074363	-0.0125	-0.00624	0.0029	0.0057054
50	0.5969	0.61119	0.6263	0.0094774	0.5847	0.60416	0.6207	0.011275	-0.033	-0.00703	0.0024	0.010884
100	0.6008	0.61524	0.6268	0.0088851	0.5728	0.60267	0.6287	0.018721	-0.0282	-0.01257	0.0019	0.014568

Device Test: 15.13 THRESHOLD|FALL/EN/14////@EN_VTH_FALLING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



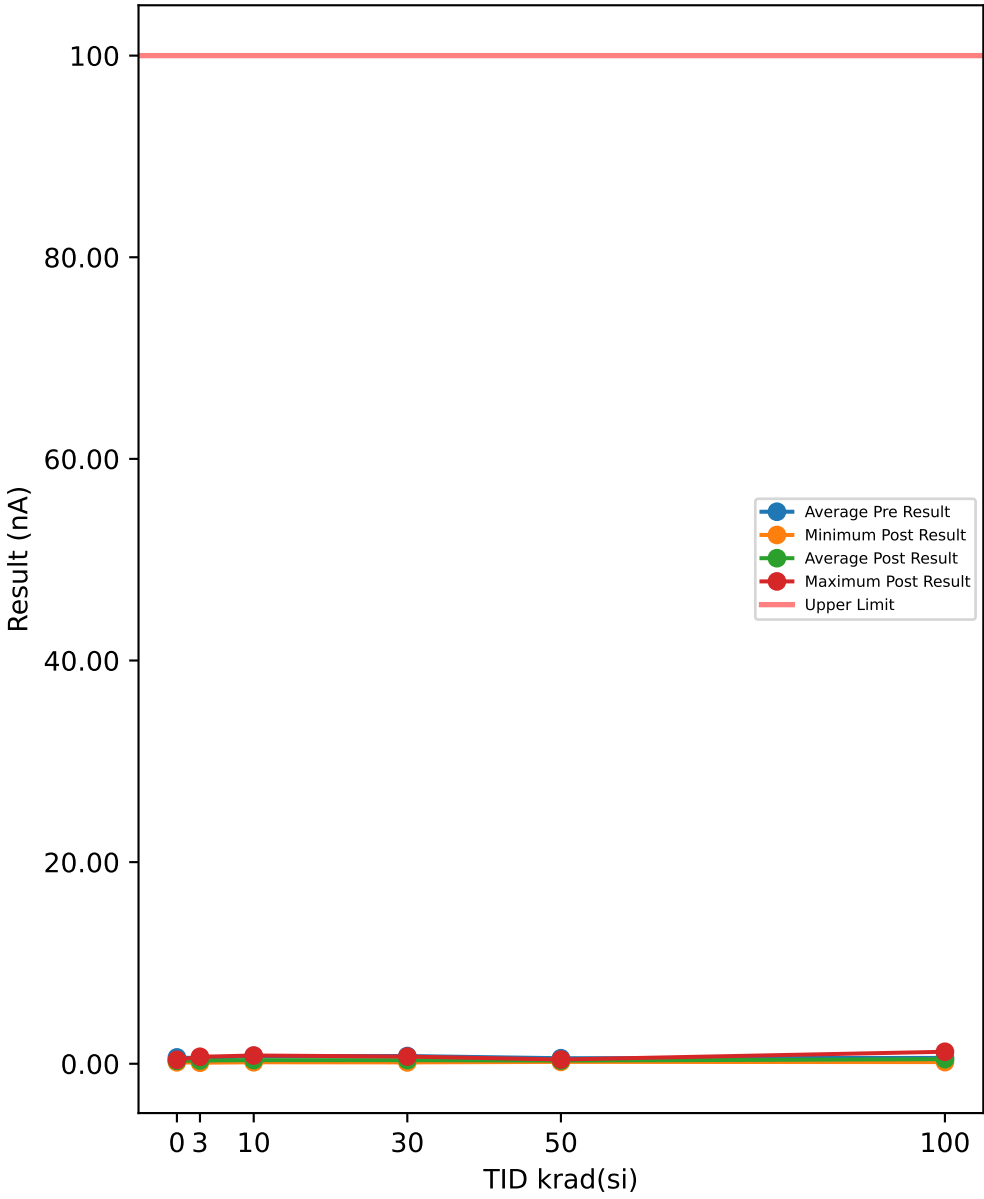
Test Results (Lower Limit = 0.455, Upper Limit = 0.554 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5064	0.4844	-0.022
516	0	CORRELATION	0.4997	0.4998	0.0001
721	0	CORRELATION	0.5029	0.5036	0.0007
723	0	CORRELATION	0.5097	0.5096	-0.0001
729	0	CORRELATION	0.5125	0.5127	0.0002
1000	3	Unbiased	0.5026	0.5027	0.0001
1001	3	Unbiased	0.5215	0.5209	-0.0006
1002	3	Unbiased	0.5098	0.5091	-0.0007
1003	3	Unbiased	0.485	0.4845	-0.0005
1004	3	Unbiased	0.496	0.4962	0.0002
1005	3	Biased	0.5034	0.5021	-0.0013
1006	3	Biased	0.5048	0.5023	-0.0025
1007	3	Biased	0.5	0.4972	-0.0028
1008	3	Biased	0.4953	0.4933	-0.002
1009	3	Biased	0.4979	0.4967	-0.0012
1010	10	Unbiased	0.5097	0.5103	0.0006
1011	10	Unbiased	0.5294	0.5294	0
1012	10	Unbiased	0.5091	0.5083	-0.0008
1013	10	Unbiased	0.5051	0.5064	0.0013
1014	10	Unbiased	0.5075	0.5084	0.0009
1015	10	Biased	0.4981	0.4943	-0.0038
1016	10	Biased	0.4958	0.4924	-0.0034
1017	10	Biased	0.5281	0.5226	-0.0055
1018	10	Biased	0.5066	0.5016	-0.005
1019	10	Biased	0.5185	0.5133	-0.0052
1020	30	Unbiased	0.5135	0.511	-0.0025
1021	30	Unbiased	0.4964	0.4949	-0.0015
1022	30	Unbiased	0.5047	0.5042	-0.0005
1023	30	Unbiased	0.5148	0.5128	-0.002
1024	30	Unbiased	0.4972	0.4985	0.0013
1025	30	Biased	0.5053	0.4949	-0.0104
1026	30	Biased	0.5189	0.5066	-0.0123
1027	30	Biased	0.5031	0.4931	-0.01
1028	30	Biased	0.511	0.5004	-0.0106
1029	30	Biased	0.5032	0.4939	-0.0093
1030	50	Unbiased	0.5047	0.5044	-0.0003
1031	50	Unbiased	0.5166	0.5148	-0.0018
1032	50	Unbiased	0.5036	0.5056	0.002
1033	50	Unbiased	0.4966	0.4957	-0.0009
1034	50	Unbiased	0.5047	0.5039	-0.0008
1035	50	Biased-84Hr-Anneal	0.5217	0.5091	-0.0126
1036	50	Biased-84Hr-Anneal	0.4926	0.4804	-0.0122
1037	50	Biased-84Hr-Anneal	0.5061	0.4938	-0.0123
1038	50	Biased-84Hr-Anneal	0.4995	0.5019	0.0024
1039	50	Biased-84Hr-Anneal	0.5163	0.4833	-0.033
1040	100	Unbiased-168Hr-Anneal	0.4985	0.4985	0
1041	100	Unbiased-168Hr-Anneal	0.515	0.514	-0.001
1042	100	Unbiased-168Hr-Anneal	0.5185	0.5207	0.0022
1043	100	Unbiased-168Hr-Anneal	0.5215	0.5231	0.0016
1044	100	Unbiased-168Hr-Anneal	0.5076	0.5098	0.0022
1045	100	Biased-168Hr-Anneal	0.4952	0.4685	-0.0267
1046	100	Biased-168Hr-Anneal	0.509	0.4844	-0.0246
1047	100	Biased-168Hr-Anneal	0.5052	0.4816	-0.0236
1048	100	Biased-168Hr-Anneal	0.5149	0.4853	-0.0296
1049	100	Biased-168Hr-Anneal	0.5168	0.4894	-0.0274

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4997	0.50624	0.5125	0.0051262	0.4844	0.50202	0.5127	0.011061	-0.022	-0.00422	0.0007	0.0099437
3	0.485	0.50163	0.5215	0.0096643	0.4845	0.5005	0.5209	0.0097321	-0.0028	-0.00113	0.0002	0.0010328
10	0.4958	0.51079	0.5294	0.011333	0.4924	0.5087	0.5294	0.011423	-0.0055	-0.00209	0.0013	0.0027509
30	0.4964	0.50681	0.5189	0.0075024	0.4931	0.50103	0.5128	0.0072624	-0.0123	-0.00578	0.0013	0.0051495
50	0.4926	0.50624	0.5217	0.0093315	0.4804	0.49929	0.5148	0.010987	-0.033	-0.00695	0.0024	0.010951
100	0.4952	0.51022	0.5215	0.0086945	0.4685	0.49753	0.5231	0.018553	-0.0296	-0.01269	0.0022	0.014548

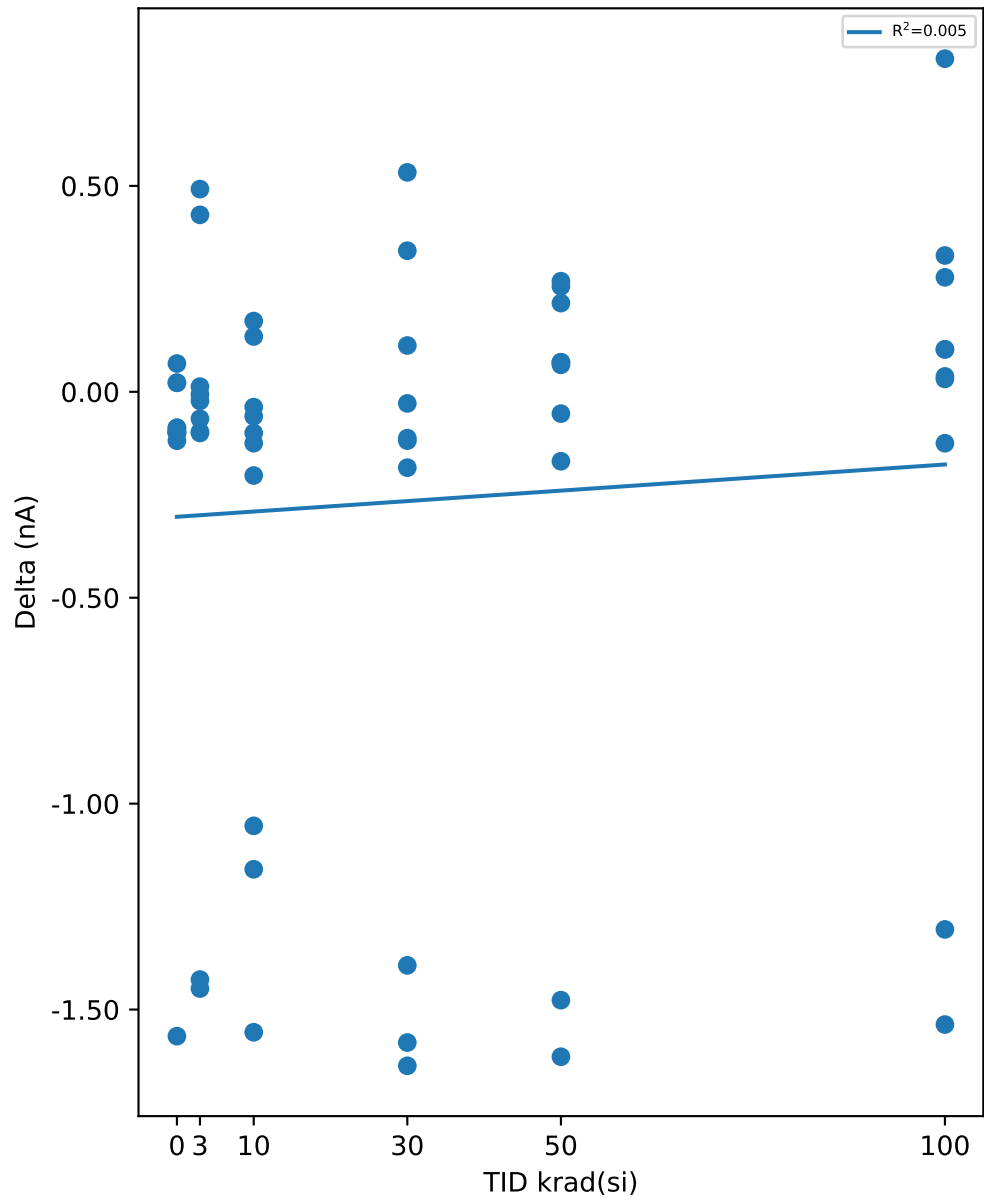
TID vs Result Stats



Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.181	0.2497	0.0687
516	0	CORRELATION	1.9548	0.3902	-1.5646
721	0	CORRELATION	0.2653	0.1466	-0.1187
723	0	CORRELATION	0.4464	0.3498	-0.0966
729	0	CORRELATION	0.2934	0.3153	0.0219
1000	3	Unbiased	0.256	0.2339	-0.0221
1001	3	Unbiased	0.3028	0.2967	-0.0061
1002	3	Unbiased	0.1904	0.6826	0.4922
1003	3	Unbiased	1.8112	0.384	-1.4272
1004	3	Unbiased	0.206	0.2186	0.0126
1005	3	Biased	0.2591	0.1936	-0.0655
1006	3	Biased	0.1998	0.1029	-0.0969
1007	3	Biased	0.2622	0.6919	0.4297
1008	3	Biased	1.7581	0.3091	-1.449
1009	3	Biased	0.2435	0.1435	-0.1
1010	10	Unbiased	1.8018	0.2467	-1.5551
1011	10	Unbiased	1.8736	0.8197	-1.0539
1012	10	Unbiased	0.231	0.4028	0.1718
1013	10	Unbiased	0.2653	0.1653	-0.1
1014	10	Unbiased	0.3434	0.2186	-0.1248
1015	10	Biased	0.565	0.5278	-0.0372
1016	10	Biased	0.128	0.2623	0.1343
1017	10	Biased	0.4995	0.2963	-0.2032
1018	10	Biased	1.6675	0.5081	-1.1594
1019	10	Biased	0.206	0.1466	-0.0594
1020	30	Unbiased	0.1623	0.5049	0.3426
1021	30	Unbiased	0.1748	0.1466	-0.0282
1022	30	Unbiased	1.7674	0.3747	-1.3927
1023	30	Unbiased	0.181	0.2934	0.1124
1024	30	Unbiased	0.4558	0.2716	-0.1842
1025	30	Biased	1.7706	0.1341	-1.6365
1026	30	Biased	0.128	0.6608	0.5328
1027	30	Biased	0.3871	0.2685	-0.1186
1028	30	Biased	1.8174	0.2373	-1.5801
1029	30	Biased	0.8242	0.7117	-0.1125
1030	50	Unbiased	1.8674	0.3902	-1.4772
1031	50	Unbiased	0.384	0.2154	-0.1686
1032	50	Unbiased	0.1561	0.3715	0.2154
1033	50	Unbiased	0.3902	0.3372	-0.053
1034	50	Unbiased	1.8112	0.1967	-1.6145
1035	50	Biased-84Hr-Anneal	0.1497	0.4058	0.2561
1036	50	Biased-84Hr-Anneal	0.1124	0.1842	0.0718
1037	50	Biased-84Hr-Anneal	0.1528	0.4214	0.2686
1038	50	Biased-84Hr-Anneal	0.2404	0.3059	0.0655
1039	50	Biased-84Hr-Anneal	0.2404	0.3121	0.0717
1040	100	Unbiased-168Hr-Anneal	0.3871	0.2622	-0.1249
1041	100	Unbiased-168Hr-Anneal	1.7393	0.4339	-1.3054
1042	100	Unbiased-168Hr-Anneal	1.7331	0.1967	-1.5364
1043	100	Unbiased-168Hr-Anneal	0.359	0.3902	0.0312
1044	100	Unbiased-168Hr-Anneal	0.128	0.1654	0.0374
1045	100	Biased-168Hr-Anneal	0.3684	0.4714	0.103
1046	100	Biased-168Hr-Anneal	0.131	0.462	0.331
1047	100	Biased-168Hr-Anneal	0.4433	0.5463	0.103
1048	100	Biased-168Hr-Anneal	0.3805	1.1894	0.8089
1049	100	Biased-168Hr-Anneal	0.1528	0.4308	0.278

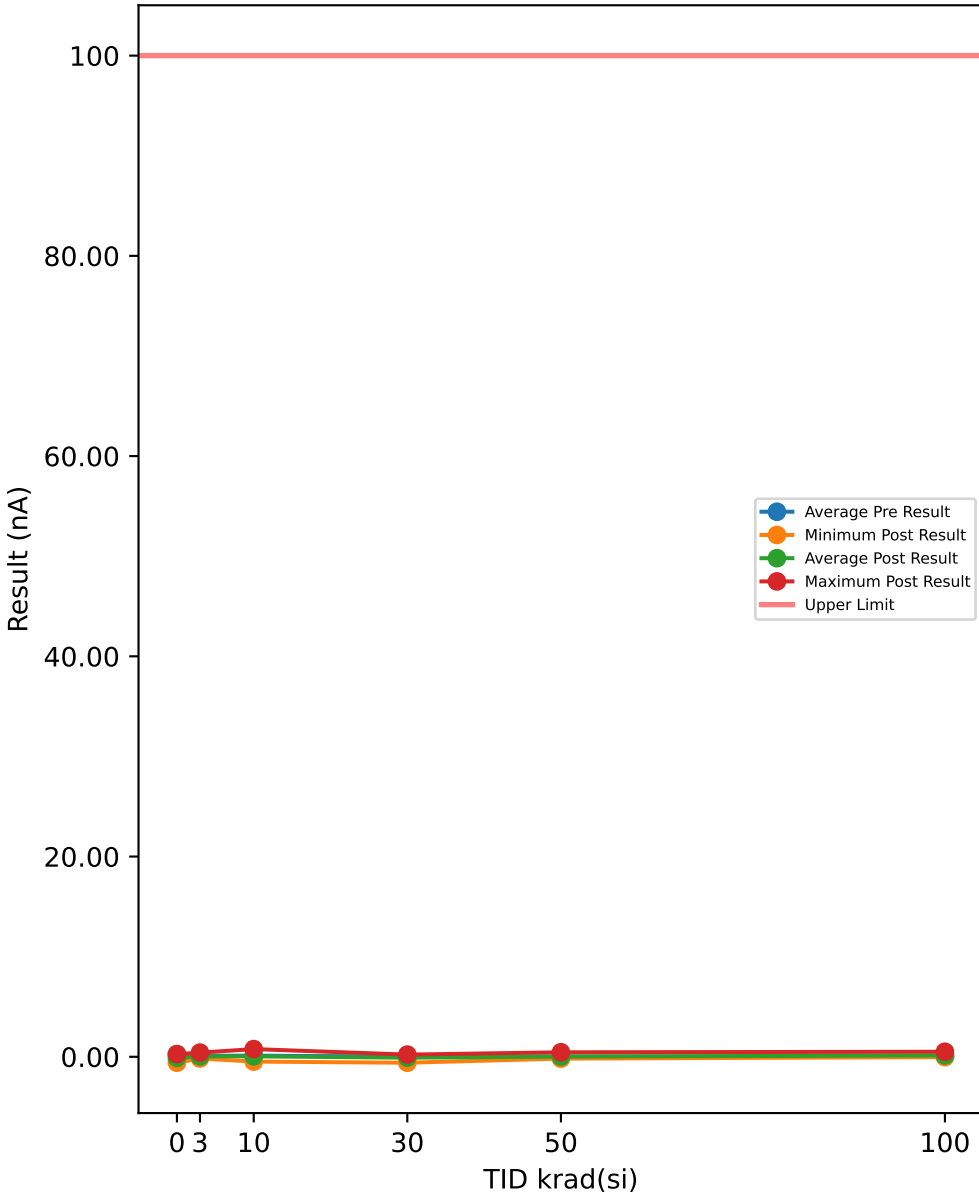
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.181	0.62818	1.9548	0.74778	0.1466	0.29032	0.3902	0.095451	-1.5646	-0.33786	0.0687	0.69026
3	0.1904	0.54891	1.8112	0.65229	0.1029	0.32568	0.6919	0.20714	-1.449	-0.22323	0.4922	0.67408
10	0.128	0.75811	1.8736	0.71952	0.1466	0.35942	0.8197	0.209	-1.5551	-0.39869	0.1718	0.61491
30	0.128	0.76686	1.8174	0.73211	0.1341	0.36036	0.7117	0.20211	-1.6365	-0.4065	0.5328	0.81222
50	0.1124	0.55046	1.8674	0.68602	0.1842	0.31404	0.4214	0.088199	-1.6145	-0.23642	0.2686	0.70394
100	0.128	0.58225	1.7393	0.61925	0.1654	0.45483	1.1894	0.28694	-1.5364	-0.12742	0.8089	0.72897

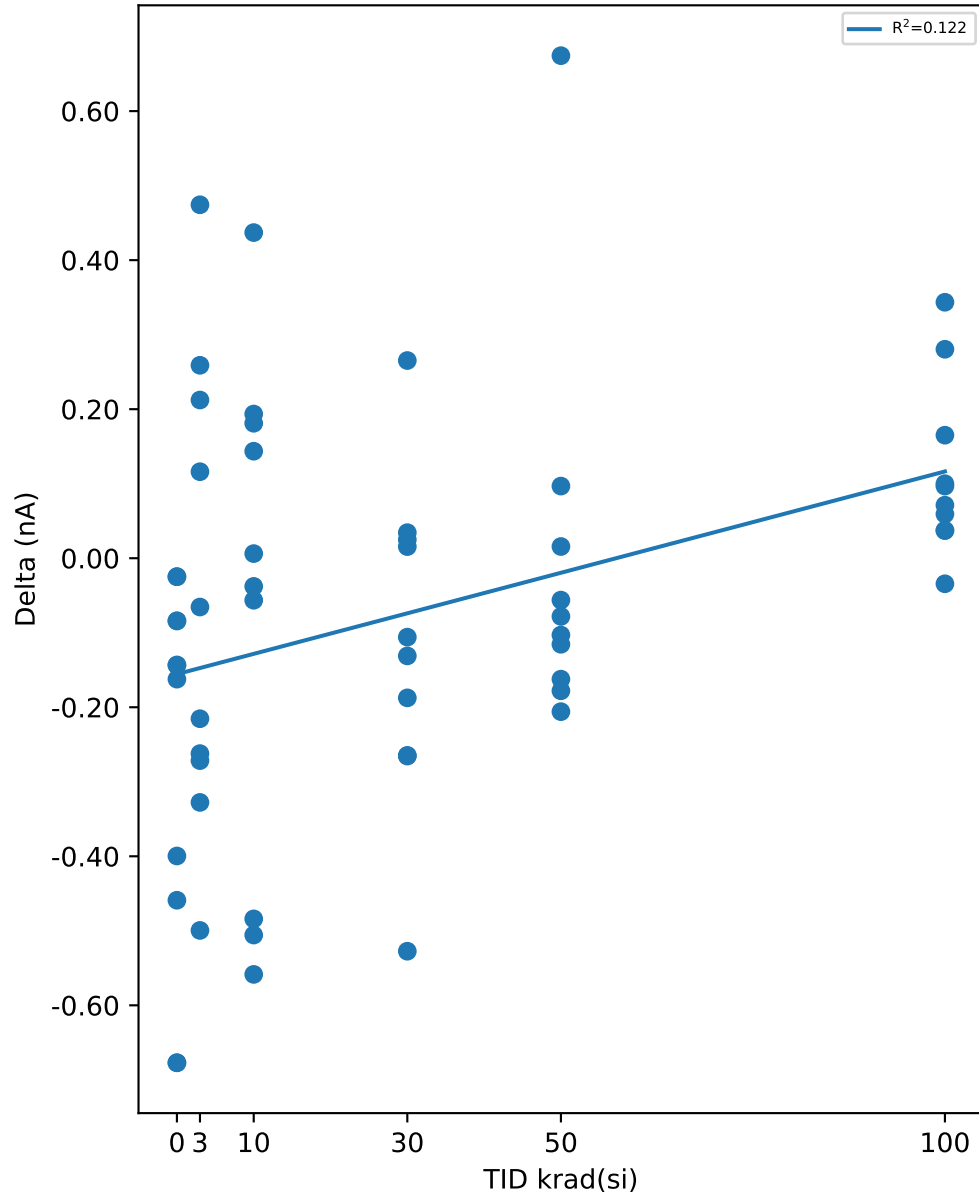
TID vs Result Stats



Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.3216	-0.1374	-0.459
516	0	CORRELATION	0.4246	0.2623	-0.1623
721	0	CORRELATION	0.3528	-0.0468	-0.3996
723	0	CORRELATION	0.0872	-0.5899	-0.6771
729	0	CORRELATION	0.081	-0.0624	-0.1434
1000	3	Unbiased	0.2966	0.025	-0.2716
1001	3	Unbiased	-0.0592	0.4151	0.4743
1002	3	Unbiased	0.2123	-0.0499	-0.2622
1003	3	Unbiased	0.1623	-0.1654	-0.3277
1004	3	Unbiased	-0.0999	-0.1654	-0.0655
1005	3	Biased	0.2366	0.3527	0.1161
1006	3	Biased	0.4433	-0.0562	-0.4995
1007	3	Biased	-0.0311	0.2278	0.2589
1008	3	Biased	0.0437	-0.1717	-0.2154
1009	3	Biased	-0.2217	-0.0094	0.2123
1010	10	Unbiased	0.0968	0.2903	0.1935
1011	10	Unbiased	-0.2466	0.1904	0.437
1012	10	Unbiased	0.0812	0.0874	0.0062
1013	10	Unbiased	-0.1592	0.0219	0.1811
1014	10	Unbiased	-0.0872	-0.1436	-0.0564
1015	10	Biased	0.0778	-0.4807	-0.5585
1016	10	Biased	0.5339	0.0499	-0.484
1017	10	Biased	-0.1027	-0.1405	-0.0378
1018	10	Biased	0.2903	-0.2154	-0.5057
1019	10	Biased	0.6244	0.768	0.1436
1020	30	Unbiased	-0.0437	-0.0281	0.0156
1021	30	Unbiased	-0.0343	-0.0094	0.0249
1022	30	Unbiased	0.0937	-0.0937	-0.1874
1023	30	Unbiased	0.3278	0.0623	-0.2655
1024	30	Unbiased	0.2646	0	-0.2646
1025	30	Biased	-0.3902	-0.1249	0.2653
1026	30	Biased	-0.0656	-0.593	-0.5274
1027	30	Biased	0.3238	0.2179	-0.1059
1028	30	Biased	-0.0219	-0.153	-0.1311
1029	30	Biased	-0.2154	-0.1811	0.0343
1030	50	Unbiased	0.6119	0.4496	-0.1623
1031	50	Unbiased	-0.1905	-0.0937	0.0968
1032	50	Unbiased	0.1093	0.0062	-0.1031
1033	50	Unbiased	0.0592	-0.1467	-0.2059
1034	50	Unbiased	-0.5526	0.1218	0.6744
1035	50	Biased-84Hr-Anneal	-0.0375	-0.0218	0.0157
1036	50	Biased-84Hr-Anneal	-0.078	-0.1561	-0.0781
1037	50	Biased-84Hr-Anneal	0.128	0.0125	-0.1155
1038	50	Biased-84Hr-Anneal	-0.128	-0.1842	-0.0562
1039	50	Biased-84Hr-Anneal	0.3403	0.1624	-0.1779
1040	100	Unbiased-168Hr-Anneal	-0.0812	0.0156	0.0968
1041	100	Unbiased-168Hr-Anneal	0.1467	0.2179	0.0712
1042	100	Unbiased-168Hr-Anneal	0	-0.0343	-0.0343
1043	100	Unbiased-168Hr-Anneal	0.1152	0.1744	0.0592
1044	100	Unbiased-168Hr-Anneal	0.1592	0.5027	0.3435
1045	100	Biased-168Hr-Anneal	-0.0905	0.1899	0.2804
1046	100	Biased-168Hr-Anneal	0.0343	0.0716	0.0373
1047	100	Biased-168Hr-Anneal	-0.1093	-0.0093	0.1
1048	100	Biased-168Hr-Anneal	-0.0312	0.1339	0.1651
1049	100	Biased-168Hr-Anneal	0.0905	0.1277	0.0372

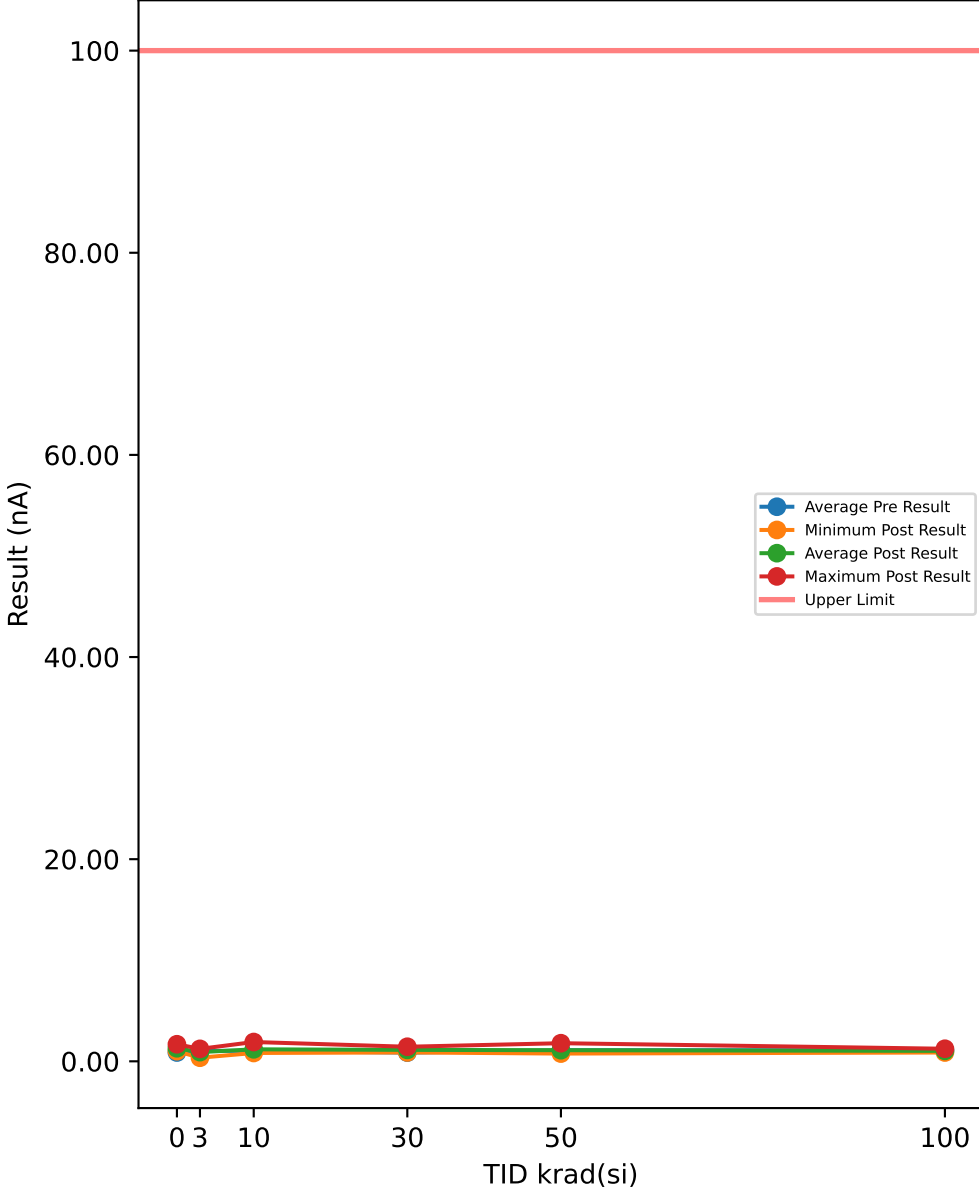
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.081	0.25344	0.4246	0.15905	-0.5899	-0.11484	0.2623	0.30651	-0.6771	-0.36828	-0.1434	0.22225
3	-0.2217	0.09829	0.4433	0.20569	-0.1717	0.04026	0.4151	0.21678	-0.4995	-0.05803	0.4743	0.31037
10	-0.2466	0.11087	0.6244	0.29109	-0.4807	0.04277	0.768	0.33673	-0.5585	-0.0681	0.437	0.34026
30	-0.3902	0.02388	0.3278	0.23379	-0.593	-0.0903	0.2179	0.21159	-0.5274	-0.11418	0.2653	0.21711
50	-0.5526	0.02621	0.6119	0.31282	-0.1842	0.015	0.4496	0.19159	-0.2059	-0.01121	0.6744	0.25751
100	-0.1093	0.02337	0.1592	0.10096	-0.0343	0.13901	0.5027	0.15431	-0.0343	0.11564	0.3435	0.11645

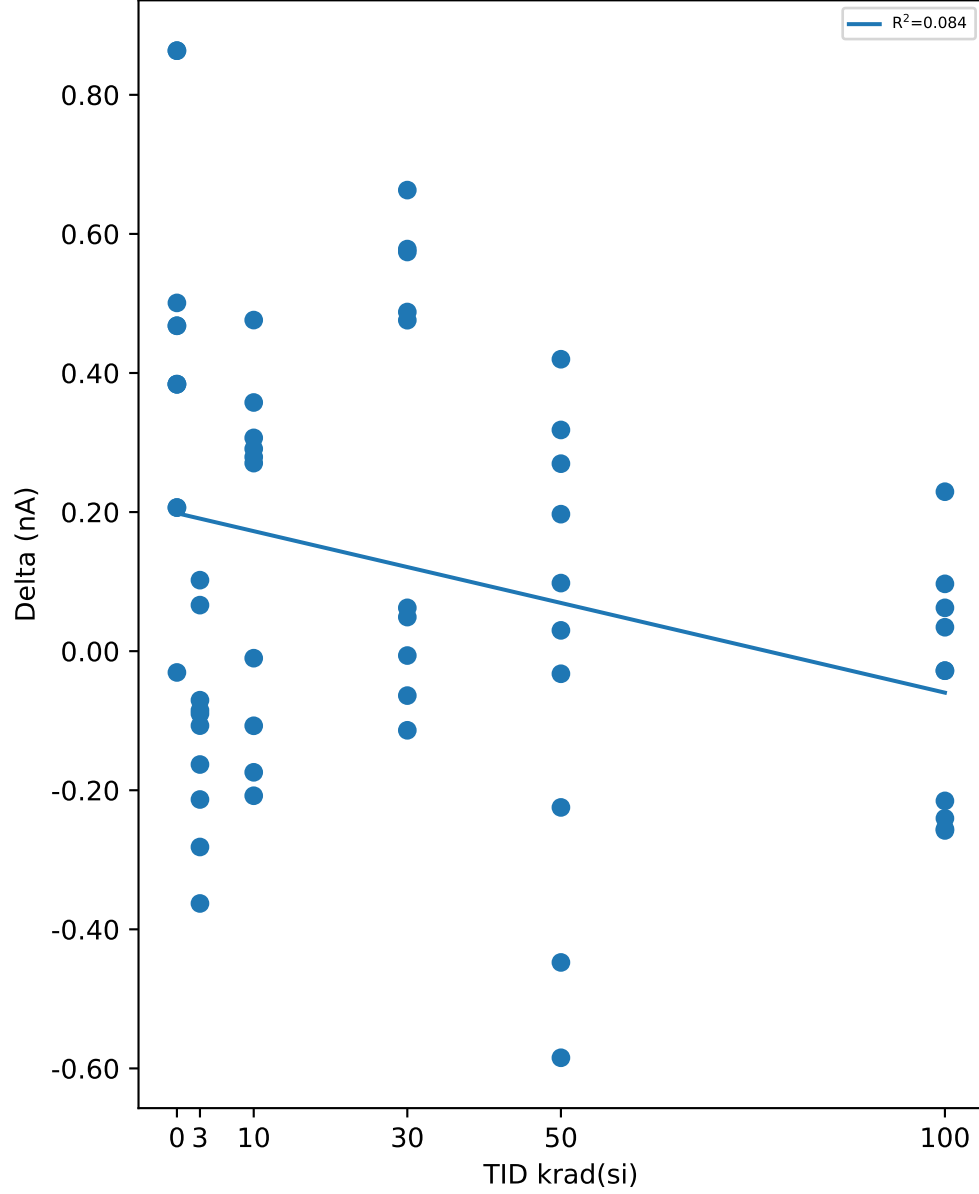
TID vs Result Stats



Test Results (Upper Limit = 100.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.7445	1.2453	0.5008
516	0	CORRELATION	0.6164	1.0005	0.3841
721	0	CORRELATION	1.2721	1.2415	-0.0306
723	0	CORRELATION	0.8243	1.6878	0.8635
729	0	CORRELATION	0.8959	1.1024	0.2065
1000	3	Unbiased	1.1659	1.2321	0.0662
1001	3	Unbiased	0.8243	0.611	-0.2133
1002	3	Unbiased	1.0317	0.9612	-0.0705
1003	3	Unbiased	1.1096	1.0025	-0.1071
1004	3	Unbiased	1.1673	1.0043	-0.163
1005	3	Biased	0.9706	0.689	-0.2816
1006	3	Biased	1.269	1.1791	-0.0899
1007	3	Biased	0.7184	0.3556	-0.3628
1008	3	Biased	0.9098	1.0119	0.1021
1009	3	Biased	1.1298	1.0448	-0.085
1010	10	Unbiased	0.8006	1.1073	0.3067
1011	10	Unbiased	0.5446	0.8238	0.2792
1012	10	Unbiased	1.4545	1.2803	-0.1742
1013	10	Unbiased	0.8069	1.0979	0.291
1014	10	Unbiased	0.7901	1.0605	0.2704
1015	10	Biased	0.7434	1.101	0.3576
1016	10	Biased	1.3252	1.2179	-0.1073
1017	10	Biased	0.6655	1.1416	0.4761
1018	10	Biased	1.3438	1.1359	-0.2079
1019	10	Biased	1.9197	1.9096	-0.0101
1020	30	Unbiased	1.0205	1.0142	-0.0063
1021	30	Unbiased	0.7507	1.2384	0.4877
1022	30	Unbiased	0.9816	1.0306	0.049
1023	30	Unbiased	0.9411	0.8772	-0.0639
1024	30	Unbiased	0.843	1.417	0.574
1025	30	Biased	0.5415	1.1197	0.5782
1026	30	Biased	0.7788	1.4418	0.663
1027	30	Biased	1.0111	1.0734	0.0623
1028	30	Biased	0.657	1.1329	0.4759
1029	30	Biased	1.0799	0.9661	-0.1138
1030	50	Unbiased	1.3719	1.7917	0.4198
1031	50	Unbiased	1.1985	1.2284	0.0299
1032	50	Unbiased	0.8444	0.8119	-0.0325
1033	50	Unbiased	0.8523	1.1704	0.3181
1034	50	Unbiased	1.0722	0.8475	-0.2247
1035	50	Biased-84Hr-Anneal	1.3499	0.7652	-0.5847
1036	50	Biased-84Hr-Anneal	1.035	1.1329	0.0979
1037	50	Biased-84Hr-Anneal	1.3093	0.8617	-0.4476
1038	50	Biased-84Hr-Anneal	0.8883	1.1579	0.2696
1039	50	Biased-84Hr-Anneal	1.047	1.244	0.197
1040	100	Unbiased-168Hr-Anneal	1.2047	1.2391	0.0344
1041	100	Unbiased-168Hr-Anneal	1.272	1.0142	-0.2578
1042	100	Unbiased-168Hr-Anneal	0.9973	1.2266	0.2293
1043	100	Unbiased-168Hr-Anneal	1.0578	1.0298	-0.028
1044	100	Unbiased-168Hr-Anneal	1.1472	1.244	0.0968
1045	100	Biased-168Hr-Anneal	0.8741	0.9364	0.0623
1046	100	Biased-168Hr-Anneal	1.1455	0.9302	-0.2153
1047	100	Biased-168Hr-Anneal	0.8991	0.871	-0.0281
1048	100	Biased-168Hr-Anneal	1.1393	0.8835	-0.2558
1049	100	Biased-168Hr-Anneal	1.2017	0.9613	-0.2404

TID vs Post - Pre Exposure Delta

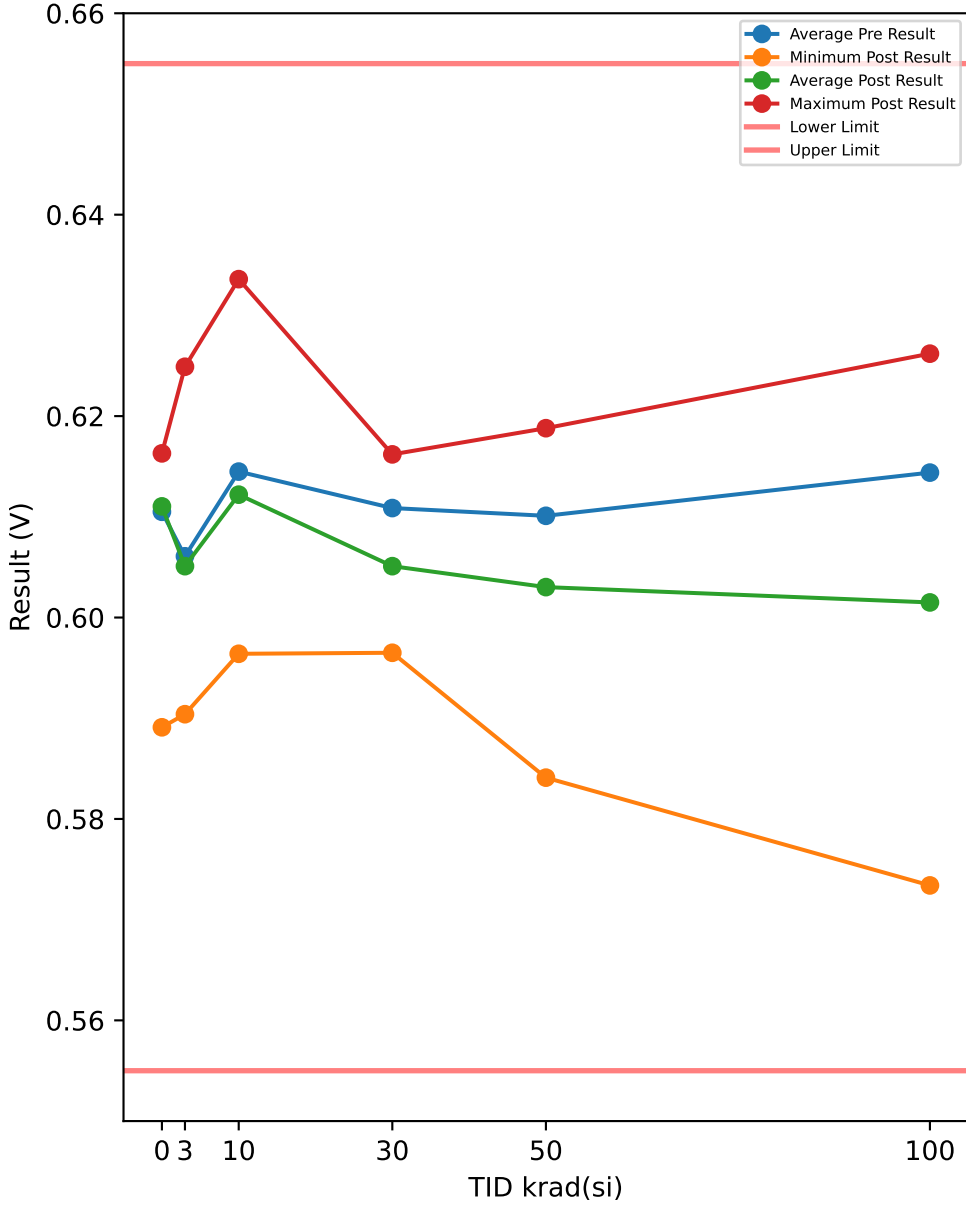


Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6164	0.87064	1.2721	0.24724	1.0005	1.2555	1.6878	0.26251	-0.0306	0.38486	0.8635	0.33427
3	0.7184	1.0296	1.269	0.1726	0.3556	0.90915	1.2321	0.27292	-0.3628	-0.12049	0.1021	0.14313
10	0.5446	1.0394	1.9197	0.4431	0.8238	1.1876	1.9096	0.2801	-0.2079	0.14815	0.4761	0.24722
30	0.5415	0.86052	1.0799	0.17632	0.8772	1.1311	1.4418	0.1852	-0.1138	0.27061	0.663	0.3089
50	0.8444	1.0969	1.3719	0.20251	0.7652	1.1012	1.7917	0.30563	-0.5847	0.00428	0.4198	0.33216
100	0.8741	1.0939	1.272	0.13336	0.871	1.0336	1.244	0.1485	-0.2578	-0.06026	0.2293	0.17266

Device Test: 15.3 THRESHOLD|RISE/EN/4.5////@EN_VTH_RISING

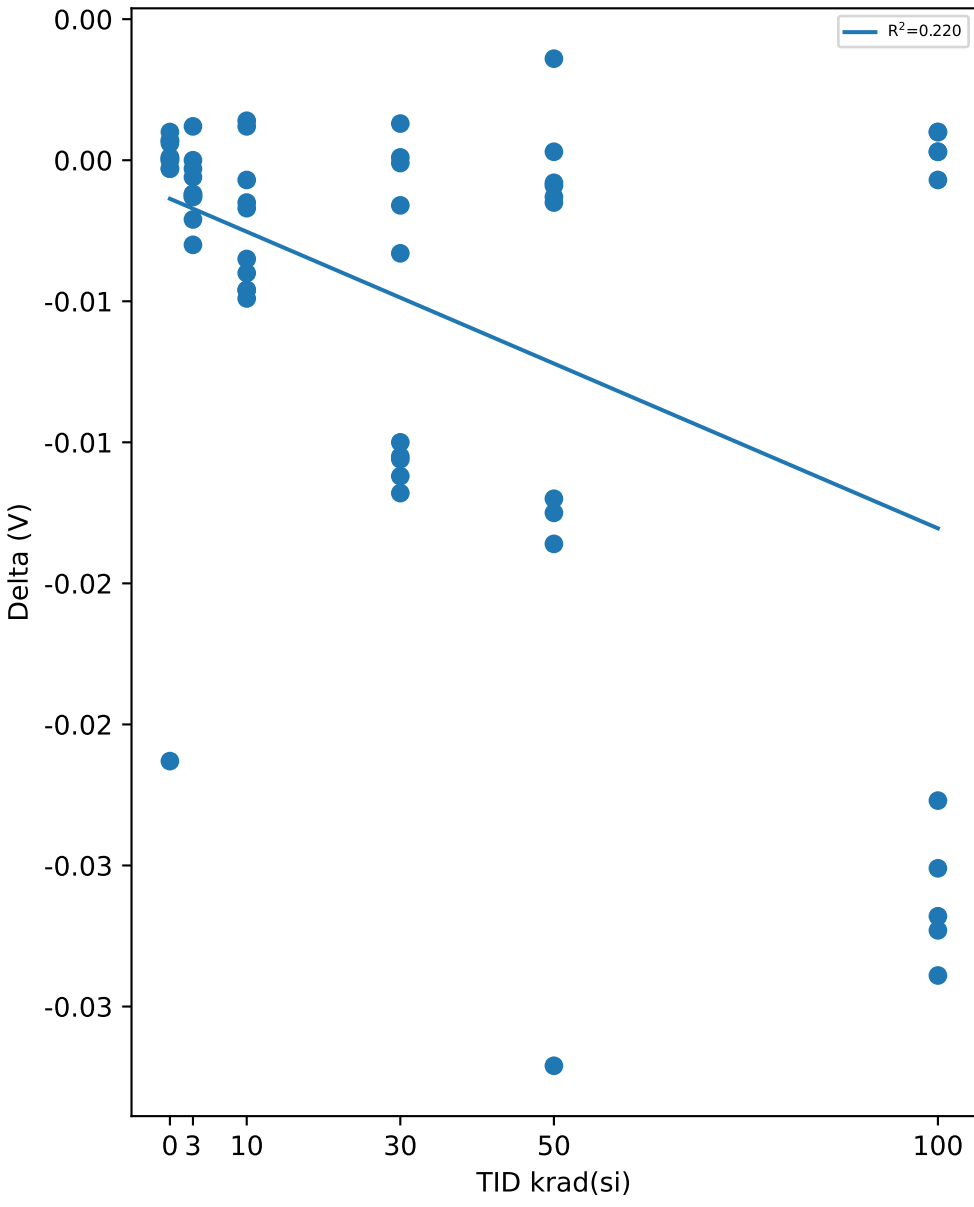
TID vs Result Stats



Test Results (Lower Limit = 0.555, Upper Limit = 0.655 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6104	0.5891	-0.0213
516	0	CORRELATION	0.6047	0.6057	0.001
721	0	CORRELATION	0.6082	0.6088	0.0006
723	0	CORRELATION	0.613	0.6127	-0.0003
729	0	CORRELATION	0.6162	0.6163	0.0001
1000	3	Unbiased	0.6069	0.6081	0.0012
1001	3	Unbiased	0.6252	0.6249	-0.0003
1002	3	Unbiased	0.6141	0.6135	-0.0006
1003	3	Unbiased	0.5916	0.5904	-0.0012
1004	3	Unbiased	0.6015	0.6002	-0.0013
1005	3	Biased	0.608	0.6068	-0.0012
1006	3	Biased	0.6082	0.6069	-0.0013
1007	3	Biased	0.6043	0.6013	-0.003
1008	3	Biased	0.5991	0.597	-0.0021
1009	3	Biased	0.6019	0.6019	0
1010	10	Unbiased	0.6144	0.6127	-0.0017
1011	10	Unbiased	0.6322	0.6336	0.0014
1012	10	Unbiased	0.6128	0.6113	-0.0015
1013	10	Unbiased	0.6094	0.6106	0.0012
1014	10	Unbiased	0.6112	0.6105	-0.0007
1015	10	Biased	0.6015	0.598	-0.0035
1016	10	Biased	0.6004	0.5964	-0.004
1017	10	Biased	0.6315	0.6269	-0.0046
1018	10	Biased	0.6103	0.6054	-0.0049
1019	10	Biased	0.6212	0.6166	-0.0046
1020	30	Unbiased	0.6175	0.6142	-0.0033
1021	30	Unbiased	0.601	0.5994	-0.0016
1022	30	Unbiased	0.6091	0.6092	0.0001
1023	30	Unbiased	0.6163	0.6162	-0.0001
1024	30	Unbiased	0.6015	0.6028	0.0013
1025	30	Biased	0.61	0.6	-0.01
1026	30	Biased	0.6219	0.6101	-0.0118
1027	30	Biased	0.6077	0.5965	-0.0112
1028	30	Biased	0.615	0.6044	-0.0106
1029	30	Biased	0.6087	0.5982	-0.0105
1030	50	Unbiased	0.61	0.6087	-0.0013
1031	50	Unbiased	0.6203	0.6188	-0.0015
1032	50	Unbiased	0.6066	0.6102	0.0036
1033	50	Unbiased	0.6002	0.5994	-0.0008
1034	50	Unbiased	0.6078	0.6069	-0.0009
1035	50	Biased-84Hr-Anneal	0.6247	0.6127	-0.012
1036	50	Biased-84Hr-Anneal	0.5966	0.5841	-0.0125
1037	50	Biased-84Hr-Anneal	0.611	0.5974	-0.0136
1038	50	Biased-84Hr-Anneal	0.6041	0.6044	0.0003
1039	50	Biased-84Hr-Anneal	0.6197	0.5876	-0.0321
1040	100	Unbiased-168Hr-Anneal	0.6034	0.6044	0.001
1041	100	Unbiased-168Hr-Anneal	0.6194	0.6187	-0.0007
1042	100	Unbiased-168Hr-Anneal	0.6234	0.6237	0.0003
1043	100	Unbiased-168Hr-Anneal	0.6252	0.6262	0.001
1044	100	Unbiased-168Hr-Anneal	0.611	0.6113	0.0003
1045	100	Biased-168Hr-Anneal	0.6002	0.5734	-0.0268
1046	100	Biased-168Hr-Anneal	0.6132	0.5881	-0.0251
1047	100	Biased-168Hr-Anneal	0.6089	0.5862	-0.0227
1048	100	Biased-168Hr-Anneal	0.6182	0.5893	-0.0289
1049	100	Biased-168Hr-Anneal	0.621	0.5937	-0.0273

TID vs Post - Pre Exposure Delta

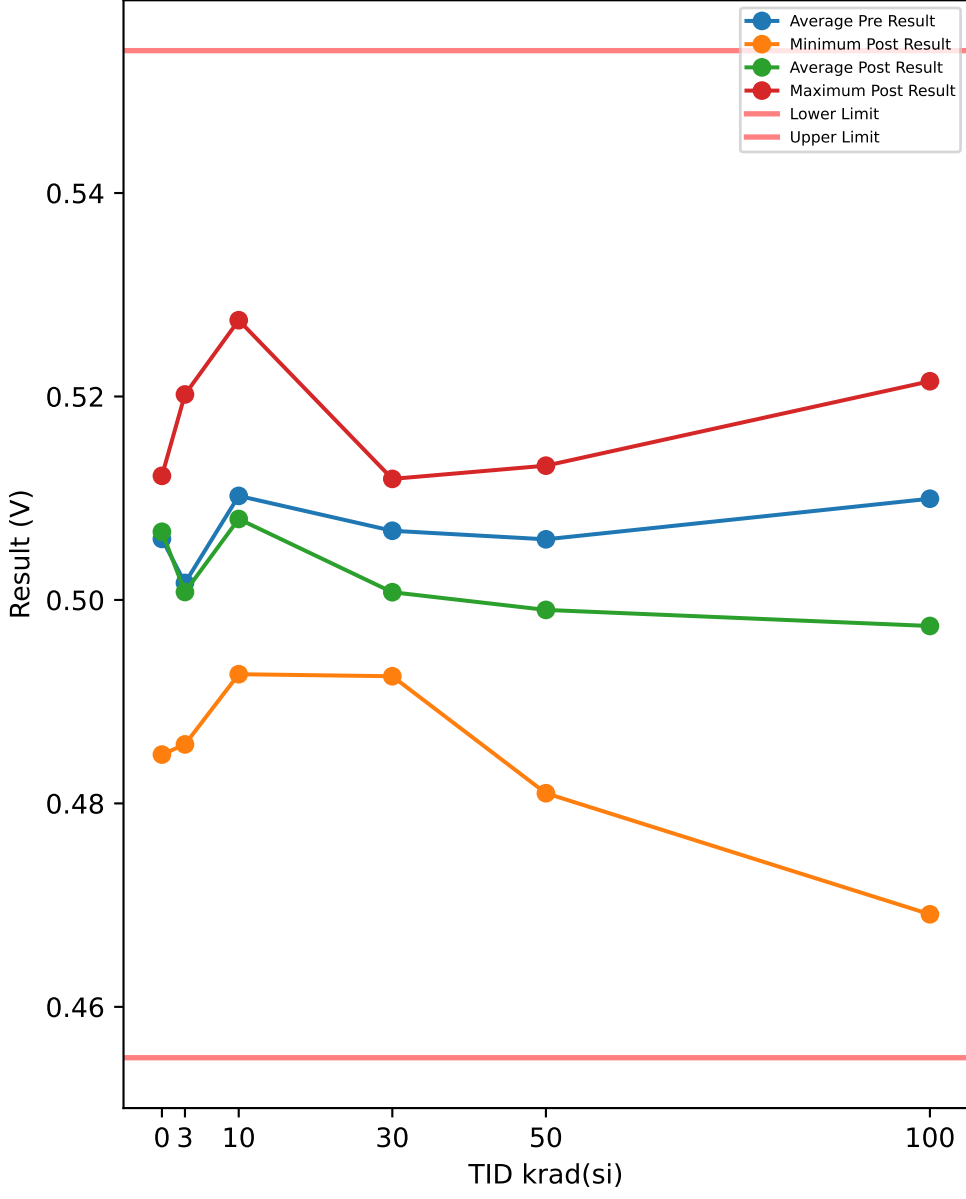


Test Statistics (V)

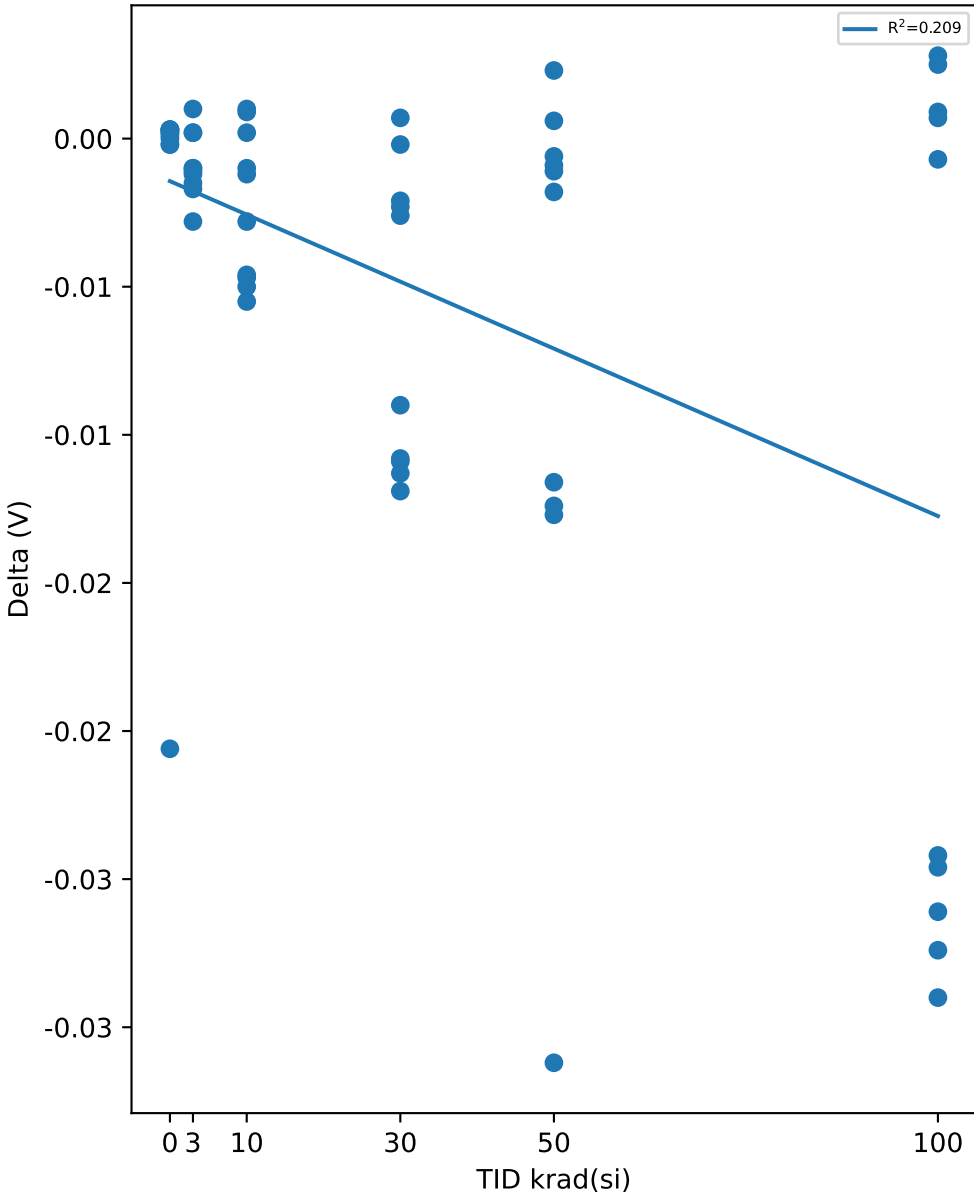
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6047	0.6105	0.6162	0.0044068	0.5891	0.60652	0.6163	0.010526	-0.0213	-0.00398	0.001	0.0096947
3	0.5916	0.60608	0.6252	0.00906	0.5904	0.6051	0.6249	0.0094758	-0.003	-0.00098	0.0012	0.0011526
10	0.6004	0.61449	0.6322	0.010916	0.5964	0.6122	0.6336	0.011535	-0.0049	-0.00229	0.0014	0.0023844
30	0.601	0.61087	0.6219	0.0067989	0.5965	0.6051	0.6162	0.0069417	-0.0118	-0.00577	0.0013	0.0054724
50	0.5966	0.6101	0.6247	0.009092	0.5841	0.60302	0.6188	0.010974	-0.0321	-0.00708	0.0036	0.010712
100	0.6002	0.61439	0.6252	0.0084756	0.5734	0.6015	0.6262	0.018	-0.0289	-0.01289	0.001	0.014084

Device Test: 15.4 THRESHOLD|FALL/EN/4.5////@EN_VTH_FALLING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



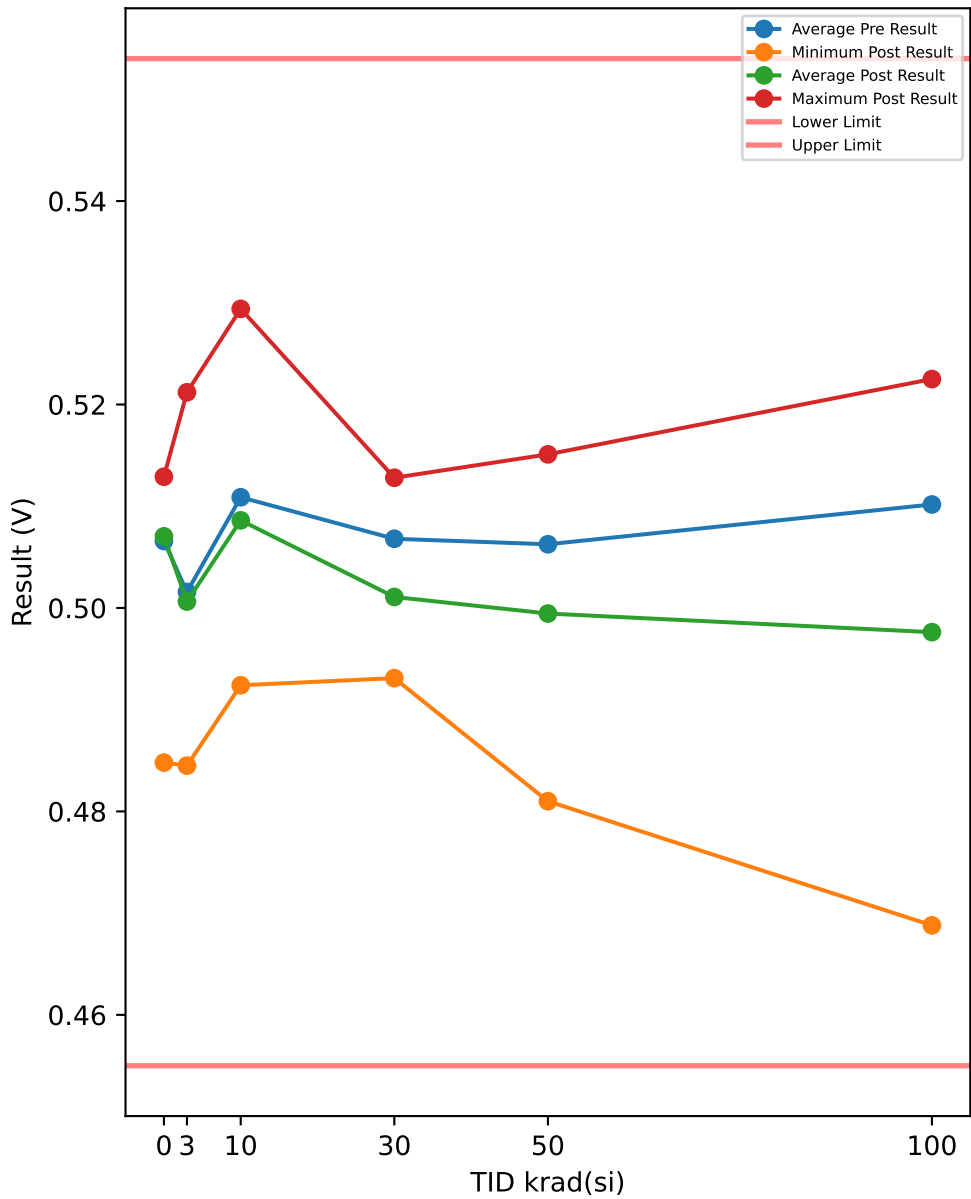
Test Results (Lower Limit = 0.455, Upper Limit = 0.554 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5054	0.4848	-0.0206
516	0	CORRELATION	0.5	0.5001	0.0001
721	0	CORRELATION	0.5036	0.5036	0
723	0	CORRELATION	0.5091	0.5093	0.0002
729	0	CORRELATION	0.5119	0.5117	-0.0002
1000	3	Unbiased	0.5026	0.5036	0.001
1001	3	Unbiased	0.52	0.5202	0.0002
1002	3	Unbiased	0.5095	0.5085	-0.001
1003	3	Unbiased	0.4869	0.4858	-0.0011
1004	3	Unbiased	0.4969	0.4971	0.0002
1005	3	Biased	0.5034	0.5024	-0.001
1006	3	Biased	0.5042	0.5027	-0.0015
1007	3	Biased	0.5	0.4972	-0.0028
1008	3	Biased	0.495	0.4933	-0.0017
1009	3	Biased	0.4982	0.497	-0.0012
1010	10	Unbiased	0.5094	0.5103	0.0009
1011	10	Unbiased	0.5285	0.5275	-0.001
1012	10	Unbiased	0.5085	0.5073	-0.0012
1013	10	Unbiased	0.5048	0.5058	0.001
1014	10	Unbiased	0.5069	0.5071	0.0002
1015	10	Biased	0.4981	0.4934	-0.0047
1016	10	Biased	0.4955	0.4927	-0.0028
1017	10	Biased	0.5278	0.5223	-0.0055
1018	10	Biased	0.5056	0.5006	-0.005
1019	10	Biased	0.5172	0.5126	-0.0046
1020	30	Unbiased	0.5129	0.5103	-0.0026
1021	30	Unbiased	0.4976	0.4955	-0.0021
1022	30	Unbiased	0.5047	0.5045	-0.0002
1023	30	Unbiased	0.5142	0.5119	-0.0023
1024	30	Unbiased	0.4978	0.4985	0.0007
1025	30	Biased	0.5053	0.4945	-0.0108
1026	30	Biased	0.5179	0.506	-0.0119
1027	30	Biased	0.5034	0.4925	-0.0109
1028	30	Biased	0.511	0.4997	-0.0113
1029	30	Biased	0.5032	0.4942	-0.009
1030	50	Unbiased	0.505	0.5044	-0.0006
1031	50	Unbiased	0.515	0.5132	-0.0018
1032	50	Unbiased	0.5033	0.5056	0.0023
1033	50	Unbiased	0.4966	0.4957	-0.0009
1034	50	Unbiased	0.5044	0.5033	-0.0011
1035	50	Biased-84Hr-Anneal	0.5208	0.5084	-0.0124
1036	50	Biased-84Hr-Anneal	0.4926	0.481	-0.0116
1037	50	Biased-84Hr-Anneal	0.5061	0.4934	-0.0127
1038	50	Biased-84Hr-Anneal	0.5004	0.501	0.0006
1039	50	Biased-84Hr-Anneal	0.5154	0.4842	-0.0312
1040	100	Unbiased-168Hr-Anneal	0.4994	0.5001	0.0007
1041	100	Unbiased-168Hr-Anneal	0.5147	0.514	-0.0007
1042	100	Unbiased-168Hr-Anneal	0.5185	0.521	0.0025
1043	100	Unbiased-168Hr-Anneal	0.5206	0.5215	0.0009
1044	100	Unbiased-168Hr-Anneal	0.5067	0.5095	0.0028
1045	100	Biased-168Hr-Anneal	0.4952	0.4691	-0.0261
1046	100	Biased-168Hr-Anneal	0.508	0.4838	-0.0242
1047	100	Biased-168Hr-Anneal	0.5059	0.4813	-0.0246
1048	100	Biased-168Hr-Anneal	0.514	0.485	-0.029
1049	100	Biased-168Hr-Anneal	0.5165	0.4891	-0.0274

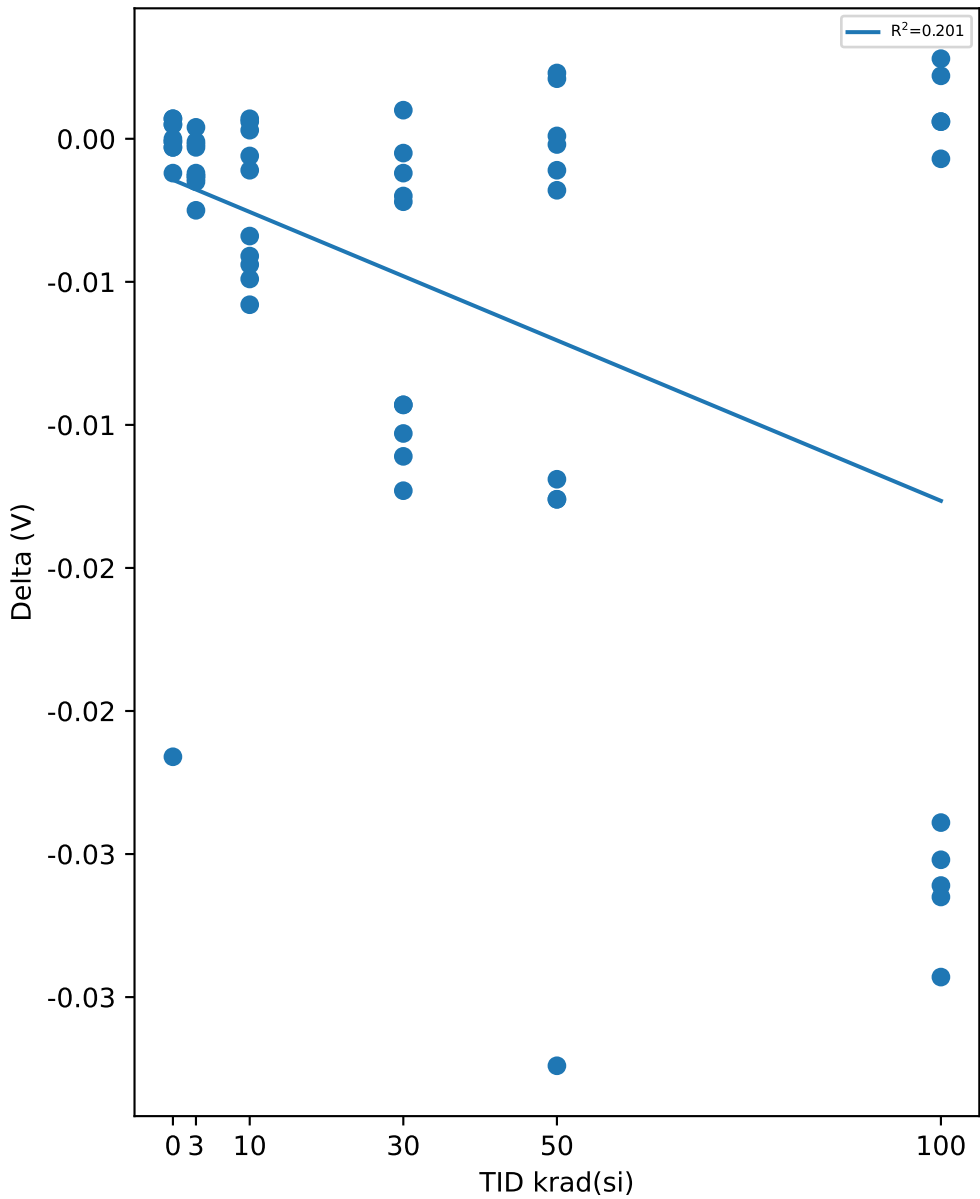
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5	0.506	0.5119	0.0046513	0.4848	0.5019	0.5117	0.010599	-0.0206	-0.0041	0.0002	0.009225
3	0.4869	0.50167	0.52	0.0088681	0.4858	0.50078	0.5202	0.0092616	-0.0028	-0.00089	0.001	0.0010949
10	0.4955	0.51023	0.5285	0.01116	0.4927	0.50796	0.5275	0.011152	-0.0055	-0.00227	0.001	0.0025626
30	0.4976	0.5068	0.5179	0.0069093	0.4925	0.50076	0.5119	0.0069992	-0.0119	-0.00604	0.0007	0.0051416
50	0.4926	0.50596	0.5208	0.0088099	0.481	0.49902	0.5132	0.010384	-0.0312	-0.00694	0.0023	0.010289
100	0.4952	0.50995	0.5206	0.0083535	0.4691	0.49744	0.5215	0.018363	-0.029	-0.01251	0.0028	0.014586

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.455, Upper Limit = 0.554 (V))

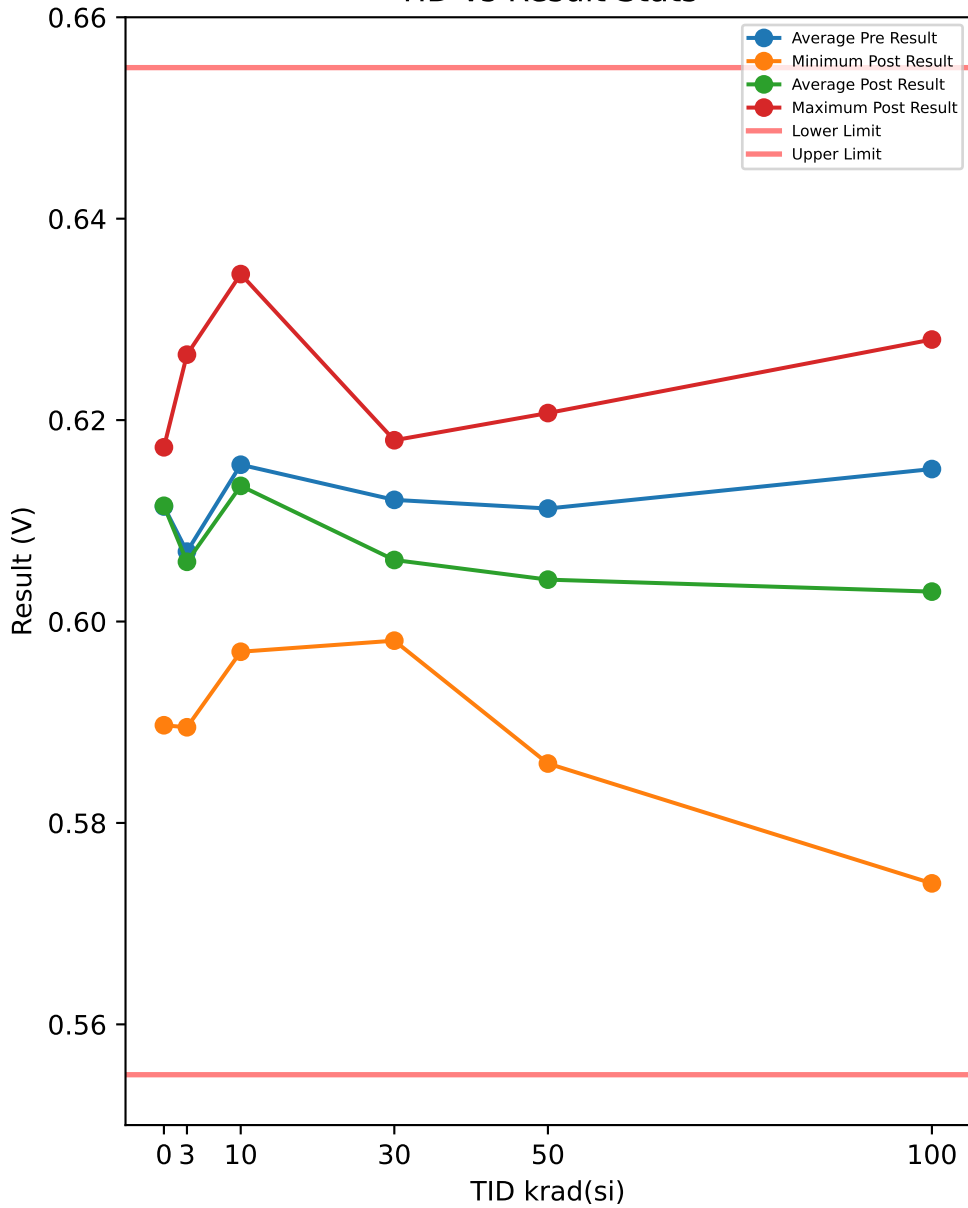
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5064	0.4848	-0.0216
516	0	CORRELATION	0.501	0.4998	-0.0012
721	0	CORRELATION	0.5036	0.5036	0
723	0	CORRELATION	0.5097	0.5096	-0.0001
729	0	CORRELATION	0.5122	0.5127	0.0005
1000	3	Unbiased	0.5023	0.5027	0.0004
1001	3	Unbiased	0.5215	0.5212	-0.0003
1002	3	Unbiased	0.5107	0.5094	-0.0013
1003	3	Unbiased	0.4847	0.4845	-0.0002
1004	3	Unbiased	0.496	0.4959	-0.0001
1005	3	Biased	0.5034	0.5021	-0.0013
1006	3	Biased	0.5045	0.5033	-0.0012
1007	3	Biased	0.4997	0.4972	-0.0025
1008	3	Biased	0.4947	0.4933	-0.0014
1009	3	Biased	0.4982	0.4967	-0.0015
1010	10	Unbiased	0.51	0.5103	0.0003
1011	10	Unbiased	0.53	0.5294	-0.0006
1012	10	Unbiased	0.5094	0.5083	-0.0011
1013	10	Unbiased	0.5054	0.5061	0.0007
1014	10	Unbiased	0.5075	0.5081	0.0006
1015	10	Biased	0.4984	0.494	-0.0044
1016	10	Biased	0.4958	0.4924	-0.0034
1017	10	Biased	0.5284	0.5226	-0.0058
1018	10	Biased	0.506	0.5019	-0.0041
1019	10	Biased	0.5179	0.513	-0.0049
1020	30	Unbiased	0.5132	0.511	-0.0022
1021	30	Unbiased	0.4964	0.4952	-0.0012
1022	30	Unbiased	0.5044	0.5039	-0.0005
1023	30	Unbiased	0.5148	0.5128	-0.002
1024	30	Unbiased	0.4975	0.4985	0.001
1025	30	Biased	0.5056	0.4945	-0.0111
1026	30	Biased	0.5186	0.5063	-0.0123
1027	30	Biased	0.5034	0.4931	-0.0103
1028	30	Biased	0.5106	0.5013	-0.0093
1029	30	Biased	0.5035	0.4942	-0.0093
1030	50	Unbiased	0.505	0.5051	0.0001
1031	50	Unbiased	0.5169	0.5151	-0.0018
1032	50	Unbiased	0.5033	0.5056	0.0023
1033	50	Unbiased	0.4959	0.4957	-0.0002
1034	50	Unbiased	0.5047	0.5036	-0.0011
1035	50	Biased-84Hr-Anneal	0.522	0.5094	-0.0126
1036	50	Biased-84Hr-Anneal	0.4929	0.481	-0.0119
1037	50	Biased-84Hr-Anneal	0.5064	0.4938	-0.0126
1038	50	Biased-84Hr-Anneal	0.4995	0.5016	0.0021
1039	50	Biased-84Hr-Anneal	0.516	0.4836	-0.0324
1040	100	Unbiased-168Hr-Anneal	0.4985	0.4991	0.0006
1041	100	Unbiased-168Hr-Anneal	0.5144	0.5137	-0.0007
1042	100	Unbiased-168Hr-Anneal	0.5185	0.5207	0.0022
1043	100	Unbiased-168Hr-Anneal	0.5219	0.5225	0.0006
1044	100	Unbiased-168Hr-Anneal	0.5073	0.5101	0.0028
1045	100	Biased-168Hr-Anneal	0.4949	0.4688	-0.0261
1046	100	Biased-168Hr-Anneal	0.509	0.4838	-0.0252
1047	100	Biased-168Hr-Anneal	0.5052	0.4813	-0.0239
1048	100	Biased-168Hr-Anneal	0.5152	0.4859	-0.0293
1049	100	Biased-168Hr-Anneal	0.5168	0.4903	-0.0265

Test Statistics (V)

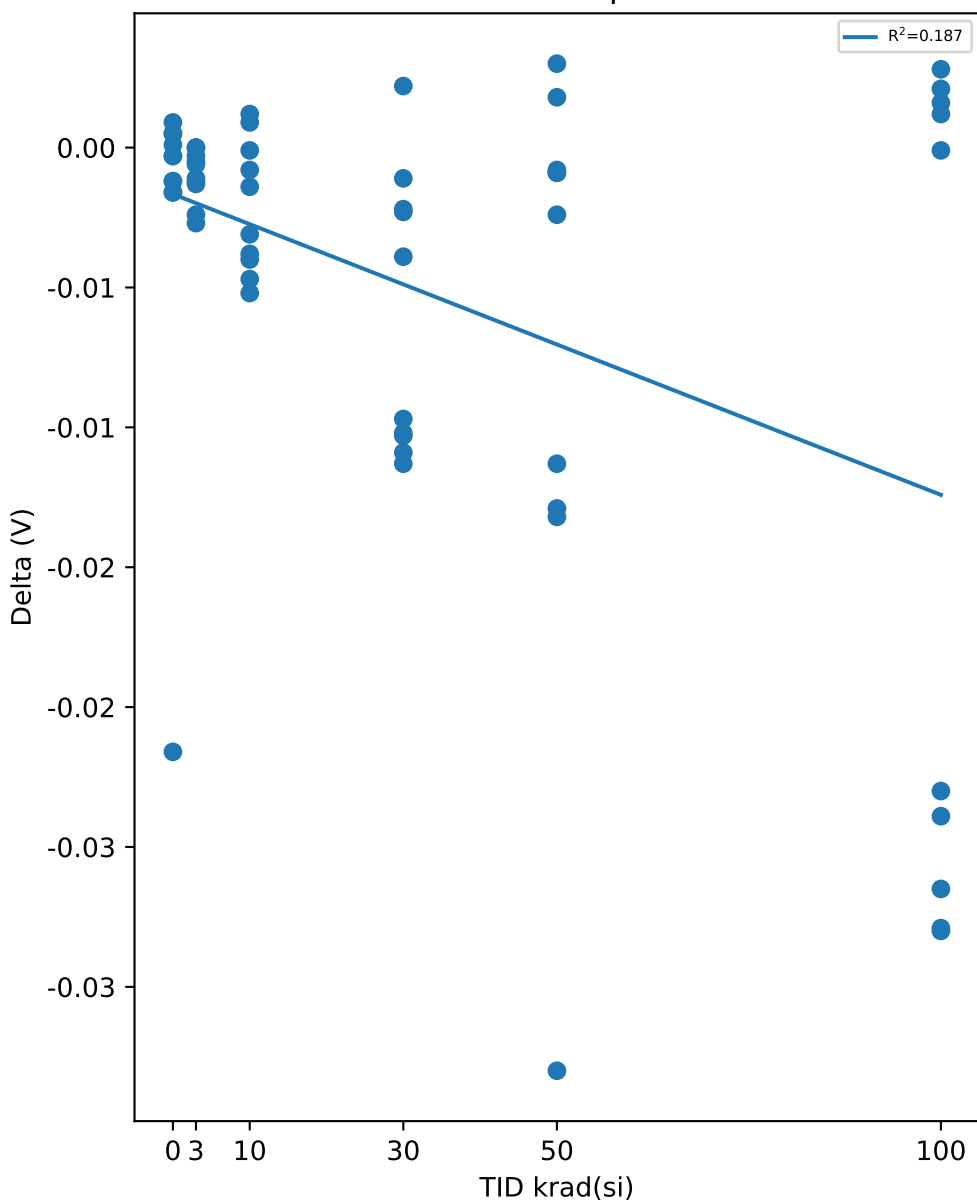
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.501	0.50658	0.5122	0.0045102	0.4848	0.5021	0.5127	0.010902	-0.0216	-0.00448	0.0005	0.0095905
3	0.4847	0.50157	0.5215	0.0098359	0.4845	0.50063	0.5212	0.009872	-0.0025	-0.00094	0.0004	0.00086564
10	0.4958	0.51088	0.53	0.011417	0.4924	0.50861	0.5294	0.011441	-0.0058	-0.00227	0.0007	0.0025025
30	0.4964	0.5068	0.5186	0.0073253	0.4931	0.50108	0.5128	0.0072	-0.0123	-0.00572	0.001	0.0051415
50	0.4929	0.50626	0.522	0.0094289	0.481	0.49945	0.5151	0.01092	-0.0324	-0.00681	0.0023	0.010849
100	0.4949	0.51017	0.5219	0.0088053	0.4688	0.49762	0.5225	0.0184	-0.0293	-0.01255	0.0028	0.01448

Device Test: 15.9 THRESHOLD|RISE/EN/12////@EN_VTH_RISING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 0.555, Upper Limit = 0.655 (V))

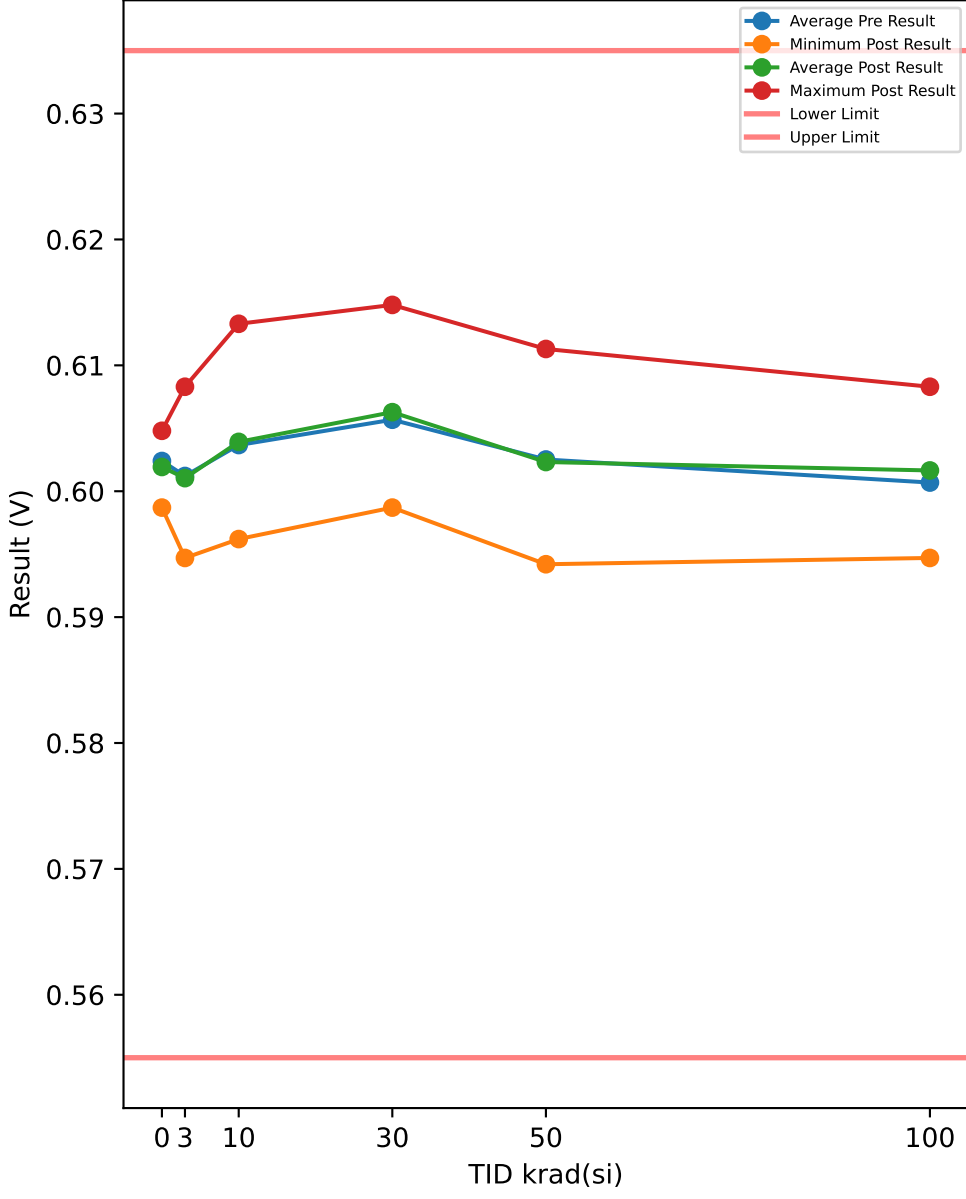
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6113	0.5897	-0.0216
516	0	CORRELATION	0.6056	0.6057	0.0001
721	0	CORRELATION	0.6085	0.6094	0.0009
723	0	CORRELATION	0.6149	0.6133	-0.0016
729	0	CORRELATION	0.6168	0.6173	0.0005
1000	3	Unbiased	0.6075	0.6075	0
1001	3	Unbiased	0.6265	0.6265	0
1002	3	Unbiased	0.6147	0.6142	-0.0005
1003	3	Unbiased	0.5906	0.5895	-0.0011
1004	3	Unbiased	0.6015	0.6012	-0.0003
1005	3	Biased	0.6087	0.6074	-0.0013
1006	3	Biased	0.6097	0.6091	-0.0006
1007	3	Biased	0.6059	0.6035	-0.0024
1008	3	Biased	0.6006	0.5979	-0.0027
1009	3	Biased	0.6037	0.6025	-0.0012
1010	10	Unbiased	0.6153	0.6152	-0.0001
1011	10	Unbiased	0.6353	0.6345	-0.0008
1012	10	Unbiased	0.614	0.6126	-0.0014
1013	10	Unbiased	0.611	0.6122	0.0012
1014	10	Unbiased	0.6118	0.6127	0.0009
1015	10	Biased	0.6018	0.598	-0.0038
1016	10	Biased	0.601	0.597	-0.004
1017	10	Biased	0.6312	0.6281	-0.0031
1018	10	Biased	0.6115	0.6063	-0.0052
1019	10	Biased	0.6228	0.6181	-0.0047
1020	30	Unbiased	0.6181	0.6142	-0.0039
1021	30	Unbiased	0.6025	0.6003	-0.0022
1022	30	Unbiased	0.6106	0.6095	-0.0011
1023	30	Unbiased	0.6203	0.618	-0.0023
1024	30	Unbiased	0.6018	0.604	0.0022
1025	30	Biased	0.6103	0.6	-0.0103
1026	30	Biased	0.6219	0.6117	-0.0102
1027	30	Biased	0.609	0.5981	-0.0109
1028	30	Biased	0.6169	0.6056	-0.0113
1029	30	Biased	0.6094	0.5997	-0.0097
1030	50	Unbiased	0.6103	0.6094	-0.0009
1031	50	Unbiased	0.6215	0.6207	-0.0008
1032	50	Unbiased	0.6085	0.6115	0.003
1033	50	Unbiased	0.6018	0.5994	-0.0024
1034	50	Unbiased	0.6094	0.6085	-0.0009
1035	50	Biased-84Hr-Anneal	0.6272	0.614	-0.0132
1036	50	Biased-84Hr-Anneal	0.5972	0.5859	-0.0113
1037	50	Biased-84Hr-Anneal	0.611	0.5981	-0.0129
1038	50	Biased-84Hr-Anneal	0.6044	0.6062	0.0018
1039	50	Biased-84Hr-Anneal	0.6209	0.5879	-0.033
1040	100	Unbiased-168Hr-Anneal	0.6031	0.6047	0.0016
1041	100	Unbiased-168Hr-Anneal	0.6203	0.6202	-0.0001
1042	100	Unbiased-168Hr-Anneal	0.6247	0.6268	0.0021
1043	100	Unbiased-168Hr-Anneal	0.6268	0.628	0.0012
1044	100	Unbiased-168Hr-Anneal	0.6116	0.6144	0.0028
1045	100	Biased-168Hr-Anneal	0.6005	0.574	-0.0265
1046	100	Biased-168Hr-Anneal	0.6135	0.5896	-0.0239
1047	100	Biased-168Hr-Anneal	0.6092	0.5862	-0.023
1048	100	Biased-168Hr-Anneal	0.6191	0.5912	-0.0279
1049	100	Biased-168Hr-Anneal	0.6226	0.5946	-0.028

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6056	0.61142	0.6168	0.004568	0.5897	0.60708	0.6173	0.010636	-0.0216	-0.00434	0.0009	0.0096955
3	0.5906	0.60694	0.6265	0.0094411	0.5895	0.60593	0.6265	0.009892	-0.0027	-0.00101	0	0.00093625
10	0.601	0.61557	0.6353	0.011264	0.597	0.61347	0.6345	0.011765	-0.0052	-0.0021	0.0012	0.0023556
30	0.6018	0.61208	0.6219	0.0070155	0.5981	0.60611	0.618	0.006917	-0.0113	-0.00597	0.0022	0.0050078
50	0.5972	0.61122	0.6272	0.0094172	0.5859	0.60416	0.6207	0.011215	-0.033	-0.00706	0.003	0.01095
100	0.6005	0.61514	0.6268	0.0090376	0.574	0.60297	0.628	0.018657	-0.028	-0.01217	0.0028	0.01453

Device Test: 16.1 THRESHOLD|RISE/FAULT/4.5////@FAULT_VTH_RISING

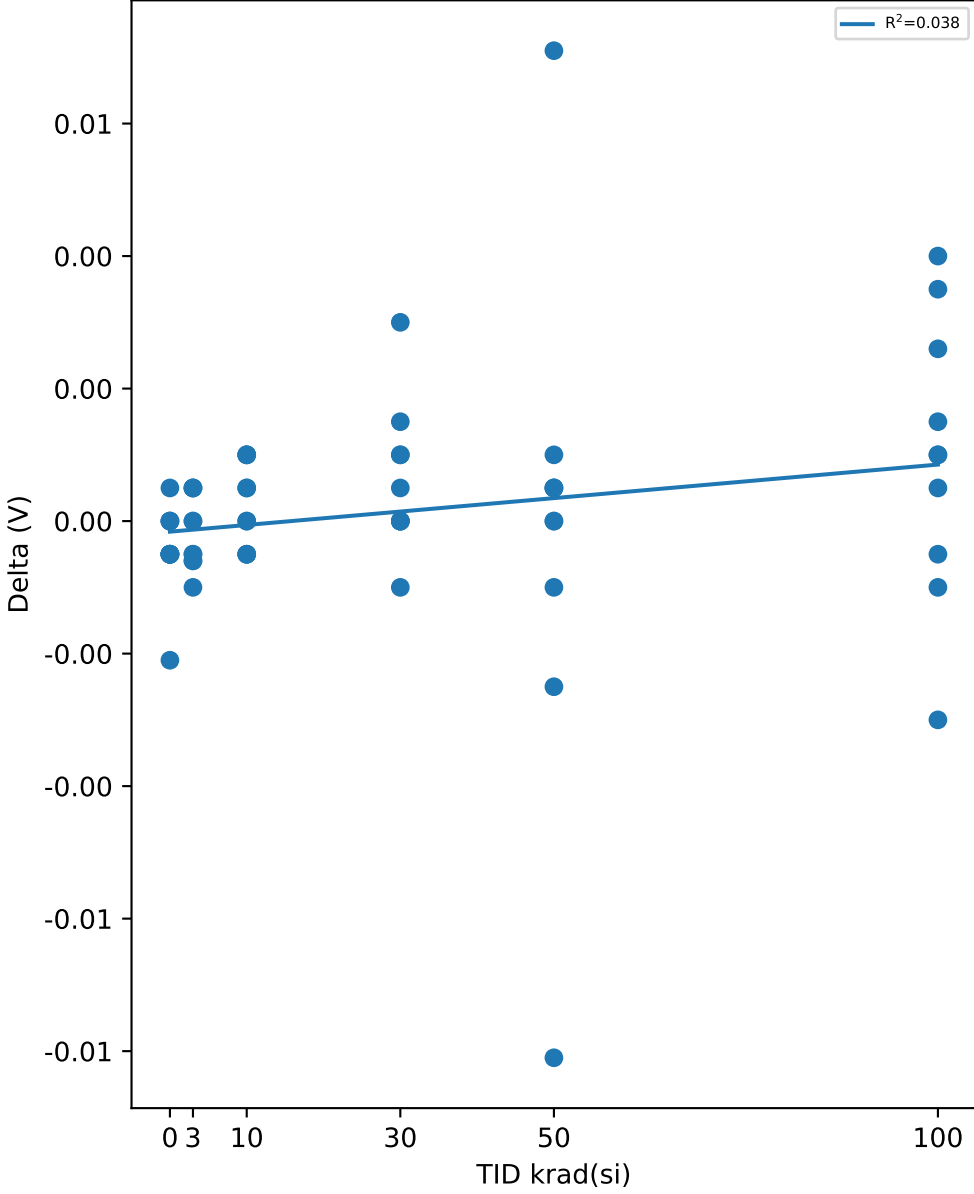
TID vs Result Stats



Test Results (Lower Limit = 0.555, Upper Limit = 0.635 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6043	0.6048	0.0005
516	0	CORRELATION	0.6008	0.5987	-0.0021
721	0	CORRELATION	0.6023	0.6023	0
723	0	CORRELATION	0.6028	0.6023	-0.0005
729	0	CORRELATION	0.6018	0.6013	-0.0005
1000	3	Unbiased	0.5998	0.5992	-0.0006
1001	3	Unbiased	0.5987	0.5982	-0.0005
1002	3	Unbiased	0.5998	0.5992	-0.0006
1003	3	Unbiased	0.5957	0.5947	-0.001
1004	3	Unbiased	0.5977	0.5982	0.0005
1005	3	Biased	0.5982	0.5977	-0.0005
1006	3	Biased	0.6018	0.6023	0.0005
1007	3	Biased	0.6083	0.6083	0
1008	3	Biased	0.6063	0.6068	0.0005
1009	3	Biased	0.6058	0.6058	0
1010	10	Unbiased	0.6018	0.6028	0.001
1011	10	Unbiased	0.6133	0.6133	0
1012	10	Unbiased	0.5982	0.5992	0.001
1013	10	Unbiased	0.6093	0.6103	0.001
1014	10	Unbiased	0.6068	0.6068	0
1015	10	Biased	0.5987	0.5992	0.0005
1016	10	Biased	0.5967	0.5962	-0.0005
1017	10	Biased	0.6048	0.6043	-0.0005
1018	10	Biased	0.6028	0.6033	0.0005
1019	10	Biased	0.6043	0.6038	-0.0005
1020	30	Unbiased	0.6033	0.6038	0.0005
1021	30	Unbiased	0.5992	0.5992	0
1022	30	Unbiased	0.5972	0.5987	0.0015
1023	30	Unbiased	0.6103	0.6103	0
1024	30	Unbiased	0.6098	0.6108	0.001
1025	30	Biased	0.6123	0.6113	-0.001
1026	30	Biased	0.6043	0.6053	0.001
1027	30	Biased	0.6043	0.6073	0.003
1028	30	Biased	0.6148	0.6148	0
1029	30	Biased	0.6013	0.6013	0
1030	50	Unbiased	0.6038	0.6043	0.0005
1031	50	Unbiased	0.6108	0.6113	0.0005
1032	50	Unbiased	0.6038	0.6013	-0.0025
1033	50	Unbiased	0.5977	0.5987	0.001
1034	50	Unbiased	0.6038	0.6028	-0.001
1035	50	Biased-84Hr-Anneal	0.6103	0.6103	0
1036	50	Biased-84Hr-Anneal	0.6008	0.6008	0
1037	50	Biased-84Hr-Anneal	0.5962	0.5967	0.0005
1038	50	Biased-84Hr-Anneal	0.6023	0.5942	-0.0081
1039	50	Biased-84Hr-Anneal	0.5957	0.6028	0.0071
1040	100	Unbiased-168Hr-Anneal	0.6002	0.5992	-0.001
1041	100	Unbiased-168Hr-Anneal	0.5982	0.5987	0.0005
1042	100	Unbiased-168Hr-Anneal	0.6043	0.6058	0.0015
1043	100	Unbiased-168Hr-Anneal	0.6113	0.6083	-0.003
1044	100	Unbiased-168Hr-Anneal	0.5987	0.5982	-0.0005
1045	100	Biased-168Hr-Anneal	0.5972	0.5982	0.001
1046	100	Biased-168Hr-Anneal	0.5987	0.6013	0.0026
1047	100	Biased-168Hr-Anneal	0.5907	0.5947	0.004
1048	100	Biased-168Hr-Anneal	0.6043	0.6078	0.0035
1049	100	Biased-168Hr-Anneal	0.6033	0.6043	0.001

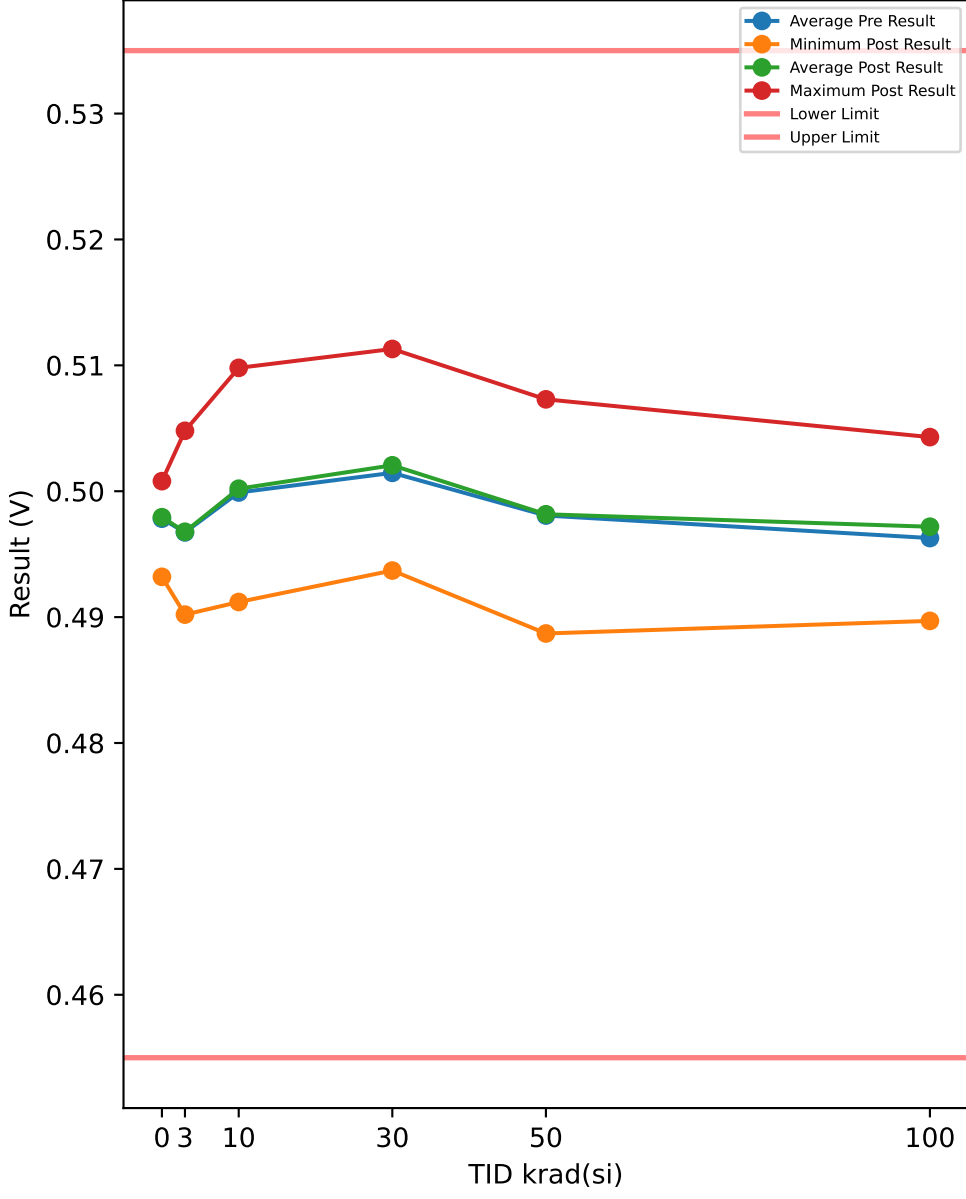
TID vs Post - Pre Exposure Delta



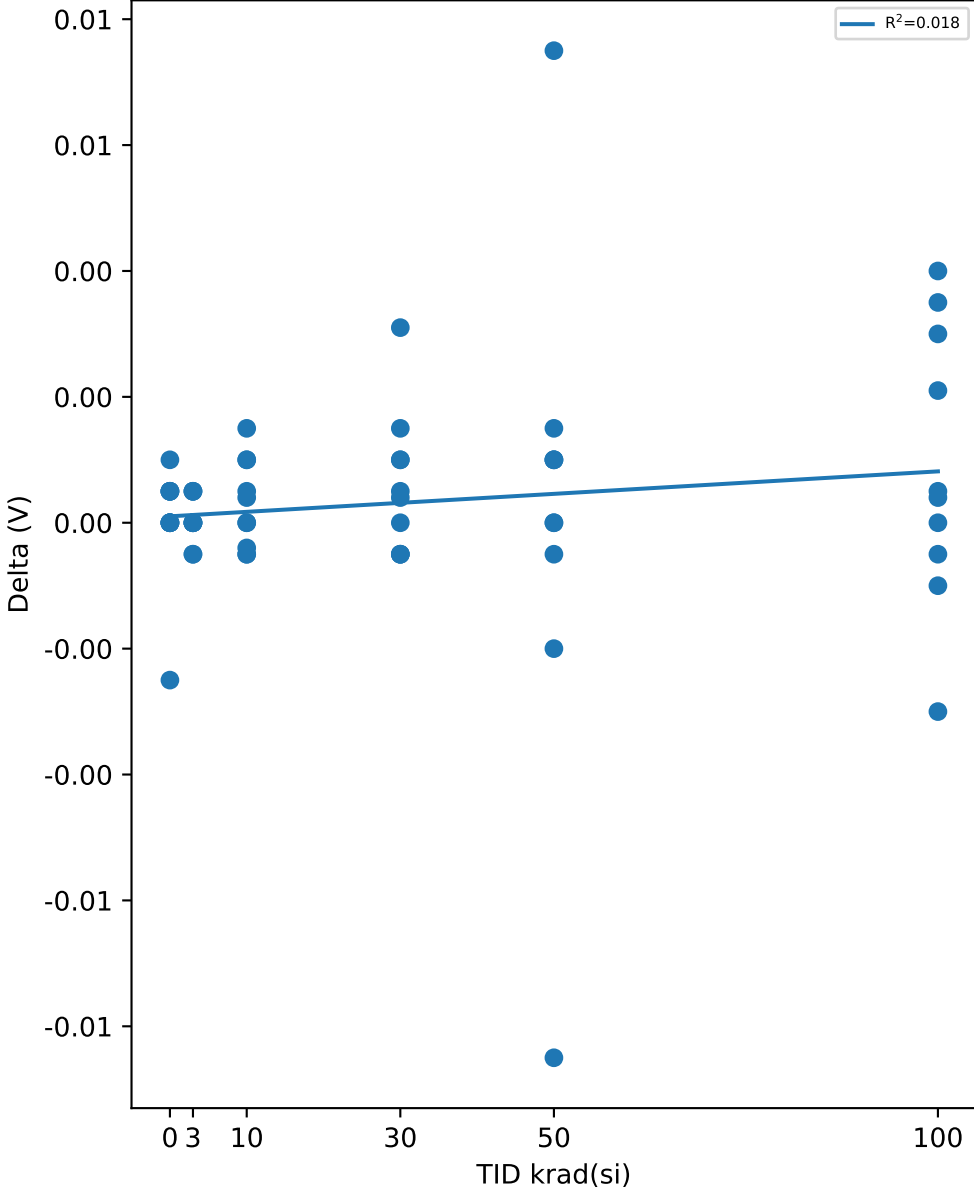
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6008	0.6024	0.6043	0.0012942	0.5987	0.60188	0.6048	0.0021982	-0.0021	-0.00052	0.0005	0.0009757
3	0.5957	0.60121	0.6083	0.0042112	0.5947	0.60104	0.6083	0.0045263	-0.001	-0.00017	0.0005	0.00054579
10	0.5967	0.60367	0.6133	0.0052	0.5962	0.60392	0.6133	0.0051955	-0.0005	0.00025	0.001	0.00063465
30	0.5972	0.60568	0.6148	0.0058488	0.5987	0.60628	0.6148	0.0055269	-0.001	0.0006	0.003	0.0011005
50	0.5957	0.60252	0.6108	0.0052355	0.5942	0.60232	0.6113	0.0054024	-0.0081	-0.0002	0.0071	0.0037211
100	0.5907	0.60069	0.6113	0.0054953	0.5947	0.60165	0.6083	0.0046335	-0.003	0.00096	0.004	0.0021225

TID vs Result Stats



TID vs Post - Pre Exposure Delta



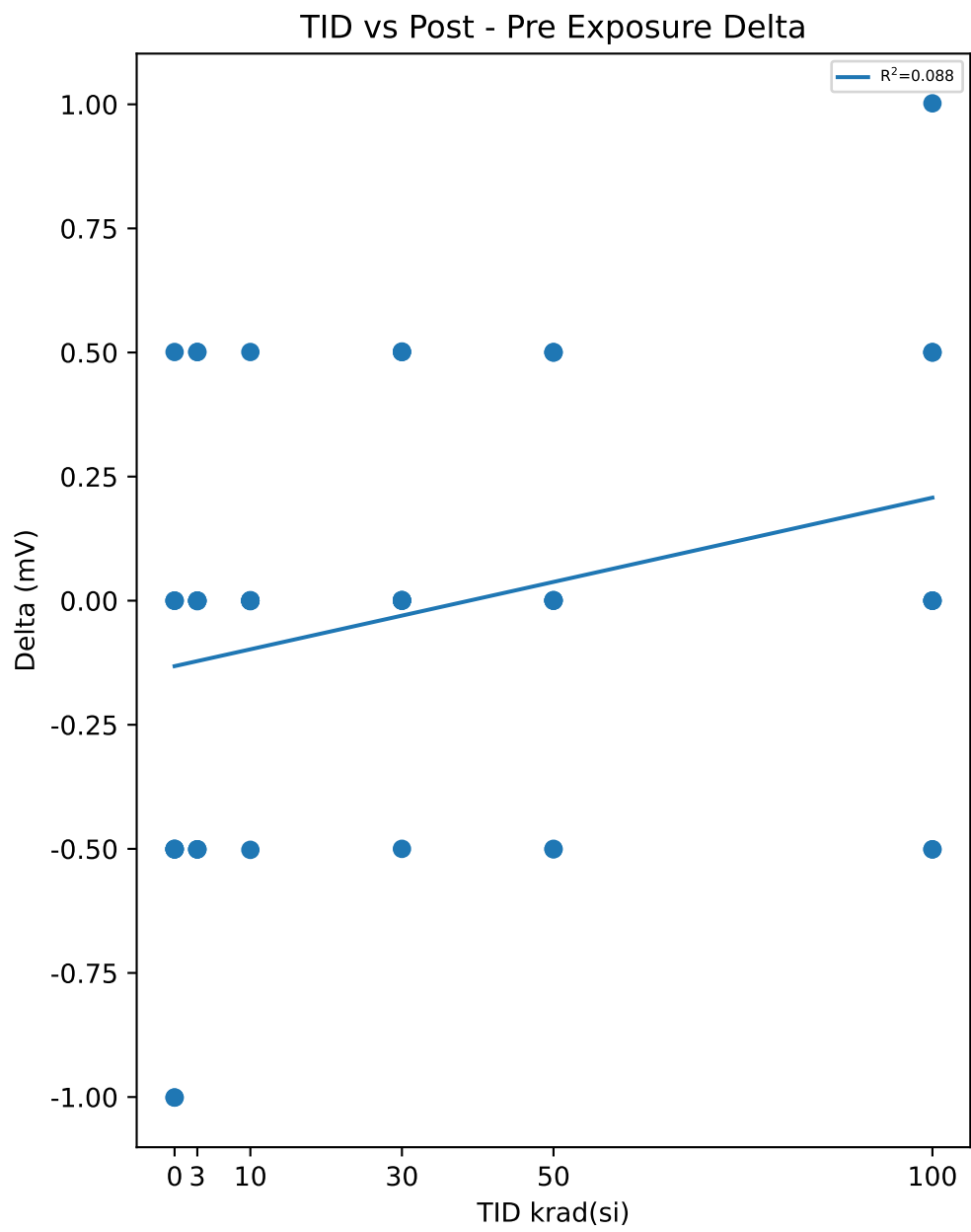
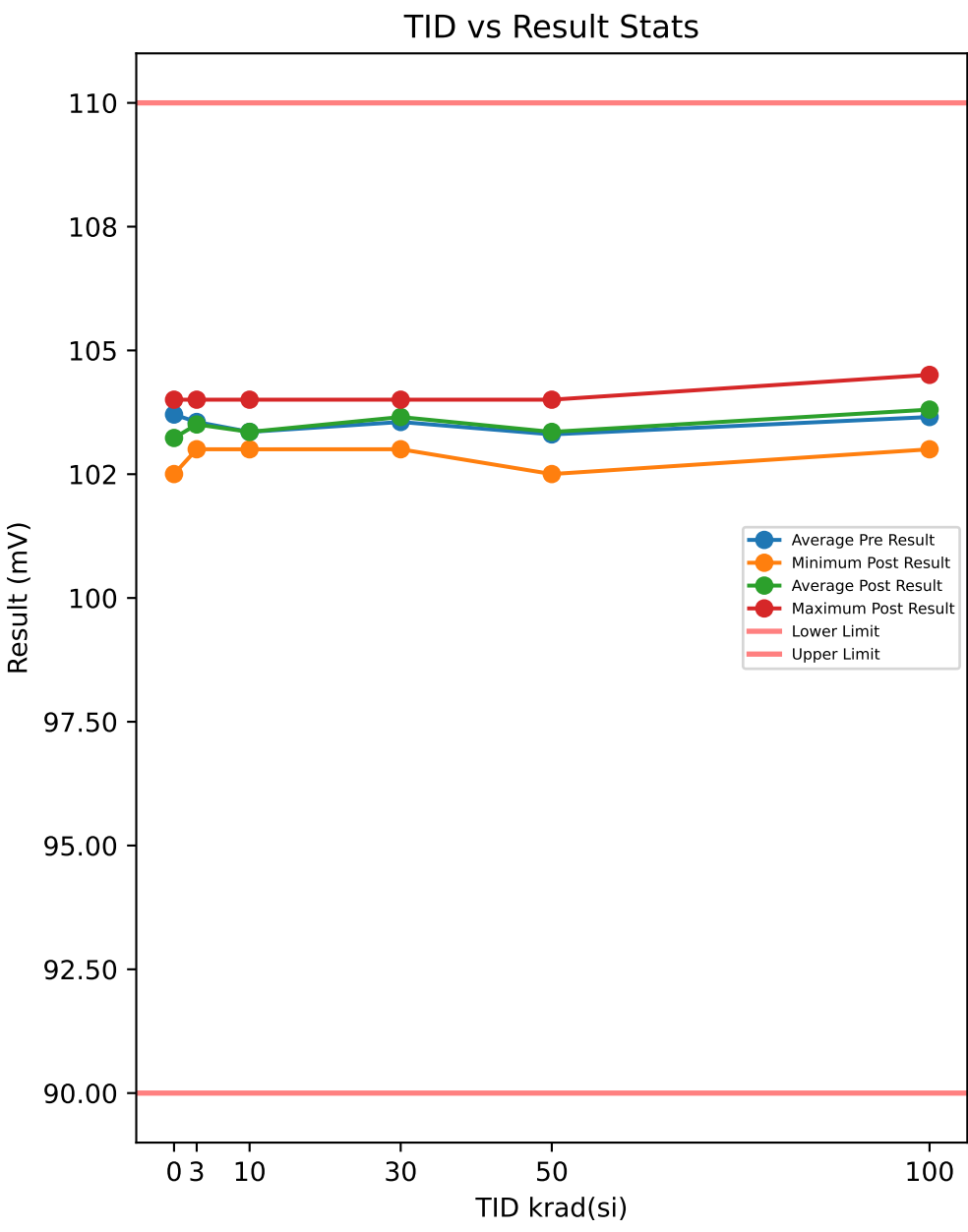
Test Results (Lower Limit = 0.455, Upper Limit = 0.535 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4998	0.5008	0.001
516	0	CORRELATION	0.4957	0.4932	-0.0025
721	0	CORRELATION	0.4977	0.4977	0
723	0	CORRELATION	0.4982	0.4987	0.0005
729	0	CORRELATION	0.4977	0.4977	0
1000	3	Unbiased	0.4952	0.4952	0
1001	3	Unbiased	0.4947	0.4942	-0.0005
1002	3	Unbiased	0.4947	0.4952	0.0005
1003	3	Unbiased	0.4907	0.4902	-0.0005
1004	3	Unbiased	0.4927	0.4932	0.0005
1005	3	Biased	0.4927	0.4927	0
1006	3	Biased	0.4977	0.4982	0.0005
1007	3	Biased	0.5048	0.5048	0
1008	3	Biased	0.5018	0.5018	0
1009	3	Biased	0.5023	0.5023	0
1010	10	Unbiased	0.4982	0.4992	0.001
1011	10	Unbiased	0.5098	0.5098	0
1012	10	Unbiased	0.4947	0.4957	0.001
1013	10	Unbiased	0.5048	0.5063	0.0015
1014	10	Unbiased	0.5028	0.5028	0
1015	10	Biased	0.4957	0.4962	0.0005
1016	10	Biased	0.4917	0.4912	-0.0005
1017	10	Biased	0.5013	0.5008	-0.0005
1018	10	Biased	0.4998	0.5002	0.0004
1019	10	Biased	0.5002	0.4998	-0.0004
1020	30	Unbiased	0.4998	0.5002	0.0004
1021	30	Unbiased	0.4937	0.4942	0.0005
1022	30	Unbiased	0.4922	0.4937	0.0015
1023	30	Unbiased	0.5063	0.5058	-0.0005
1024	30	Unbiased	0.5053	0.5063	0.001
1025	30	Biased	0.5088	0.5083	-0.0005
1026	30	Biased	0.5008	0.5018	0.001
1027	30	Biased	0.4992	0.5023	0.0031
1028	30	Biased	0.5118	0.5113	-0.0005
1029	30	Biased	0.4967	0.4967	0
1030	50	Unbiased	0.4992	0.5002	0.001
1031	50	Unbiased	0.5063	0.5073	0.001
1032	50	Unbiased	0.4992	0.4972	-0.002
1033	50	Unbiased	0.4942	0.4957	0.0015
1034	50	Unbiased	0.4992	0.4992	0
1035	50	Biased-84Hr-Anneal	0.5068	0.5063	-0.0005
1036	50	Biased-84Hr-Anneal	0.4967	0.4967	0
1037	50	Biased-84Hr-Anneal	0.4917	0.4927	0.001
1038	50	Biased-84Hr-Anneal	0.4972	0.4887	-0.0085
1039	50	Biased-84Hr-Anneal	0.4902	0.4977	0.0075
1040	100	Unbiased-168Hr-Anneal	0.4967	0.4957	-0.001
1041	100	Unbiased-168Hr-Anneal	0.4937	0.4932	-0.0005
1042	100	Unbiased-168Hr-Anneal	0.4992	0.5013	0.0021
1043	100	Unbiased-168Hr-Anneal	0.5073	0.5043	-0.003
1044	100	Unbiased-168Hr-Anneal	0.4947	0.4947	0
1045	100	Biased-168Hr-Anneal	0.4922	0.4927	0.0005
1046	100	Biased-168Hr-Anneal	0.4937	0.4972	0.0035
1047	100	Biased-168Hr-Anneal	0.4857	0.4897	0.004
1048	100	Biased-168Hr-Anneal	0.4998	0.5028	0.003
1049	100	Biased-168Hr-Anneal	0.4998	0.5002	0.0004

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4957	0.49782	0.4998	0.0014653	0.4932	0.49762	0.5008	0.0027761	-0.0025	-0.0002	0.001	0.0013509
3	0.4907	0.49673	0.5048	0.0047401	0.4902	0.49678	0.5048	0.0047891	-0.0005	5e-05	0.0005	0.00036893
10	0.4917	0.4999	0.5098	0.0052419	0.4912	0.5002	0.5098	0.0053219	-0.0005	0.0003	0.0015	0.00070079
30	0.4922	0.50146	0.5118	0.0064626	0.4937	0.50206	0.5113	0.0059653	-0.0005	0.0006	0.0031	0.0011264
50	0.4902	0.49807	0.5068	0.0054559	0.4887	0.49817	0.5073	0.0056141	-0.0085	0.0001	0.0075	0.0039144
100	0.4857	0.49628	0.5073	0.0057669	0.4897	0.49718	0.5043	0.0048141	-0.003	0.0009	0.004	0.0022166

Device Test: 16.11 THRESHOLD|HYST/FAULT/12/////@FAULT_VTH_HYST



Test Results (Lower Limit = 90.0, Upper Limit = 110.0 (mV))

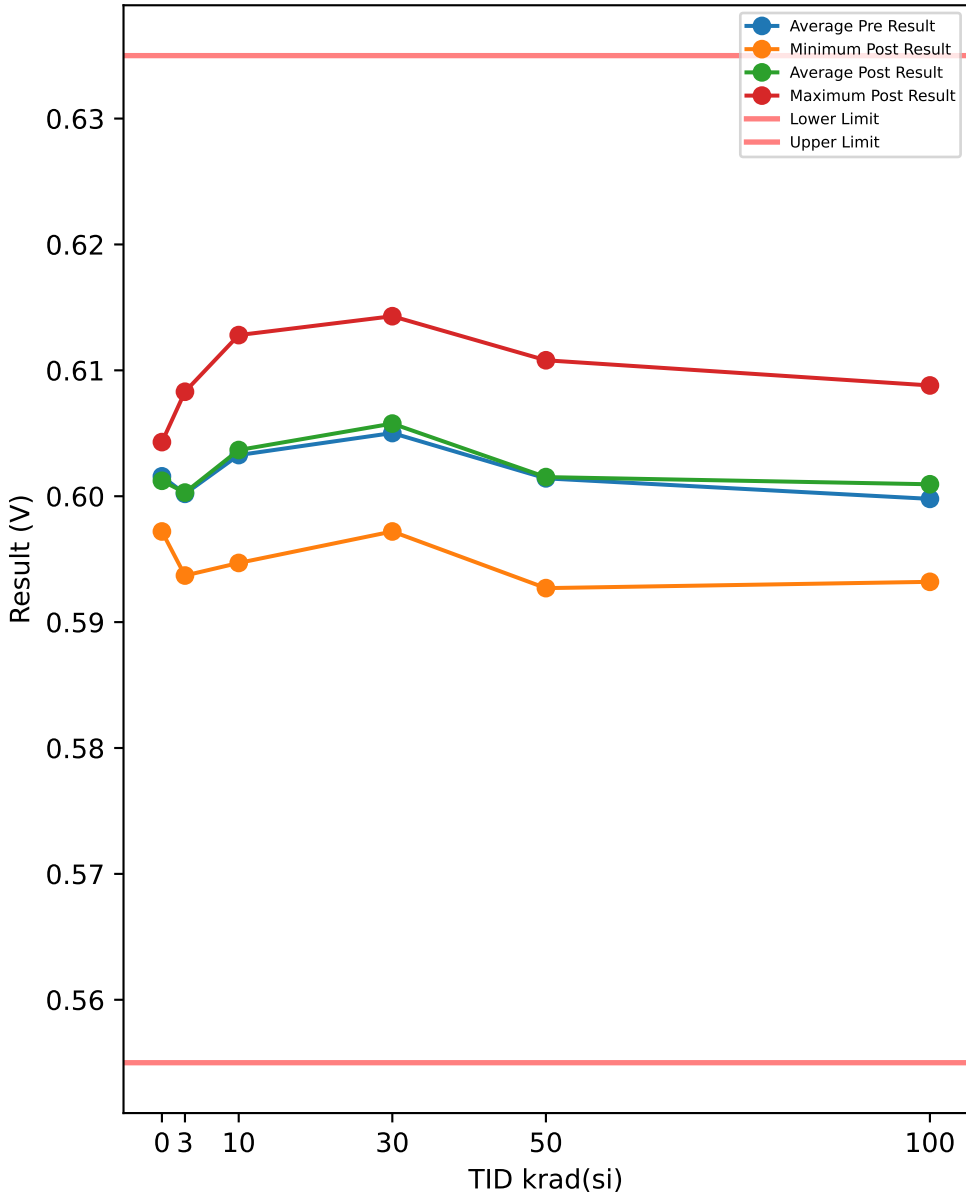
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	104	103.5	-0.501
516	0	CORRELATION	103.5	104	0.501
721	0	CORRELATION	104	104	0
723	0	CORRELATION	104	103.5	-0.5
729	0	CORRELATION	103	103	0
1000	3	Unbiased	103.5	103.5	0
1001	3	Unbiased	104	104	0
1002	3	Unbiased	104	103.5	-0.501
1003	3	Unbiased	103.5	103	-0.501
1004	3	Unbiased	103.5	104	0.501
1005	3	Biased	104	103.5	-0.501
1006	3	Biased	103.5	103.5	-0.001
1007	3	Biased	103.5	103.5	0
1008	3	Biased	103.5	103.5	0
1009	3	Biased	102.5	103	0.501
1010	10	Unbiased	103	103	0
1011	10	Unbiased	103	103	0
1012	10	Unbiased	103.5	103	-0.502
1013	10	Unbiased	104	104	0
1014	10	Unbiased	103	103	0
1015	10	Biased	103	103	0.001
1016	10	Biased	103.5	103.5	0
1017	10	Biased	103.5	103.5	0
1018	10	Biased	103.5	104	0.501
1019	10	Biased	103.5	103.5	-0.001
1020	30	Unbiased	103	103.5	0.502
1021	30	Unbiased	104	104	0
1022	30	Unbiased	104	103.5	-0.5
1023	30	Unbiased	103.5	104	0.501
1024	30	Unbiased	104	104	0
1025	30	Biased	103.5	103.5	0.001
1026	30	Biased	103.5	103.5	0.001
1027	30	Biased	103.5	104	0.501
1028	30	Biased	103	103	0.001
1029	30	Biased	103.5	103.5	0
1030	50	Unbiased	103.5	103.5	0.001
1031	50	Unbiased	103.5	103.5	0
1032	50	Unbiased	103.5	103.5	0
1033	50	Unbiased	103	102.5	-0.501
1034	50	Unbiased	103	103	0
1035	50	Biased-84Hr-Anneal	103	103.5	0.5
1036	50	Biased-84Hr-Anneal	103	103.5	0.5
1037	50	Biased-84Hr-Anneal	103	103	0.001
1038	50	Biased-84Hr-Anneal	103.5	104	0.501
1039	50	Biased-84Hr-Anneal	104	103.5	-0.5
1040	100	Unbiased-168Hr-Anneal	102.5	103	0.5
1041	100	Unbiased-168Hr-Anneal	104	104.5	0.5
1042	100	Unbiased-168Hr-Anneal	104	104	0
1043	100	Unbiased-168Hr-Anneal	104.51	104.51	0
1044	100	Unbiased-168Hr-Anneal	103.5	103	-0.501
1045	100	Biased-168Hr-Anneal	104	104	0
1046	100	Biased-168Hr-Anneal	104	103.5	-0.501
1047	100	Biased-168Hr-Anneal	103	103.5	0.501
1048	100	Biased-168Hr-Anneal	104	104	0
1049	100	Biased-168Hr-Anneal	103	104	1.002

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103	103.7	104	0.44772	103	103.6	104	0.41875	-0.501	-0.1	0.501	0.41893
3	102.5	103.55	104	0.43837	103	103.5	104	0.33367	-0.501	-0.0502	0.501	0.36966
10	103	103.35	104	0.3379	103	103.35	104	0.41208	-0.502	-0.0001	0.501	0.23641
30	103	103.55	104	0.36967	103	103.65	104	0.33774	-0.5	0.1007	0.502	0.31668
50	103	103.3	104	0.34992	102.5	103.35	104	0.41212	-0.501	0.0502	0.501	0.3692
100	102.5	103.65	104.51	0.62674	103	103.8	104.51	0.53819	-0.501	0.1501	1.002	0.47513

Device Test: 16.13 THRESHOLD|RISE/FAULT/14/////@FAULT_VTH_RISING

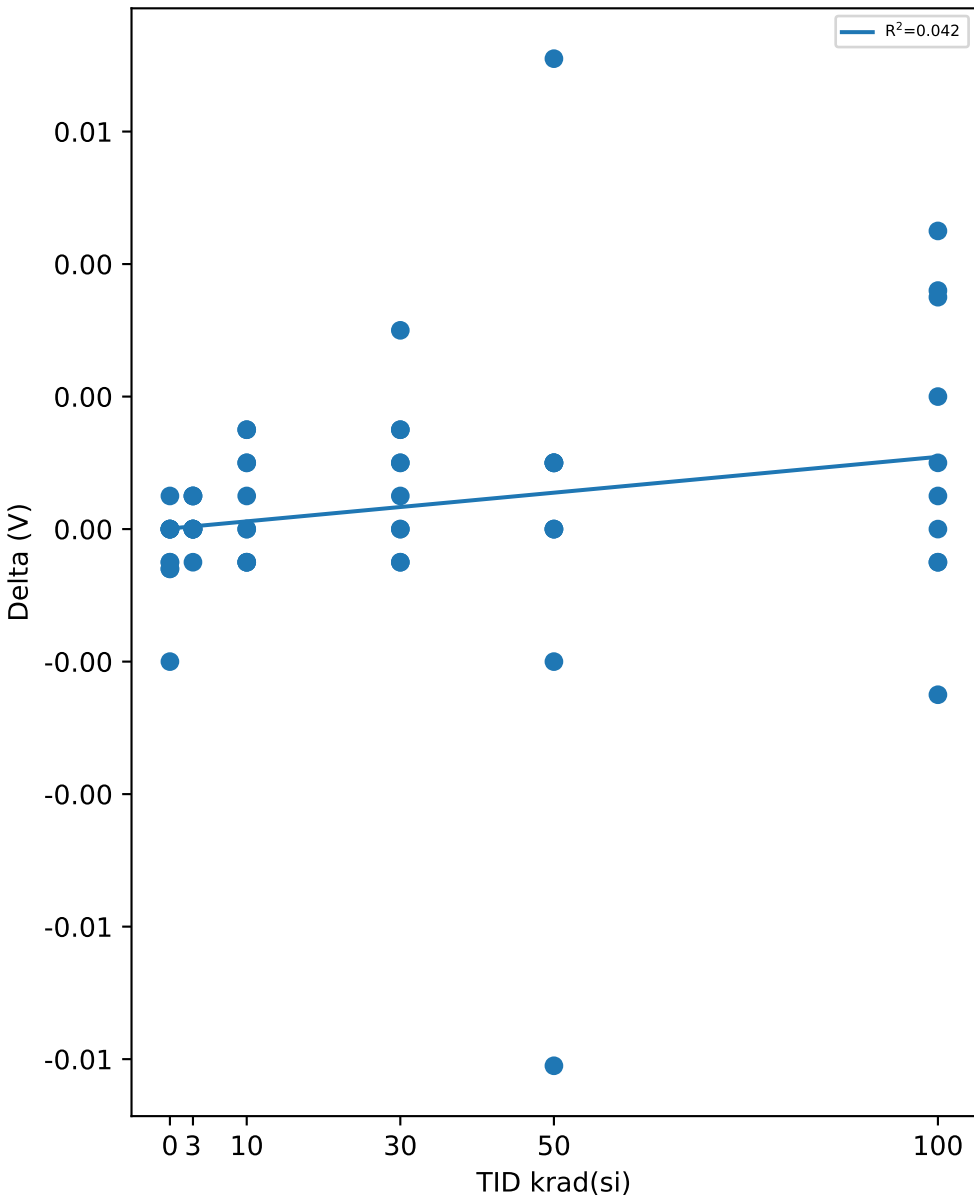
TID vs Result Stats



Test Results (Lower Limit = 0.555, Upper Limit = 0.635 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6038	0.6043	0.0005
516	0	CORRELATION	0.5992	0.5972	-0.002
721	0	CORRELATION	0.6018	0.6018	0
723	0	CORRELATION	0.6023	0.6023	0
729	0	CORRELATION	0.6008	0.6002	-0.0006
1000	3	Unbiased	0.5987	0.5987	0
1001	3	Unbiased	0.5982	0.5982	0
1002	3	Unbiased	0.5987	0.5987	0
1003	3	Unbiased	0.5942	0.5937	-0.0005
1004	3	Unbiased	0.5962	0.5967	0.0005
1005	3	Biased	0.5962	0.5962	0
1006	3	Biased	0.6013	0.6018	0.0005
1007	3	Biased	0.6083	0.6083	0
1008	3	Biased	0.6053	0.6053	0
1009	3	Biased	0.6048	0.6053	0.0005
1010	10	Unbiased	0.6013	0.6028	0.0015
1011	10	Unbiased	0.6128	0.6128	0
1012	10	Unbiased	0.5982	0.5992	0.001
1013	10	Unbiased	0.6088	0.6103	0.0015
1014	10	Unbiased	0.6058	0.6058	0
1015	10	Biased	0.5987	0.5992	0.0005
1016	10	Biased	0.5952	0.5947	-0.0005
1017	10	Biased	0.6048	0.6043	-0.0005
1018	10	Biased	0.6033	0.6043	0.001
1019	10	Biased	0.6038	0.6033	-0.0005
1020	30	Unbiased	0.6023	0.6038	0.0015
1021	30	Unbiased	0.5977	0.5982	0.0005
1022	30	Unbiased	0.5962	0.5972	0.001
1023	30	Unbiased	0.6098	0.6098	0
1024	30	Unbiased	0.6093	0.6108	0.0015
1025	30	Biased	0.6123	0.6118	-0.0005
1026	30	Biased	0.6043	0.6053	0.001
1027	30	Biased	0.6033	0.6063	0.003
1028	30	Biased	0.6148	0.6143	-0.0005
1029	30	Biased	0.6002	0.6002	0
1030	50	Unbiased	0.6028	0.6038	0.001
1031	50	Unbiased	0.6098	0.6108	0.001
1032	50	Unbiased	0.6028	0.6008	-0.002
1033	50	Unbiased	0.5972	0.5982	0.001
1034	50	Unbiased	0.6023	0.6023	0
1035	50	Biased-84Hr-Anneal	0.6098	0.6098	0
1036	50	Biased-84Hr-Anneal	0.5998	0.5998	0
1037	50	Biased-84Hr-Anneal	0.5947	0.5957	0.001
1038	50	Biased-84Hr-Anneal	0.6008	0.5927	-0.0081
1039	50	Biased-84Hr-Anneal	0.5942	0.6013	0.0071
1040	100	Unbiased-168Hr-Anneal	0.5992	0.5987	-0.0005
1041	100	Unbiased-168Hr-Anneal	0.5977	0.5977	0
1042	100	Unbiased-168Hr-Anneal	0.6033	0.6053	0.002
1043	100	Unbiased-168Hr-Anneal	0.6113	0.6088	-0.0025
1044	100	Unbiased-168Hr-Anneal	0.5982	0.5977	-0.0005
1045	100	Biased-168Hr-Anneal	0.5962	0.5967	0.0005
1046	100	Biased-168Hr-Anneal	0.5972	0.6008	0.0036
1047	100	Biased-168Hr-Anneal	0.5887	0.5932	0.0045
1048	100	Biased-168Hr-Anneal	0.6033	0.6068	0.0035
1049	100	Biased-168Hr-Anneal	0.6028	0.6038	0.001

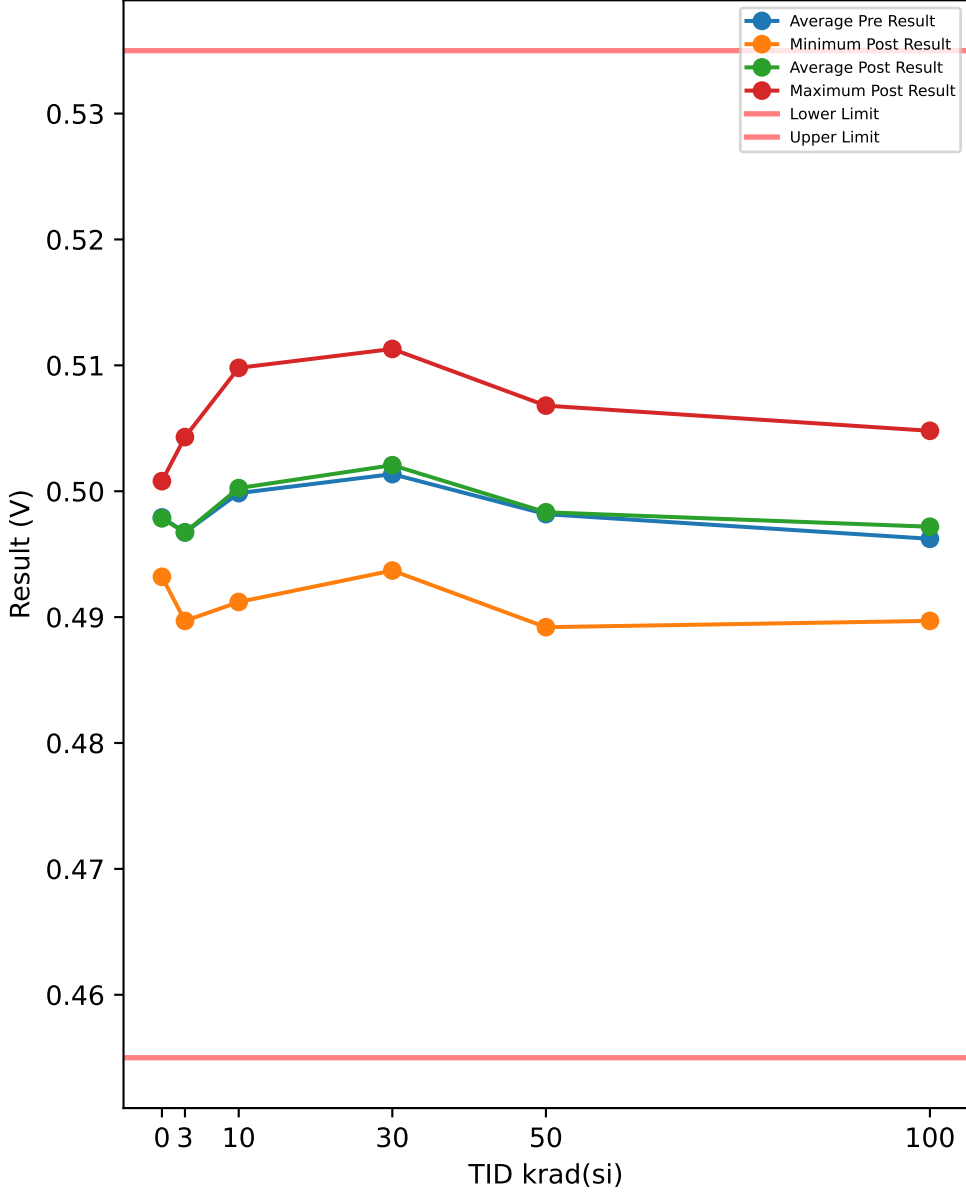
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60158	0.6038	0.0017152	0.5972	0.60116	0.6043	0.0026539	-0.002	-0.00042	0.0005	0.0009654
3	0.5942	0.60019	0.6083	0.0046006	0.5937	0.60029	0.6083	0.0047035	-0.0005	0.0001	0.0005	0.00031623
10	0.5952	0.60327	0.6128	0.0052284	0.5947	0.60367	0.6128	0.0053121	-0.0005	0.0004	0.0015	0.00080966
30	0.5962	0.60502	0.6148	0.0062831	0.5972	0.60577	0.6143	0.0059332	-0.0005	0.00075	0.003	0.0010865
50	0.5942	0.60142	0.6098	0.0054072	0.5927	0.60152	0.6108	0.005644	-0.0081	0.0001	0.0071	0.0037106
100	0.5887	0.59979	0.6113	0.0059255	0.5932	0.60095	0.6088	0.0050247	-0.0025	0.00116	0.0045	0.0022112

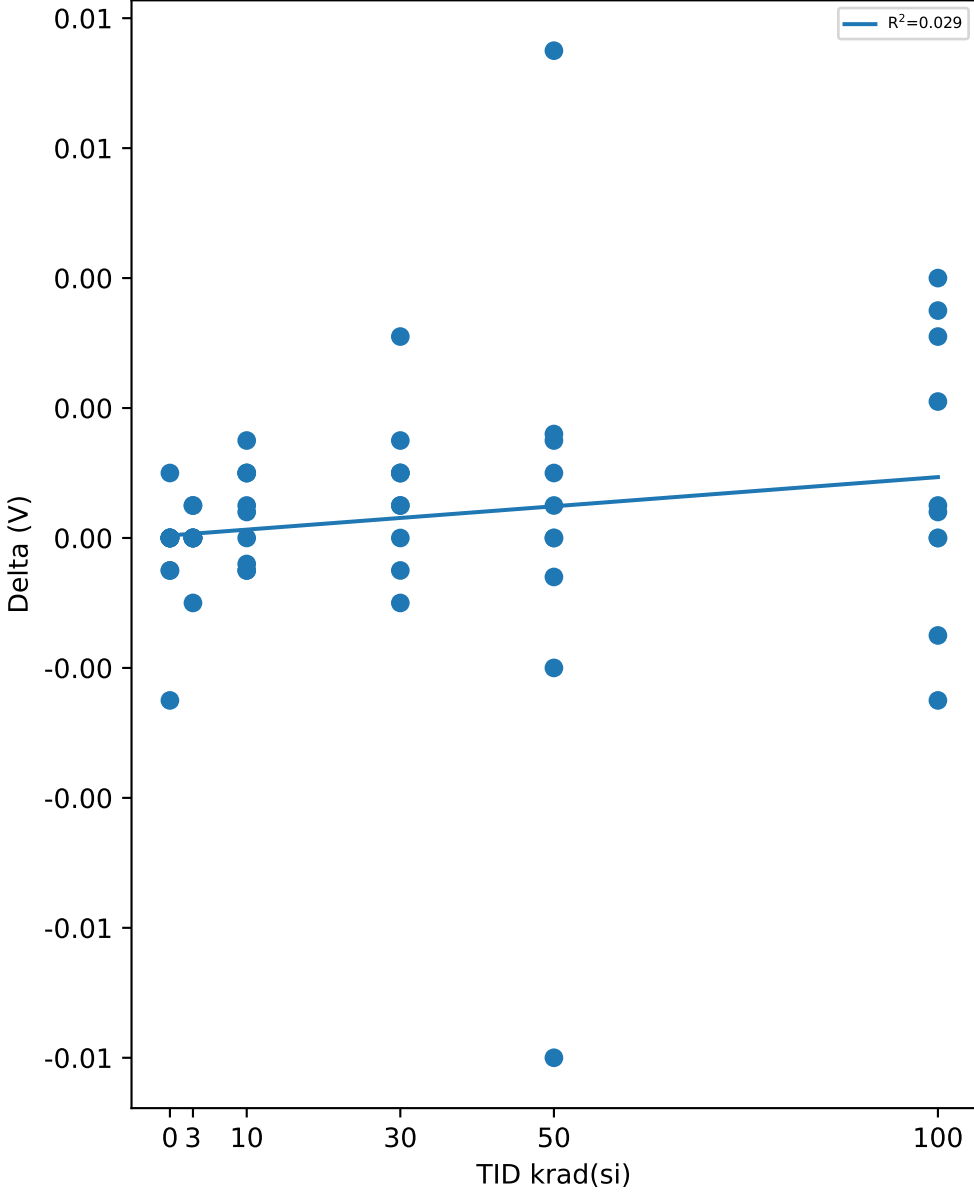
TID vs Result Stats



Test Results (Lower Limit = 0.455, Upper Limit = 0.535 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4998	0.5008	0.001
516	0	CORRELATION	0.4957	0.4932	-0.0025
721	0	CORRELATION	0.4977	0.4977	0
723	0	CORRELATION	0.4987	0.4987	0
729	0	CORRELATION	0.4977	0.4972	-0.0005
1000	3	Unbiased	0.4952	0.4952	0
1001	3	Unbiased	0.4947	0.4947	0
1002	3	Unbiased	0.4952	0.4952	0
1003	3	Unbiased	0.4907	0.4897	-0.001
1004	3	Unbiased	0.4927	0.4932	0.0005
1005	3	Biased	0.4927	0.4927	0
1006	3	Biased	0.4977	0.4982	0.0005
1007	3	Biased	0.5043	0.5043	0
1008	3	Biased	0.5018	0.5018	0
1009	3	Biased	0.5023	0.5023	0
1010	10	Unbiased	0.4982	0.4992	0.001
1011	10	Unbiased	0.5098	0.5098	0
1012	10	Unbiased	0.4947	0.4957	0.001
1013	10	Unbiased	0.5048	0.5063	0.0015
1014	10	Unbiased	0.5023	0.5028	0.0005
1015	10	Biased	0.4957	0.4967	0.001
1016	10	Biased	0.4917	0.4912	-0.0005
1017	10	Biased	0.5013	0.5008	-0.0005
1018	10	Biased	0.4998	0.5002	0.0004
1019	10	Biased	0.5002	0.4998	-0.0004
1020	30	Unbiased	0.4998	0.5008	0.001
1021	30	Unbiased	0.4937	0.4942	0.0005
1022	30	Unbiased	0.4922	0.4937	0.0015
1023	30	Unbiased	0.5063	0.5058	-0.0005
1024	30	Unbiased	0.5053	0.5063	0.001
1025	30	Biased	0.5088	0.5078	-0.001
1026	30	Biased	0.5008	0.5018	0.001
1027	30	Biased	0.4992	0.5023	0.0031
1028	30	Biased	0.5113	0.5113	0
1029	30	Biased	0.4962	0.4967	0.0005
1030	50	Unbiased	0.4992	0.5008	0.0016
1031	50	Unbiased	0.5068	0.5068	0
1032	50	Unbiased	0.4992	0.4972	-0.002
1033	50	Unbiased	0.4942	0.4957	0.0015
1034	50	Unbiased	0.4998	0.4992	-0.0006
1035	50	Biased-84Hr-Anneal	0.5068	0.5068	0
1036	50	Biased-84Hr-Anneal	0.4967	0.4972	0.0005
1037	50	Biased-84Hr-Anneal	0.4917	0.4927	0.001
1038	50	Biased-84Hr-Anneal	0.4972	0.4892	-0.008
1039	50	Biased-84Hr-Anneal	0.4902	0.4977	0.0075
1040	100	Unbiased-168Hr-Anneal	0.4967	0.4952	-0.0015
1041	100	Unbiased-168Hr-Anneal	0.4937	0.4937	0
1042	100	Unbiased-168Hr-Anneal	0.4992	0.5013	0.0021
1043	100	Unbiased-168Hr-Anneal	0.5073	0.5048	-0.0025
1044	100	Unbiased-168Hr-Anneal	0.4947	0.4947	0
1045	100	Biased-168Hr-Anneal	0.4922	0.4927	0.0005
1046	100	Biased-168Hr-Anneal	0.4937	0.4972	0.0035
1047	100	Biased-168Hr-Anneal	0.4857	0.4897	0.004
1048	100	Biased-168Hr-Anneal	0.4992	0.5023	0.0031
1049	100	Biased-168Hr-Anneal	0.4998	0.5002	0.0004

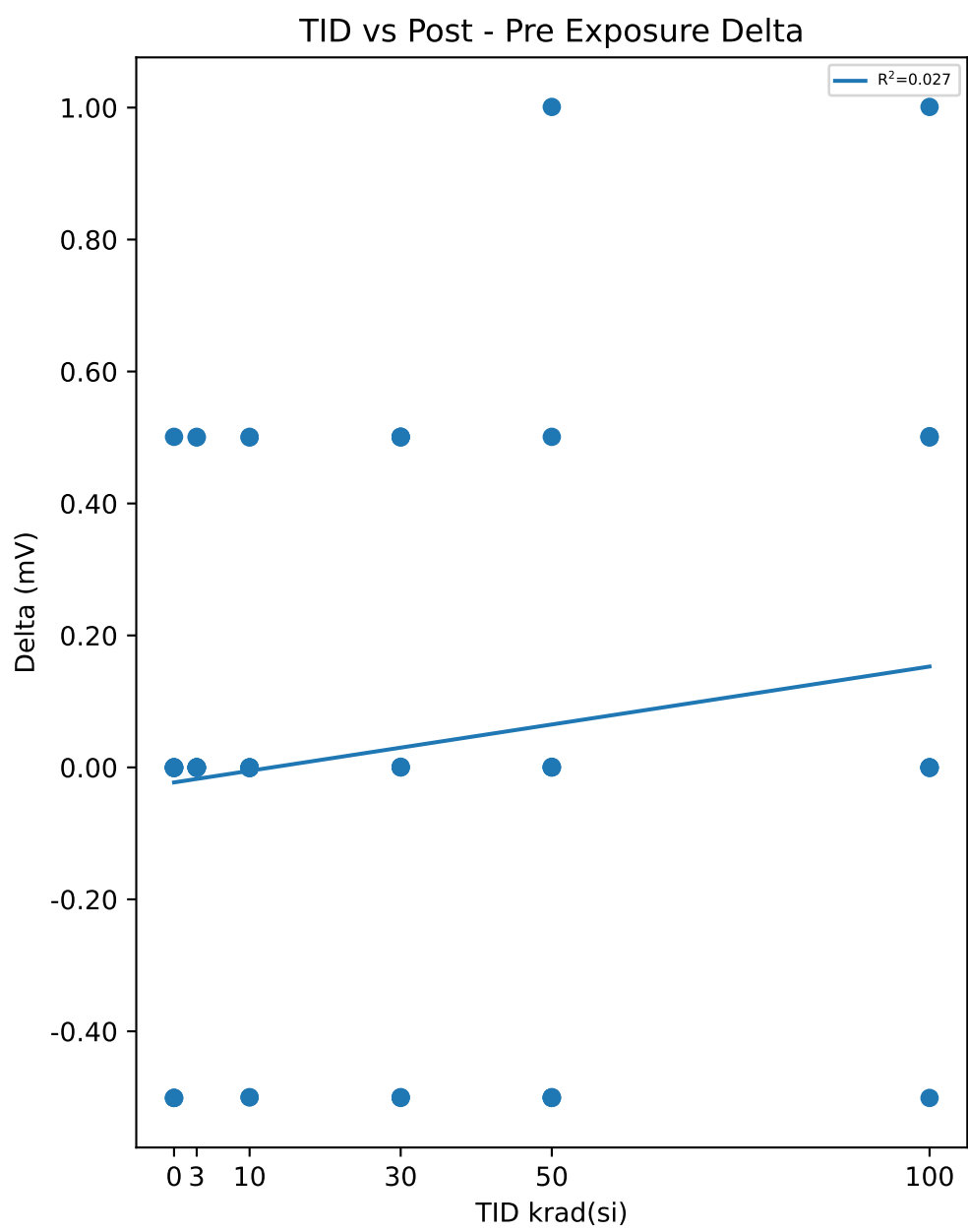
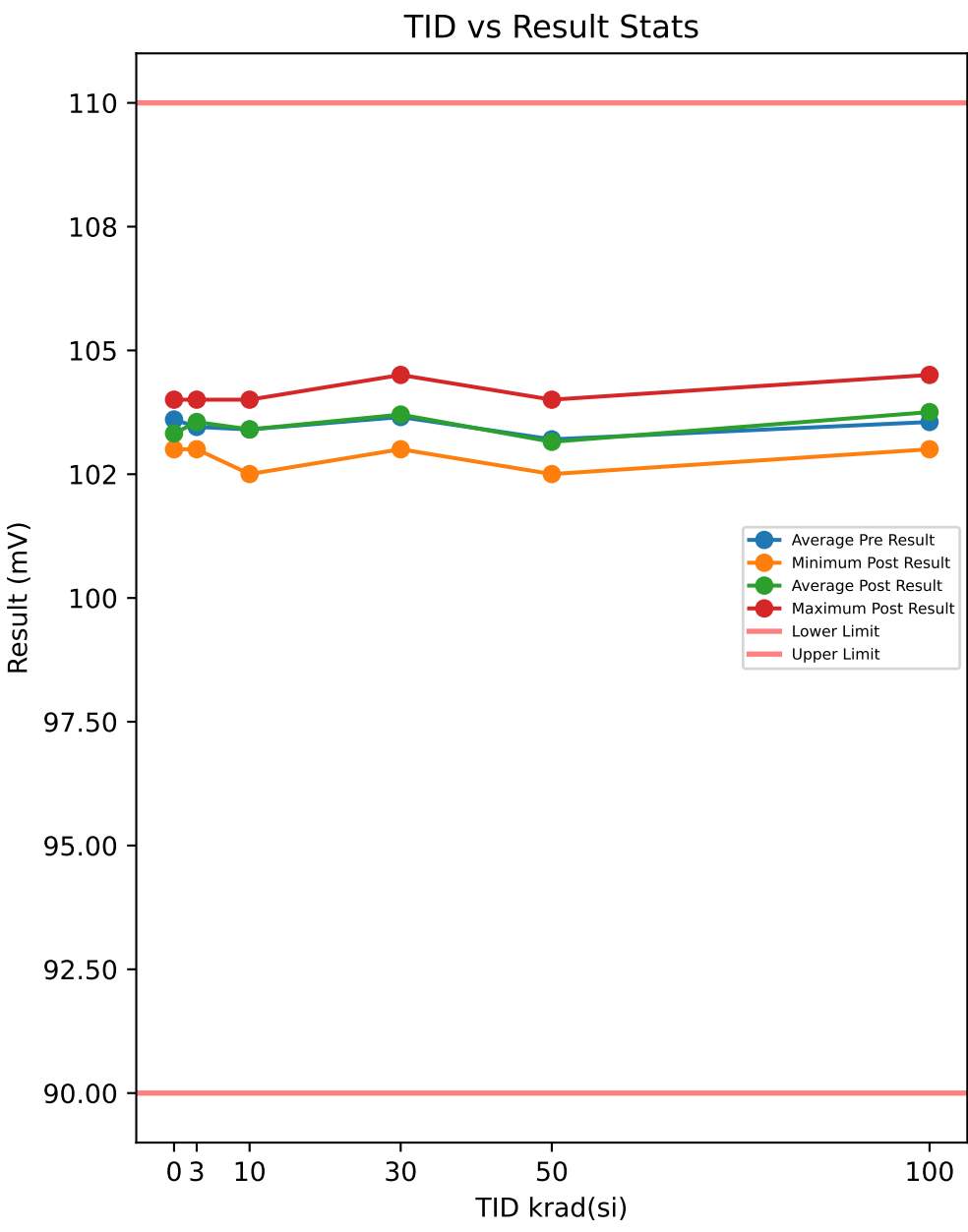
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4957	0.49792	0.4998	0.0015139	0.4932	0.49752	0.5008	0.0027815	-0.0025	-0.0004	0.001	0.0012942
3	0.4907	0.49673	0.5043	0.0046263	0.4897	0.49673	0.5043	0.0047507	-0.001	0	0.0005	0.00040825
10	0.4917	0.49985	0.5098	0.0052135	0.4912	0.50025	0.5098	0.0052823	-0.0005	0.0004	0.0015	0.00072419
30	0.4922	0.50136	0.5113	0.0064179	0.4937	0.50207	0.5113	0.0058916	-0.001	0.00071	0.0031	0.0011338
50	0.4902	0.49818	0.5068	0.0055575	0.4892	0.49833	0.5068	0.0055303	-0.008	0.00015	0.0075	0.0038071
100	0.4857	0.49622	0.5073	0.0057292	0.4897	0.49718	0.5048	0.0048141	-0.0025	0.00096	0.004	0.0021593

Device Test: 16.15 THRESHOLD|HYST/FAULT/14/////@FAULT_VTH_HYST



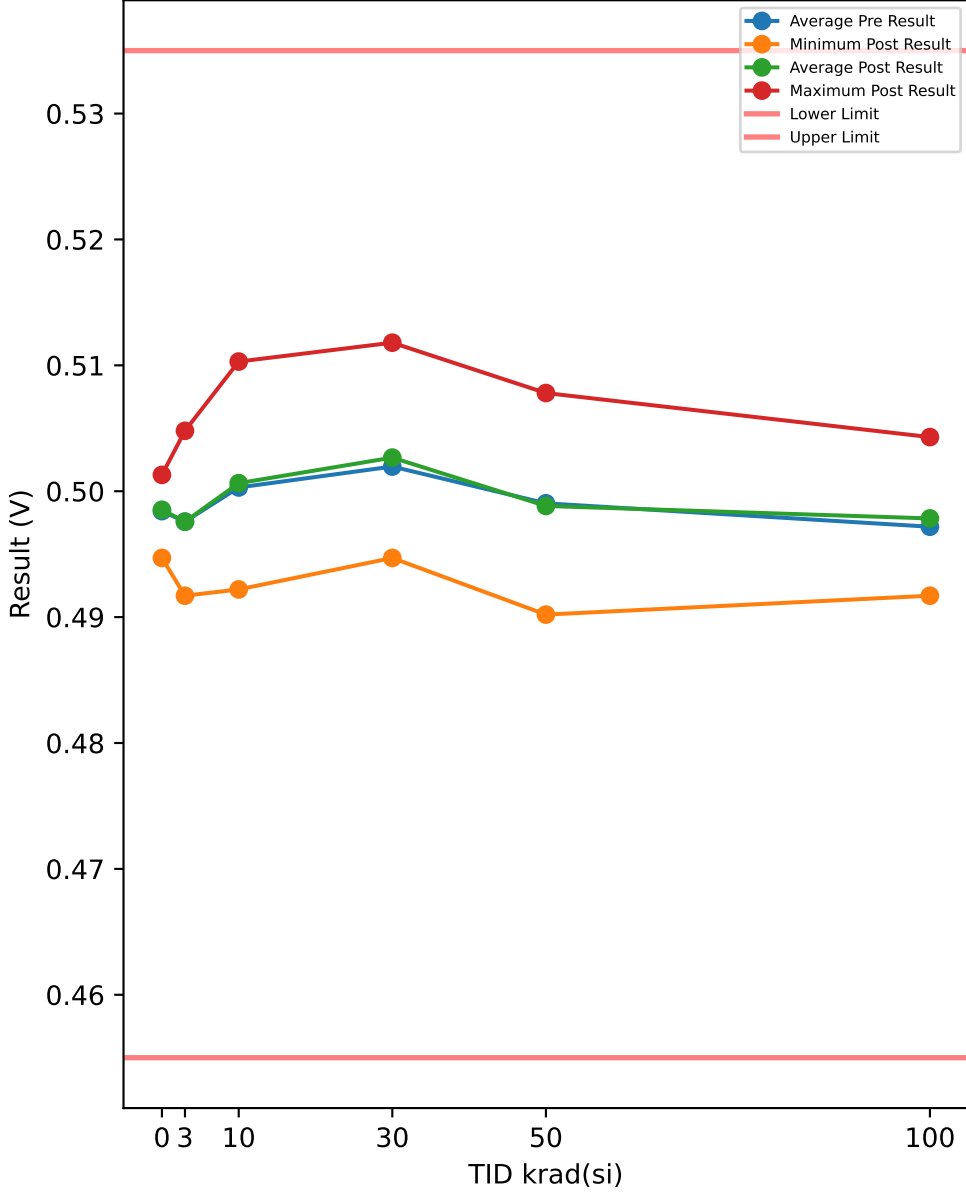
Test Results (Lower Limit = 90.0, Upper Limit = 110.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	104	103.5	-0.501
516	0	CORRELATION	103.5	104	0.501
721	0	CORRELATION	104	104	0
723	0	CORRELATION	103.5	103.5	0
729	0	CORRELATION	103	103	-0.001
1000	3	Unbiased	103.5	103.5	0
1001	3	Unbiased	103.5	103.5	0
1002	3	Unbiased	103.5	103.5	0
1003	3	Unbiased	103.5	104	0.5
1004	3	Unbiased	103.5	103.5	0
1005	3	Biased	103.5	103.5	0
1006	3	Biased	103.5	103.5	-0.001
1007	3	Biased	104	104	0
1008	3	Biased	103.5	103.5	0
1009	3	Biased	102.5	103	0.501
1010	10	Unbiased	103	103.5	0.5
1011	10	Unbiased	103	103	0
1012	10	Unbiased	103.5	103.5	-0.001
1013	10	Unbiased	104	104	0
1014	10	Unbiased	103.5	103	-0.5
1015	10	Biased	103	102.5	-0.5
1016	10	Biased	103.5	103.5	0
1017	10	Biased	103.5	103.5	0
1018	10	Biased	103.5	104	0.501
1019	10	Biased	103.5	103.5	-0.001
1020	30	Unbiased	102.5	103	0.501
1021	30	Unbiased	104	104	0
1022	30	Unbiased	104	103.5	-0.5
1023	30	Unbiased	103.5	104	0.501
1024	30	Unbiased	104	104.5	0.5
1025	30	Biased	103.5	104	0.501
1026	30	Biased	103.5	103.5	0.001
1027	30	Biased	104	104	0
1028	30	Biased	103.5	103	-0.5
1029	30	Biased	104	103.5	-0.501
1030	50	Unbiased	103.5	103	-0.5
1031	50	Unbiased	103	104	1.001
1032	50	Unbiased	103.5	103.5	0
1033	50	Unbiased	103	102.5	-0.501
1034	50	Unbiased	102.5	103	0.501
1035	50	Biased-84Hr-Anneal	103	103	0
1036	50	Biased-84Hr-Anneal	103	102.5	-0.501
1037	50	Biased-84Hr-Anneal	103	103	0.001
1038	50	Biased-84Hr-Anneal	103.5	103.5	0
1039	50	Biased-84Hr-Anneal	104	103.5	-0.5
1040	100	Unbiased-168Hr-Anneal	102.5	103.5	1.001
1041	100	Unbiased-168Hr-Anneal	104	104	0
1042	100	Unbiased-168Hr-Anneal	104	104	0
1043	100	Unbiased-168Hr-Anneal	104	104	0
1044	100	Unbiased-168Hr-Anneal	103.5	103	-0.501
1045	100	Biased-168Hr-Anneal	104	104	0
1046	100	Biased-168Hr-Anneal	103.5	103.5	-0.001
1047	100	Biased-168Hr-Anneal	103	103.5	0.501
1048	100	Biased-168Hr-Anneal	104	104.5	0.5
1049	100	Biased-168Hr-Anneal	103	103.5	0.502

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103	103.6	104	0.41875	103	103.6	104	0.41911	-0.501	-0.0002	0.501	0.35426
3	102.5	103.45	104	0.36944	103	103.55	104	0.28414	-0.001	0.1	0.501	0.21108
10	103	103.4	104	0.31665	102.5	103.4	104	0.45998	-0.5	-0.0001	0.501	0.3335
30	102.5	103.65	104	0.47502	103	103.7	104.5	0.48341	-0.501	0.0503	0.501	0.43827
50	102.5	103.2	104	0.42209	102.5	103.15	104	0.47493	-0.501	-0.0499	1.001	0.49778
100	102.5	103.55	104	0.55101	103	103.75	104.5	0.42525	-0.501	0.2002	1.001	0.42232

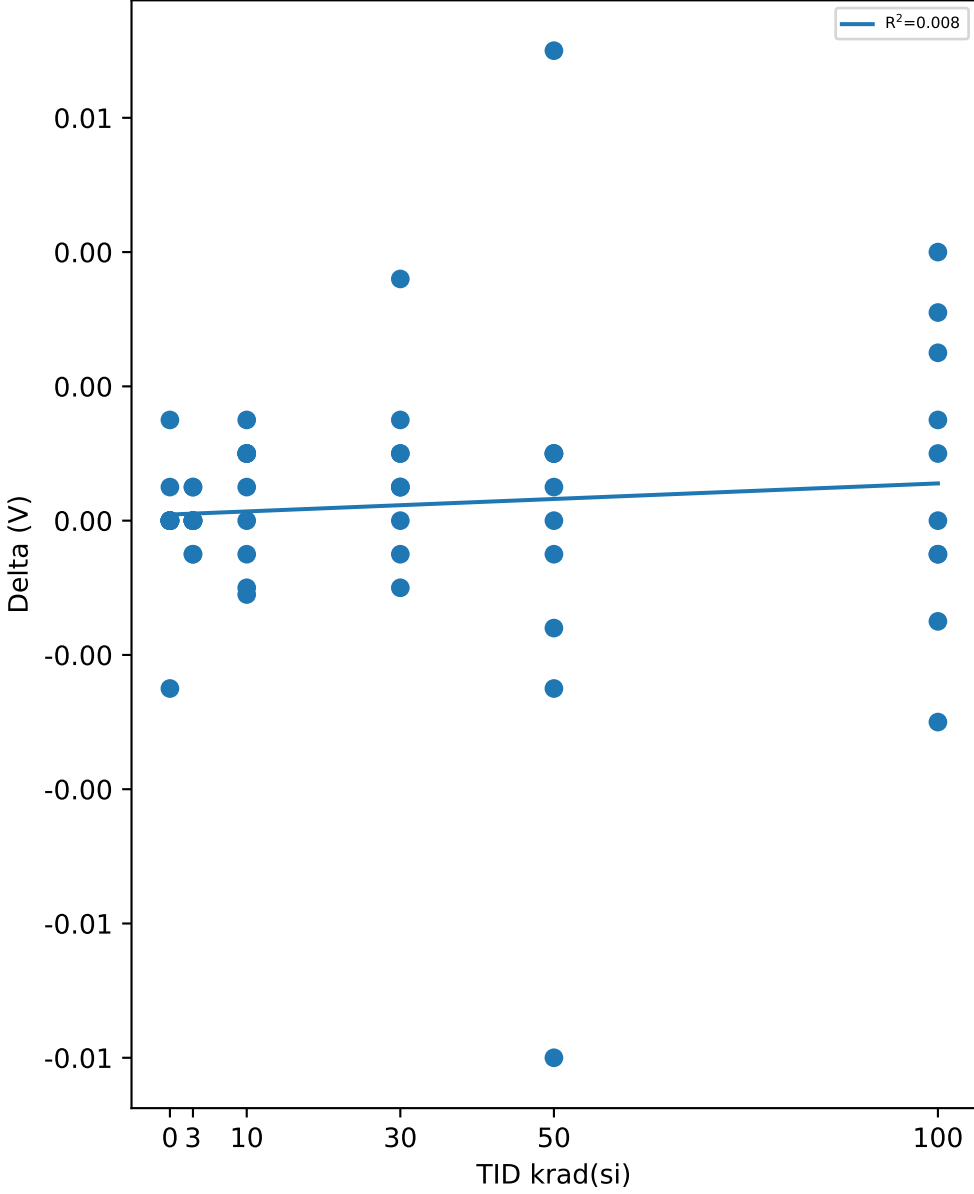
TID vs Result Stats



Test Results (Lower Limit = 0.455, Upper Limit = 0.535 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4998	0.5013	0.0015
516	0	CORRELATION	0.4972	0.4947	-0.0025
721	0	CORRELATION	0.4977	0.4982	0.0005
723	0	CORRELATION	0.4992	0.4992	0
729	0	CORRELATION	0.4982	0.4982	0
1000	3	Unbiased	0.4957	0.4957	0
1001	3	Unbiased	0.4947	0.4942	-0.0005
1002	3	Unbiased	0.4957	0.4957	0
1003	3	Unbiased	0.4922	0.4917	-0.0005
1004	3	Unbiased	0.4942	0.4947	0.0005
1005	3	Biased	0.4942	0.4942	0
1006	3	Biased	0.4982	0.4987	0.0005
1007	3	Biased	0.5048	0.5048	0
1008	3	Biased	0.5033	0.5033	0
1009	3	Biased	0.5028	0.5028	0
1010	10	Unbiased	0.4982	0.4992	0.001
1011	10	Unbiased	0.5103	0.5103	0
1012	10	Unbiased	0.4952	0.4962	0.001
1013	10	Unbiased	0.5053	0.5068	0.0015
1014	10	Unbiased	0.5033	0.5038	0.0005
1015	10	Biased	0.4957	0.4967	0.001
1016	10	Biased	0.4932	0.4922	-0.001
1017	10	Biased	0.5013	0.5008	-0.0005
1018	10	Biased	0.4992	0.5002	0.001
1019	10	Biased	0.5013	0.5002	-0.0011
1020	30	Unbiased	0.4998	0.5008	0.001
1021	30	Unbiased	0.4947	0.4952	0.0005
1022	30	Unbiased	0.4932	0.4947	0.0015
1023	30	Unbiased	0.5068	0.5063	-0.0005
1024	30	Unbiased	0.5058	0.5068	0.001
1025	30	Biased	0.5088	0.5078	-0.001
1026	30	Biased	0.5013	0.5018	0.0005
1027	30	Biased	0.5002	0.5038	0.0036
1028	30	Biased	0.5118	0.5118	0
1029	30	Biased	0.4972	0.4977	0.0005
1030	50	Unbiased	0.5008	0.5008	0
1031	50	Unbiased	0.5068	0.5078	0.001
1032	50	Unbiased	0.5002	0.4977	-0.0025
1033	50	Unbiased	0.4947	0.4957	0.001
1034	50	Unbiased	0.5008	0.4992	-0.0016
1035	50	Biased-84Hr-Anneal	0.5073	0.5068	-0.0005
1036	50	Biased-84Hr-Anneal	0.4972	0.4977	0.0005
1037	50	Biased-84Hr-Anneal	0.4927	0.4937	0.001
1038	50	Biased-84Hr-Anneal	0.4982	0.4902	-0.008
1039	50	Biased-84Hr-Anneal	0.4917	0.4987	0.007
1040	100	Unbiased-168Hr-Anneal	0.4972	0.4957	-0.0015
1041	100	Unbiased-168Hr-Anneal	0.4947	0.4942	-0.0005
1042	100	Unbiased-168Hr-Anneal	0.5008	0.5023	0.0015
1043	100	Unbiased-168Hr-Anneal	0.5073	0.5043	-0.003
1044	100	Unbiased-168Hr-Anneal	0.4952	0.4947	-0.0005
1045	100	Biased-168Hr-Anneal	0.4937	0.4937	0
1046	100	Biased-168Hr-Anneal	0.4952	0.4977	0.0025
1047	100	Biased-168Hr-Anneal	0.4877	0.4917	0.004
1048	100	Biased-168Hr-Anneal	0.5002	0.5033	0.0031
1049	100	Biased-168Hr-Anneal	0.4998	0.5008	0.001

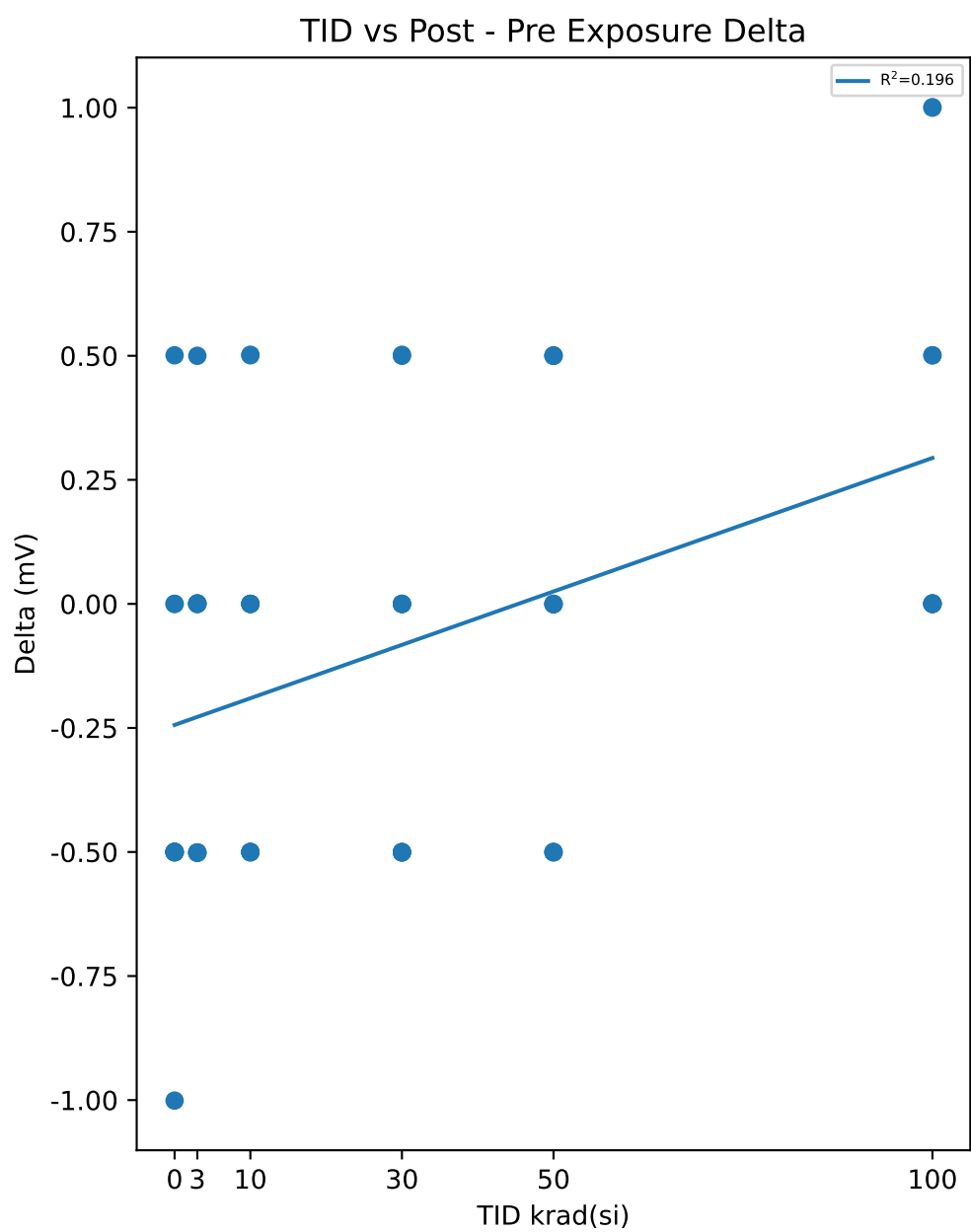
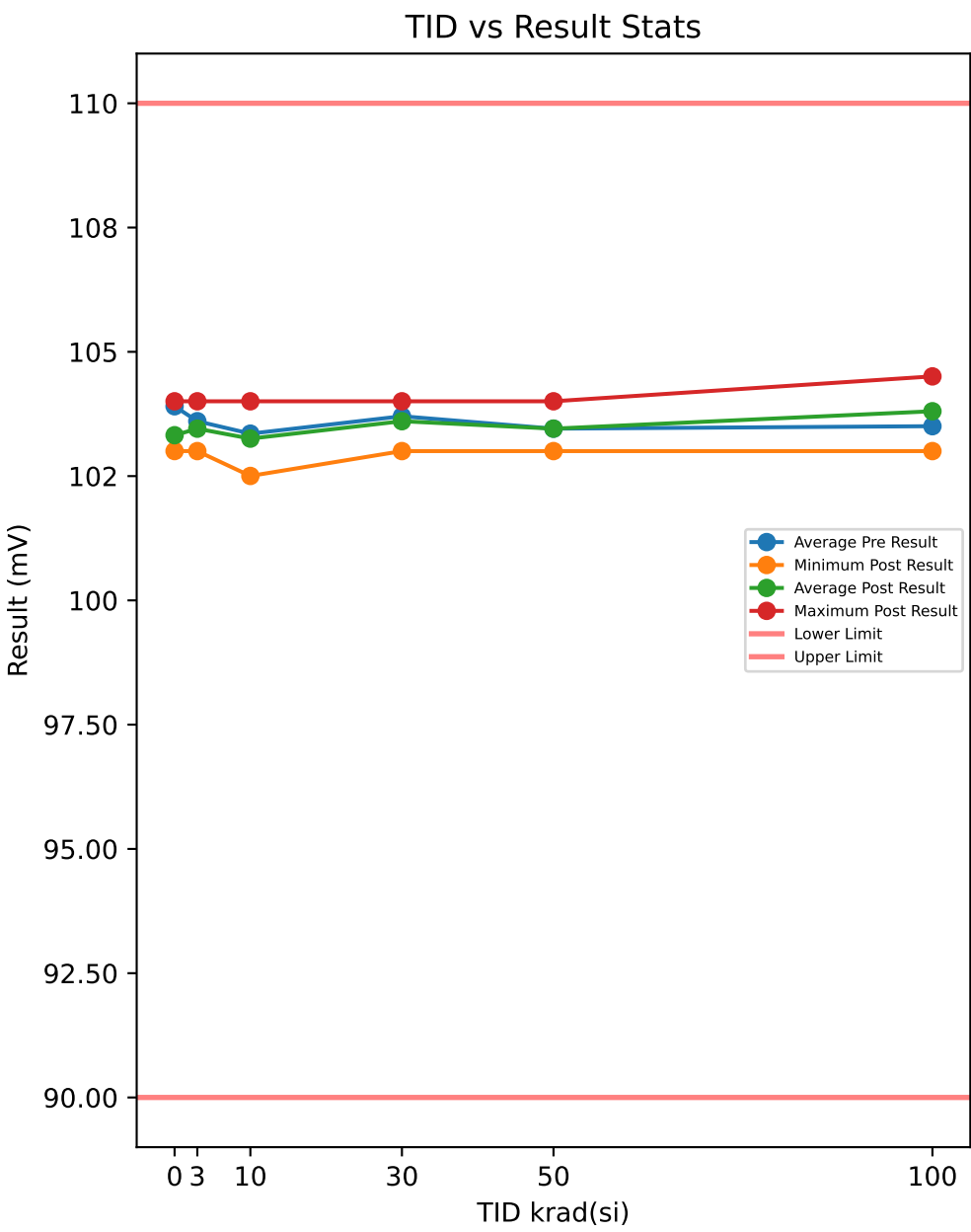
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4972	0.49842	0.4998	0.0010686	0.4947	0.49832	0.5013	0.0023868	-0.0025	-0.0001	0.0015	0.0014748
3	0.4922	0.49758	0.5048	0.0044676	0.4917	0.49758	0.5048	0.0045477	-0.0005	0	0.0005	0.00033333
10	0.4932	0.5003	0.5103	0.0051554	0.4922	0.50064	0.5103	0.0052726	-0.0011	0.00034	0.0015	0.00093119
30	0.4932	0.50196	0.5118	0.0061652	0.4947	0.50267	0.5118	0.0056712	-0.001	0.00071	0.0036	0.0012547
50	0.4917	0.49904	0.5073	0.0053018	0.4902	0.49883	0.5078	0.0053868	-0.008	-0.00021	0.007	0.0037248
100	0.4877	0.49718	0.5073	0.0052438	0.4917	0.49784	0.5043	0.0045061	-0.003	0.00066	0.004	0.0021732

Device Test: 16.3 THRESHOLD|HYST/FAULT/4.5////@FAULT_VTH_HYST



Test Results (Lower Limit = 90.0, Upper Limit = 110.0 (mV))

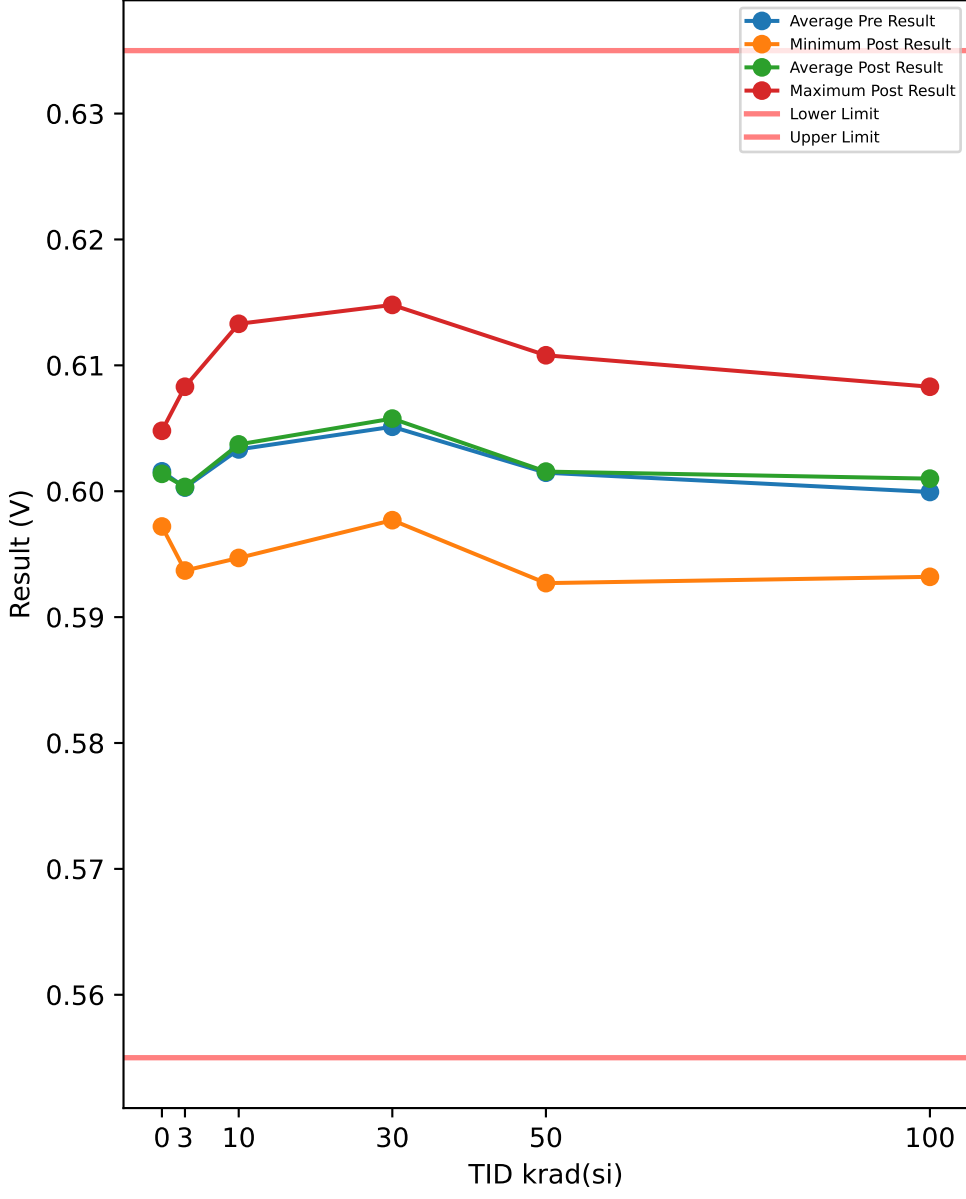
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	104.5	103.5	-1.001
516	0	CORRELATION	103.5	104	0.501
721	0	CORRELATION	104.51	104	-0.501
723	0	CORRELATION	103.5	103	-0.5
729	0	CORRELATION	103.5	103	-0.5
1000	3	Unbiased	104	103.5	-0.501
1001	3	Unbiased	104	104	0
1002	3	Unbiased	104	103.5	-0.501
1003	3	Unbiased	103.5	103	-0.502
1004	3	Unbiased	103.5	103.5	0.001
1005	3	Biased	104	103.5	-0.501
1006	3	Biased	103.5	103.5	0.001
1007	3	Biased	103.5	103.5	0
1008	3	Biased	103	103.5	0.5
1009	3	Biased	103	103	0
1010	10	Unbiased	103.5	103.5	0
1011	10	Unbiased	103	103	0
1012	10	Unbiased	103	103	0
1013	10	Unbiased	104	103.5	-0.5
1014	10	Unbiased	103.5	103	-0.501
1015	10	Biased	103	102.5	-0.5
1016	10	Biased	103.5	104	0.501
1017	10	Biased	103.5	103.5	0
1018	10	Biased	103.5	103	-0.5
1019	10	Biased	103	103.5	0.502
1020	30	Unbiased	103.5	103	-0.5
1021	30	Unbiased	104.51	104	-0.501
1022	30	Unbiased	104	104	0
1023	30	Unbiased	103.5	104	0.5
1024	30	Unbiased	104	104	0
1025	30	Biased	103.5	103.5	0
1026	30	Biased	103	103.5	0.502
1027	30	Biased	104	103.5	-0.501
1028	30	Biased	103	103	0
1029	30	Biased	104	103.5	-0.5
1030	50	Unbiased	103	103.5	0.5
1031	50	Unbiased	104	103.5	-0.501
1032	50	Unbiased	103.5	103.5	0
1033	50	Unbiased	103	103	-0.001
1034	50	Unbiased	103	103.5	0.5
1035	50	Biased-84Hr-Anneal	103	103.5	0.501
1036	50	Biased-84Hr-Anneal	103.5	103	-0.5
1037	50	Biased-84Hr-Anneal	103.5	103	-0.5
1038	50	Biased-84Hr-Anneal	104	104	0
1039	50	Biased-84Hr-Anneal	104	104	0
1040	100	Unbiased-168Hr-Anneal	103	103.5	0.501
1041	100	Unbiased-168Hr-Anneal	103.5	104.5	1
1042	100	Unbiased-168Hr-Anneal	103.5	103.5	0
1043	100	Unbiased-168Hr-Anneal	104	104	0
1044	100	Unbiased-168Hr-Anneal	103.5	103.5	0.001
1045	100	Biased-168Hr-Anneal	103.5	104.51	1.001
1046	100	Biased-168Hr-Anneal	103.5	103.5	0.001
1047	100	Biased-168Hr-Anneal	103	103	0
1048	100	Biased-168Hr-Anneal	104	104.51	0.501
1049	100	Biased-168Hr-Anneal	103.5	103.5	0

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103.5	103.9	104.51	0.54854	103	103.5	104	0.5005	-1.001	-0.4002	0.501	0.54845
3	103	103.6	104	0.39483	103	103.45	104	0.28425	-0.502	-0.1503	0.5	0.33815
10	103	103.35	104	0.33792	102.5	103.25	104	0.42551	-0.501	-0.0998	0.502	0.39503
30	103	103.7	104.51	0.48397	103	103.6	104	0.39497	-0.501	-0.1	0.502	0.39497
50	103	103.45	104	0.43823	103	103.45	104	0.36943	-0.501	-0.0001	0.501	0.40852
100	103	103.5	104	0.334	103	103.8	104.51	0.53829	0	0.3005	1.001	0.42177

Device Test: 16.5 THRESHOLD|RISE/FAULT/5////@FAULT_VTH_RISING

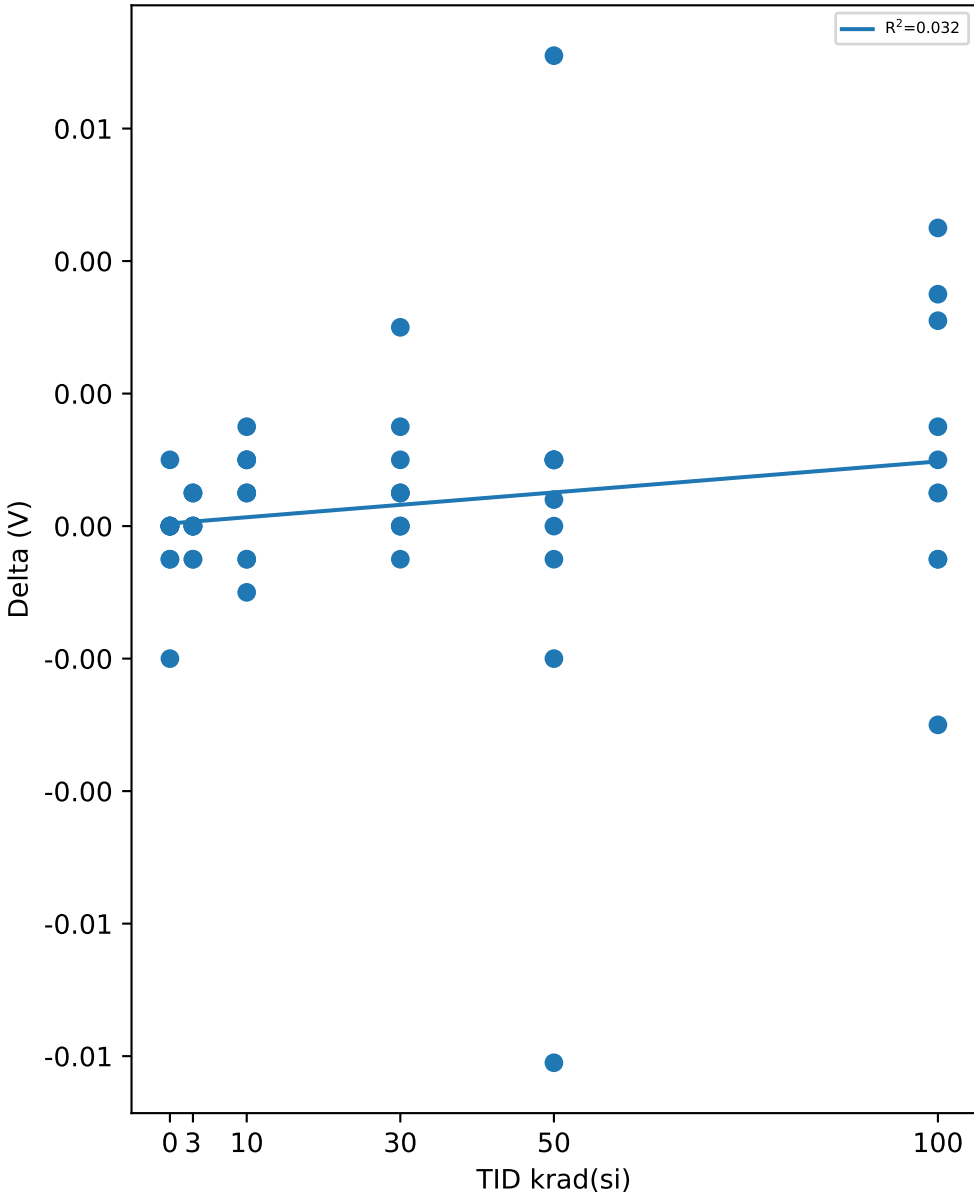
TID vs Result Stats



Test Results (Lower Limit = 0.555, Upper Limit = 0.635 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6038	0.6048	0.001
516	0	CORRELATION	0.5992	0.5972	-0.002
721	0	CORRELATION	0.6018	0.6018	0
723	0	CORRELATION	0.6023	0.6023	0
729	0	CORRELATION	0.6008	0.6008	0
1000	3	Unbiased	0.5987	0.5987	0
1001	3	Unbiased	0.5987	0.5982	-0.0005
1002	3	Unbiased	0.5987	0.5987	0
1003	3	Unbiased	0.5942	0.5937	-0.0005
1004	3	Unbiased	0.5967	0.5972	0.0005
1005	3	Biased	0.5962	0.5962	0
1006	3	Biased	0.6013	0.6018	0.0005
1007	3	Biased	0.6083	0.6083	0
1008	3	Biased	0.6053	0.6053	0
1009	3	Biased	0.6048	0.6053	0.0005
1010	10	Unbiased	0.6018	0.6028	0.001
1011	10	Unbiased	0.6128	0.6133	0.0005
1012	10	Unbiased	0.5977	0.5987	0.001
1013	10	Unbiased	0.6088	0.6103	0.0015
1014	10	Unbiased	0.6058	0.6063	0.0005
1015	10	Biased	0.5987	0.5992	0.0005
1016	10	Biased	0.5957	0.5947	-0.001
1017	10	Biased	0.6048	0.6043	-0.0005
1018	10	Biased	0.6033	0.6043	0.001
1019	10	Biased	0.6038	0.6033	-0.0005
1020	30	Unbiased	0.6028	0.6038	0.001
1021	30	Unbiased	0.5977	0.5982	0.0005
1022	30	Unbiased	0.5962	0.5977	0.0015
1023	30	Unbiased	0.6098	0.6098	0
1024	30	Unbiased	0.6098	0.6103	0.0005
1025	30	Biased	0.6123	0.6118	-0.0005
1026	30	Biased	0.6043	0.6048	0.0005
1027	30	Biased	0.6033	0.6063	0.003
1028	30	Biased	0.6148	0.6148	0
1029	30	Biased	0.6002	0.6002	0
1030	50	Unbiased	0.6028	0.6038	0.001
1031	50	Unbiased	0.6098	0.6108	0.001
1032	50	Unbiased	0.6028	0.6008	-0.002
1033	50	Unbiased	0.5972	0.5982	0.001
1034	50	Unbiased	0.6028	0.6023	-0.0005
1035	50	Biased-84Hr-Anneal	0.6098	0.6098	0
1036	50	Biased-84Hr-Anneal	0.5998	0.6002	0.0004
1037	50	Biased-84Hr-Anneal	0.5947	0.5957	0.001
1038	50	Biased-84Hr-Anneal	0.6008	0.5927	-0.0081
1039	50	Biased-84Hr-Anneal	0.5942	0.6013	0.0071
1040	100	Unbiased-168Hr-Anneal	0.5992	0.5987	-0.0005
1041	100	Unbiased-168Hr-Anneal	0.5977	0.5982	0.0005
1042	100	Unbiased-168Hr-Anneal	0.6038	0.6053	0.0015
1043	100	Unbiased-168Hr-Anneal	0.6113	0.6083	-0.003
1044	100	Unbiased-168Hr-Anneal	0.5982	0.5977	-0.0005
1045	100	Biased-168Hr-Anneal	0.5962	0.5972	0.001
1046	100	Biased-168Hr-Anneal	0.5977	0.6008	0.0031
1047	100	Biased-168Hr-Anneal	0.5887	0.5932	0.0045
1048	100	Biased-168Hr-Anneal	0.6033	0.6068	0.0035
1049	100	Biased-168Hr-Anneal	0.6033	0.6038	0.0005

TID vs Post - Pre Exposure Delta

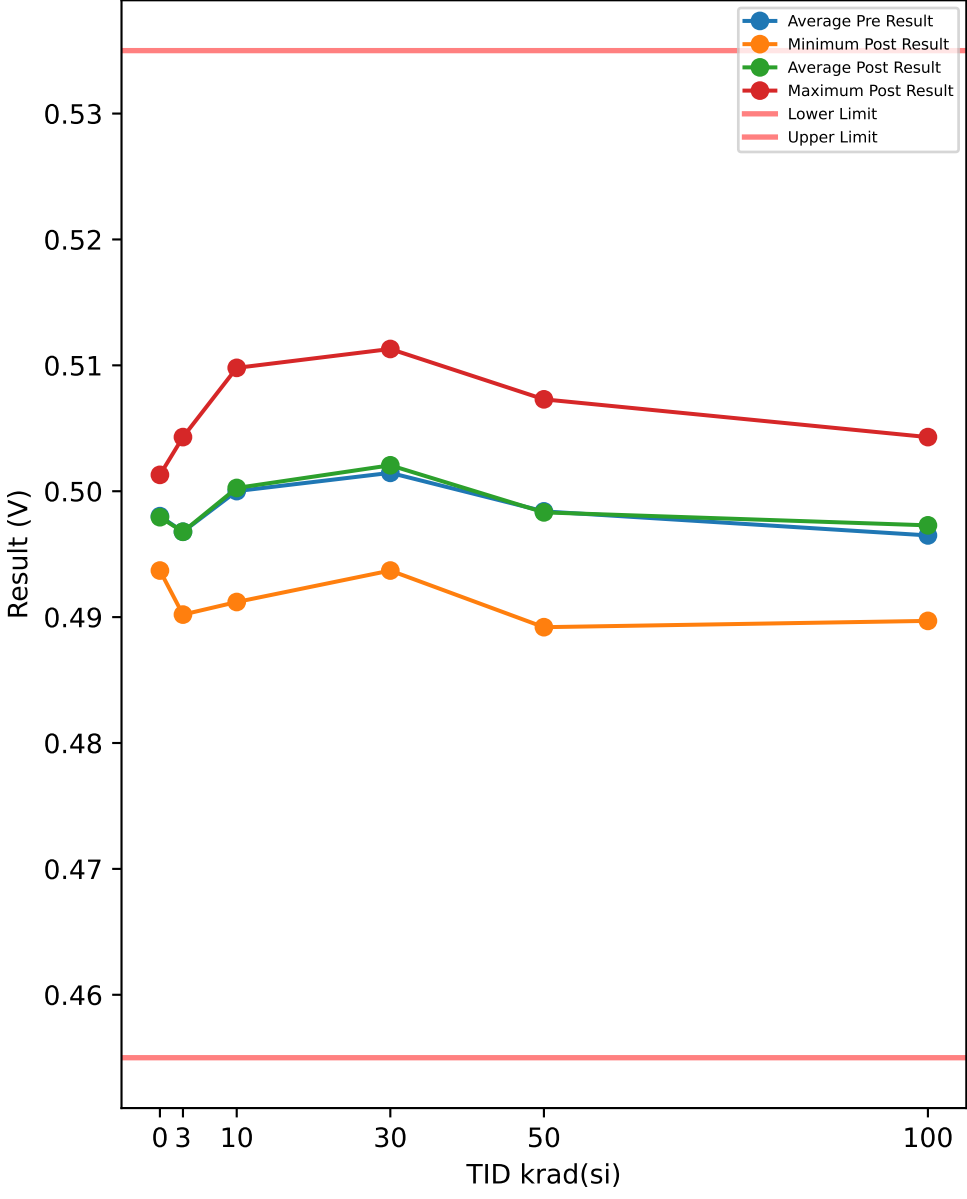


Test Statistics (V)

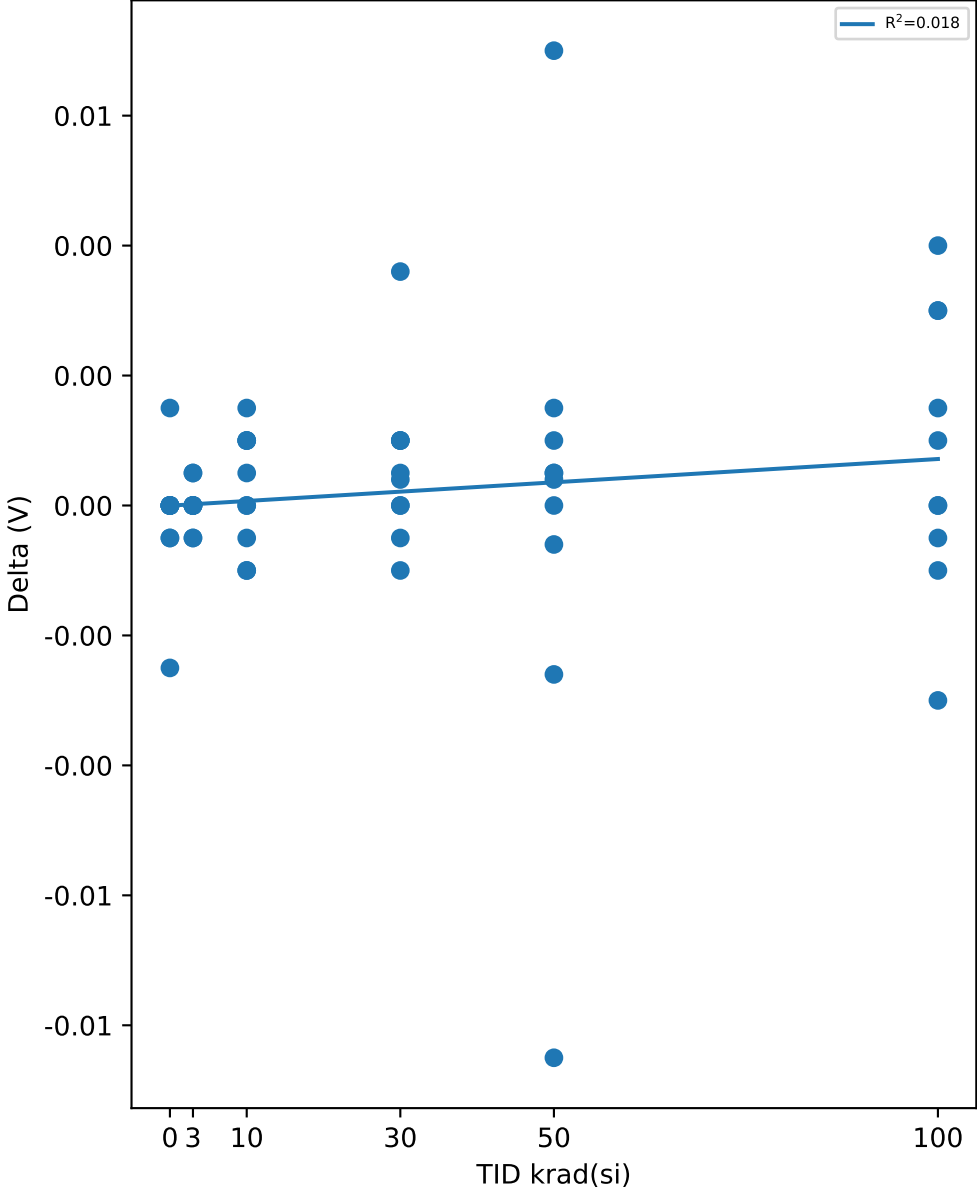
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60158	0.6038	0.0017152	0.5972	0.60138	0.6048	0.0027626	-0.002	-0.0002	0.001	0.0010954
3	0.5942	0.60029	0.6083	0.0045327	0.5937	0.60034	0.6083	0.0046636	-0.0005	5e-05	0.0005	0.00036893
10	0.5957	0.60332	0.6128	0.005183	0.5947	0.60372	0.6133	0.0054814	-0.001	0.0004	0.0015	0.00080966
30	0.5962	0.60512	0.6148	0.0063004	0.5977	0.60577	0.6148	0.0058994	-0.0005	0.00065	0.003	0.0010014
50	0.5942	0.60147	0.6098	0.0054185	0.5927	0.60156	0.6108	0.0056319	-0.0081	9e-05	0.0071	0.0037171
100	0.5887	0.59994	0.6113	0.0059672	0.5932	0.601	0.6083	0.0048603	-0.003	0.00106	0.0045	0.0022142

Device Test: 16.6 THRESHOLD|FALL/FAULT/5////@FAULT_VTH_FALLING

TID vs Result Stats



TID vs Post - Pre Exposure Delta



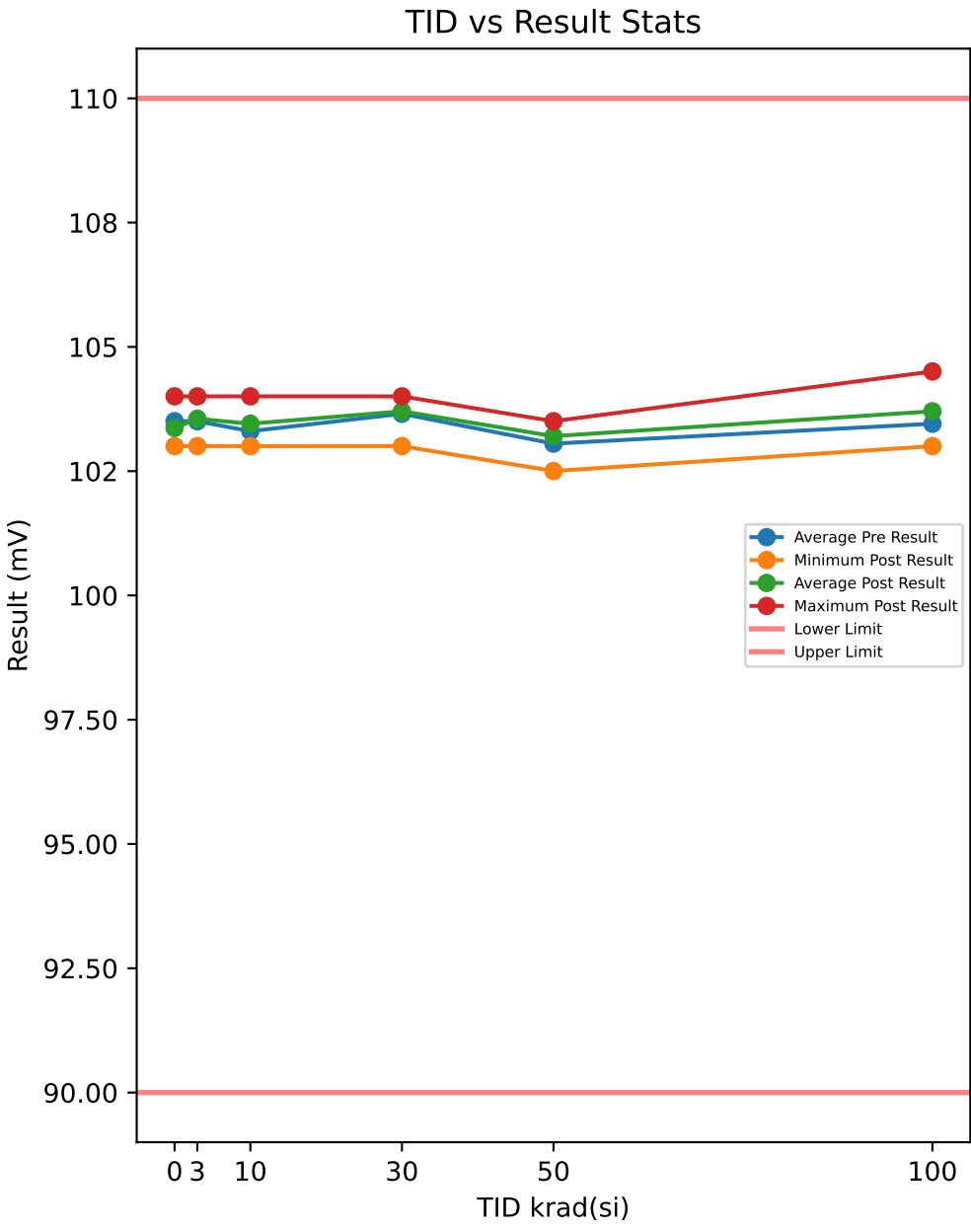
Test Results (Lower Limit = 0.455, Upper Limit = 0.535 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4998	0.5013	0.0015
516	0	CORRELATION	0.4962	0.4937	-0.0025
721	0	CORRELATION	0.4977	0.4977	0
723	0	CORRELATION	0.4987	0.4987	0
729	0	CORRELATION	0.4977	0.4972	-0.0005
1000	3	Unbiased	0.4952	0.4952	0
1001	3	Unbiased	0.4947	0.4947	0
1002	3	Unbiased	0.4952	0.4952	0
1003	3	Unbiased	0.4907	0.4902	-0.0005
1004	3	Unbiased	0.4927	0.4932	0.0005
1005	3	Biased	0.4927	0.4927	0
1006	3	Biased	0.4977	0.4982	0.0005
1007	3	Biased	0.5048	0.5043	-0.0005
1008	3	Biased	0.5018	0.5018	0
1009	3	Biased	0.5023	0.5023	0
1010	10	Unbiased	0.4982	0.4992	0.001
1011	10	Unbiased	0.5098	0.5098	0
1012	10	Unbiased	0.4947	0.4957	0.001
1013	10	Unbiased	0.5048	0.5063	0.0015
1014	10	Unbiased	0.5028	0.5028	0
1015	10	Biased	0.4957	0.4962	0.0005
1016	10	Biased	0.4922	0.4912	-0.001
1017	10	Biased	0.5013	0.5008	-0.0005
1018	10	Biased	0.4998	0.5008	0.001
1019	10	Biased	0.5008	0.4998	-0.001
1020	30	Unbiased	0.4998	0.5002	0.0004
1021	30	Unbiased	0.4937	0.4942	0.0005
1022	30	Unbiased	0.4927	0.4937	0.001
1023	30	Unbiased	0.5063	0.5058	-0.0005
1024	30	Unbiased	0.5053	0.5063	0.001
1025	30	Biased	0.5088	0.5078	-0.001
1026	30	Biased	0.5008	0.5018	0.001
1027	30	Biased	0.4992	0.5028	0.0036
1028	30	Biased	0.5113	0.5113	0
1029	30	Biased	0.4967	0.4967	0
1030	50	Unbiased	0.4998	0.5002	0.0004
1031	50	Unbiased	0.5068	0.5073	0.0005
1032	50	Unbiased	0.4998	0.4972	-0.0026
1033	50	Unbiased	0.4942	0.4957	0.0015
1034	50	Unbiased	0.4998	0.4992	-0.0006
1035	50	Biased-84Hr-Anneal	0.5068	0.5068	0
1036	50	Biased-84Hr-Anneal	0.4967	0.4972	0.0005
1037	50	Biased-84Hr-Anneal	0.4917	0.4927	0.001
1038	50	Biased-84Hr-Anneal	0.4977	0.4892	-0.0085
1039	50	Biased-84Hr-Anneal	0.4907	0.4977	0.007
1040	100	Unbiased-168Hr-Anneal	0.4967	0.4957	-0.001
1041	100	Unbiased-168Hr-Anneal	0.4942	0.4937	-0.0005
1042	100	Unbiased-168Hr-Anneal	0.4998	0.5013	0.0015
1043	100	Unbiased-168Hr-Anneal	0.5073	0.5043	-0.003
1044	100	Unbiased-168Hr-Anneal	0.4947	0.4947	0
1045	100	Biased-168Hr-Anneal	0.4927	0.4927	0
1046	100	Biased-168Hr-Anneal	0.4942	0.4972	0.003
1047	100	Biased-168Hr-Anneal	0.4857	0.4897	0.004
1048	100	Biased-168Hr-Anneal	0.4998	0.5028	0.003
1049	100	Biased-168Hr-Anneal	0.4998	0.5008	0.001

Test Statistics (V)

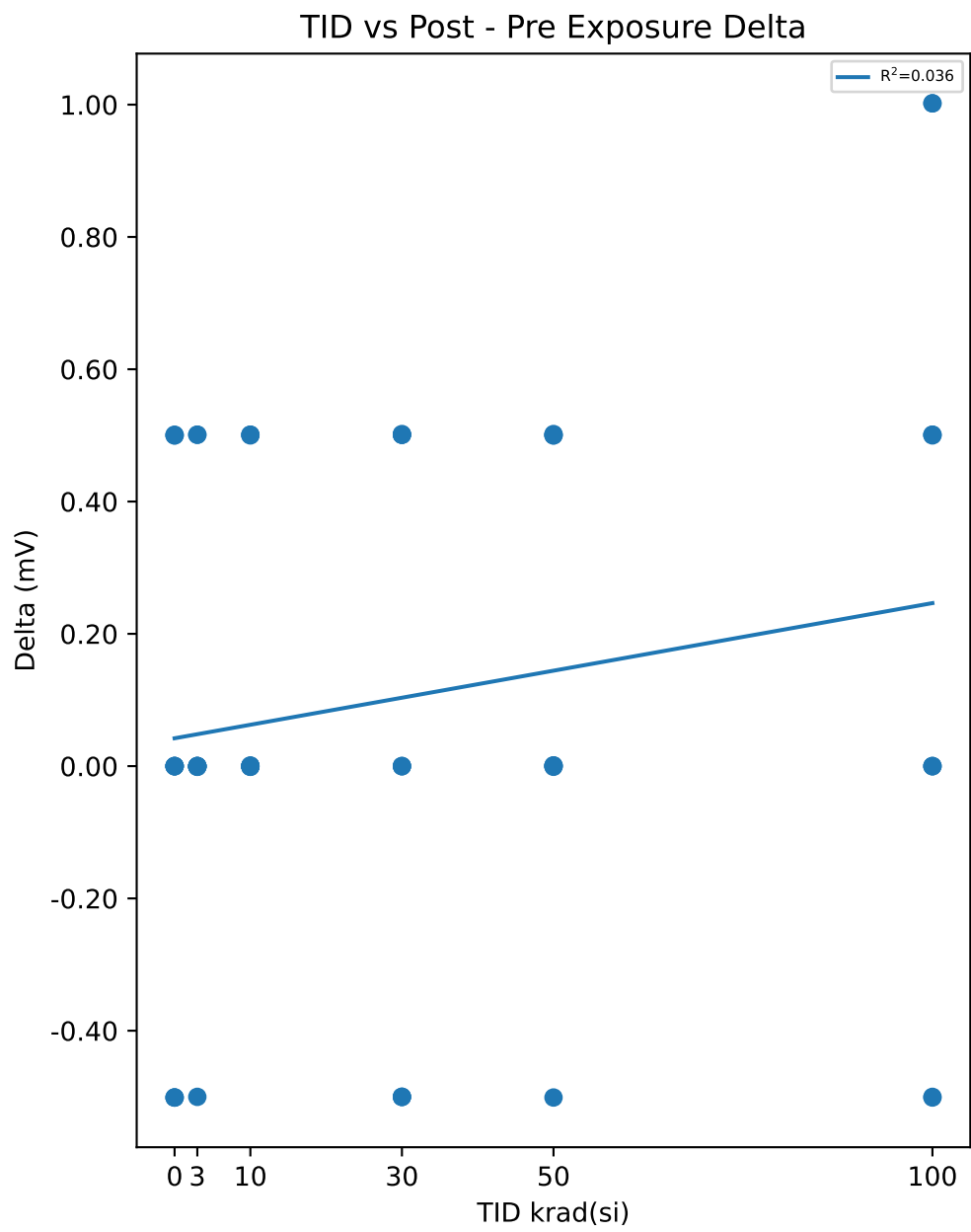
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4962	0.49802	0.4998	0.0013368	0.4937	0.49772	0.5013	0.0027481	-0.0025	-0.0003	0.0015	0.0014405
3	0.4907	0.49678	0.5048	0.0047189	0.4902	0.49678	0.5043	0.0046704	-0.0005	-5.5511e-18	0.0005	0.00033333
10	0.4922	0.50001	0.5098	0.0051634	0.4912	0.50026	0.5098	0.0053252	-0.001	0.00025	0.0015	0.00088976
30	0.4927	0.50146	0.5113	0.0062962	0.4937	0.50206	0.5113	0.0059139	-0.001	0.0006	0.0036	0.0012481
50	0.4907	0.4984	0.5068	0.0054995	0.4892	0.49832	0.5073	0.0055914	-0.0085	-8e-05	0.007	0.0038328
100	0.4857	0.49649	0.5073	0.0057179	0.4897	0.49729	0.5043	0.0048156	-0.003	0.0008	0.004	0.002137

Device Test: 16.7 THRESHOLD|HYST/FAULT/5////@FAULT_VTH_HYST



Test Results (Lower Limit = 90.0, Upper Limit = 110.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	104	103.5	-0.501
516	0	CORRELATION	103	103.5	0.501
721	0	CORRELATION	104	104	0
723	0	CORRELATION	103.5	103.5	0
729	0	CORRELATION	103	103.5	0.5
1000	3	Unbiased	103.5	103.5	0
1001	3	Unbiased	104	103.5	-0.5
1002	3	Unbiased	103.5	103.5	0
1003	3	Unbiased	103.5	103.5	-0.001
1004	3	Unbiased	104	104	0
1005	3	Biased	103.5	103.5	0
1006	3	Biased	103.5	103.5	-0.001
1007	3	Biased	103.5	104	0.501
1008	3	Biased	103.5	103.5	0
1009	3	Biased	102.5	103	0.501
1010	10	Unbiased	103.5	103.5	0
1011	10	Unbiased	103	103.5	0.501
1012	10	Unbiased	103	103	-0.001
1013	10	Unbiased	104	104	0
1014	10	Unbiased	103	103.5	0.501
1015	10	Biased	103	103	0.001
1016	10	Biased	103.5	103.5	-0.001
1017	10	Biased	103.5	103.5	0
1018	10	Biased	103.5	103.5	0
1019	10	Biased	103	103.5	0.5
1020	30	Unbiased	103	103.5	0.502
1021	30	Unbiased	104	104	0
1022	30	Unbiased	103.5	104	0.501
1023	30	Unbiased	103.5	104	0.501
1024	30	Unbiased	104.5	104	-0.5
1025	30	Biased	103.5	104	0.501
1026	30	Biased	103.5	103	-0.5
1027	30	Biased	104	103.5	-0.5
1028	30	Biased	103.5	103.5	0
1029	30	Biased	103.5	103.5	0
1030	50	Unbiased	103	103.5	0.502
1031	50	Unbiased	103	103.5	0.5
1032	50	Unbiased	103	103.5	0.501
1033	50	Unbiased	103	102.5	-0.501
1034	50	Unbiased	103	103	0.001
1035	50	Biased-84Hr-Anneal	103	103	0
1036	50	Biased-84Hr-Anneal	103	103	-0.001
1037	50	Biased-84Hr-Anneal	103	103	0.001
1038	50	Biased-84Hr-Anneal	103	103.5	0.5
1039	50	Biased-84Hr-Anneal	103.5	103.5	0
1040	100	Unbiased-168Hr-Anneal	102.5	103	0.5
1041	100	Unbiased-168Hr-Anneal	103.5	104.51	1.002
1042	100	Unbiased-168Hr-Anneal	104	104	0
1043	100	Unbiased-168Hr-Anneal	104	104	0
1044	100	Unbiased-168Hr-Anneal	103.5	103	-0.501
1045	100	Biased-168Hr-Anneal	103.5	104.51	1.002
1046	100	Biased-168Hr-Anneal	103.5	103.5	0
1047	100	Biased-168Hr-Anneal	103	103.5	0.501
1048	100	Biased-168Hr-Anneal	103.5	104	0.501
1049	100	Biased-168Hr-Anneal	103.5	103	-0.5

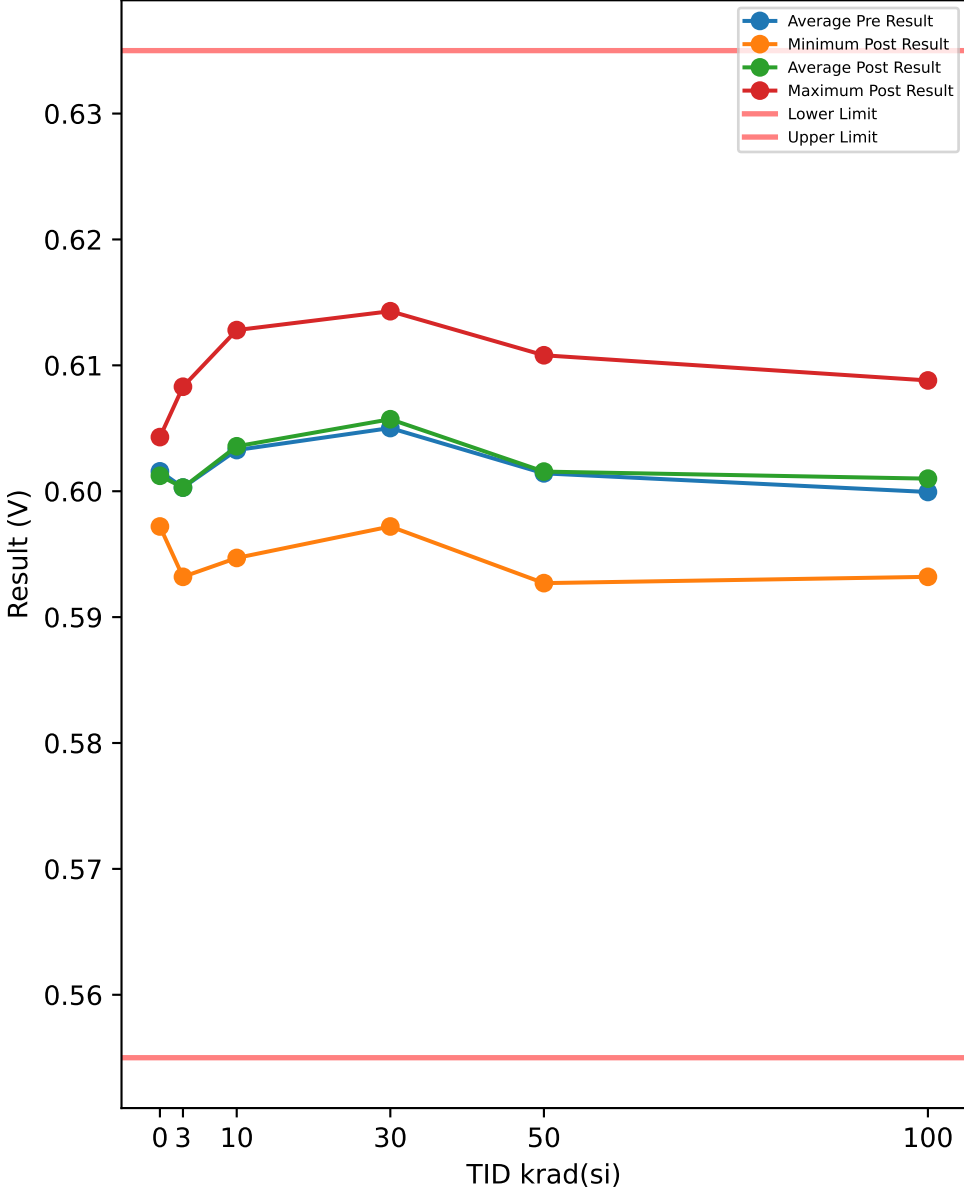


Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	103	103.5	104	0.5005	103.5	103.6	104	0.22383	-0.501	0.1	0.501	0.41893
3	102.5	103.5	104	0.40879	103	103.55	104	0.28414	-0.5	0.05	0.501	0.28422
10	103	103.3	104	0.34998	103	103.45	104	0.28425	-0.001	0.1501	0.501	0.24191
30	103	103.65	104.5	0.41223	103	103.7	104	0.34995	-0.5	0.0505	0.502	0.43837
50	103	103.05	103.5	0.15857	102.5	103.2	103.5	0.35008	-0.501	0.1503	0.502	0.33799
100	102.5	103.45	104	0.43833	103	103.7	104.51	0.58776	-0.501	0.2505	1.002	0.54094

Device Test: 16.9 THRESHOLD|RISE/FAULT/12////@FAULT_VTH_RISING

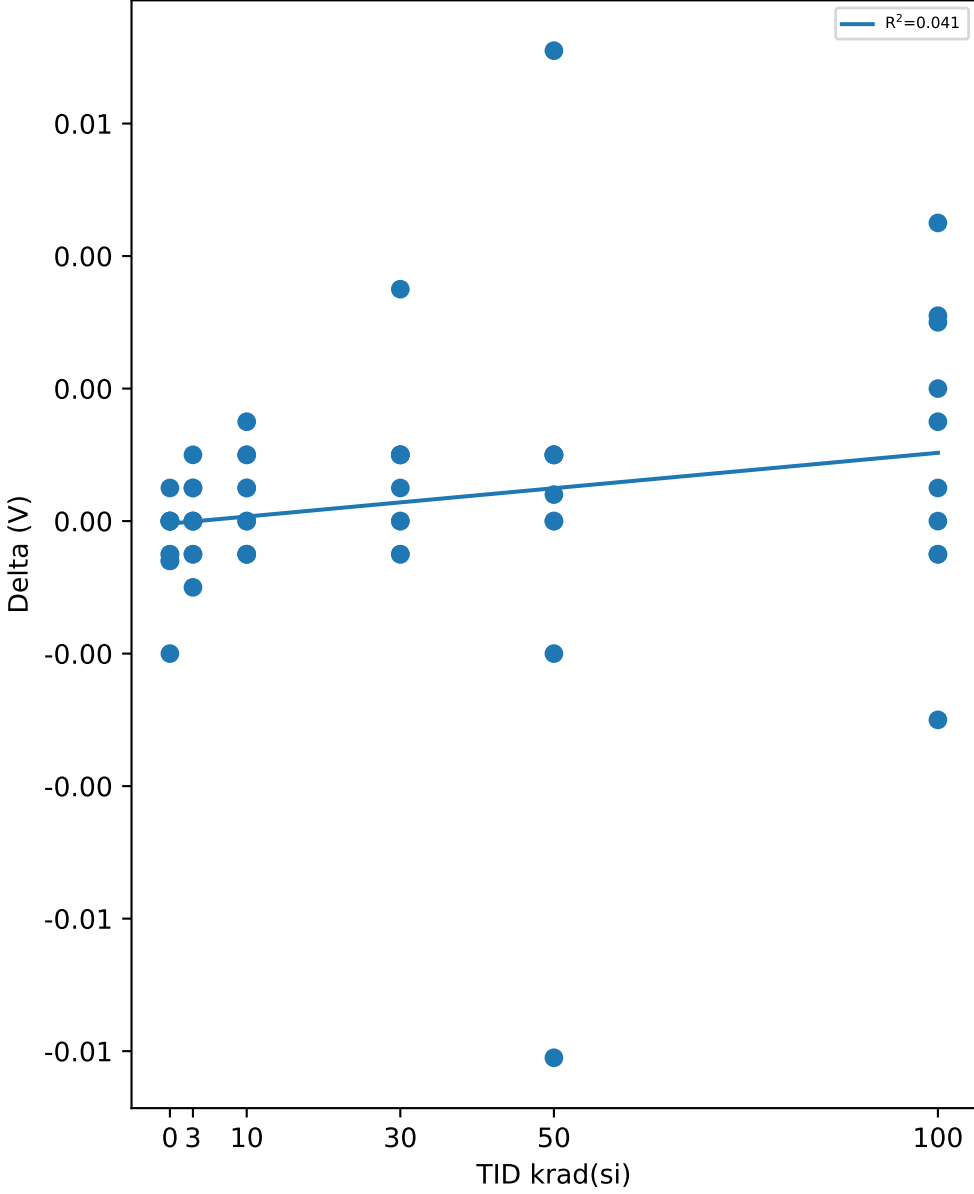
TID vs Result Stats



Test Results (Lower Limit = 0.555, Upper Limit = 0.635 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6038	0.6043	0.0005
516	0	CORRELATION	0.5992	0.5972	-0.002
721	0	CORRELATION	0.6018	0.6018	0
723	0	CORRELATION	0.6023	0.6023	0
729	0	CORRELATION	0.6008	0.6008	0
1000	3	Unbiased	0.5987	0.5987	0
1001	3	Unbiased	0.5987	0.5982	-0.0005
1002	3	Unbiased	0.5987	0.5987	0
1003	3	Unbiased	0.5942	0.5932	-0.001
1004	3	Unbiased	0.5962	0.5972	0.001
1005	3	Biased	0.5967	0.5962	-0.0005
1006	3	Biased	0.6013	0.6018	0.0005
1007	3	Biased	0.6083	0.6083	0
1008	3	Biased	0.6053	0.6053	0
1009	3	Biased	0.6048	0.6053	0.0005
1010	10	Unbiased	0.6013	0.6023	0.001
1011	10	Unbiased	0.6128	0.6128	0
1012	10	Unbiased	0.5982	0.5987	0.0005
1013	10	Unbiased	0.6088	0.6103	0.0015
1014	10	Unbiased	0.6058	0.6058	0
1015	10	Biased	0.5987	0.5992	0.0005
1016	10	Biased	0.5952	0.5947	-0.0005
1017	10	Biased	0.6048	0.6043	-0.0005
1018	10	Biased	0.6033	0.6043	0.001
1019	10	Biased	0.6038	0.6033	-0.0005
1020	30	Unbiased	0.6028	0.6038	0.001
1021	30	Unbiased	0.5977	0.5982	0.0005
1022	30	Unbiased	0.5962	0.5972	0.001
1023	30	Unbiased	0.6098	0.6098	0
1024	30	Unbiased	0.6093	0.6103	0.001
1025	30	Biased	0.6123	0.6118	-0.0005
1026	30	Biased	0.6043	0.6053	0.001
1027	30	Biased	0.6028	0.6063	0.0035
1028	30	Biased	0.6148	0.6143	-0.0005
1029	30	Biased	0.6002	0.6002	0
1030	50	Unbiased	0.6028	0.6038	0.001
1031	50	Unbiased	0.6098	0.6108	0.001
1032	50	Unbiased	0.6028	0.6008	-0.002
1033	50	Unbiased	0.5972	0.5982	0.001
1034	50	Unbiased	0.6023	0.6023	0
1035	50	Biased-84Hr-Anneal	0.6098	0.6098	0
1036	50	Biased-84Hr-Anneal	0.5998	0.6002	0.0004
1037	50	Biased-84Hr-Anneal	0.5947	0.5957	0.001
1038	50	Biased-84Hr-Anneal	0.6008	0.5927	-0.0081
1039	50	Biased-84Hr-Anneal	0.5942	0.6013	0.0071
1040	100	Unbiased-168Hr-Anneal	0.5992	0.5987	-0.0005
1041	100	Unbiased-168Hr-Anneal	0.5977	0.5977	0
1042	100	Unbiased-168Hr-Anneal	0.6033	0.6053	0.002
1043	100	Unbiased-168Hr-Anneal	0.6118	0.6088	-0.003
1044	100	Unbiased-168Hr-Anneal	0.5982	0.5977	-0.0005
1045	100	Biased-168Hr-Anneal	0.5962	0.5967	0.0005
1046	100	Biased-168Hr-Anneal	0.5977	0.6008	0.0031
1047	100	Biased-168Hr-Anneal	0.5887	0.5932	0.0045
1048	100	Biased-168Hr-Anneal	0.6038	0.6068	0.003
1049	100	Biased-168Hr-Anneal	0.6028	0.6043	0.0015

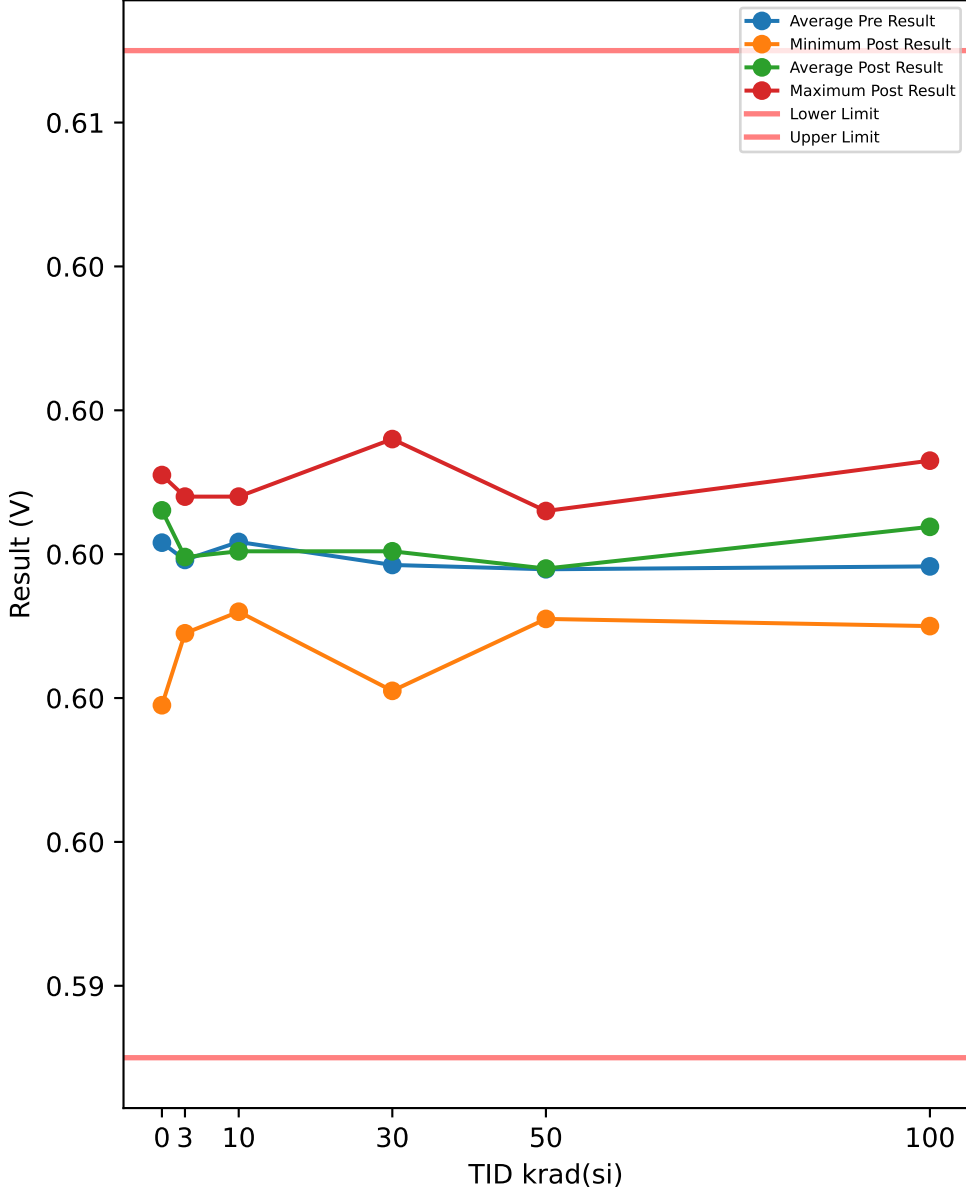
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60158	0.6038	0.0017152	0.5972	0.60128	0.6043	0.0026129	-0.002	-0.0003	0.0005	0.00097468
3	0.5942	0.60029	0.6083	0.0045327	0.5932	0.60029	0.6083	0.0047447	-0.001	-1.1102e-17	0.001	0.00057735
10	0.5952	0.60327	0.6128	0.0052284	0.5947	0.60357	0.6128	0.0053717	-0.0005	0.0003	0.0015	0.00071492
30	0.5962	0.60502	0.6148	0.0062787	0.5972	0.60572	0.6143	0.005888	-0.0005	0.0007	0.0035	0.0011595
50	0.5942	0.60142	0.6098	0.0054072	0.5927	0.60156	0.6108	0.0056319	-0.0081	0.00014	0.0071	0.0037116
100	0.5887	0.59994	0.6118	0.0060458	0.5932	0.601	0.6088	0.0050585	-0.003	0.00106	0.0045	0.0022016

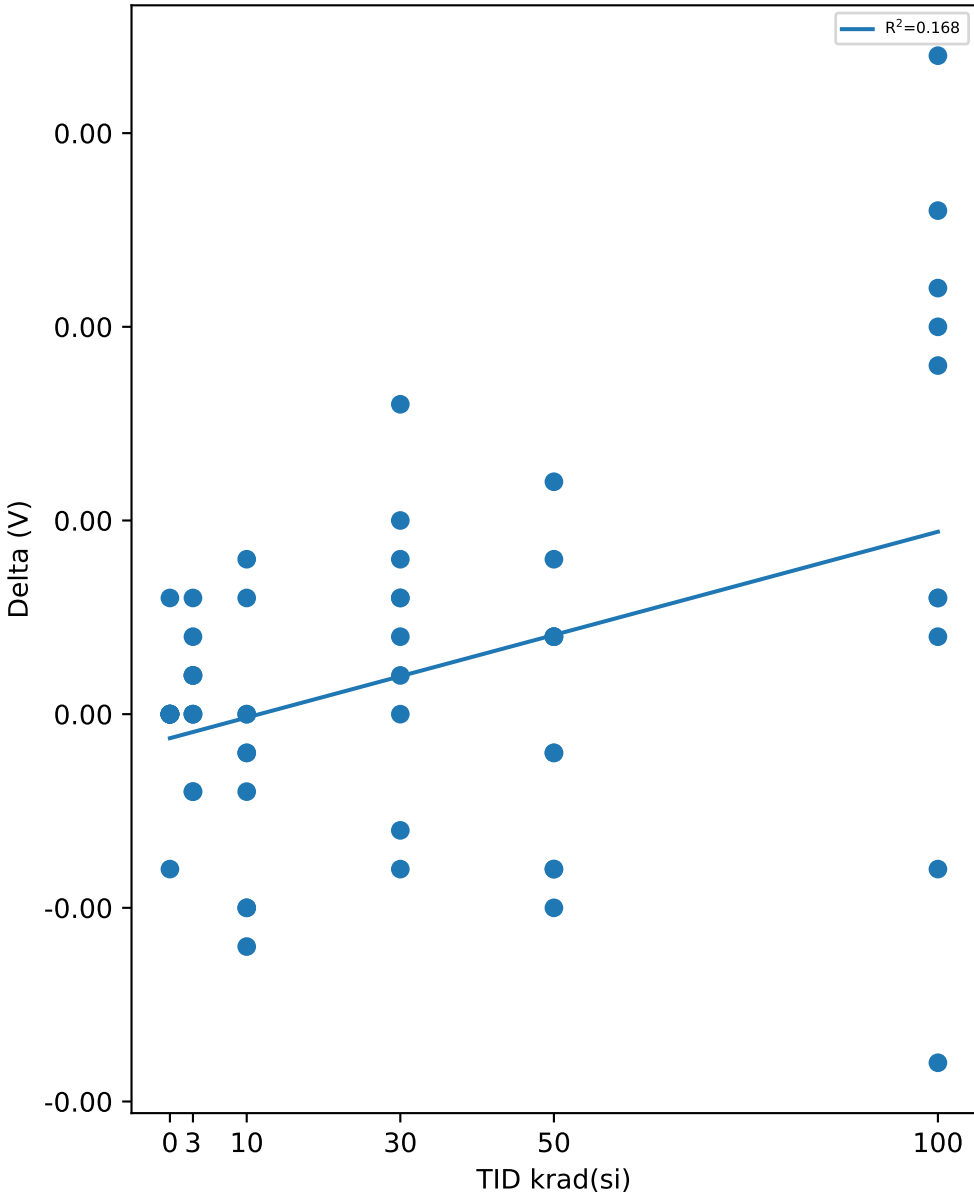
TID vs Result Stats



Test Results (Lower Limit = 0.593, Upper Limit = 0.607 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5983	0.5979	-0.0004
516	0	CORRELATION	0.6003	0.6006	0.0003
721	0	CORRELATION	0.6002	0.6002	0
723	0	CORRELATION	0.6011	0.6011	0
729	0	CORRELATION	0.6009	0.6009	0
1000	3	Unbiased	0.5993	0.5993	0
1001	3	Unbiased	0.6001	0.6002	0.0001
1002	3	Unbiased	0.6008	0.6008	0
1003	3	Unbiased	0.6001	0.5999	-0.0002
1004	3	Unbiased	0.6002	0.6	-0.0002
1005	3	Biased	0.5995	0.5995	0
1006	3	Biased	0.5995	0.5996	0.0001
1007	3	Biased	0.6005	0.6007	0.0002
1008	3	Biased	0.6004	0.6007	0.0003
1009	3	Biased	0.5988	0.5989	0.0001
1010	10	Unbiased	0.6003	0.6006	0.0003
1011	10	Unbiased	0.6013	0.6008	-0.0005
1012	10	Unbiased	0.5999	0.5994	-0.0005
1013	10	Unbiased	0.5997	0.6001	0.0004
1014	10	Unbiased	0.5998	0.5997	-0.0001
1015	10	Biased	0.6004	0.6002	-0.0002
1016	10	Biased	0.5992	0.5992	0
1017	10	Biased	0.6008	0.6002	-0.0006
1018	10	Biased	0.5998	0.5997	-0.0001
1019	10	Biased	0.6005	0.6005	0
1020	30	Unbiased	0.5987	0.5991	0.0004
1021	30	Unbiased	0.5984	0.5981	-0.0003
1022	30	Unbiased	0.6011	0.6016	0.0005
1023	30	Unbiased	0.6009	0.6009	0
1024	30	Unbiased	0.5993	0.5989	-0.0004
1025	30	Biased	0.5997	0.6005	0.0008
1026	30	Biased	0.6008	0.6009	0.0001
1027	30	Biased	0.6002	0.6004	0.0002
1028	30	Biased	0.6007	0.601	0.0003
1029	30	Biased	0.5987	0.599	0.0003
1030	50	Unbiased	0.5996	0.5998	0.0002
1031	50	Unbiased	0.6001	0.5996	-0.0005
1032	50	Unbiased	0.5993	0.5995	0.0002
1033	50	Unbiased	0.6003	0.5999	-0.0004
1034	50	Unbiased	0.6	0.5999	-0.0001
1035	50	Biased-84Hr-Anneal	0.5995	0.6001	0.0006
1036	50	Biased-84Hr-Anneal	0.6002	0.6006	0.0004
1037	50	Biased-84Hr-Anneal	0.6004	0.6003	-0.0001
1038	50	Biased-84Hr-Anneal	0.5996	0.5992	-0.0004
1039	50	Biased-84Hr-Anneal	0.5989	0.5991	0.0002
1040	100	Unbiased-168Hr-Anneal	0.6003	0.6006	0.0003
1041	100	Unbiased-168Hr-Anneal	0.6002	0.5998	-0.0004
1042	100	Unbiased-168Hr-Anneal	0.6005	0.6007	0.0002
1043	100	Unbiased-168Hr-Anneal	0.599	0.6	0.001
1044	100	Unbiased-168Hr-Anneal	0.6006	0.6009	0.0003
1045	100	Biased-168Hr-Anneal	0.5999	0.599	-0.0009
1046	100	Biased-168Hr-Anneal	0.5994	0.6005	0.0011
1047	100	Biased-168Hr-Anneal	0.5992	0.6001	0.0009
1048	100	Biased-168Hr-Anneal	0.6	0.6013	0.0013
1049	100	Biased-168Hr-Anneal	0.5992	0.6009	0.0017

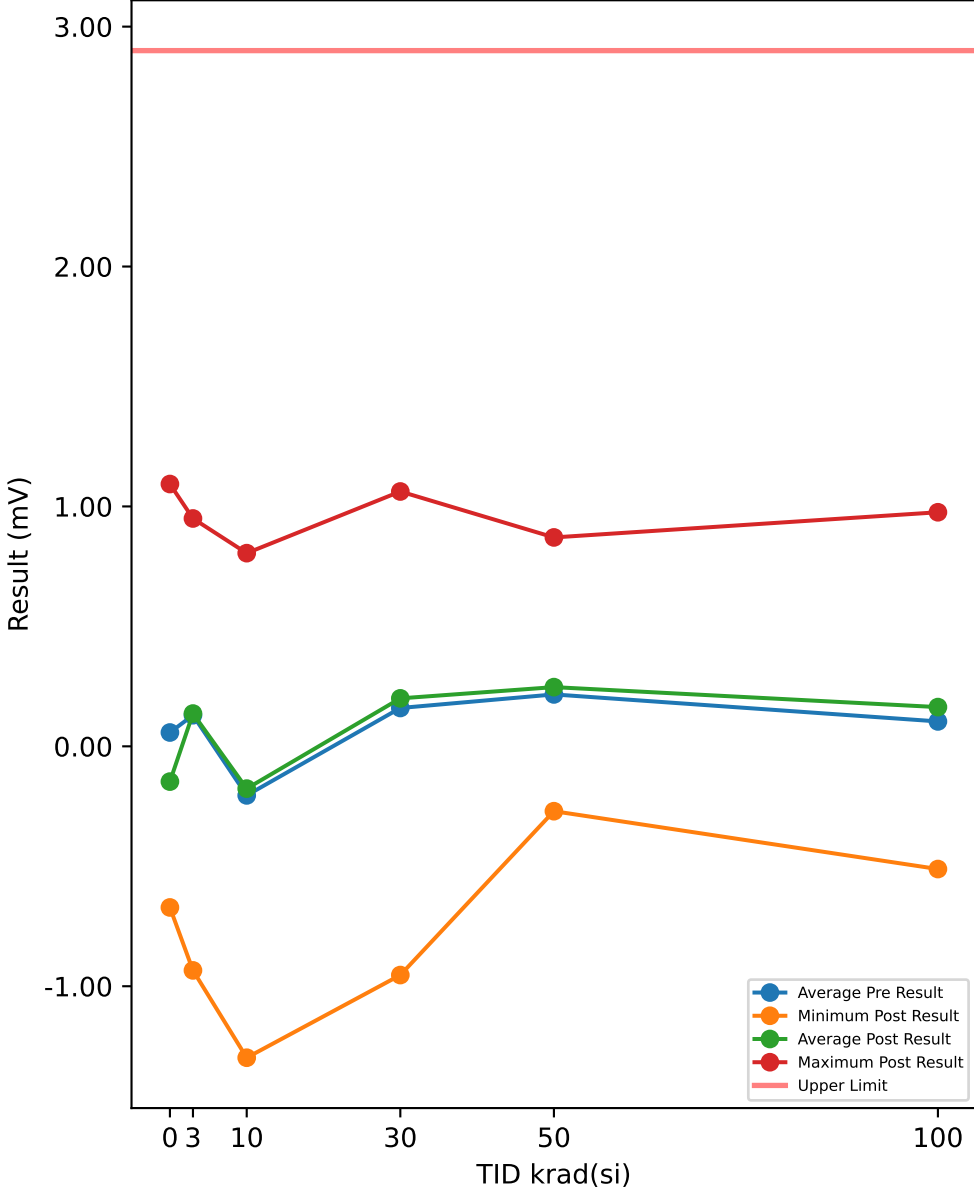
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5983	0.60016	0.6011	0.0011082	0.5979	0.60014	0.6011	0.0012973	-0.0004	-2e-05	0.0003	0.000249
3	0.5988	0.59992	0.6008	0.00062147	0.5989	0.59996	0.6008	0.0006467	-0.0002	4e-05	0.0003	0.00015776
10	0.5992	0.60017	0.6013	0.0006111	0.5992	0.60004	0.6008	0.00052747	-0.0006	-0.00013	0.0004	0.0003335
30	0.5984	0.59985	0.6011	0.0010266	0.5981	0.60004	0.6016	0.0011645	-0.0004	0.00019	0.0008	0.0003604
50	0.5989	0.59979	0.6004	0.00048637	0.5991	0.5998	0.6006	0.00046904	-0.0005	1e-05	0.0006	0.00036953
100	0.599	0.59983	0.6006	0.00058699	0.599	0.60038	0.6013	0.000668	-0.0009	0.00055	0.0017	0.00080035

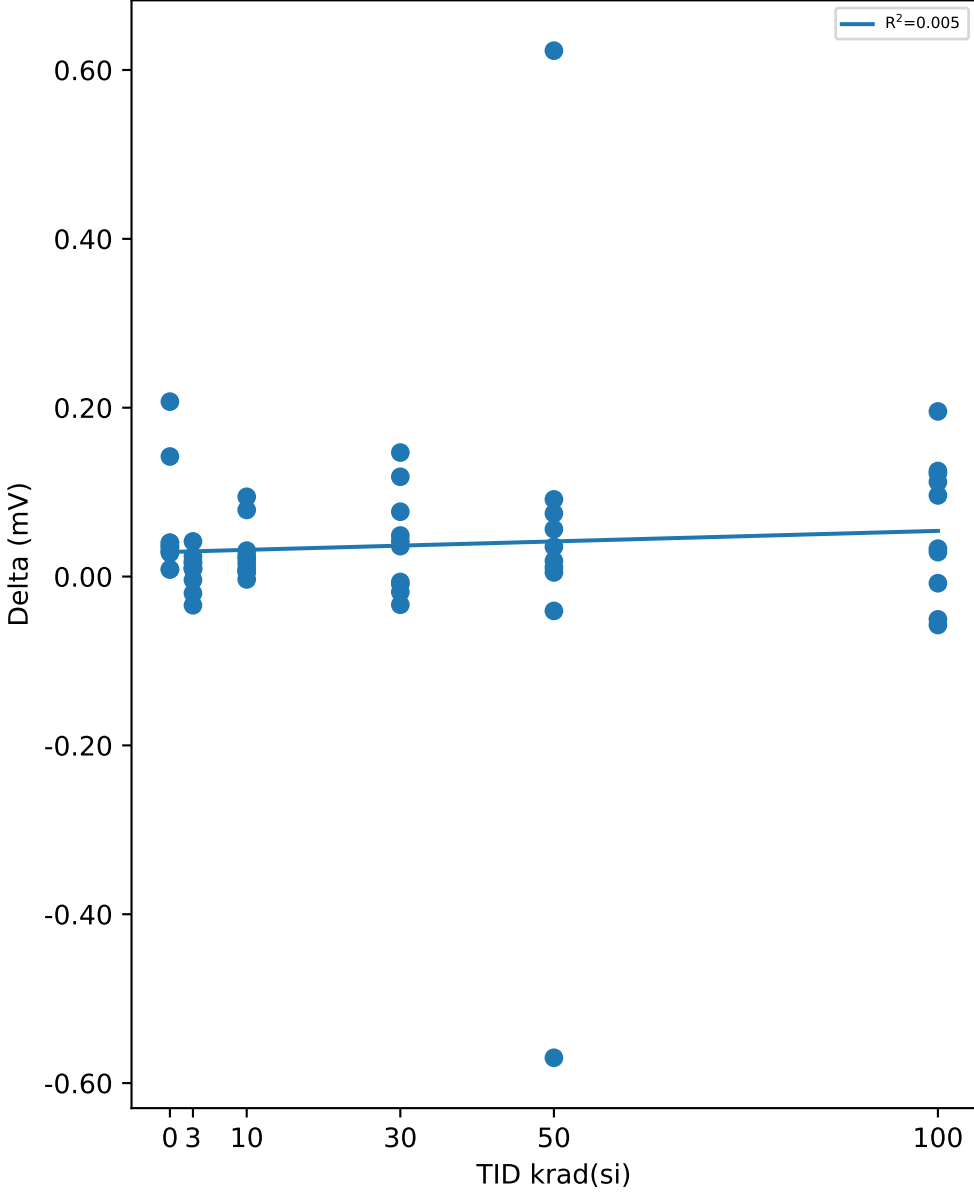
TID vs Result Stats



Test Results (Upper Limit = 2.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.8862	1.0934	0.2072
516	0	CORRELATION	0.3732	0.5154	0.1422
721	0	CORRELATION	-0.1345	-0.1066	0.0279
723	0	CORRELATION	-0.1351	-0.1266	0.0085
729	0	CORRELATION	-0.7016	-0.6664	0.0352
1000	3	Unbiased	0.8802	0.8604	-0.0198
1001	3	Unbiased	0.1534	0.1194	-0.034
1002	3	Unbiased	-0.4271	-0.4095	0.0176
1003	3	Unbiased	0.0222	0.0311	0.0089
1004	3	Unbiased	0.4577	0.4536	-0.0041
1005	3	Biased	0.1913	0.2329	0.0416
1006	3	Biased	0.94	0.9498	0.0098
1007	3	Biased	-0.5823	-0.5725	0.0098
1008	3	Biased	-0.9499	-0.934	0.0159
1009	3	Biased	0.6113	0.6353	0.024
1010	10	Unbiased	0.0477	0.0443	-0.0034
1011	10	Unbiased	-0.6314	-0.5525	0.0789
1012	10	Unbiased	0.8003	0.8052	0.0049
1013	10	Unbiased	-0.226	-0.2107	0.0153
1014	10	Unbiased	-0.4153	-0.3942	0.0211
1015	10	Biased	-0.5234	-0.5149	0.0085
1016	10	Biased	0.3915	0.3991	0.0076
1017	10	Biased	-0.1344	-0.1101	0.0243
1018	10	Biased	0.0385	0.0692	0.0307
1019	10	Biased	-1.3925	-1.298	0.0945
1020	30	Unbiased	0.8307	0.8123	-0.0184
1021	30	Unbiased	0.9154	1.0623	0.1469
1022	30	Unbiased	-0.3822	-0.4156	-0.0334
1023	30	Unbiased	-1.002	-0.9534	0.0486
1024	30	Unbiased	0.0752	0.1172	0.042
1025	30	Biased	-0.0441	0.0327	0.0768
1026	30	Biased	-0.1513	-0.0331	0.1182
1027	30	Biased	0.4913	0.4849	-0.0064
1028	30	Biased	0.045	0.036	-0.009
1029	30	Biased	0.8206	0.8566	0.036
1030	50	Unbiased	0.9115	0.8708	-0.0407
1031	50	Unbiased	-0.3057	-0.2704	0.0353
1032	50	Unbiased	-0.1841	-0.1733	0.0108
1033	50	Unbiased	0.5439	0.5488	0.0049
1034	50	Unbiased	0.1012	0.1573	0.0561
1035	50	Biased-84Hr-Anneal	-0.1006	-0.0258	0.0748
1036	50	Biased-84Hr-Anneal	0.3106	0.402	0.0914
1037	50	Biased-84Hr-Anneal	0.2904	0.309	0.0186
1038	50	Biased-84Hr-Anneal	-0.0058	0.6171	0.6229
1039	50	Biased-84Hr-Anneal	0.6024	0.0324	-0.57
1040	100	Unbiased-168Hr-Anneal	-0.6076	-0.5115	0.0961
1041	100	Unbiased-168Hr-Anneal	-0.3285	-0.1329	0.1956
1042	100	Unbiased-168Hr-Anneal	-0.0944	0.0177	0.1121
1043	100	Unbiased-168Hr-Anneal	0.3499	0.472	0.1221
1044	100	Unbiased-168Hr-Anneal	-0.0737	0.0513	0.125
1045	100	Biased-168Hr-Anneal	0.353	0.2956	-0.0574
1046	100	Biased-168Hr-Anneal	0.3782	0.3703	-0.0079
1047	100	Biased-168Hr-Anneal	0.9426	0.9757	0.0331
1048	100	Biased-168Hr-Anneal	0.1975	0.1468	-0.0507
1049	100	Biased-168Hr-Anneal	-0.0786	-0.0497	0.0289

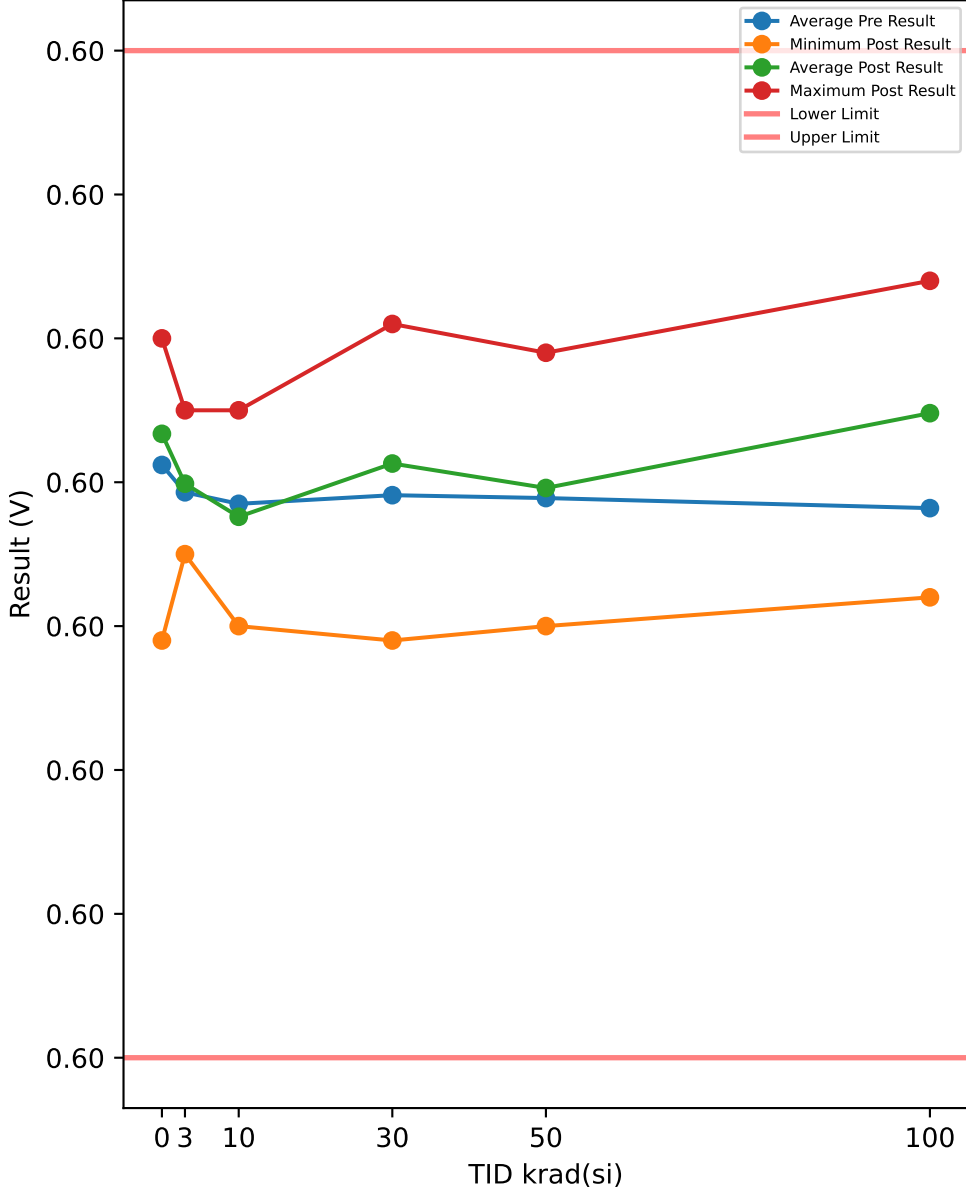
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.7016	0.05764	0.8862	0.59929	-0.6664	0.14184	1.0934	0.67677	0.0085	0.0842	0.2072	0.086305
3	-0.9499	0.12968	0.94	0.62874	-0.934	0.13665	0.9498	0.62381	-0.034	0.00697	0.0416	0.021652
10	-1.3925	-0.2045	0.8003	0.59931	-1.298	-0.17626	0.8052	0.57453	-0.0034	0.02824	0.0945	0.032589
30	-1.002	0.15986	0.9154	0.6119	-0.9534	0.19999	1.0623	0.61969	-0.0334	0.04013	0.1469	0.059947
50	-0.3057	0.21638	0.9115	0.38728	-0.2704	0.24679	0.8708	0.36787	-0.57	0.03041	0.6229	0.28366
100	-0.6076	0.10384	0.9426	0.43555	-0.5115	0.16353	0.9757	0.39974	-0.0574	0.05969	0.1956	0.083549

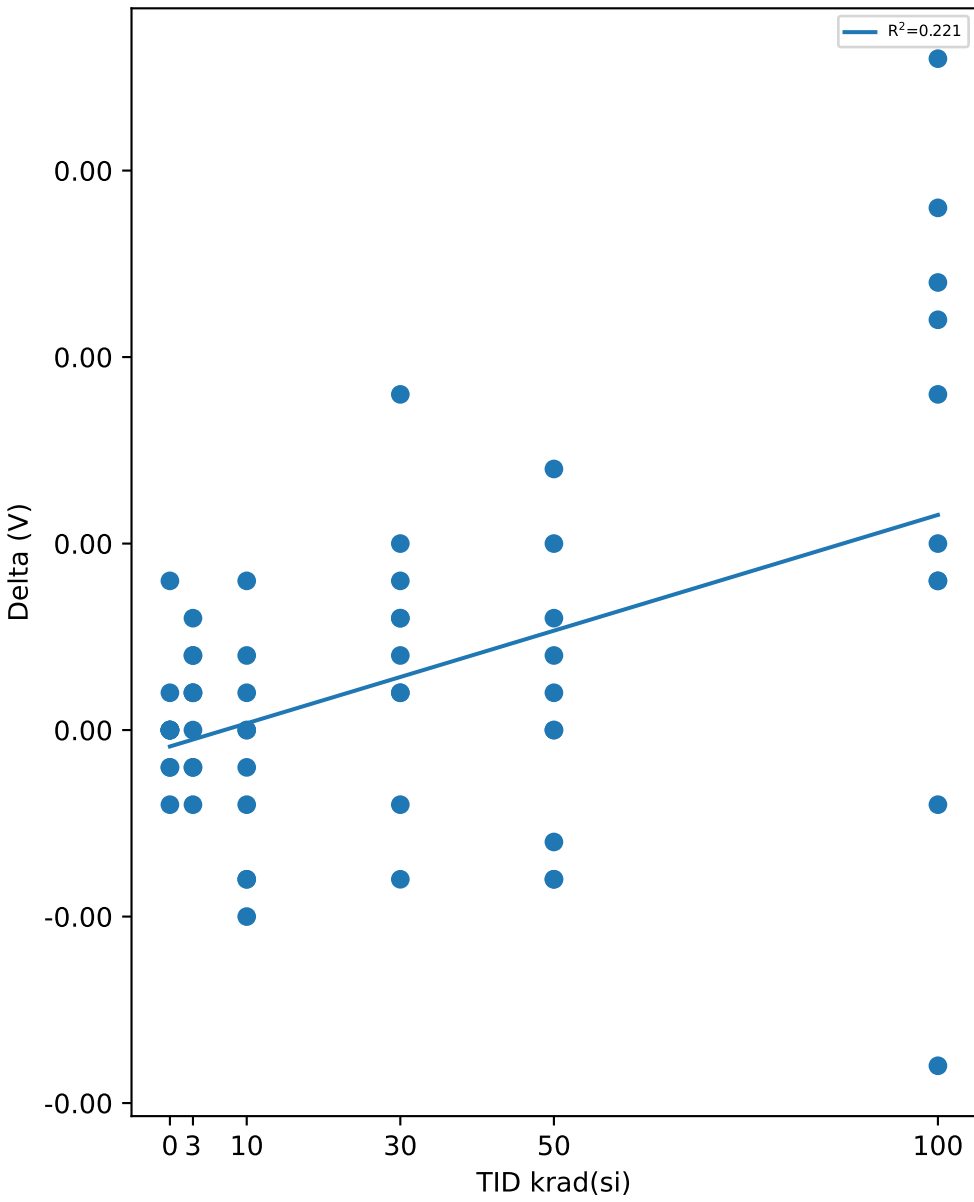
TID vs Result Stats



Test Results (Lower Limit = 0.596, Upper Limit = 0.603 (V))

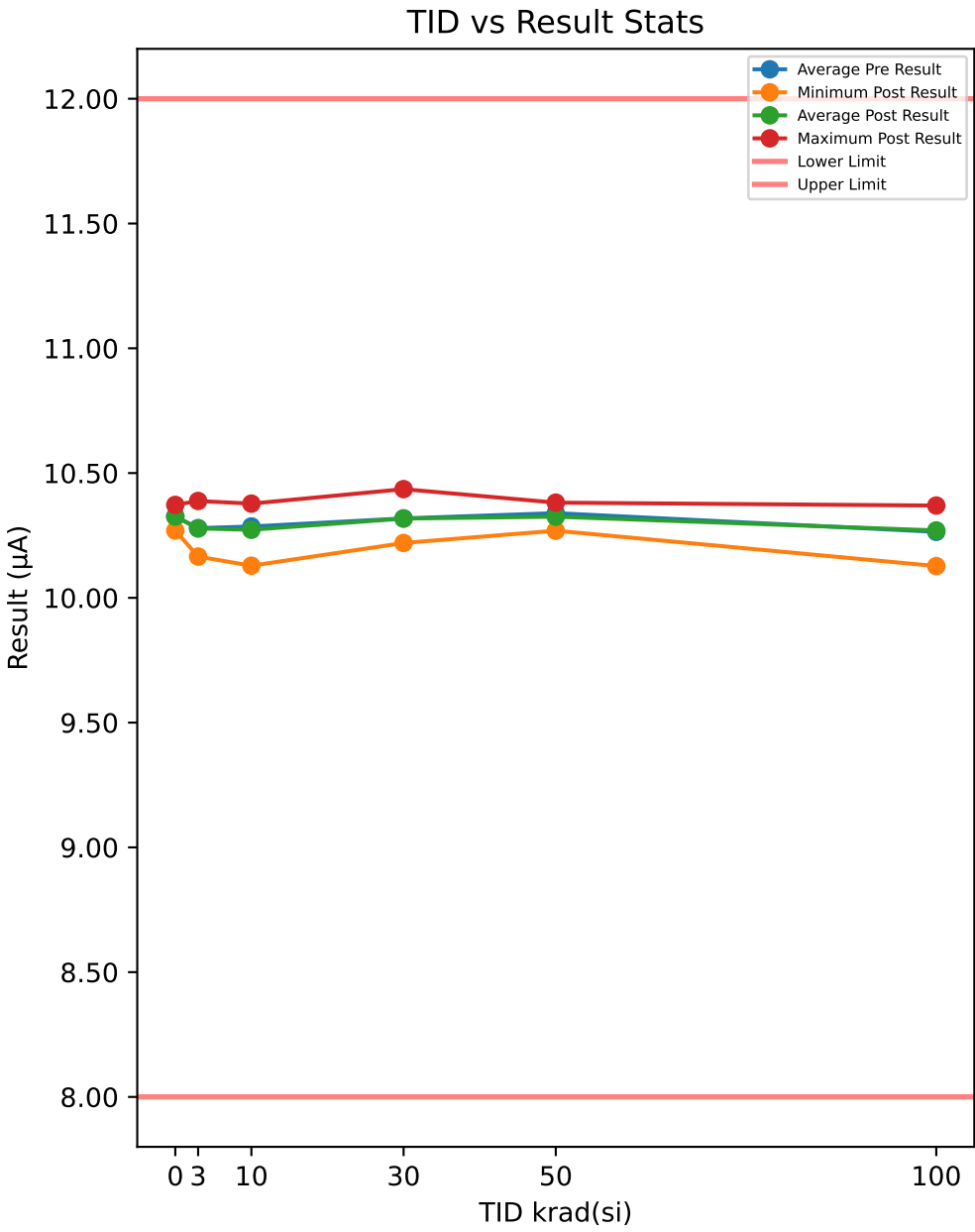
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5991	0.5989	-0.0002
516	0	CORRELATION	0.6006	0.601	0.0004
721	0	CORRELATION	0.5999	0.6	0.0001
723	0	CORRELATION	0.6009	0.6008	-0.0001
729	0	CORRELATION	0.6001	0.6001	0
1000	3	Unbiased	0.6001	0.6	-0.0001
1001	3	Unbiased	0.6001	0.6002	0.0001
1002	3	Unbiased	0.6002	0.6003	0.0001
1003	3	Unbiased	0.6	0.5998	-0.0002
1004	3	Unbiased	0.6005	0.6004	-0.0001
1005	3	Biased	0.5996	0.5996	0
1006	3	Biased	0.6003	0.6005	0.0002
1007	3	Biased	0.5999	0.6	0.0001
1008	3	Biased	0.5993	0.5996	0.0003
1009	3	Biased	0.5993	0.5995	0.0002
1010	10	Unbiased	0.6003	0.6005	0.0002
1011	10	Unbiased	0.6006	0.6001	-0.0005
1012	10	Unbiased	0.6005	0.6001	-0.0004
1013	10	Unbiased	0.5994	0.5998	0.0004
1014	10	Unbiased	0.5993	0.5992	-0.0001
1015	10	Biased	0.5998	0.5996	-0.0002
1016	10	Biased	0.5994	0.5995	0.0001
1017	10	Biased	0.6005	0.6001	-0.0004
1018	10	Biased	0.5997	0.5997	0
1019	10	Biased	0.599	0.599	0
1020	30	Unbiased	0.5995	0.5998	0.0003
1021	30	Unbiased	0.5992	0.599	-0.0002
1022	30	Unbiased	0.6006	0.6011	0.0005
1023	30	Unbiased	0.5998	0.5999	0.0001
1024	30	Unbiased	0.5993	0.5989	-0.0004
1025	30	Biased	0.5995	0.6004	0.0009
1026	30	Biased	0.6006	0.6007	0.0001
1027	30	Biased	0.6006	0.6008	0.0002
1028	30	Biased	0.6006	0.6009	0.0003
1029	30	Biased	0.5994	0.5998	0.0004
1030	50	Unbiased	0.6004	0.6005	0.0001
1031	50	Unbiased	0.5997	0.5993	-0.0004
1032	50	Unbiased	0.599	0.5993	0.0003
1033	50	Unbiased	0.6007	0.6004	-0.0003
1034	50	Unbiased	0.6	0.6	0
1035	50	Biased-84Hr-Anneal	0.5993	0.6	0.0007
1036	50	Biased-84Hr-Anneal	0.6004	0.6009	0.0005
1037	50	Biased-84Hr-Anneal	0.6005	0.6005	0
1038	50	Biased-84Hr-Anneal	0.5995	0.5997	0.0002
1039	50	Biased-84Hr-Anneal	0.5994	0.599	-0.0004
1040	100	Unbiased-168Hr-Anneal	0.5996	0.6	0.0004
1041	100	Unbiased-168Hr-Anneal	0.5998	0.5996	-0.0002
1042	100	Unbiased-168Hr-Anneal	0.6003	0.6007	0.0004
1043	100	Unbiased-168Hr-Anneal	0.5993	0.6004	0.0011
1044	100	Unbiased-168Hr-Anneal	0.6004	0.6009	0.0005
1045	100	Biased-168Hr-Anneal	0.6001	0.5992	-0.0009
1046	100	Biased-168Hr-Anneal	0.5996	0.6008	0.0012
1047	100	Biased-168Hr-Anneal	0.6001	0.601	0.0009
1048	100	Biased-168Hr-Anneal	0.6	0.6014	0.0014
1049	100	Biased-168Hr-Anneal	0.599	0.6008	0.0018

TID vs Post - Pre Exposure Delta



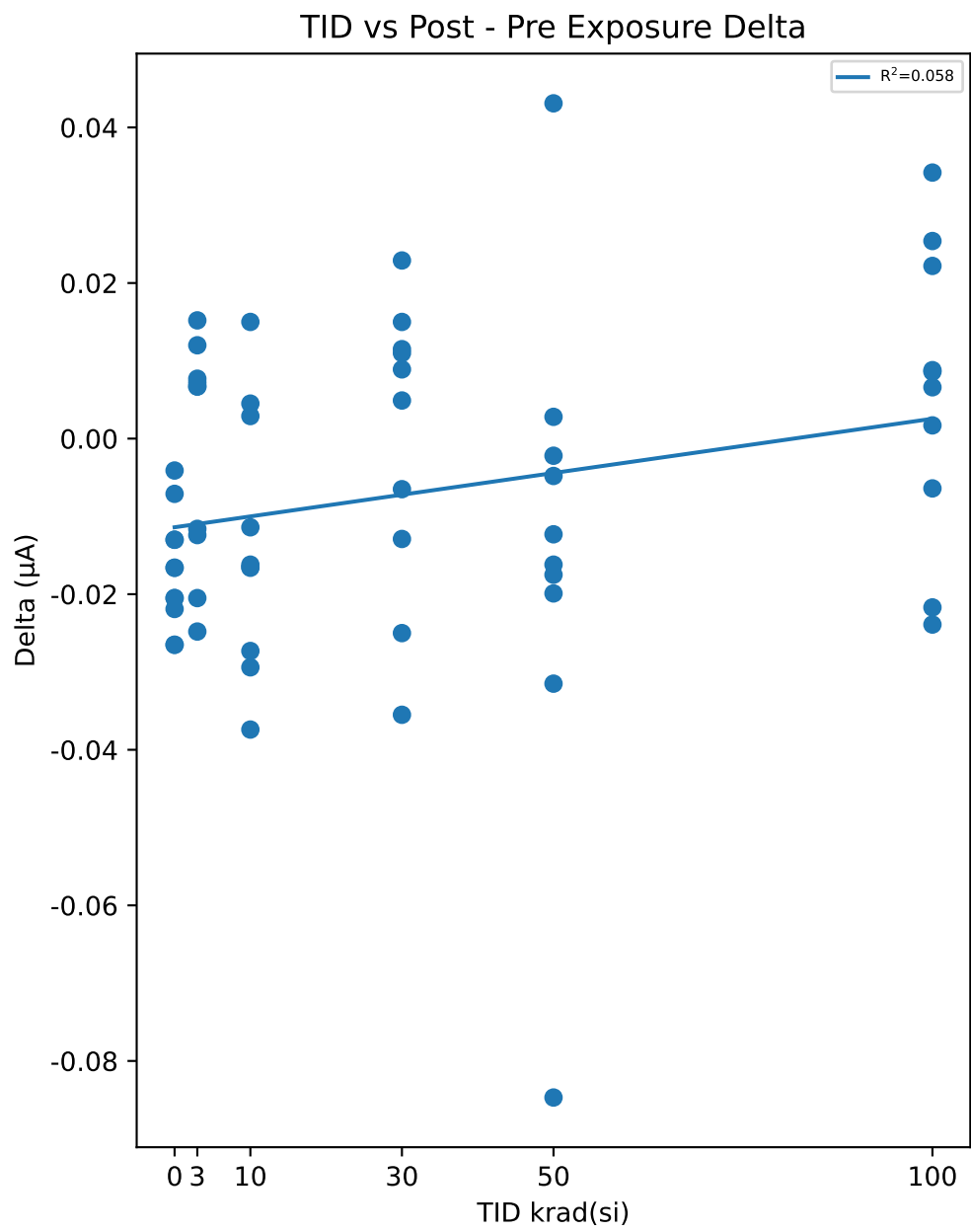
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5991	0.60012	0.6009	0.00069426	0.5989	0.60016	0.601	0.00082644	-0.0002	4e-05	0.0004	0.00023022
3	0.5993	0.59993	0.6005	0.00040838	0.5995	0.59999	0.6005	0.0003573	-0.0002	6e-05	0.0003	0.00015776
10	0.599	0.59985	0.6006	0.00058357	0.599	0.59976	0.6005	0.00045753	-0.0005	-9e-05	0.0004	0.00028848
30	0.5992	0.59991	0.6006	0.00061364	0.5989	0.60013	0.6011	0.00077753	-0.0004	0.00022	0.0009	0.00036148
50	0.599	0.59989	0.6007	0.00058963	0.599	0.59996	0.6009	0.00062574	-0.0004	7e-05	0.0007	0.00037133
100	0.599	0.59982	0.6004	0.00044672	0.5992	0.60048	0.6014	0.0006828	-0.0009	0.00066	0.0018	0.0007975



Test Results (Lower Limit = 8.0, Upper Limit = 12.0 (µA))

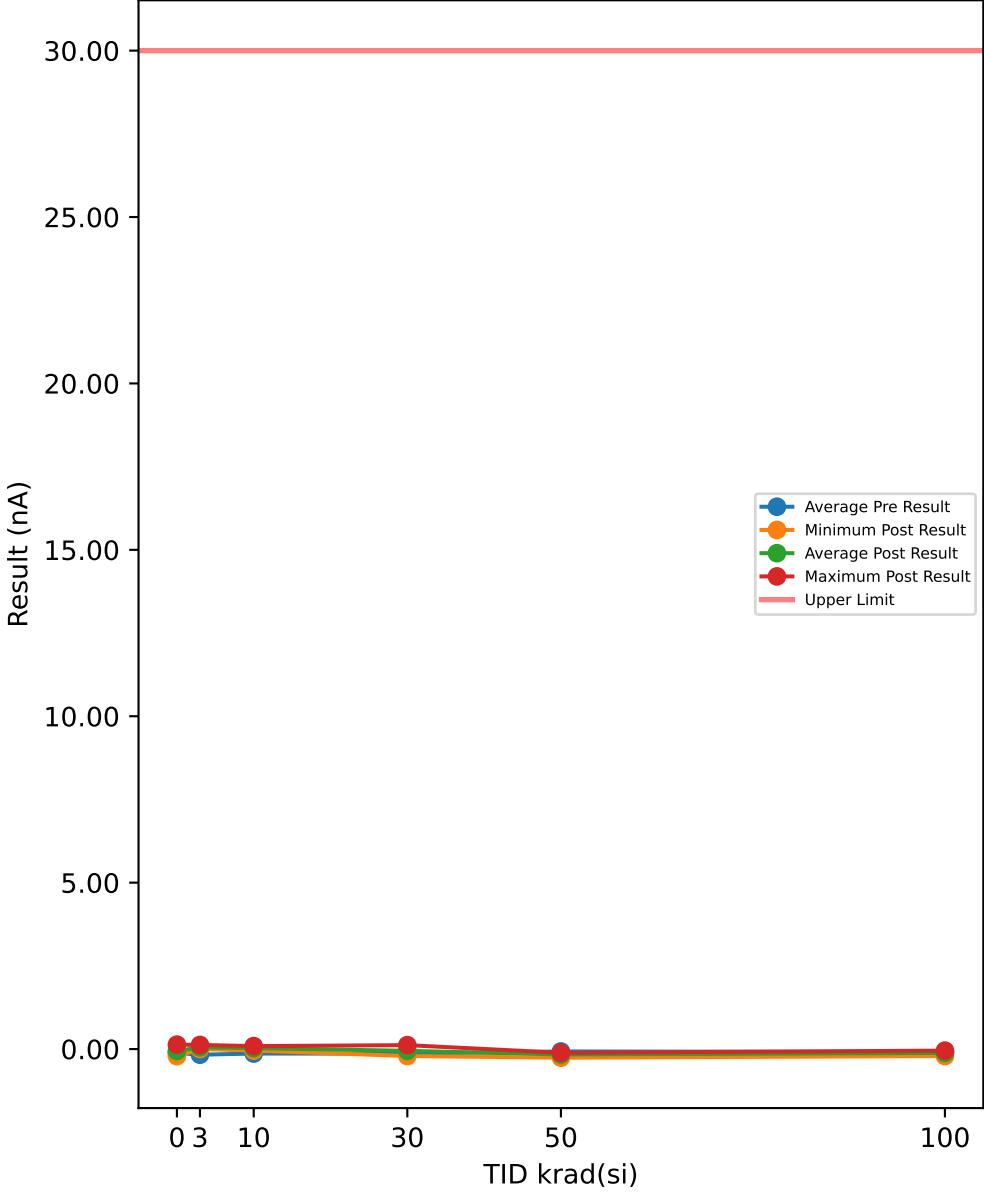
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	10.288	10.281	-0.0071
516	0	CORRELATION	10.359	10.337	-0.0219
721	0	CORRELATION	10.274	10.27	-0.0041
723	0	CORRELATION	10.389	10.363	-0.0265
729	0	CORRELATION	10.322	10.309	-0.013
1000	3	Unbiased	10.255	10.263	0.0072
1001	3	Unbiased	10.177	10.165	-0.0116
1002	3	Unbiased	10.3	10.307	0.0067
1003	3	Unbiased	10.21	10.222	0.012
1004	3	Unbiased	10.306	10.282	-0.0248
1005	3	Biased	10.283	10.27	-0.0124
1006	3	Biased	10.3	10.307	0.0067
1007	3	Biased	10.38	10.388	0.0077
1008	3	Biased	10.22	10.235	0.0152
1009	3	Biased	10.361	10.341	-0.0205
1010	10	Unbiased	10.135	10.15	0.015
1011	10	Unbiased	10.166	10.129	-0.0374
1012	10	Unbiased	10.25	10.239	-0.0114
1013	10	Unbiased	10.365	10.368	0.0029
1014	10	Unbiased	10.407	10.377	-0.0294
1015	10	Biased	10.347	10.33	-0.0166
1016	10	Biased	10.23	10.234	0.0045
1017	10	Biased	10.286	10.269	-0.0165
1018	10	Biased	10.303	10.287	-0.0162
1019	10	Biased	10.37	10.342	-0.0273
1020	30	Unbiased	10.227	10.232	0.0049
1021	30	Unbiased	10.262	10.274	0.0115
1022	30	Unbiased	10.413	10.436	0.0229
1023	30	Unbiased	10.284	10.295	0.011
1024	30	Unbiased	10.385	10.349	-0.0355
1025	30	Biased	10.311	10.326	0.015
1026	30	Biased	10.327	10.336	0.0089
1027	30	Biased	10.332	10.319	-0.0129
1028	30	Biased	10.396	10.389	-0.0065
1029	30	Biased	10.245	10.22	-0.025
1030	50	Unbiased	10.398	10.382	-0.0162
1031	50	Unbiased	10.327	10.31	-0.0175
1032	50	Unbiased	10.368	10.356	-0.0123
1033	50	Unbiased	10.374	10.354	-0.0199
1034	50	Unbiased	10.391	10.359	-0.0315
1035	50	Biased-84Hr-Anneal	10.297	10.292	-0.0048
1036	50	Biased-84Hr-Anneal	10.332	10.33	-0.0022
1037	50	Biased-84Hr-Anneal	10.283	10.286	0.0028
1038	50	Biased-84Hr-Anneal	10.354	10.269	-0.0847
1039	50	Biased-84Hr-Anneal	10.271	10.314	0.0431
1040	100	Unbiased-168Hr-Anneal	10.134	10.127	-0.0064
1041	100	Unbiased-168Hr-Anneal	10.27	10.246	-0.0239
1042	100	Unbiased-168Hr-Anneal	10.361	10.37	0.0086
1043	100	Unbiased-168Hr-Anneal	10.29	10.299	0.0088
1044	100	Unbiased-168Hr-Anneal	10.335	10.337	0.0017
1045	100	Biased-168Hr-Anneal	10.299	10.277	-0.0217
1046	100	Biased-168Hr-Anneal	10.312	10.334	0.0222
1047	100	Biased-168Hr-Anneal	10.245	10.252	0.0066
1048	100	Biased-168Hr-Anneal	10.201	10.226	0.0254
1049	100	Biased-168Hr-Anneal	10.198	10.232	0.0342



Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.274	10.326	10.389	0.048123	10.27	10.312	10.363	0.038609	-0.0265	-0.01452	-0.0041	0.0095384
3	10.177	10.279	10.38	0.064925	10.165	10.278	10.388	0.062977	-0.0248	-0.00138	0.0152	0.014455
10	10.135	10.286	10.407	0.090323	10.129	10.273	10.377	0.086161	-0.0374	-0.01324	0.015	0.016497
30	10.227	10.318	10.413	0.064686	10.22	10.318	10.436	0.066491	-0.0355	-0.00057	0.0229	0.018846
50	10.271	10.339	10.398	0.044858	10.269	10.325	10.382	0.036901	-0.0847	-0.01432	0.0431	0.031842
100	10.134	10.264	10.361	0.070313	10.127	10.27	10.37	0.070012	-0.0239	0.00555	0.0342	0.019092

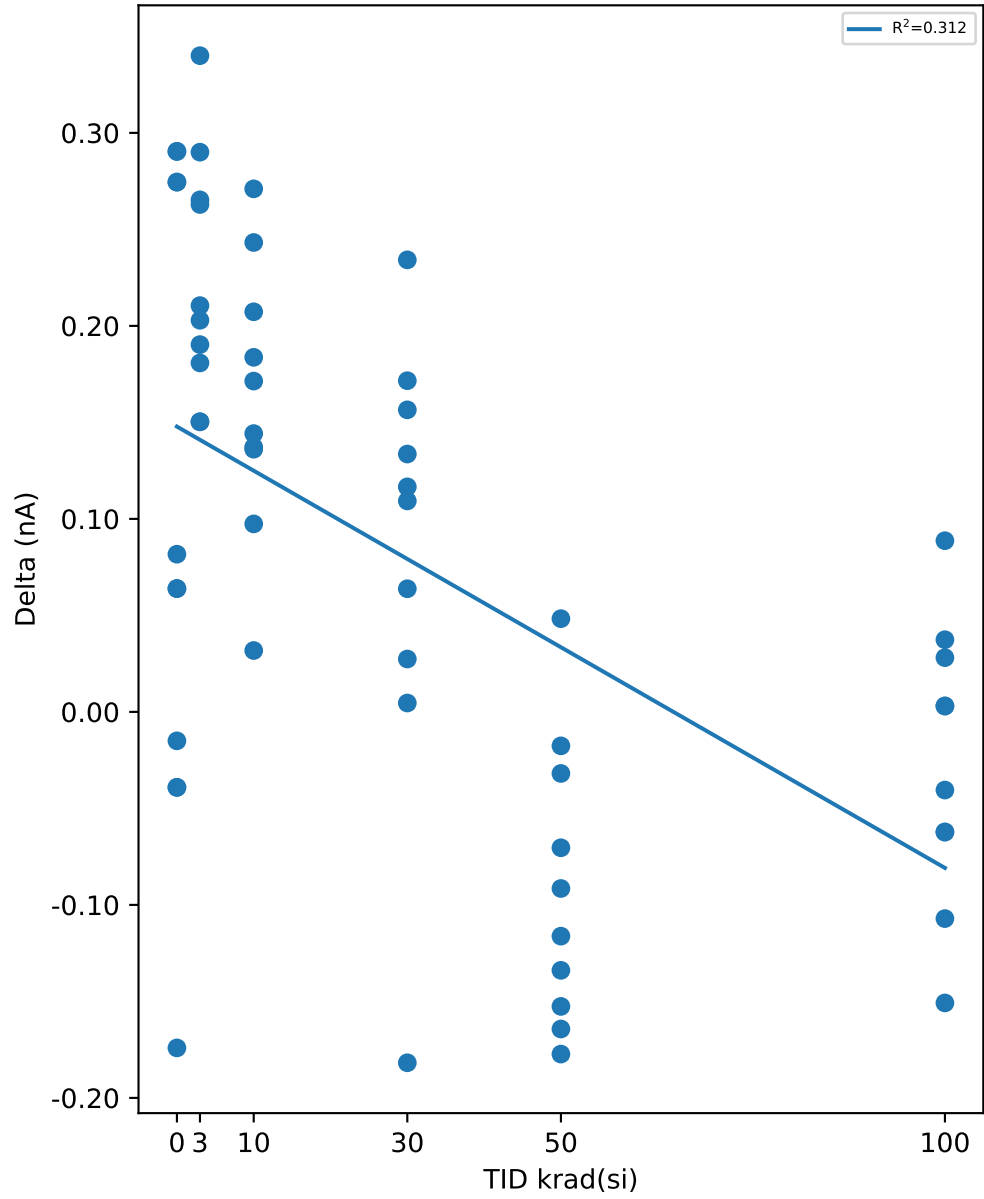
TID vs Result Stats



Test Results (Upper Limit = 30.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	-0.0381	-0.2122	-0.1741
516	0	CORRELATION	-0.123	-0.138	-0.015
721	0	CORRELATION	-0.0319	0.0498	0.0817
723	0	CORRELATION	-0.1419	0.1326	0.2745
729	0	CORRELATION	-0.2386	0.0518	0.2904
1000	3	Unbiased	-0.1068	0.0435	0.1503
1001	3	Unbiased	-0.2886	0.0014	0.29
1002	3	Unbiased	-0.1317	0.0586	0.1903
1003	3	Unbiased	-0.1511	0.0518	0.2029
1004	3	Unbiased	-0.1466	0.0639	0.2105
1005	3	Biased	-0.2168	0.1232	0.34
1006	3	Biased	-0.1317	0.0186	0.1503
1007	3	Biased	-0.2168	0.0461	0.2629
1008	3	Biased	-0.1573	0.108	0.2653
1009	3	Biased	-0.156	0.0248	0.1808
1010	10	Unbiased	-0.1542	0.0295	0.1837
1011	10	Unbiased	-0.1448	-0.0006	0.1442
1012	10	Unbiased	-0.0593	0.0768	0.1361
1013	10	Unbiased	-0.0007	0.0311	0.0318
1014	10	Unbiased	-0.2105	0.0327	0.2432
1015	10	Biased	-0.1481	0.0233	0.1714
1016	10	Biased	-0.1817	0.0893	0.271
1017	10	Biased	-0.1856	0.0217	0.2073
1018	10	Biased	-0.1448	-0.0474	0.0974
1019	10	Biased	-0.1217	0.0155	0.1372
1020	30	Unbiased	-0.1186	0.015	0.1336
1021	30	Unbiased	-0.0974	0.0591	0.1565
1022	30	Unbiased	-0.1168	0.1174	0.2342
1023	30	Unbiased	-0.0194	-0.2012	-0.1818
1024	30	Unbiased	-0.2137	-0.2091	0.0046
1025	30	Biased	-0.1074	0.0092	0.1166
1026	30	Biased	-0.06	0.1116	0.1716
1027	30	Biased	-0.2699	-0.1606	0.1093
1028	30	Biased	-0.1605	-0.0967	0.0638
1029	30	Biased	-0.2028	-0.1754	0.0274
1030	50	Unbiased	-0.0887	-0.1591	-0.0704
1031	50	Unbiased	-0.0405	-0.1567	-0.1162
1032	50	Unbiased	-0.0912	-0.1231	-0.0319
1033	50	Unbiased	-0.1887	-0.1404	0.0483
1034	50	Unbiased	-0.0512	-0.2285	-0.1773
1035	50	Biased-84Hr-Anneal	-0.1399	-0.1575	-0.0176
1036	50	Biased-84Hr-Anneal	0.0216	-0.1123	-0.1339
1037	50	Biased-84Hr-Anneal	-0.0962	-0.2605	-0.1643
1038	50	Biased-84Hr-Anneal	0.0403	-0.1123	-0.1526
1039	50	Biased-84Hr-Anneal	-0.0902	-0.1817	-0.0915
1040	100	Unbiased-168Hr-Anneal	-0.0842	-0.0468	0.0374
1041	100	Unbiased-168Hr-Anneal	-0.1511	-0.1481	0.003
1042	100	Unbiased-168Hr-Anneal	-0.1542	-0.0655	0.0887
1043	100	Unbiased-168Hr-Anneal	-0.2386	-0.2105	0.0281
1044	100	Unbiased-168Hr-Anneal	-0.1411	-0.138	0.0031
1045	100	Biased-168Hr-Anneal	0.0526	-0.0545	-0.1071
1046	100	Biased-168Hr-Anneal	-0.0733	-0.1356	-0.0623
1047	100	Biased-168Hr-Anneal	0.0807	-0.0701	-0.1508
1048	100	Biased-168Hr-Anneal	-0.1451	-0.1856	-0.0405
1049	100	Biased-168Hr-Anneal	-0.0453	-0.1075	-0.0622

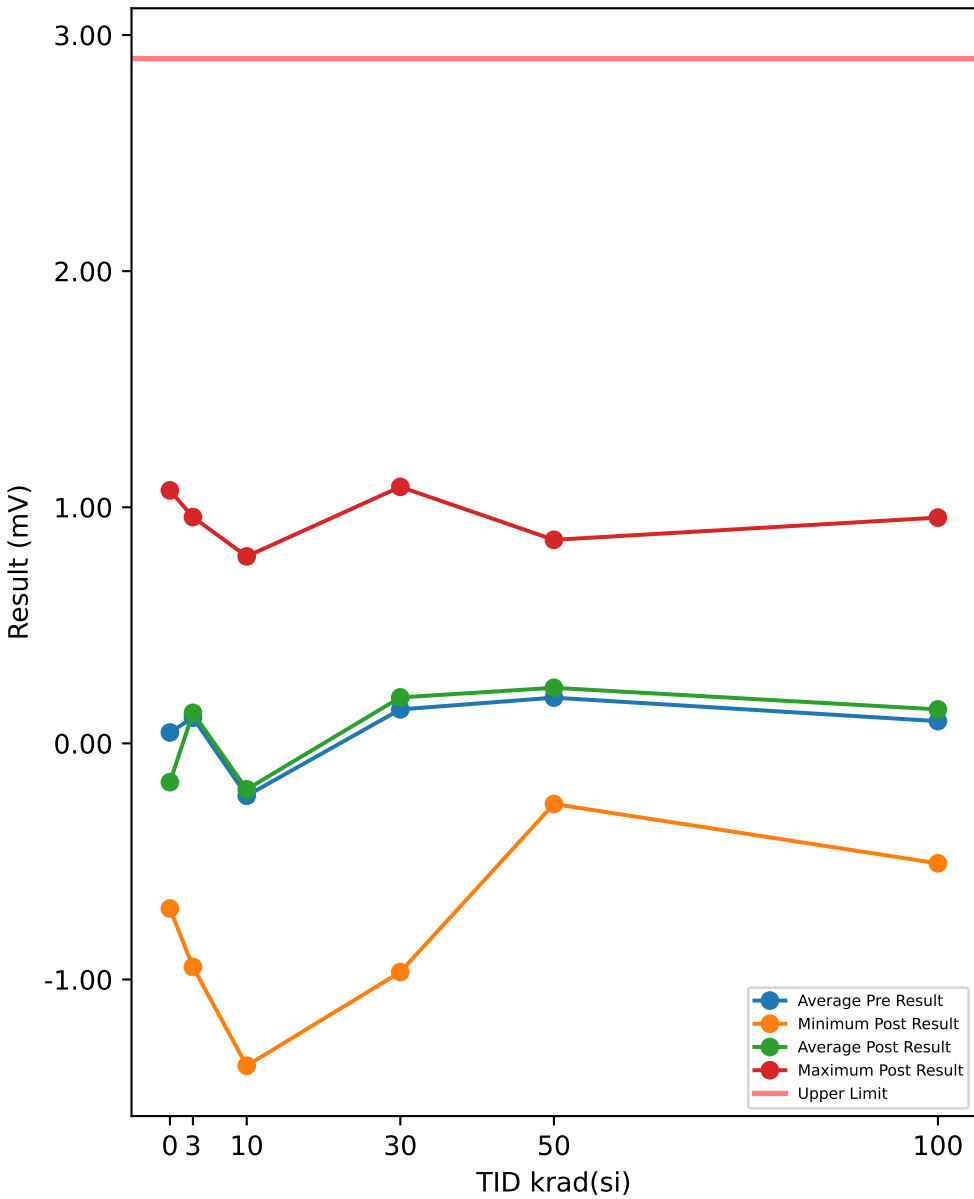
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.2386	-0.1147	-0.0319	0.084975	-0.2122	-0.0232	0.1326	0.14502	-0.1741	0.0915	0.2904	0.19687
3	-0.2886	-0.17034	-0.1068	0.054401	0.0014	0.05399	0.1232	0.037821	0.1503	0.22433	0.34	0.062825
10	-0.2105	-0.13514	-0.0007	0.062466	-0.0474	0.02719	0.0893	0.037841	0.0318	0.16233	0.271	0.069772
30	-0.2699	-0.13665	-0.0194	0.075554	-0.2091	-0.05307	0.1174	0.12995	-0.1818	0.08358	0.2342	0.11557
50	-0.1887	-0.07247	0.0403	0.06879	-0.2605	-0.16321	-0.1123	0.048847	-0.1773	-0.09074	0.0483	0.072877
100	-0.2386	-0.08996	0.0807	0.098527	-0.2105	-0.11622	-0.0468	0.056738	-0.1508	-0.02626	0.0887	0.072096

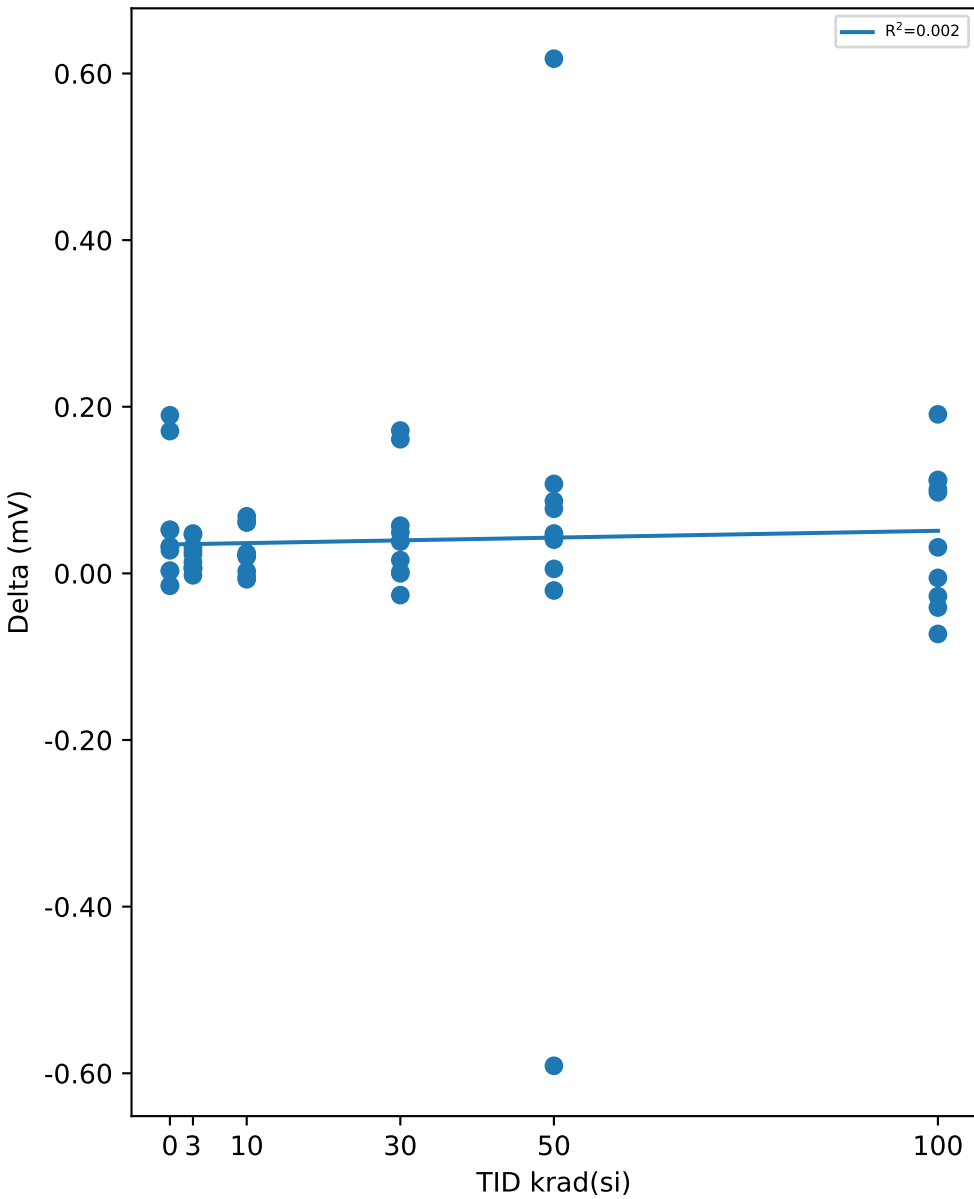
TID vs Result Stats



Test Results (Upper Limit = 2.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.8816	1.0714	0.1898
516	0	CORRELATION	0.3457	0.5165	0.1708
721	0	CORRELATION	-0.1393	-0.1116	0.0277
723	0	CORRELATION	-0.1259	-0.1228	0.0031
729	0	CORRELATION	-0.7316	-0.6993	0.0323
1000	3	Unbiased	0.858	0.8653	0.0073
1001	3	Unbiased	0.1188	0.1165	-0.0023
1002	3	Unbiased	-0.4489	-0.4171	0.0318
1003	3	Unbiased	0.0063	0.0334	0.0271
1004	3	Unbiased	0.442	0.4484	0.0064
1005	3	Biased	0.188	0.2109	0.0229
1006	3	Biased	0.9105	0.9583	0.0478
1007	3	Biased	-0.585	-0.5797	0.0053
1008	3	Biased	-0.9935	-0.9469	0.0466
1009	3	Biased	0.5911	0.6047	0.0136
1010	10	Unbiased	0.017	0.0195	0.0025
1011	10	Unbiased	-0.6419	-0.5797	0.0622
1012	10	Unbiased	0.7718	0.7918	0.02
1013	10	Unbiased	-0.2488	-0.2559	-0.0071
1014	10	Unbiased	-0.4221	-0.4265	-0.0044
1015	10	Biased	-0.5334	-0.4724	0.061
1016	10	Biased	0.3673	0.3915	0.0242
1017	10	Biased	-0.1656	-0.0971	0.0685
1018	10	Biased	0.0243	0.0462	0.0219
1019	10	Biased	-1.3877	-1.3652	0.0225
1020	30	Unbiased	0.7873	0.8033	0.016
1021	30	Unbiased	0.9149	1.0864	0.1715
1022	30	Unbiased	-0.4175	-0.4436	-0.0261
1023	30	Unbiased	-1.0176	-0.9684	0.0492
1024	30	Unbiased	0.0526	0.1099	0.0573
1025	30	Biased	-0.0226	0.0156	0.0382
1026	30	Biased	-0.1931	-0.0321	0.161
1027	30	Biased	0.4776	0.4777	0.0001
1028	30	Biased	0.0345	0.036	0.0015
1029	30	Biased	0.8219	0.8609	0.039
1030	50	Unbiased	0.8825	0.862	-0.0205
1031	50	Unbiased	-0.3344	-0.2568	0.0776
1032	50	Unbiased	-0.234	-0.1935	0.0405
1033	50	Unbiased	0.5261	0.5315	0.0054
1034	50	Unbiased	0.0745	0.1224	0.0479
1035	50	Biased-84Hr-Anneal	-0.1283	-0.0209	0.1074
1036	50	Biased-84Hr-Anneal	0.3004	0.3872	0.0868
1037	50	Biased-84Hr-Anneal	0.2352	0.28	0.0448
1038	50	Biased-84Hr-Anneal	-0.0012	0.6166	0.6178
1039	50	Biased-84Hr-Anneal	0.6161	0.0251	-0.591
1040	100	Unbiased-168Hr-Anneal	-0.6195	-0.5081	0.1114
1041	100	Unbiased-168Hr-Anneal	-0.3487	-0.1578	0.1909
1042	100	Unbiased-168Hr-Anneal	-0.108	-0.0107	0.0973
1043	100	Unbiased-168Hr-Anneal	0.3352	0.4474	0.1122
1044	100	Unbiased-168Hr-Anneal	-0.0827	0.0183	0.101
1045	100	Biased-168Hr-Anneal	0.3548	0.2821	-0.0727
1046	100	Biased-168Hr-Anneal	0.3792	0.3518	-0.0274
1047	100	Biased-168Hr-Anneal	0.9248	0.9561	0.0313
1048	100	Biased-168Hr-Anneal	0.1515	0.1461	-0.0054
1049	100	Biased-168Hr-Anneal	-0.0456	-0.0866	-0.041

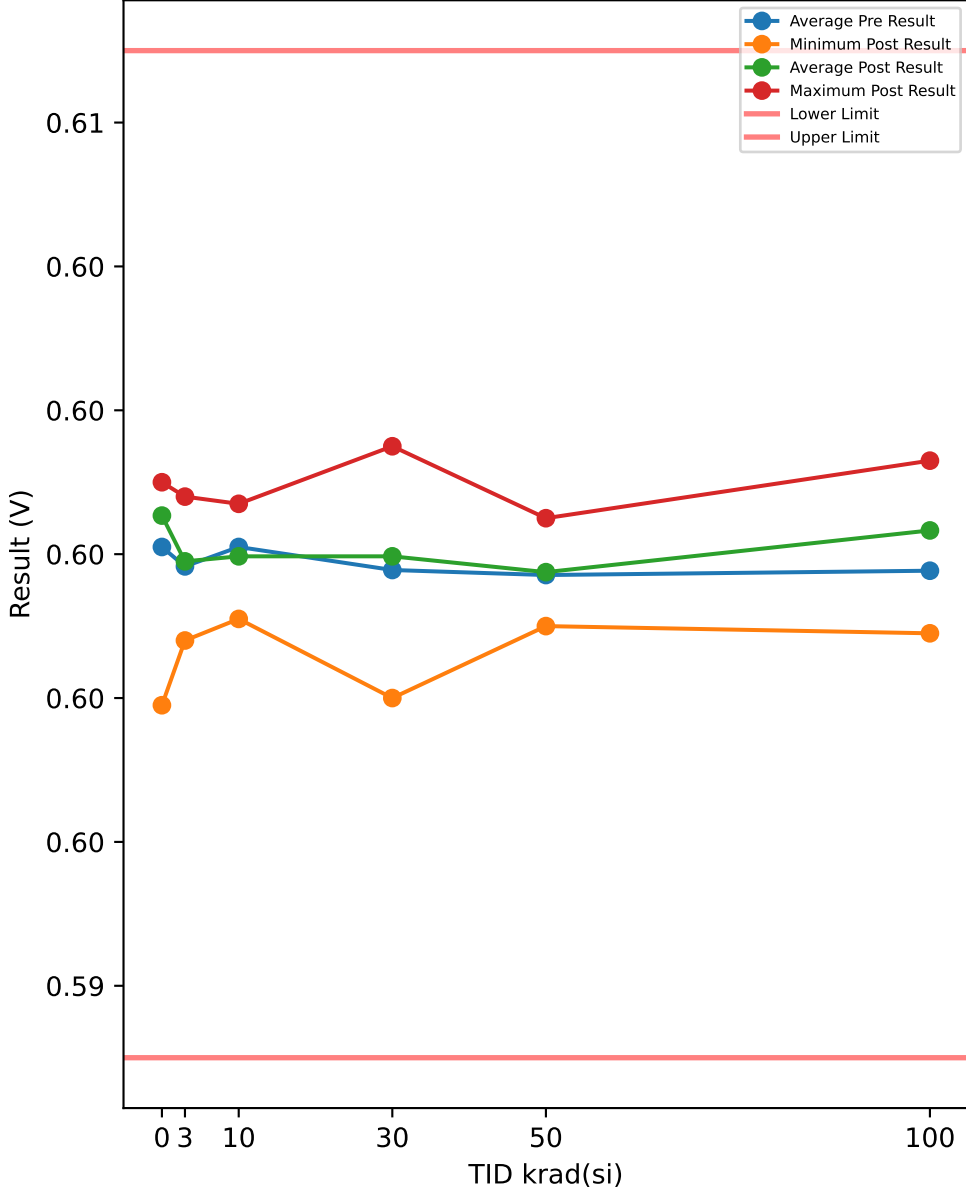
TID vs Post - Pre Exposure Delta



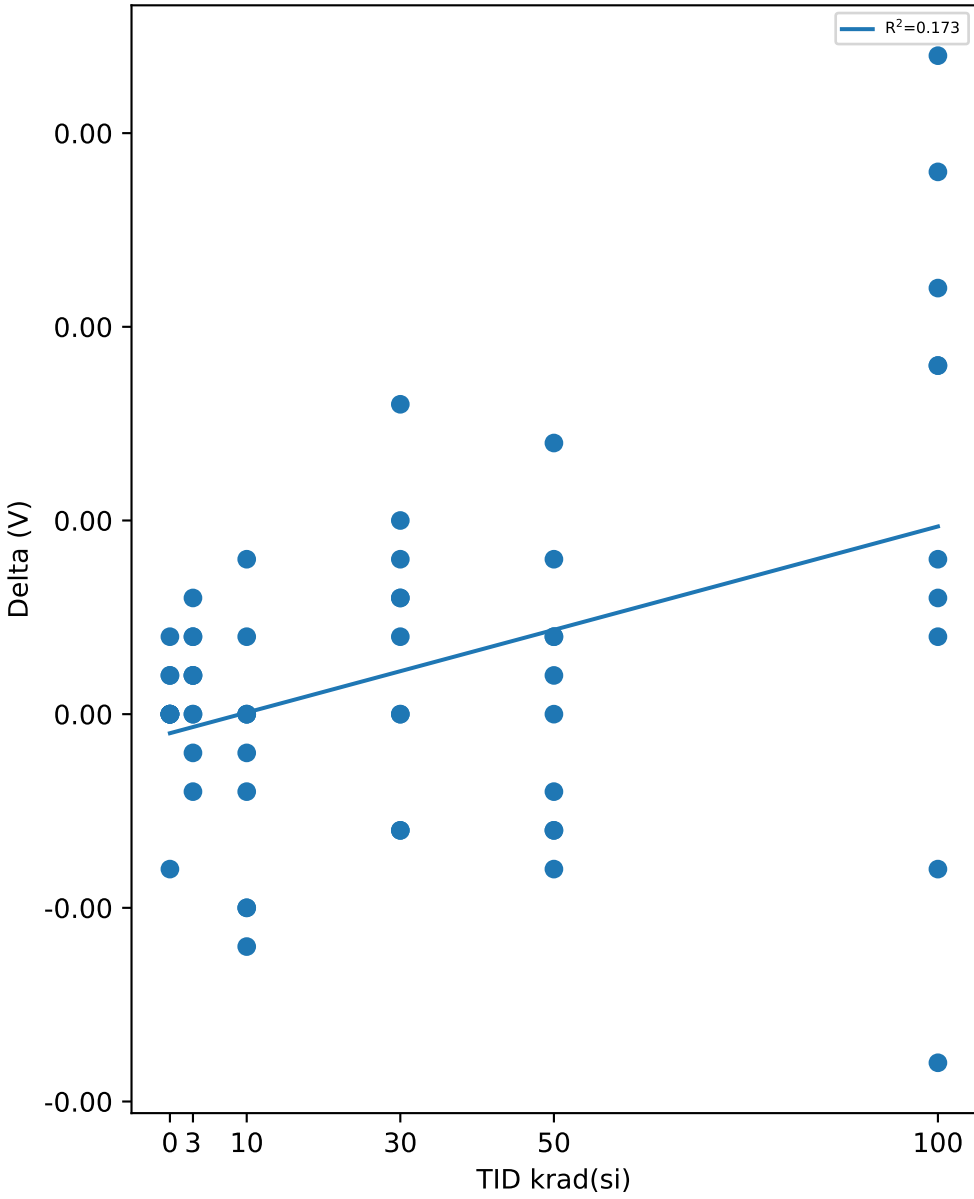
Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.7316	0.0461	0.8816	0.60345	-0.6993	0.13084	1.0714	0.67927	0.0031	0.08474	0.1898	0.088194
3	-0.9935	0.10873	0.9105	0.62999	-0.9469	0.12938	0.9583	0.62647	-0.0023	0.02065	0.0478	0.017559
10	-1.3877	-0.22191	0.7718	0.58961	-1.3652	-0.19478	0.7918	0.5853	-0.0071	0.02713	0.0685	0.027827
30	-1.0176	0.1438	0.9149	0.61511	-0.9684	0.19457	1.0864	0.62942	-0.0261	0.05077	0.1715	0.065981
50	-0.3344	0.19369	0.8825	0.39358	-0.2568	0.23536	0.862	0.36508	-0.591	0.04167	0.6178	0.28773
100	-0.6195	0.0941	0.9248	0.43431	-0.5081	0.14386	0.9561	0.39764	-0.0727	0.04976	0.1909	0.085033

TID vs Result Stats



TID vs Post - Pre Exposure Delta



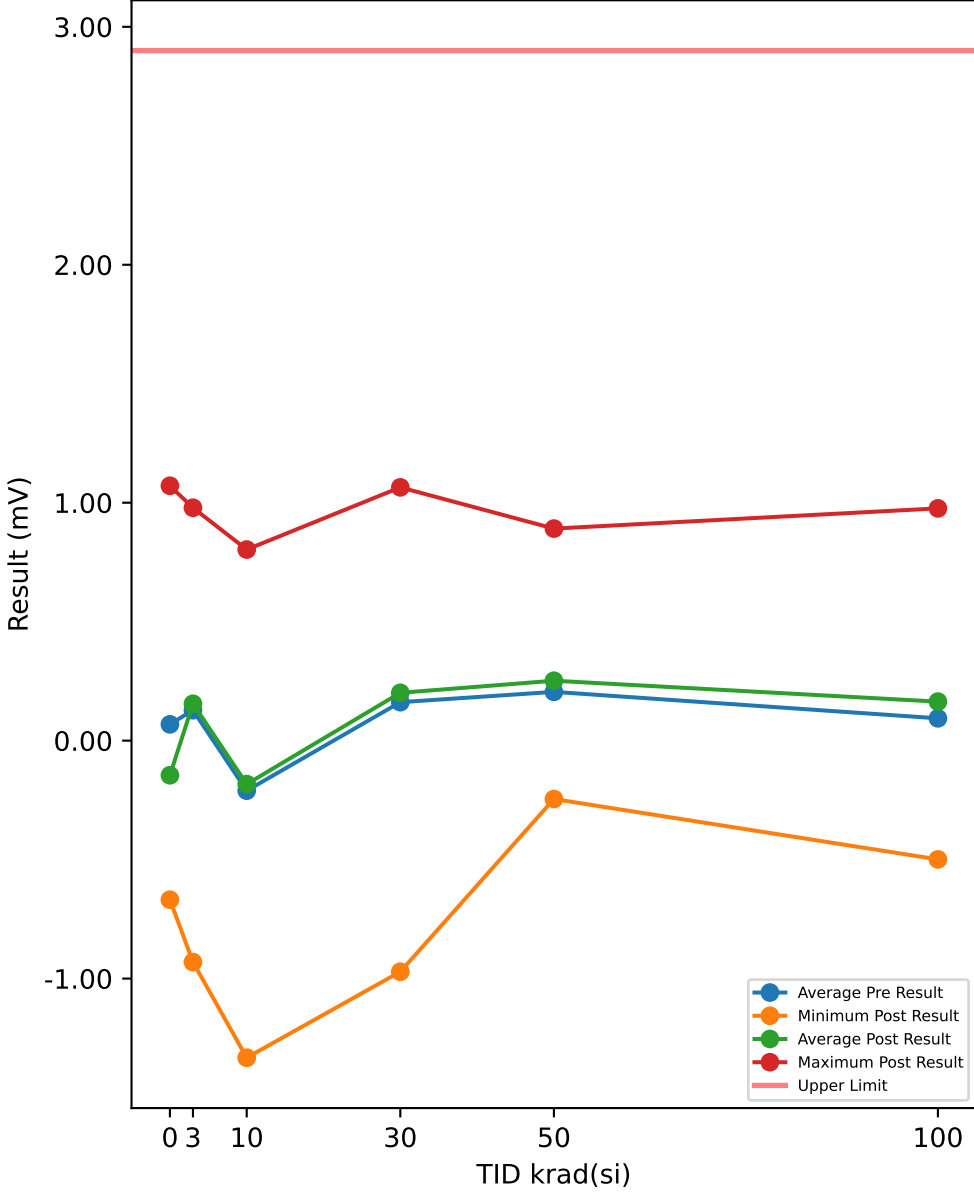
Test Results (Lower Limit = 0.593, Upper Limit = 0.607 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5983	0.5979	-0.0004
516	0	CORRELATION	0.6003	0.6005	0.0002
721	0	CORRELATION	0.6001	0.6001	0
723	0	CORRELATION	0.601	0.601	0
729	0	CORRELATION	0.6008	0.6009	0.0001
1000	3	Unbiased	0.5992	0.5992	0
1001	3	Unbiased	0.6	0.6002	0.0002
1002	3	Unbiased	0.6007	0.6008	0.0001
1003	3	Unbiased	0.6	0.5998	-0.0002
1004	3	Unbiased	0.6001	0.6	-0.0001
1005	3	Biased	0.5994	0.5994	0
1006	3	Biased	0.5994	0.5996	0.0002
1007	3	Biased	0.6005	0.6006	0.0001
1008	3	Biased	0.6003	0.6006	0.0003
1009	3	Biased	0.5987	0.5988	0.0001
1010	10	Unbiased	0.6003	0.6005	0.0002
1011	10	Unbiased	0.6013	0.6007	-0.0006
1012	10	Unbiased	0.5998	0.5993	-0.0005
1013	10	Unbiased	0.5996	0.6	0.0004
1014	10	Unbiased	0.5998	0.5997	-0.0001
1015	10	Biased	0.6003	0.6001	-0.0002
1016	10	Biased	0.5991	0.5991	0
1017	10	Biased	0.6007	0.6002	-0.0005
1018	10	Biased	0.5997	0.5997	0
1019	10	Biased	0.6004	0.6004	0
1020	30	Unbiased	0.5987	0.5991	0.0004
1021	30	Unbiased	0.5983	0.598	-0.0003
1022	30	Unbiased	0.601	0.6015	0.0005
1023	30	Unbiased	0.6009	0.6009	0
1024	30	Unbiased	0.5992	0.5989	-0.0003
1025	30	Biased	0.5996	0.6004	0.0008
1026	30	Biased	0.6008	0.6008	0
1027	30	Biased	0.6001	0.6003	0.0002
1028	30	Biased	0.6006	0.6009	0.0003
1029	30	Biased	0.5986	0.5989	0.0003
1030	50	Unbiased	0.5995	0.5997	0.0002
1031	50	Unbiased	0.6	0.5996	-0.0004
1032	50	Unbiased	0.5993	0.5994	0.0001
1033	50	Unbiased	0.6002	0.5999	-0.0003
1034	50	Unbiased	0.6	0.5998	-0.0002
1035	50	Biased-84Hr-Anneal	0.5994	0.6001	0.0007
1036	50	Biased-84Hr-Anneal	0.6001	0.6005	0.0004
1037	50	Biased-84Hr-Anneal	0.6003	0.6003	0
1038	50	Biased-84Hr-Anneal	0.5995	0.5992	-0.0003
1039	50	Biased-84Hr-Anneal	0.5988	0.599	0.0002
1040	100	Unbiased-168Hr-Anneal	0.6003	0.6005	0.0002
1041	100	Unbiased-168Hr-Anneal	0.6001	0.5997	-0.0004
1042	100	Unbiased-168Hr-Anneal	0.6004	0.6007	0.0003
1043	100	Unbiased-168Hr-Anneal	0.599	0.5999	0.0009
1044	100	Unbiased-168Hr-Anneal	0.6005	0.6009	0.0004
1045	100	Biased-168Hr-Anneal	0.5998	0.5989	-0.0009
1046	100	Biased-168Hr-Anneal	0.5993	0.6004	0.0011
1047	100	Biased-168Hr-Anneal	0.5992	0.6001	0.0009
1048	100	Biased-168Hr-Anneal	0.5999	0.6013	0.0014
1049	100	Biased-168Hr-Anneal	0.5992	0.6009	0.0017

Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5983	0.6001	0.601	0.00107	0.5979	0.60008	0.601	0.0012696	-0.0004	-2e-05	0.0002	0.00022804
3	0.5987	0.59983	0.6007	0.00063254	0.5988	0.5999	0.6008	0.00066165	-0.0002	7e-05	0.0003	0.00014944
10	0.5991	0.6001	0.6013	0.00062893	0.5991	0.59997	0.6007	0.00051865	-0.0006	-0.00013	0.0004	0.00032335
30	0.5983	0.59978	0.601	0.0010369	0.598	0.59997	0.6015	0.0011538	-0.0003	0.00019	0.0008	0.00034785
50	0.5988	0.59971	0.6003	0.00048178	0.599	0.59975	0.6005	0.00047434	-0.0004	4e-05	0.0007	0.00035024
100	0.599	0.59977	0.6005	0.00055787	0.5989	0.60033	0.6013	0.00070246	-0.0009	0.00056	0.0017	0.00080305

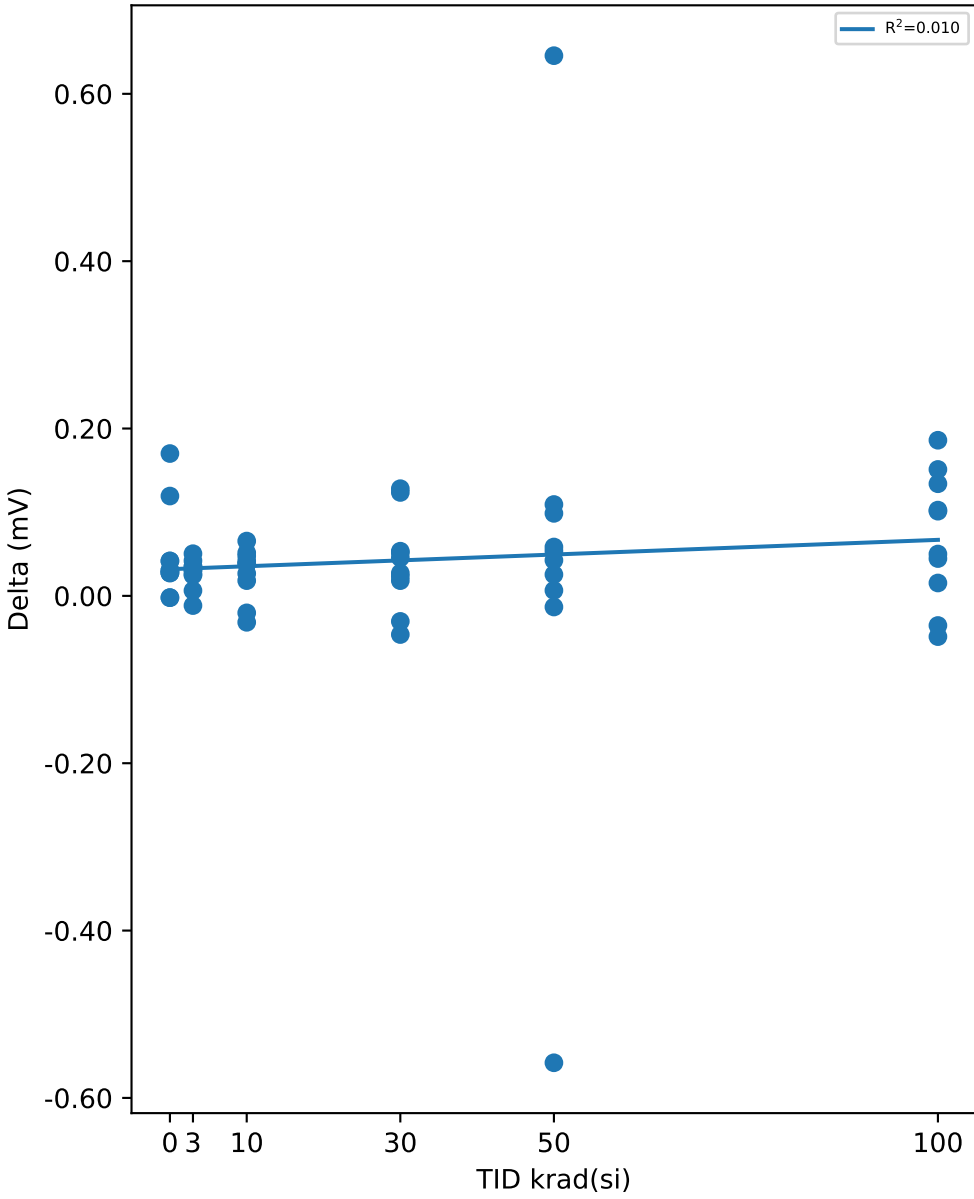
TID vs Result Stats



Test Results (Upper Limit = 2.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9011	1.0712	0.1701
516	0	CORRELATION	0.3944	0.5137	0.1193
721	0	CORRELATION	-0.1343	-0.1071	0.0272
723	0	CORRELATION	-0.1224	-0.1245	-0.0021
729	0	CORRELATION	-0.6961	-0.6684	0.0277
1000	3	Unbiased	0.8819	0.8703	-0.0116
1001	3	Unbiased	0.1314	0.1377	0.0063
1002	3	Unbiased	-0.4281	-0.4034	0.0247
1003	3	Unbiased	0.0115	0.0375	0.026
1004	3	Unbiased	0.4517	0.4826	0.0309
1005	3	Biased	0.2096	0.2516	0.042
1006	3	Biased	0.9438	0.9788	0.035
1007	3	Biased	-0.578	-0.5473	0.0307
1008	3	Biased	-0.9658	-0.9307	0.0351
1009	3	Biased	0.6215	0.6719	0.0504
1010	10	Unbiased	0.0667	0.0351	-0.0316
1011	10	Unbiased	-0.6062	-0.5678	0.0384
1012	10	Unbiased	0.7764	0.8031	0.0267
1013	10	Unbiased	-0.2291	-0.2494	-0.0203
1014	10	Unbiased	-0.4414	-0.4031	0.0383
1015	10	Biased	-0.5251	-0.4736	0.0515
1016	10	Biased	0.3763	0.3945	0.0182
1017	10	Biased	-0.1575	-0.092	0.0655
1018	10	Biased	0.0168	0.0585	0.0417
1019	10	Biased	-1.3803	-1.3326	0.0477
1020	30	Unbiased	0.8377	0.8072	-0.0305
1021	30	Unbiased	0.9409	1.0645	0.1236
1022	30	Unbiased	-0.3816	-0.4278	-0.0462
1023	30	Unbiased	-0.9944	-0.9712	0.0232
1024	30	Unbiased	0.0789	0.1245	0.0456
1025	30	Biased	-0.0572	-0.0056	0.0516
1026	30	Biased	-0.1498	-0.0217	0.1281
1027	30	Biased	0.474	0.4922	0.0182
1028	30	Biased	0.035	0.0622	0.0272
1029	30	Biased	0.8329	0.8863	0.0534
1030	50	Unbiased	0.9045	0.8912	-0.0133
1031	50	Unbiased	-0.3038	-0.2454	0.0584
1032	50	Unbiased	-0.2074	-0.1648	0.0426
1033	50	Unbiased	0.5174	0.5239	0.0065
1034	50	Unbiased	0.0752	0.1289	0.0537
1035	50	Biased-84Hr-Anneal	-0.0967	0.0019	0.0986
1036	50	Biased-84Hr-Anneal	0.296	0.4052	0.1092
1037	50	Biased-84Hr-Anneal	0.2618	0.2873	0.0255
1038	50	Biased-84Hr-Anneal	0.0068	0.6524	0.6456
1039	50	Biased-84Hr-Anneal	0.5959	0.0379	-0.558
1040	100	Unbiased-168Hr-Anneal	-0.6331	-0.4991	0.134
1041	100	Unbiased-168Hr-Anneal	-0.327	-0.141	0.186
1042	100	Unbiased-168Hr-Anneal	-0.1058	-0.0046	0.1012
1043	100	Unbiased-168Hr-Anneal	0.3781	0.4806	0.1025
1044	100	Unbiased-168Hr-Anneal	-0.0954	0.0557	0.1511
1045	100	Biased-168Hr-Anneal	0.344	0.2953	-0.0487
1046	100	Biased-168Hr-Anneal	0.3388	0.3834	0.0446
1047	100	Biased-168Hr-Anneal	0.9262	0.9762	0.05
1048	100	Biased-168Hr-Anneal	0.189	0.1536	-0.0354
1049	100	Biased-168Hr-Anneal	-0.076	-0.0606	0.0154

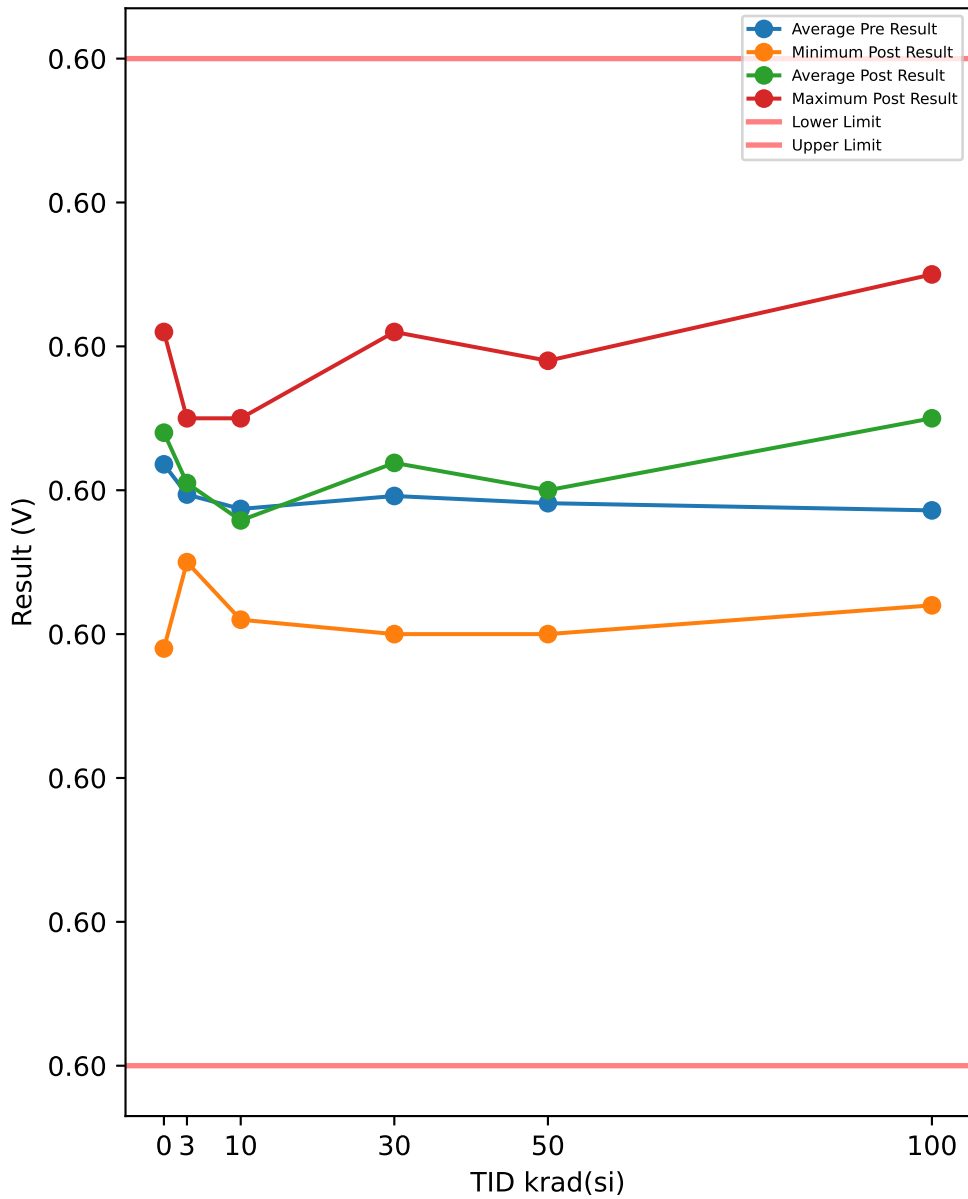
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.6961	0.06854	0.9011	0.60449	-0.6684	0.13698	1.0712	0.66919	-0.0021	0.06844	0.1701	0.0729
3	-0.9658	0.12795	0.9438	0.63303	-0.9307	0.1549	0.9788	0.62999	-0.0116	0.02695	0.0504	0.017813
10	-1.3803	-0.21034	0.7764	0.58947	-1.3326	-0.18273	0.8031	0.57994	-0.0316	0.02761	0.0655	0.031144
30	-0.9944	0.16164	0.9409	0.6157	-0.9712	0.20106	1.0645	0.62844	-0.0462	0.03942	0.1281	0.056189
50	-0.3038	0.20497	0.9045	0.38403	-0.2454	0.25185	0.8912	0.367	-0.558	0.04688	0.6456	0.28613
100	-0.6331	0.09388	0.9262	0.43657	-0.4991	0.16395	0.9762	0.40121	-0.0487	0.07007	0.186	0.078446

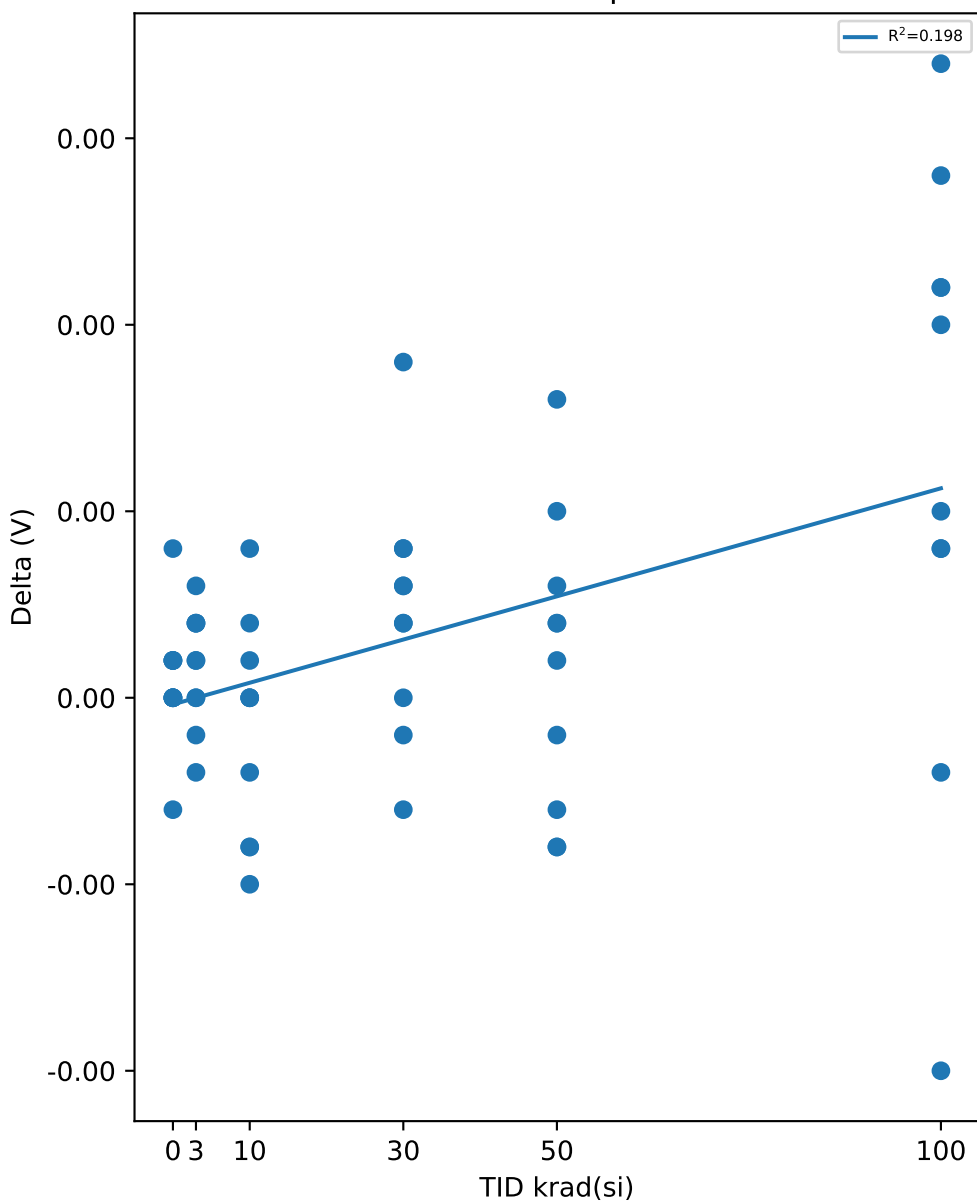
TID vs Result Stats



Test Results (Lower Limit = 0.596, Upper Limit = 0.603 (V))

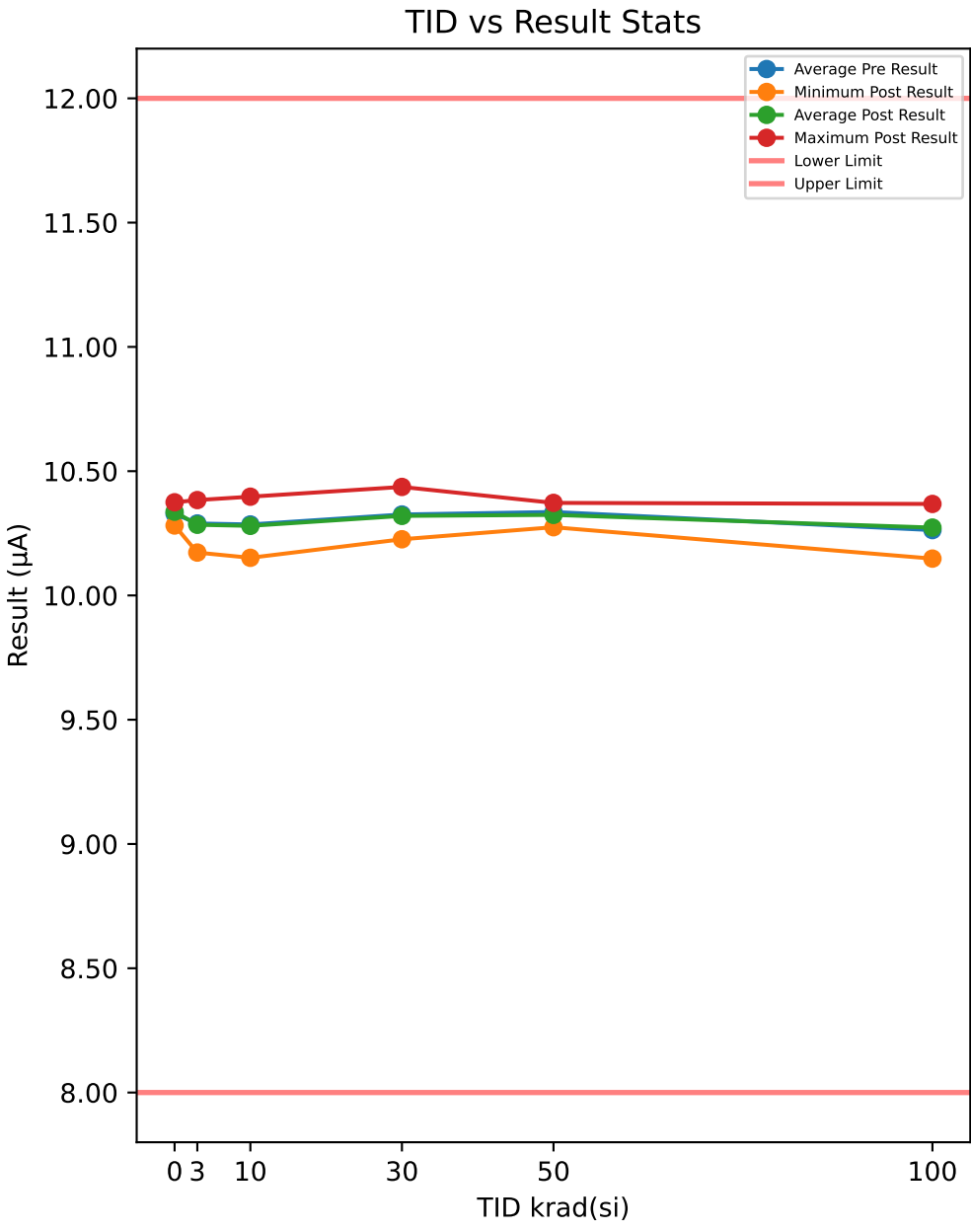
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5992	0.5989	-0.0003
516	0	CORRELATION	0.6007	0.6011	0.0004
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6009	0.6009	0
729	0	CORRELATION	0.6001	0.6002	0.0001
1000	3	Unbiased	0.6001	0.6001	0
1001	3	Unbiased	0.6001	0.6003	0.0002
1002	3	Unbiased	0.6003	0.6004	0.0001
1003	3	Unbiased	0.6	0.5999	-0.0001
1004	3	Unbiased	0.6006	0.6004	-0.0002
1005	3	Biased	0.5996	0.5996	0
1006	3	Biased	0.6004	0.6005	0.0001
1007	3	Biased	0.5999	0.6001	0.0002
1008	3	Biased	0.5994	0.5997	0.0003
1009	3	Biased	0.5993	0.5995	0.0002
1010	10	Unbiased	0.6003	0.6005	0.0002
1011	10	Unbiased	0.6006	0.6001	-0.0005
1012	10	Unbiased	0.6006	0.6002	-0.0004
1013	10	Unbiased	0.5994	0.5998	0.0004
1014	10	Unbiased	0.5993	0.5993	0
1015	10	Biased	0.5998	0.5996	-0.0002
1016	10	Biased	0.5995	0.5995	0
1017	10	Biased	0.6005	0.6001	-0.0004
1018	10	Biased	0.5997	0.5997	0
1019	10	Biased	0.599	0.5991	0.0001
1020	30	Unbiased	0.5995	0.5999	0.0004
1021	30	Unbiased	0.5992	0.5991	-0.0001
1022	30	Unbiased	0.6007	0.6011	0.0004
1023	30	Unbiased	0.5999	0.5999	0
1024	30	Unbiased	0.5993	0.599	-0.0003
1025	30	Biased	0.5996	0.6005	0.0009
1026	30	Biased	0.6006	0.6008	0.0002
1027	30	Biased	0.6006	0.6008	0.0002
1028	30	Biased	0.6007	0.601	0.0003
1029	30	Biased	0.5995	0.5998	0.0003
1030	50	Unbiased	0.6004	0.6006	0.0002
1031	50	Unbiased	0.5997	0.5993	-0.0004
1032	50	Unbiased	0.5991	0.5993	0.0002
1033	50	Unbiased	0.6007	0.6004	-0.0003
1034	50	Unbiased	0.6001	0.6	-0.0001
1035	50	Biased-84Hr-Anneal	0.5993	0.6001	0.0008
1036	50	Biased-84Hr-Anneal	0.6004	0.6009	0.0005
1037	50	Biased-84Hr-Anneal	0.6005	0.6006	0.0001
1038	50	Biased-84Hr-Anneal	0.5995	0.5998	0.0003
1039	50	Biased-84Hr-Anneal	0.5994	0.599	-0.0004
1040	100	Unbiased-168Hr-Anneal	0.5996	0.6	0.0004
1041	100	Unbiased-168Hr-Anneal	0.5998	0.5996	-0.0002
1042	100	Unbiased-168Hr-Anneal	0.6003	0.6007	0.0004
1043	100	Unbiased-168Hr-Anneal	0.5993	0.6004	0.0011
1044	100	Unbiased-168Hr-Anneal	0.6004	0.6009	0.0005
1045	100	Biased-168Hr-Anneal	0.6002	0.5992	-0.001
1046	100	Biased-168Hr-Anneal	0.5997	0.6008	0.0011
1047	100	Biased-168Hr-Anneal	0.6001	0.6011	0.001
1048	100	Biased-168Hr-Anneal	0.6001	0.6015	0.0014
1049	100	Biased-168Hr-Anneal	0.5991	0.6008	0.0017

TID vs Post - Pre Exposure Delta



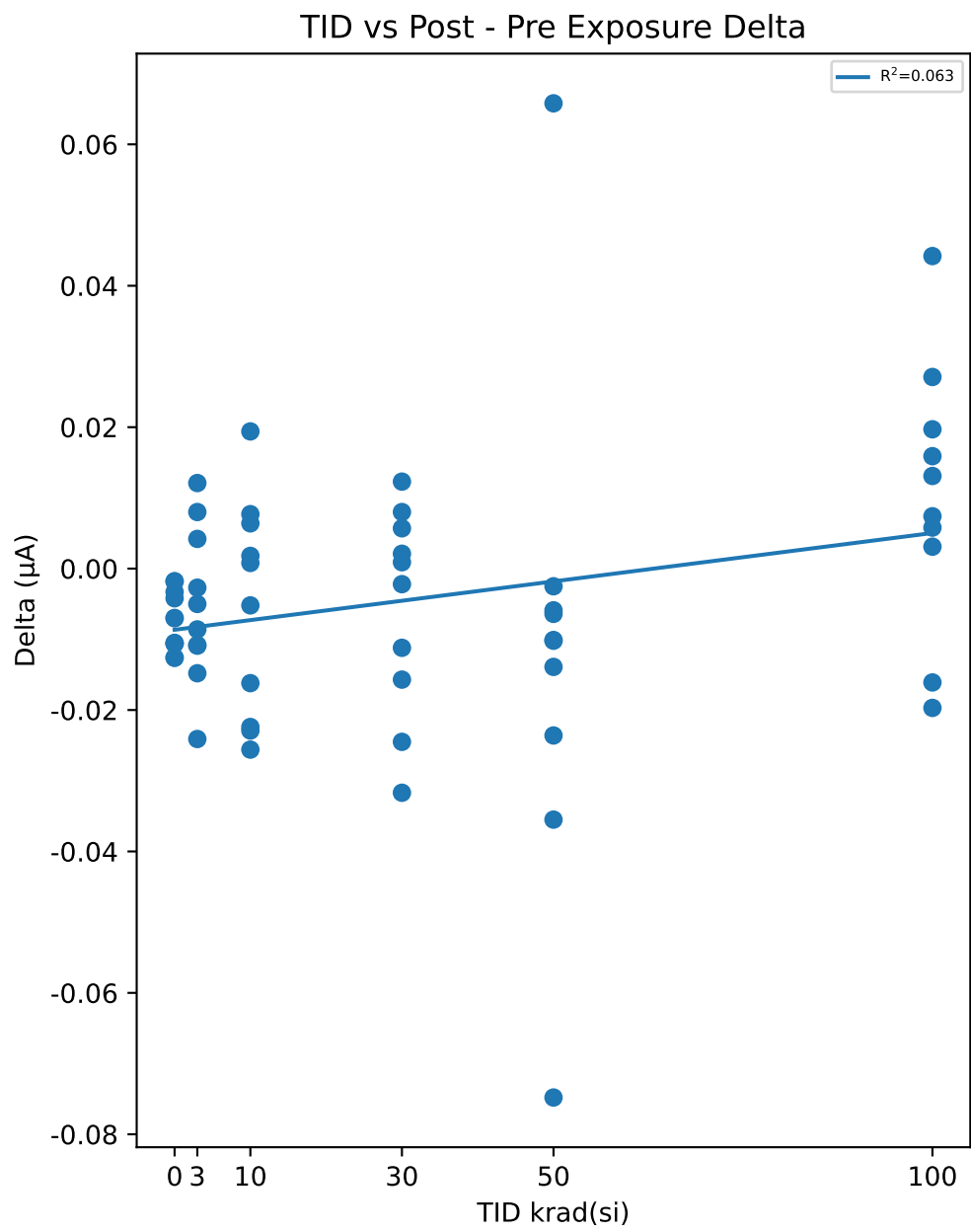
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60018	0.6009	0.00066858	0.5989	0.60022	0.6011	0.00087006	-0.0003	4e-05	0.0004	0.000251
3	0.5993	0.59997	0.6006	0.00042701	0.5995	0.60005	0.6005	0.00035978	-0.0002	8e-05	0.0003	0.00015492
10	0.599	0.59987	0.6006	0.00058888	0.5991	0.59979	0.6005	0.00043576	-0.0005	-8e-05	0.0004	0.00028983
30	0.5992	0.59996	0.6007	0.00062218	0.599	0.60019	0.6011	0.00076369	-0.0003	0.00023	0.0009	0.00032677
50	0.5991	0.59991	0.6007	0.00057629	0.599	0.6	0.6009	0.00064291	-0.0004	9e-05	0.0008	0.00039567
100	0.5991	0.59986	0.6004	0.00043512	0.5992	0.6005	0.6015	0.00070711	-0.001	0.00064	0.0017	0.00080166



Test Results (Lower Limit = 8.0, Upper Limit = 12.0 (µA))

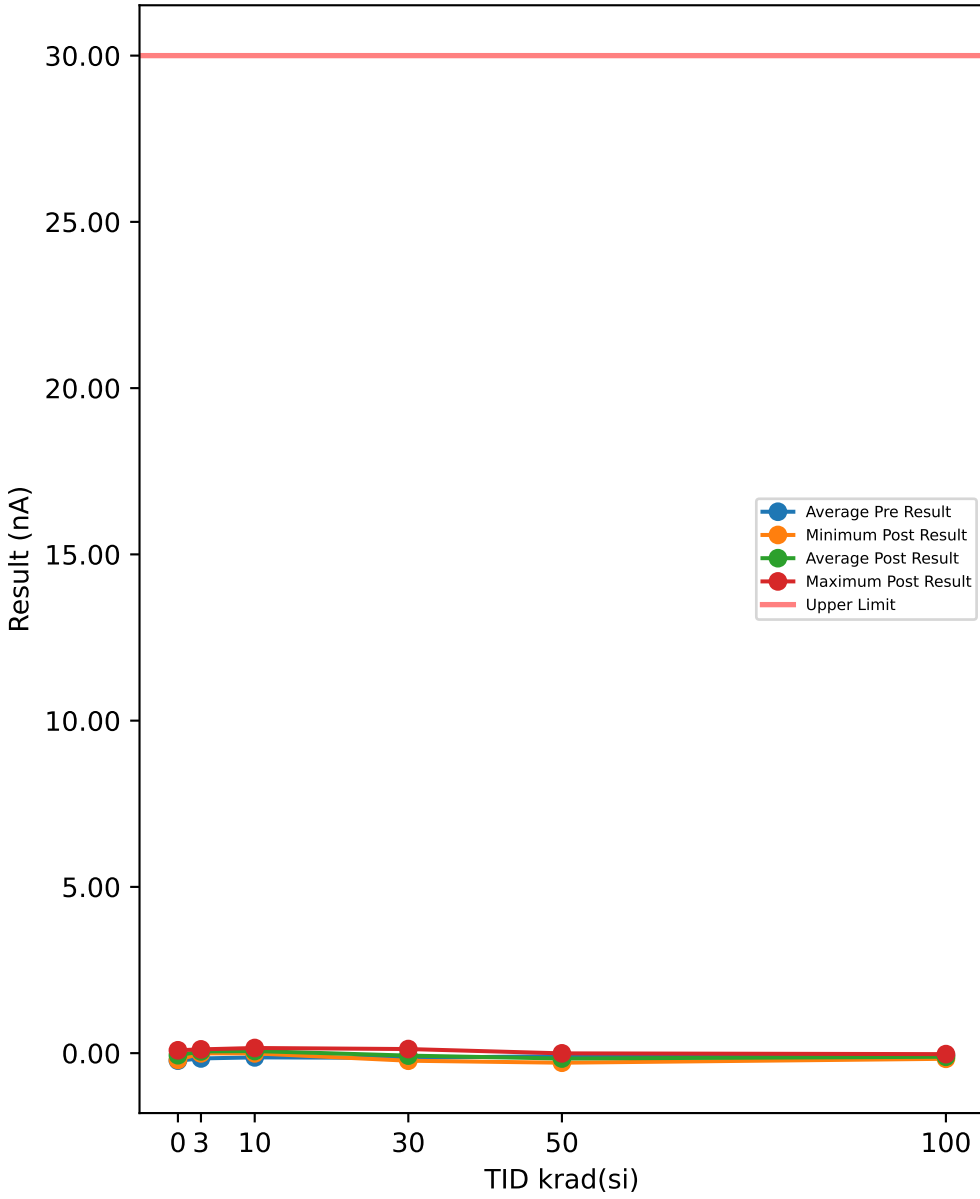
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	10.301	10.29	-0.0105
516	0	CORRELATION	10.341	10.338	-0.0033
721	0	CORRELATION	10.286	10.281	-0.0042
723	0	CORRELATION	10.385	10.375	-0.0106
729	0	CORRELATION	10.33	10.323	-0.007
1000	3	Unbiased	10.256	10.268	0.0121
1001	3	Unbiased	10.183	10.172	-0.0109
1002	3	Unbiased	10.304	10.312	0.008
1003	3	Unbiased	10.224	10.221	-0.0027
1004	3	Unbiased	10.311	10.296	-0.0148
1005	3	Biased	10.291	10.286	-0.005
1006	3	Biased	10.321	10.325	0.0042
1007	3	Biased	10.392	10.384	-0.0086
1008	3	Biased	10.245	10.234	-0.0108
1009	3	Biased	10.369	10.345	-0.0241
1010	10	Unbiased	10.145	10.153	0.0077
1011	10	Unbiased	10.174	10.152	-0.0224
1012	10	Unbiased	10.247	10.248	0.0008
1013	10	Unbiased	10.367	10.386	0.0194
1014	10	Unbiased	10.402	10.397	-0.0052
1015	10	Biased	10.341	10.315	-0.0256
1016	10	Biased	10.234	10.24	0.0064
1017	10	Biased	10.282	10.259	-0.0229
1018	10	Biased	10.296	10.297	0.0018
1019	10	Biased	10.369	10.352	-0.0162
1020	30	Unbiased	10.249	10.238	-0.0112
1021	30	Unbiased	10.287	10.285	-0.0022
1022	30	Unbiased	10.424	10.437	0.0123
1023	30	Unbiased	10.284	10.287	0.0021
1024	30	Unbiased	10.383	10.367	-0.0157
1025	30	Biased	10.316	10.322	0.0057
1026	30	Biased	10.311	10.319	0.008
1027	30	Biased	10.332	10.333	0.0009
1028	30	Biased	10.411	10.387	-0.0245
1029	30	Biased	10.258	10.226	-0.0317
1030	50	Unbiased	10.379	10.372	-0.0064
1031	50	Unbiased	10.337	10.301	-0.0355
1032	50	Unbiased	10.358	10.353	-0.0059
1033	50	Unbiased	10.369	10.346	-0.0236
1034	50	Unbiased	10.38	10.37	-0.0101
1035	50	Biased-84Hr-Anneal	10.295	10.281	-0.0139
1036	50	Biased-84Hr-Anneal	10.324	10.322	-0.0025
1037	50	Biased-84Hr-Anneal	10.285	10.274	-0.0102
1038	50	Biased-84Hr-Anneal	10.354	10.279	-0.0748
1039	50	Biased-84Hr-Anneal	10.276	10.341	0.0658
1040	100	Unbiased-168Hr-Anneal	10.129	10.148	0.0197
1041	100	Unbiased-168Hr-Anneal	10.266	10.247	-0.0197
1042	100	Unbiased-168Hr-Anneal	10.365	10.368	0.0031
1043	100	Unbiased-168Hr-Anneal	10.292	10.298	0.0058
1044	100	Unbiased-168Hr-Anneal	10.316	10.324	0.0074
1045	100	Biased-168Hr-Anneal	10.295	10.279	-0.0161
1046	100	Biased-168Hr-Anneal	10.321	10.348	0.0271
1047	100	Biased-168Hr-Anneal	10.243	10.258	0.0159
1048	100	Biased-168Hr-Anneal	10.209	10.222	0.0131
1049	100	Biased-168Hr-Anneal	10.193	10.237	0.0442



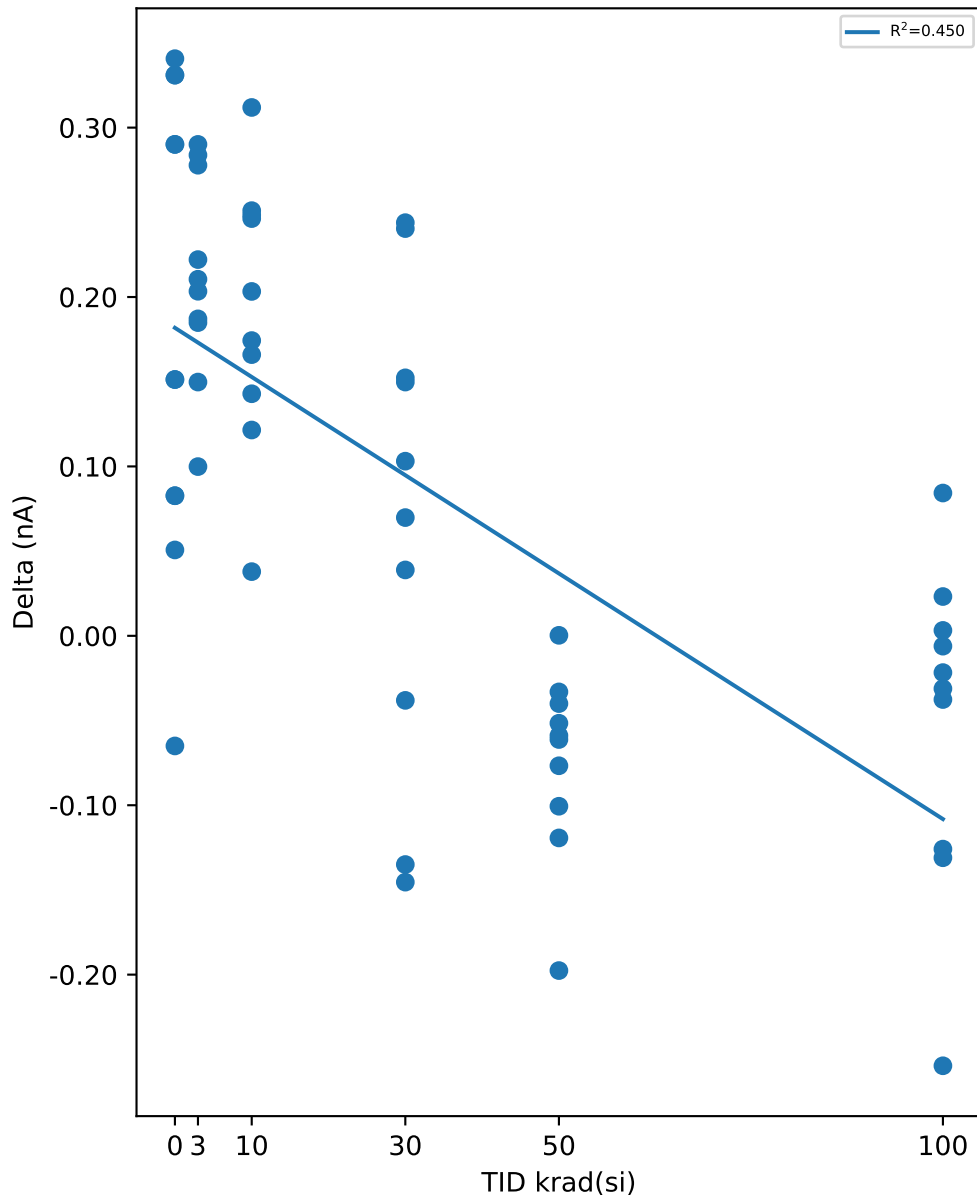
Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.286	10.329	10.385	0.038758	10.281	10.321	10.375	0.037725	-0.0106	-0.00712	-0.0033	0.0034157
3	10.183	10.29	10.392	0.064309	10.172	10.284	10.384	0.06271	-0.0241	-0.00526	0.0121	0.01102
10	10.145	10.286	10.402	0.086067	10.152	10.28	10.397	0.086626	-0.0256	-0.00562	0.0194	0.015404
30	10.249	10.326	10.424	0.061734	10.226	10.32	10.437	0.065258	-0.0317	-0.00563	0.0123	0.014598
50	10.276	10.336	10.38	0.039206	10.274	10.324	10.372	0.037864	-0.0748	-0.01171	0.0658	0.034724
100	10.129	10.263	10.365	0.07057	10.148	10.273	10.368	0.065204	-0.0197	0.01005	0.0442	0.018961

TID vs Result Stats



TID vs Post - Pre Exposure Delta



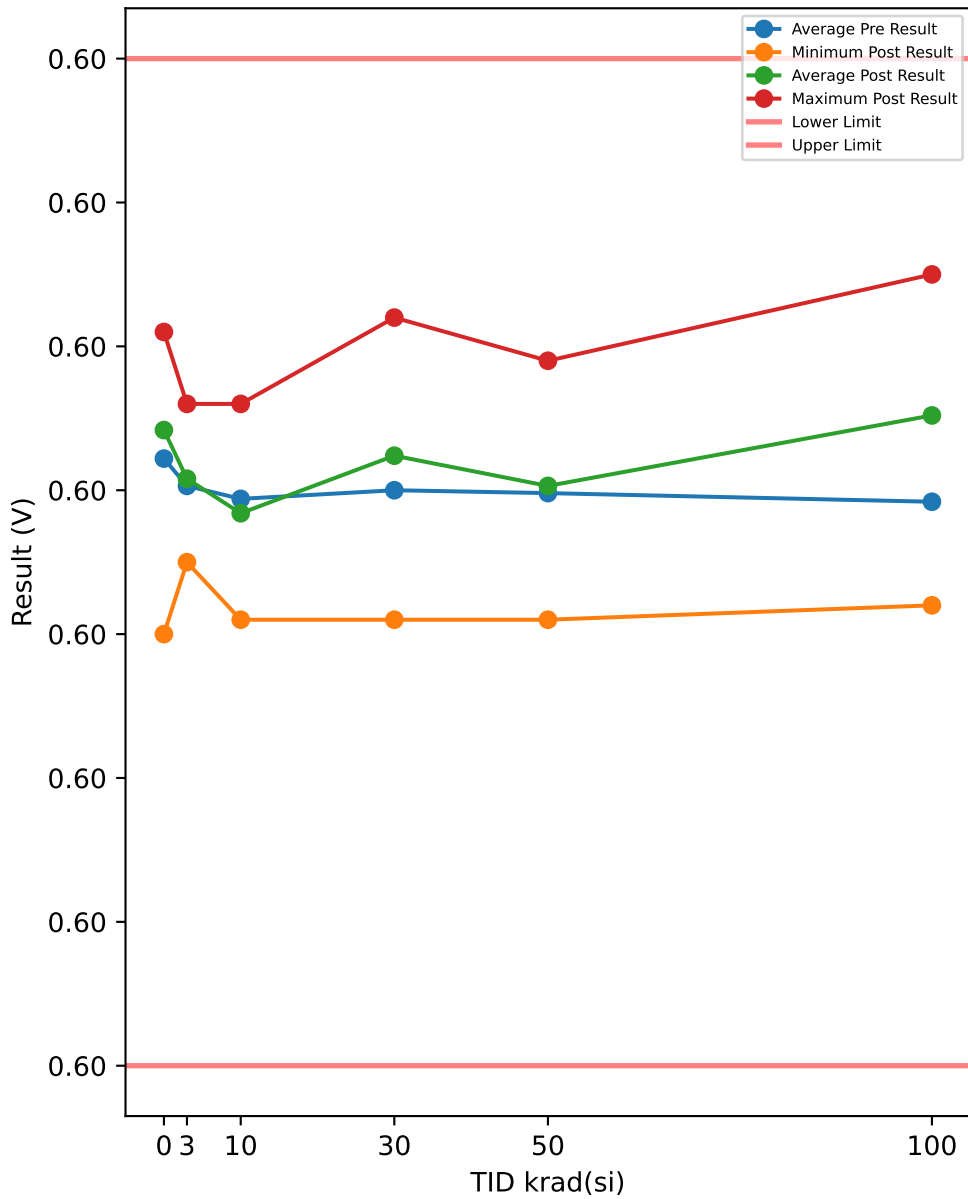
Test Results (Upper Limit = 30.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	-0.163	-0.1123	0.0507
516	0	CORRELATION	-0.1292	-0.1942	-0.065
721	0	CORRELATION	-0.3034	0.0373	0.3407
723	0	CORRELATION	-0.2855	0.0046	0.2901
729	0	CORRELATION	-0.2449	0.0861	0.331
1000	3	Unbiased	-0.1505	0.0716	0.2221
1001	3	Unbiased	-0.1856	0.0982	0.2838
1002	3	Unbiased	-0.1068	-0.0069	0.0999
1003	3	Unbiased	-0.1105	0.0393	0.1498
1004	3	Unbiased	-0.0967	0.1138	0.2105
1005	3	Biased	-0.2262	0.0639	0.2901
1006	3	Biased	-0.1786	0.0248	0.2034
1007	3	Biased	-0.1668	0.0181	0.1849
1008	3	Biased	-0.1823	0.0955	0.2778
1009	3	Biased	-0.1872	-0.0001	0.1871
1010	10	Unbiased	-0.1292	0.0451	0.1743
1011	10	Unbiased	-0.0481	0.1552	0.2033
1012	10	Unbiased	-0.1373	0.1111	0.2484
1013	10	Unbiased	0.0243	0.0622	0.0379
1014	10	Unbiased	-0.2262	0.0857	0.3119
1015	10	Biased	-0.1887	0.0576	0.2463
1016	10	Biased	-0.0693	0.0736	0.1429
1017	10	Biased	-0.2293	0.0217	0.251
1018	10	Biased	-0.1417	0.0243	0.166
1019	10	Biased	-0.1279	-0.0064	0.1215
1020	30	Unbiased	-0.1342	0.0181	0.1523
1021	30	Unbiased	-0.1754	0.0685	0.2439
1022	30	Unbiased	-0.1168	0.1236	0.2404
1023	30	Unbiased	-0.0225	-0.1575	-0.135
1024	30	Unbiased	-0.2105	-0.1716	0.0389
1025	30	Biased	-0.0637	0.0061	0.0698
1026	30	Biased	-0.1754	-0.0256	0.1498
1027	30	Biased	-0.2855	-0.1824	0.1031
1028	30	Biased	-0.0824	-0.2278	-0.1454
1029	30	Biased	-0.1498	-0.1879	-0.0381
1030	50	Unbiased	-0.045	-0.1217	-0.0767
1031	50	Unbiased	-0.0967	-0.216	-0.1193
1032	50	Unbiased	-0.1099	-0.2105	-0.1006
1033	50	Unbiased	-0.1419	-0.1935	-0.0516
1034	50	Unbiased	-0.098	-0.138	-0.04
1035	50	Biased-84Hr-Anneal	-0.1462	-0.1793	-0.0331
1036	50	Biased-84Hr-Anneal	-0.0065	-0.0062	0.0003
1037	50	Biased-84Hr-Anneal	-0.1212	-0.1824	-0.0612
1038	50	Biased-84Hr-Anneal	-0.0253	-0.0842	-0.0589
1039	50	Biased-84Hr-Anneal	-0.0902	-0.2878	-0.1976
1040	100	Unbiased-168Hr-Anneal	-0.0749	-0.0717	0.0032
1041	100	Unbiased-168Hr-Anneal	-0.1168	-0.1544	-0.0376
1042	100	Unbiased-168Hr-Anneal	-0.0887	-0.0655	0.0232
1043	100	Unbiased-168Hr-Anneal	-0.1918	-0.1075	0.0843
1044	100	Unbiased-168Hr-Anneal	-0.113	-0.1442	-0.0312
1045	100	Biased-168Hr-Anneal	0.0964	-0.0295	-0.1259
1046	100	Biased-168Hr-Anneal	-0.0733	-0.095	-0.0217
1047	100	Biased-168Hr-Anneal	0.1307	-0.1231	-0.2538
1048	100	Biased-168Hr-Anneal	-0.039	-0.17	-0.131
1049	100	Biased-168Hr-Anneal	-0.117	-0.1231	-0.0061

Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3034	-0.2252	-0.1292	0.076198	-0.1942	-0.0357	0.0861	0.11487	-0.065	0.1895	0.3407	0.18509
3	-0.2262	-0.15912	-0.0967	0.042212	-0.0069	0.05182	0.1138	0.042954	0.0999	0.21094	0.2901	0.061047
10	-0.2293	-0.12734	0.0243	0.079502	-0.0064	0.06301	0.1552	0.046918	0.0379	0.19035	0.3119	0.079025
30	-0.2855	-0.14162	-0.0225	0.076183	-0.2278	-0.07365	0.1236	0.12537	-0.1454	0.06797	0.2439	0.13926
50	-0.1462	-0.08809	-0.0065	0.0477	-0.2878	-0.16196	-0.0062	0.078406	-0.1976	-0.07387	0.0003	0.055062
100	-0.1918	-0.05874	0.1307	0.099516	-0.17	-0.1084	-0.0295	0.043738	-0.2538	-0.04966	0.0843	0.096215

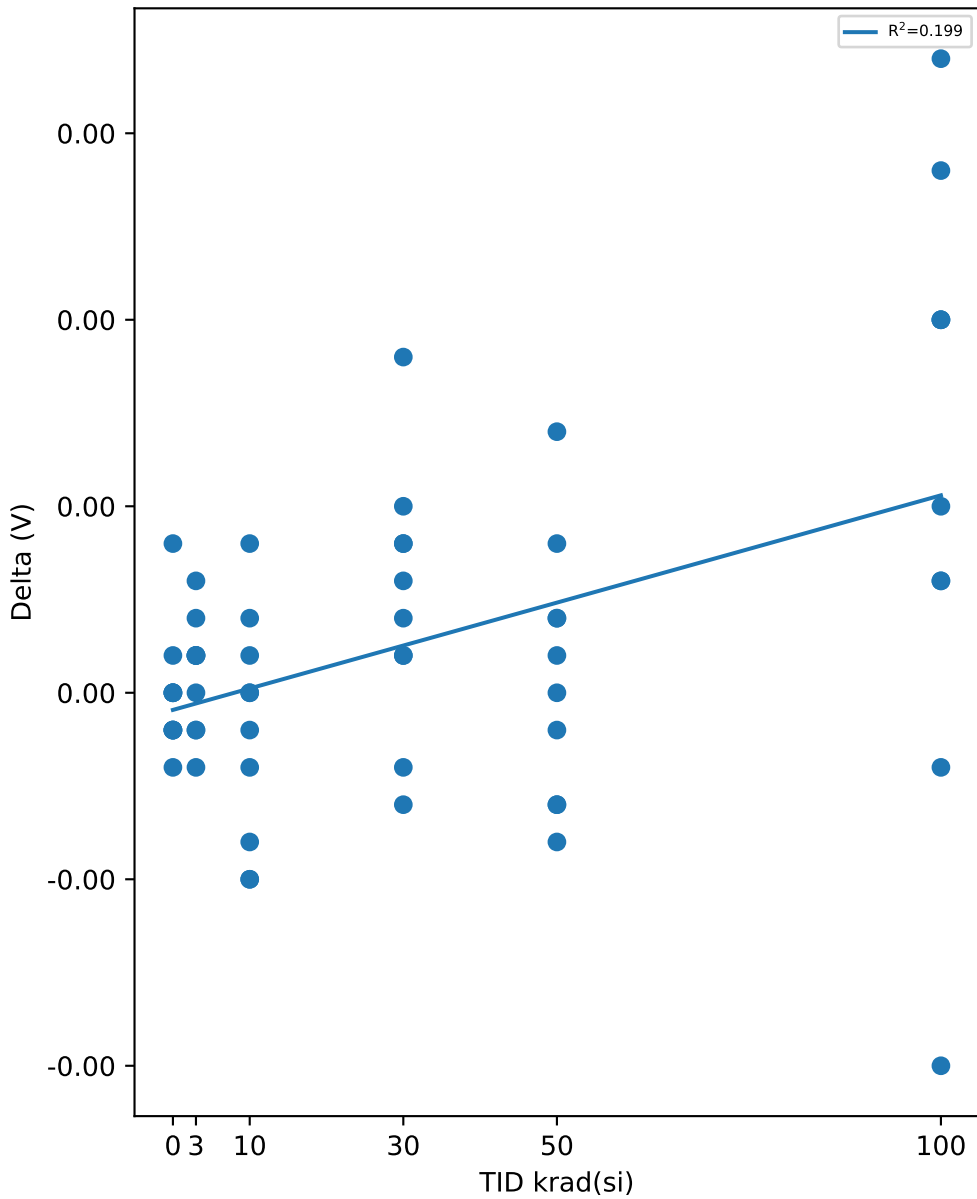
TID vs Result Stats



Test Results (Lower Limit = 0.596, Upper Limit = 0.603 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5992	0.599	-0.0002
516	0	CORRELATION	0.6007	0.6011	0.0004
721	0	CORRELATION	0.6	0.6001	0.0001
723	0	CORRELATION	0.601	0.6009	-0.0001
729	0	CORRELATION	0.6002	0.6002	0
1000	3	Unbiased	0.6002	0.6001	-0.0001
1001	3	Unbiased	0.6002	0.6003	0.0001
1002	3	Unbiased	0.6003	0.6004	0.0001
1003	3	Unbiased	0.6001	0.5999	-0.0002
1004	3	Unbiased	0.6006	0.6005	-0.0001
1005	3	Biased	0.5997	0.5997	0
1006	3	Biased	0.6004	0.6006	0.0002
1007	3	Biased	0.6	0.6001	0.0001
1008	3	Biased	0.5994	0.5997	0.0003
1009	3	Biased	0.5994	0.5995	0.0001
1010	10	Unbiased	0.6004	0.6006	0.0002
1011	10	Unbiased	0.6007	0.6002	-0.0005
1012	10	Unbiased	0.6006	0.6002	-0.0004
1013	10	Unbiased	0.5994	0.5998	0.0004
1014	10	Unbiased	0.5994	0.5993	-0.0001
1015	10	Biased	0.5999	0.5997	-0.0002
1016	10	Biased	0.5995	0.5996	0.0001
1017	10	Biased	0.6006	0.6001	-0.0005
1018	10	Biased	0.5998	0.5998	0
1019	10	Biased	0.5991	0.5991	0
1020	30	Unbiased	0.5995	0.5999	0.0004
1021	30	Unbiased	0.5993	0.5991	-0.0002
1022	30	Unbiased	0.6007	0.6012	0.0005
1023	30	Unbiased	0.5999	0.6	0.0001
1024	30	Unbiased	0.5994	0.5991	-0.0003
1025	30	Biased	0.5996	0.6005	0.0009
1026	30	Biased	0.6007	0.6008	0.0001
1027	30	Biased	0.6007	0.6009	0.0002
1028	30	Biased	0.6007	0.601	0.0003
1029	30	Biased	0.5995	0.5999	0.0004
1030	50	Unbiased	0.6005	0.6006	0.0001
1031	50	Unbiased	0.5997	0.5994	-0.0003
1032	50	Unbiased	0.5991	0.5993	0.0002
1033	50	Unbiased	0.6008	0.6005	-0.0003
1034	50	Unbiased	0.6001	0.6	-0.0001
1035	50	Biased-84Hr-Anneal	0.5994	0.6001	0.0007
1036	50	Biased-84Hr-Anneal	0.6005	0.6009	0.0004
1037	50	Biased-84Hr-Anneal	0.6006	0.6006	0
1038	50	Biased-84Hr-Anneal	0.5996	0.5998	0.0002
1039	50	Biased-84Hr-Anneal	0.5995	0.5991	-0.0004
1040	100	Unbiased-168Hr-Anneal	0.5997	0.6	0.0003
1041	100	Unbiased-168Hr-Anneal	0.5999	0.5997	-0.0002
1042	100	Unbiased-168Hr-Anneal	0.6004	0.6007	0.0003
1043	100	Unbiased-168Hr-Anneal	0.5994	0.6004	0.001
1044	100	Unbiased-168Hr-Anneal	0.6005	0.601	0.0005
1045	100	Biased-168Hr-Anneal	0.6002	0.5992	-0.001
1046	100	Biased-168Hr-Anneal	0.5998	0.6008	0.001
1047	100	Biased-168Hr-Anneal	0.6001	0.6011	0.001
1048	100	Biased-168Hr-Anneal	0.6001	0.6015	0.0014
1049	100	Biased-168Hr-Anneal	0.5991	0.6008	0.0017

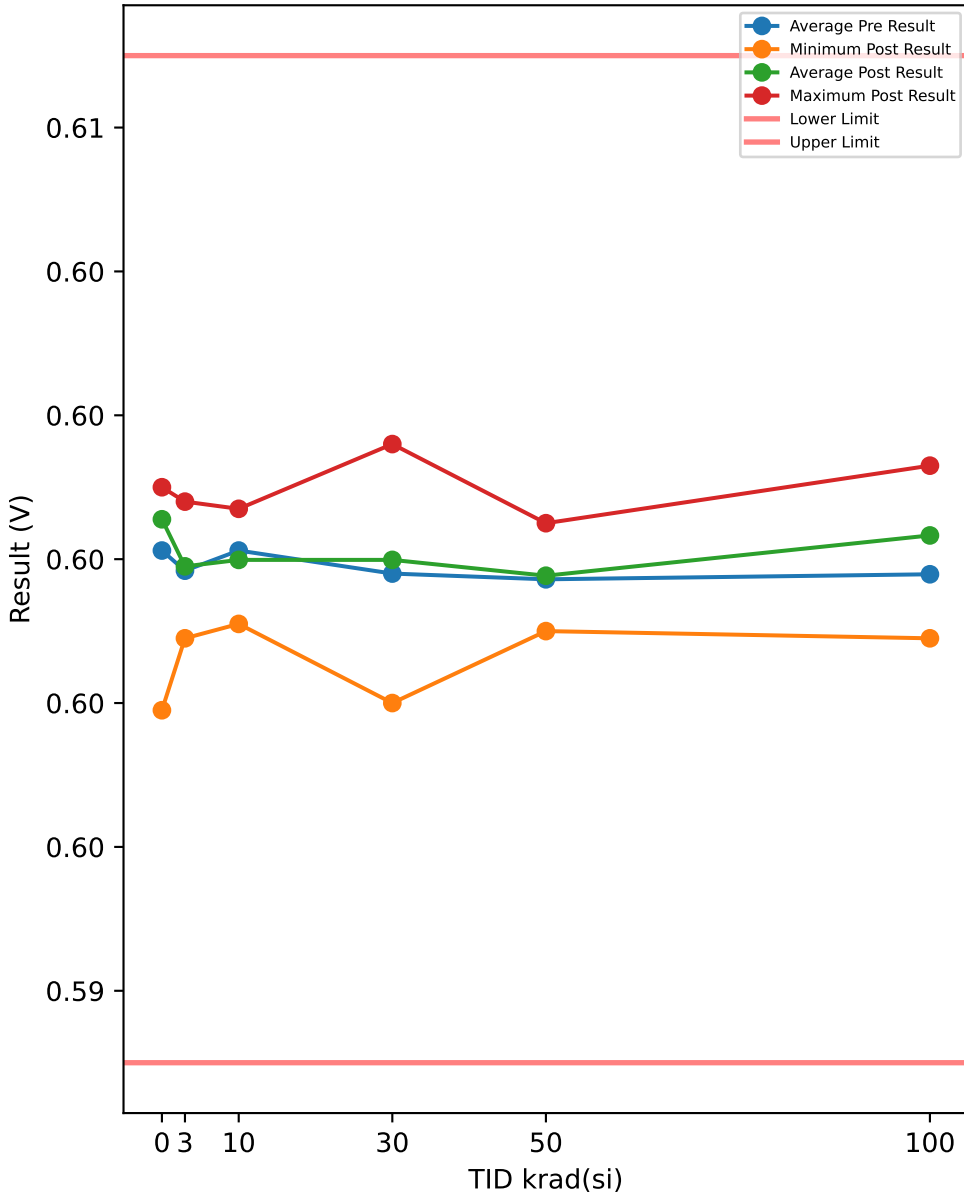
TID vs Post - Pre Exposure Delta



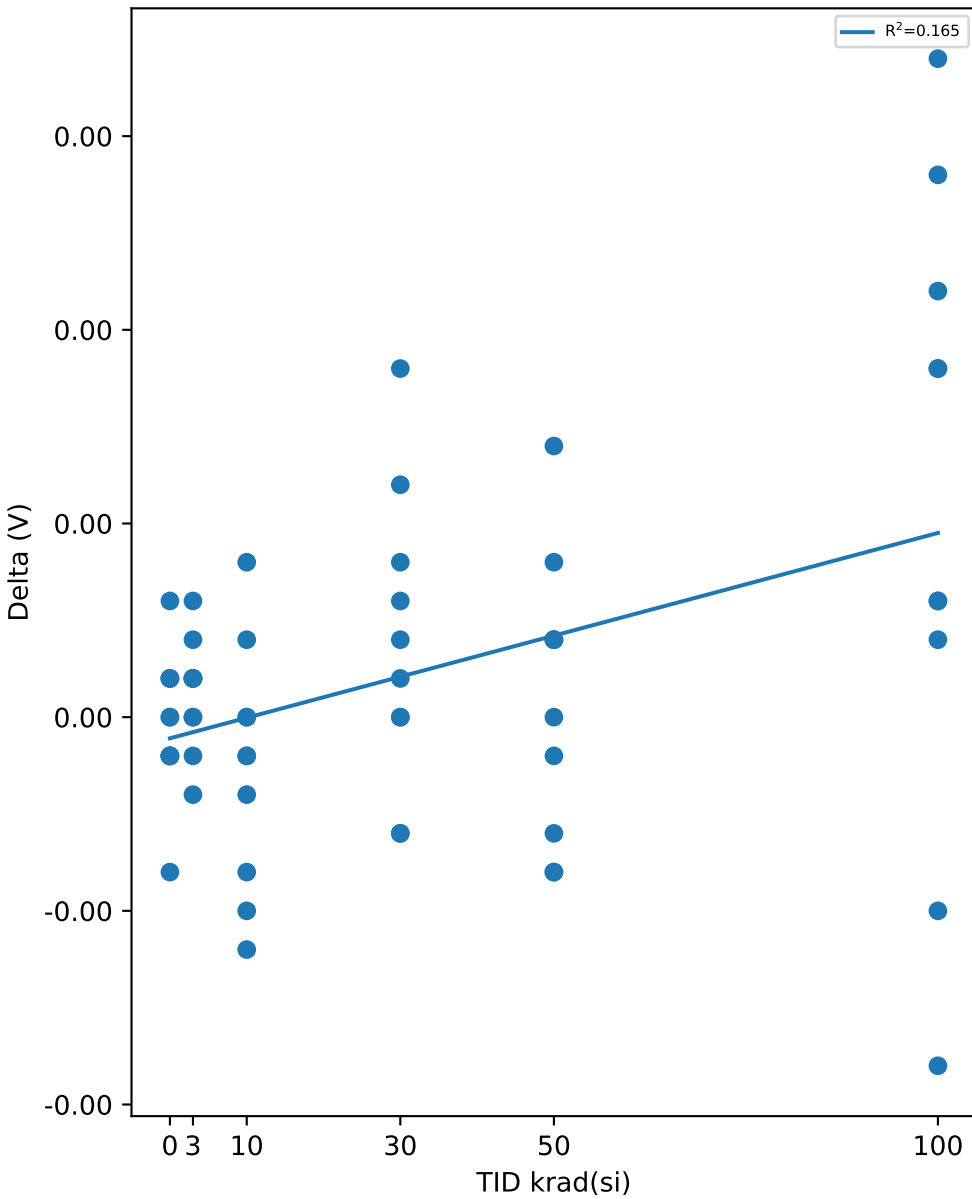
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60022	0.601	0.00069426	0.599	0.60026	0.6011	0.00082644	-0.0002	4e-05	0.0004	0.00023022
3	0.5994	0.60003	0.6006	0.00040838	0.5995	0.60008	0.6006	0.00037357	-0.0002	5e-05	0.0003	0.00015092
10	0.5991	0.59994	0.6007	0.00059292	0.5991	0.59984	0.6006	0.00045019	-0.0005	-0.0001	0.0004	0.00030185
30	0.5993	0.6	0.6007	0.00062183	0.5991	0.60024	0.6012	0.00076041	-0.0003	0.00024	0.0009	0.00034705
50	0.5991	0.59998	0.6008	0.00059404	0.5991	0.60003	0.6009	0.00062191	-0.0004	5e-05	0.0007	0.000344
100	0.5991	0.59992	0.6005	0.00043665	0.5992	0.60052	0.6015	0.00070048	-0.001	0.0006	0.0017	0.00079722

TID vs Result Stats



TID vs Post - Pre Exposure Delta



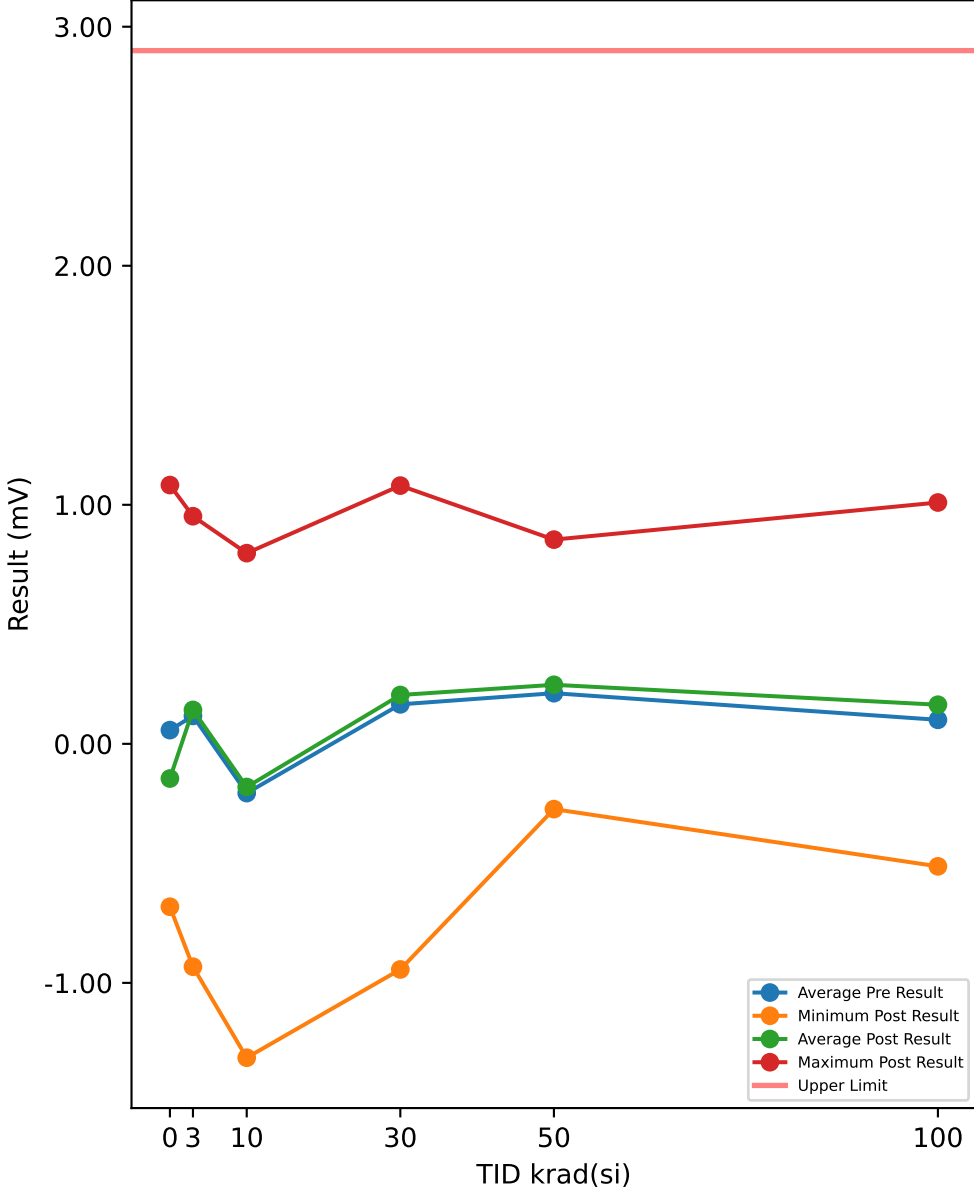
Test Results (Lower Limit = 0.593, Upper Limit = 0.607 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5983	0.5979	-0.0004
516	0	CORRELATION	0.6003	0.6006	0.0003
721	0	CORRELATION	0.6001	0.6002	0.0001
723	0	CORRELATION	0.6011	0.601	-0.0001
729	0	CORRELATION	0.6008	0.6009	0.0001
1000	3	Unbiased	0.5992	0.5992	0
1001	3	Unbiased	0.6	0.6001	0.0001
1002	3	Unbiased	0.6007	0.6008	0.0001
1003	3	Unbiased	0.6	0.5998	-0.0002
1004	3	Unbiased	0.6001	0.6	-0.0001
1005	3	Biased	0.5994	0.5994	0
1006	3	Biased	0.5995	0.5996	0.0001
1007	3	Biased	0.6005	0.6006	0.0001
1008	3	Biased	0.6003	0.6006	0.0003
1009	3	Biased	0.5987	0.5989	0.0002
1010	10	Unbiased	0.6003	0.6005	0.0002
1011	10	Unbiased	0.6013	0.6007	-0.0006
1012	10	Unbiased	0.5998	0.5994	-0.0004
1013	10	Unbiased	0.5997	0.6001	0.0004
1014	10	Unbiased	0.5998	0.5997	-0.0001
1015	10	Biased	0.6003	0.6001	-0.0002
1016	10	Biased	0.5991	0.5991	0
1017	10	Biased	0.6007	0.6002	-0.0005
1018	10	Biased	0.5997	0.5997	0
1019	10	Biased	0.6005	0.6004	-0.0001
1020	30	Unbiased	0.5987	0.5991	0.0004
1021	30	Unbiased	0.5983	0.598	-0.0003
1022	30	Unbiased	0.601	0.6016	0.0006
1023	30	Unbiased	0.6009	0.6009	0
1024	30	Unbiased	0.5992	0.5989	-0.0003
1025	30	Biased	0.5996	0.6005	0.0009
1026	30	Biased	0.6008	0.6008	0
1027	30	Biased	0.6002	0.6003	0.0001
1028	30	Biased	0.6006	0.6009	0.0003
1029	30	Biased	0.5987	0.5989	0.0002
1030	50	Unbiased	0.5995	0.5997	0.0002
1031	50	Unbiased	0.6	0.5996	-0.0004
1032	50	Unbiased	0.5993	0.5995	0.0002
1033	50	Unbiased	0.6002	0.5999	-0.0003
1034	50	Unbiased	0.6	0.5999	-0.0001
1035	50	Biased-84Hr-Anneal	0.5994	0.6001	0.0007
1036	50	Biased-84Hr-Anneal	0.6001	0.6005	0.0004
1037	50	Biased-84Hr-Anneal	0.6003	0.6003	0
1038	50	Biased-84Hr-Anneal	0.5996	0.5992	-0.0004
1039	50	Biased-84Hr-Anneal	0.5988	0.599	0.0002
1040	100	Unbiased-168Hr-Anneal	0.6003	0.6005	0.0002
1041	100	Unbiased-168Hr-Anneal	0.6002	0.5997	-0.0005
1042	100	Unbiased-168Hr-Anneal	0.6004	0.6007	0.0003
1043	100	Unbiased-168Hr-Anneal	0.599	0.5999	0.0009
1044	100	Unbiased-168Hr-Anneal	0.6006	0.6009	0.0003
1045	100	Biased-168Hr-Anneal	0.5998	0.5989	-0.0009
1046	100	Biased-168Hr-Anneal	0.5993	0.6004	0.0011
1047	100	Biased-168Hr-Anneal	0.5992	0.6001	0.0009
1048	100	Biased-168Hr-Anneal	0.5999	0.6013	0.0014
1049	100	Biased-168Hr-Anneal	0.5992	0.6009	0.0017

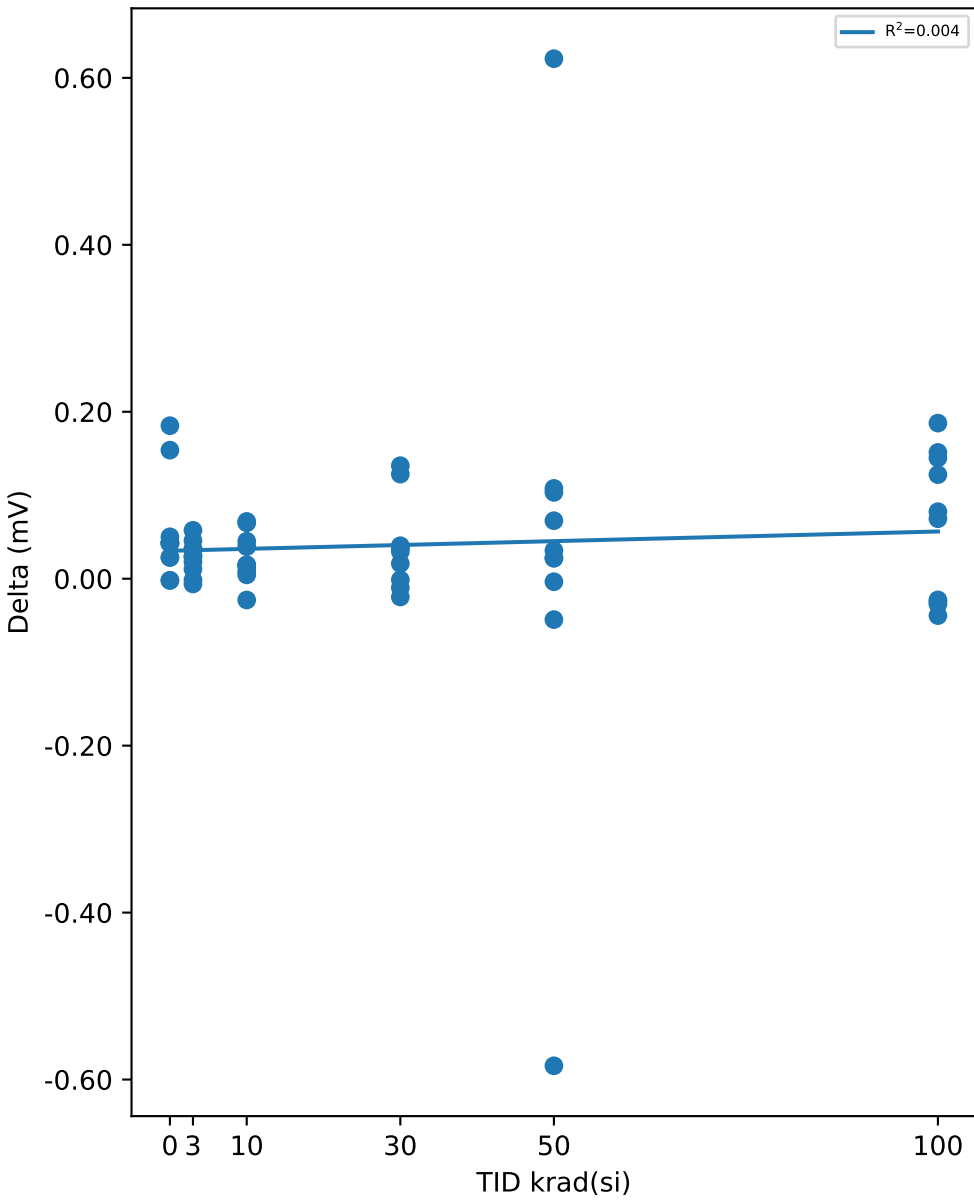
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5983	0.60012	0.6011	0.0010918	0.5979	0.60012	0.601	0.0012795	-0.0004	0	0.0003	0.00026458
3	0.5987	0.59984	0.6007	0.00062574	0.5989	0.5999	0.6008	0.00063944	-0.0002	6e-05	0.0003	0.00014298
10	0.5991	0.60012	0.6013	0.00062681	0.5991	0.59999	0.6007	0.00050651	-0.0006	-0.00013	0.0004	0.0003093
30	0.5983	0.5998	0.601	0.0010285	0.598	0.59999	0.6016	0.0011733	-0.0003	0.00019	0.0009	0.00037845
50	0.5988	0.59972	0.6003	0.00047796	0.599	0.59977	0.6005	0.00046916	-0.0004	5e-05	0.0007	0.00035978
100	0.599	0.59979	0.6006	0.00058013	0.5989	0.60033	0.6013	0.00070246	-0.0009	0.00054	0.0017	0.00081948

TID vs Result Stats



TID vs Post - Pre Exposure Delta



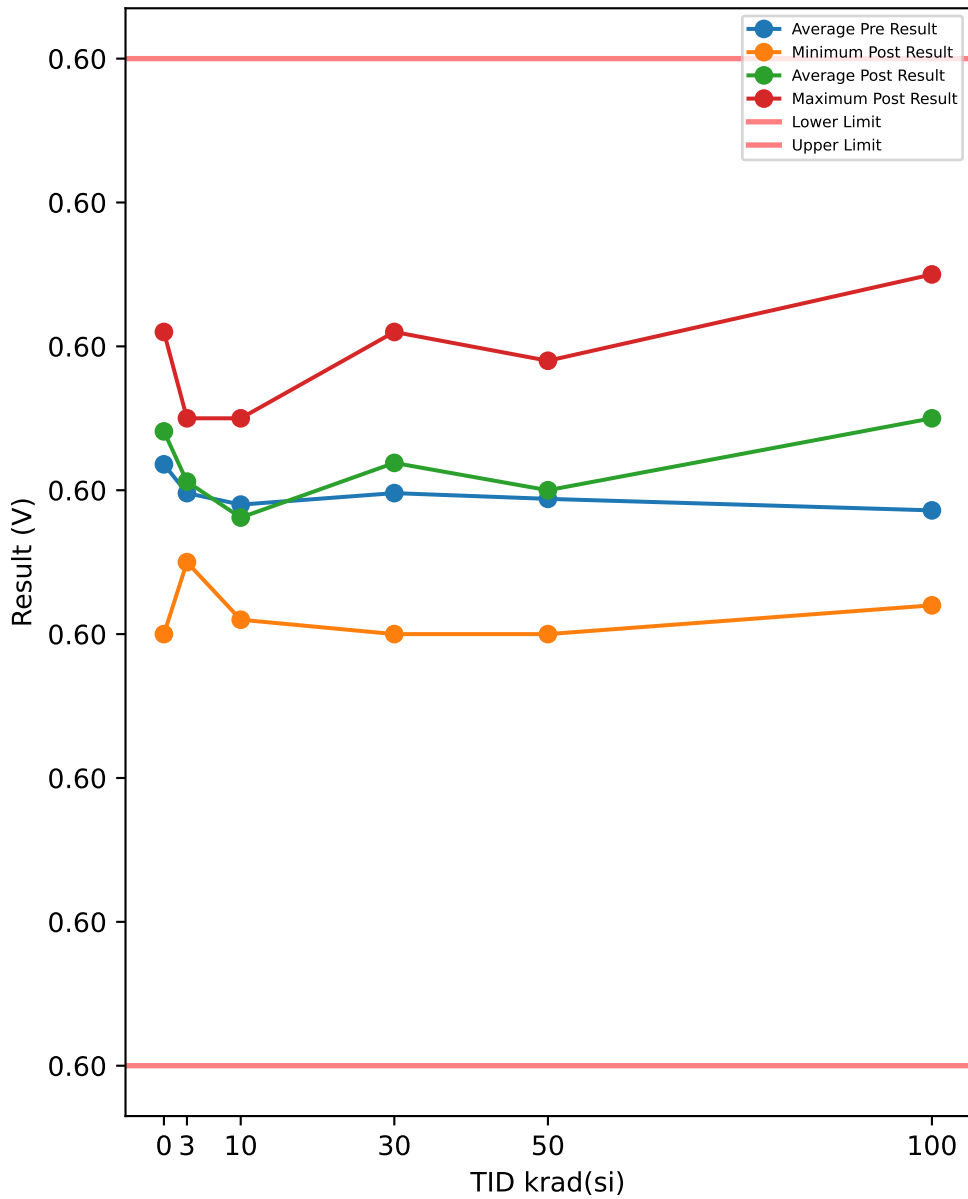
Test Results (Upper Limit = 2.9 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.8993	1.0826	0.1833
516	0	CORRELATION	0.3635	0.5175	0.154
721	0	CORRELATION	-0.1461	-0.0959	0.0502
723	0	CORRELATION	-0.1225	-0.0799	0.0426
729	0	CORRELATION	-0.707	-0.6643	0.0427
1000	3	Unbiased	0.8536	0.8993	0.0457
1001	3	Unbiased	0.1096	0.1676	0.058
1002	3	Unbiased	-0.4499	-0.4227	0.0272
1003	3	Unbiased	0.0214	0.0329	0.0115
1004	3	Unbiased	0.447	0.4407	-0.0063
1005	3	Biased	0.2093	0.2078	-0.0015
1006	3	Biased	0.9259	0.9522	0.0263
1007	3	Biased	-0.5716	-0.5513	0.0203
1008	3	Biased	-0.9665	-0.9324	0.0341
1009	3	Biased	0.5889	0.6252	0.0363
1010	10	Unbiased	0.053	0.0275	-0.0255
1011	10	Unbiased	-0.6025	-0.5641	0.0384
1012	10	Unbiased	0.7817	0.7977	0.016
1013	10	Unbiased	-0.2393	-0.2304	0.0089
1014	10	Unbiased	-0.4283	-0.4115	0.0168
1015	10	Biased	-0.4939	-0.4784	0.0155
1016	10	Biased	0.3884	0.393	0.0046
1017	10	Biased	-0.1616	-0.0947	0.0669
1018	10	Biased	0	0.0686	0.0686
1019	10	Biased	-1.358	-1.3131	0.0449
1020	30	Unbiased	0.8224	0.8116	-0.0108
1021	30	Unbiased	0.9449	1.0803	0.1354
1022	30	Unbiased	-0.3884	-0.4103	-0.0219
1023	30	Unbiased	-0.9833	-0.9438	0.0395
1024	30	Unbiased	0.0674	0.1051	0.0377
1025	30	Biased	-0.0212	0.0156	0.0368
1026	30	Biased	-0.1613	-0.036	0.1253
1027	30	Biased	0.4833	0.482	-0.0013
1028	30	Biased	0.0446	0.0628	0.0182
1029	30	Biased	0.8438	0.8763	0.0325
1030	50	Unbiased	0.9033	0.8543	-0.049
1031	50	Unbiased	-0.2977	-0.2731	0.0246
1032	50	Unbiased	-0.1984	-0.1646	0.0338
1033	50	Unbiased	0.5307	0.5271	-0.0036
1034	50	Unbiased	0.0696	0.1391	0.0695
1035	50	Biased-84Hr-Anneal	-0.1057	0.0025	0.1082
1036	50	Biased-84Hr-Anneal	0.3111	0.4145	0.1034
1037	50	Biased-84Hr-Anneal	0.2725	0.2972	0.0247
1038	50	Biased-84Hr-Anneal	0.0204	0.6434	0.623
1039	50	Biased-84Hr-Anneal	0.6129	0.0294	-0.5835
1040	100	Unbiased-168Hr-Anneal	-0.6372	-0.5125	0.1247
1041	100	Unbiased-168Hr-Anneal	-0.3234	-0.137	0.1864
1042	100	Unbiased-168Hr-Anneal	-0.0769	0.0034	0.0803
1043	100	Unbiased-168Hr-Anneal	0.3392	0.4905	0.1513
1044	100	Unbiased-168Hr-Anneal	-0.0975	0.0472	0.1447
1045	100	Biased-168Hr-Anneal	0.3455	0.315	-0.0305
1046	100	Biased-168Hr-Anneal	0.3758	0.3504	-0.0254
1047	100	Biased-168Hr-Anneal	0.9377	1.0096	0.0719
1048	100	Biased-168Hr-Anneal	0.1946	0.1504	-0.0442
1049	100	Biased-168Hr-Anneal	-0.0531	-0.0808	-0.0277

Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.707	0.05744	0.8993	0.60427	-0.6643	0.152	1.0826	0.66731	0.0426	0.09456	0.1833	0.068493
3	-0.9665	0.11677	0.9259	0.62501	-0.9324	0.14193	0.9522	0.62569	-0.0063	0.02516	0.058	0.020057
10	-1.358	-0.20605	0.7817	0.58291	-1.3131	-0.18054	0.7977	0.57474	-0.0255	0.02551	0.0686	0.029238
30	-0.9833	0.16522	0.9449	0.61396	-0.9438	0.20436	1.0803	0.62218	-0.0219	0.03914	0.1354	0.052742
50	-0.2977	0.21187	0.9033	0.38583	-0.2731	0.24698	0.8543	0.36418	-0.5835	0.03511	0.623	0.28834
100	-0.6372	0.10047	0.9377	0.43725	-0.5125	0.16362	1.0096	0.4119	-0.0442	0.06315	0.1864	0.088292

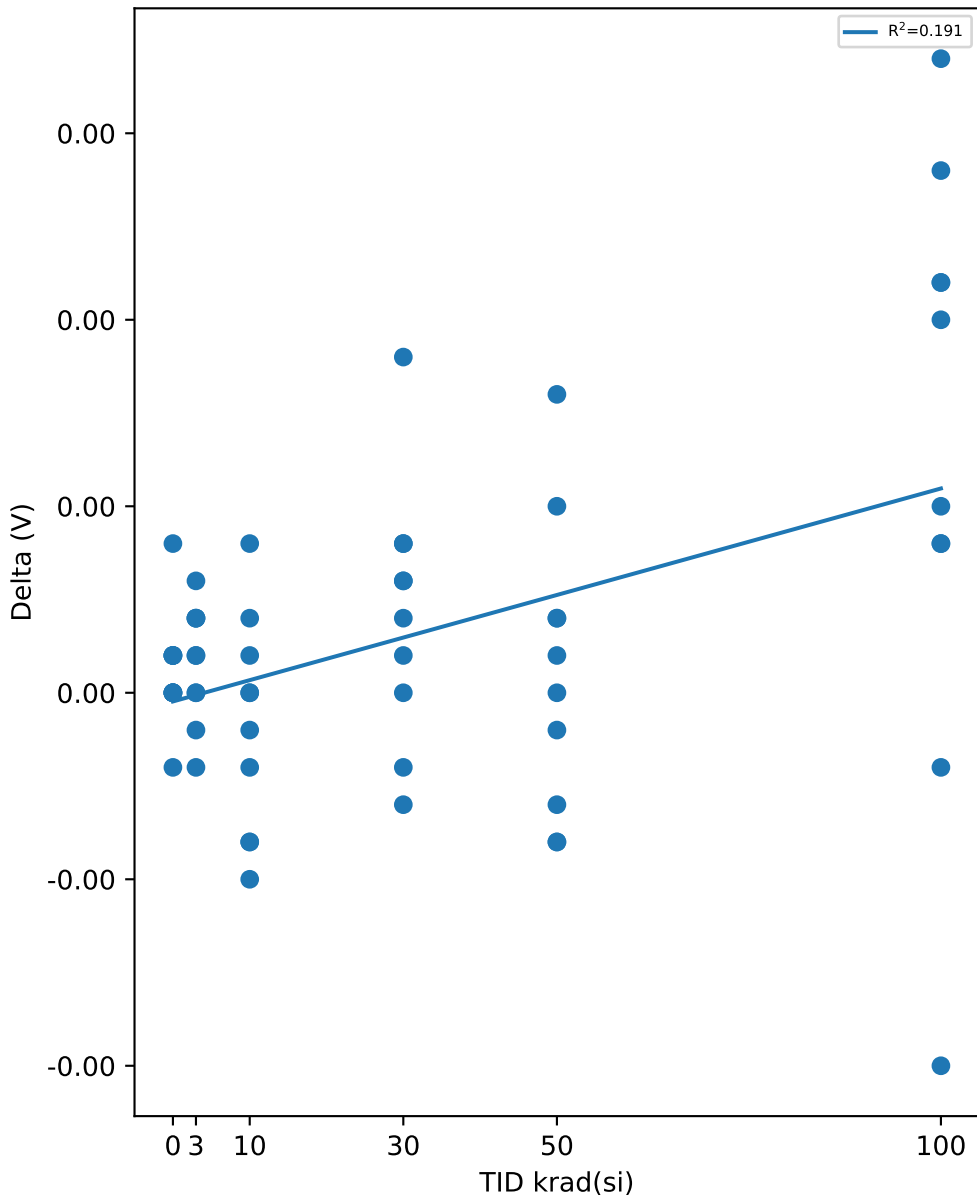
TID vs Result Stats



Test Results (Lower Limit = 0.596, Upper Limit = 0.603 (V))

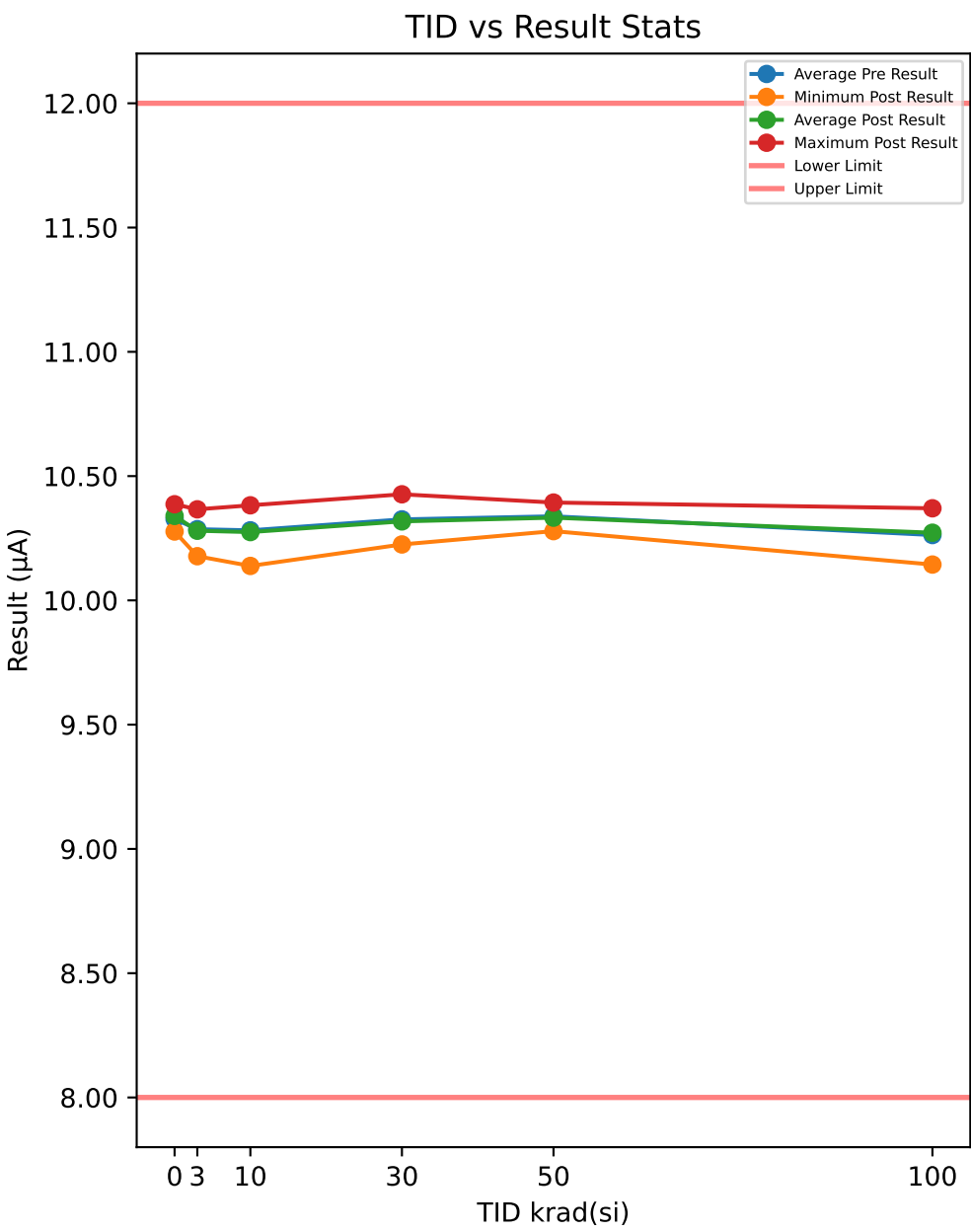
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5992	0.599	-0.0002
516	0	CORRELATION	0.6007	0.6011	0.0004
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6009	0.6009	0
729	0	CORRELATION	0.6001	0.6002	0.0001
1000	3	Unbiased	0.6001	0.6001	0
1001	3	Unbiased	0.6001	0.6003	0.0002
1002	3	Unbiased	0.6003	0.6004	0.0001
1003	3	Unbiased	0.6	0.5999	-0.0001
1004	3	Unbiased	0.6006	0.6004	-0.0002
1005	3	Biased	0.5997	0.5997	0
1006	3	Biased	0.6004	0.6005	0.0001
1007	3	Biased	0.5999	0.6001	0.0002
1008	3	Biased	0.5994	0.5997	0.0003
1009	3	Biased	0.5993	0.5995	0.0002
1010	10	Unbiased	0.6003	0.6005	0.0002
1011	10	Unbiased	0.6006	0.6002	-0.0004
1012	10	Unbiased	0.6006	0.6002	-0.0004
1013	10	Unbiased	0.5994	0.5998	0.0004
1014	10	Unbiased	0.5994	0.5993	-0.0001
1015	10	Biased	0.5998	0.5996	-0.0002
1016	10	Biased	0.5995	0.5995	0
1017	10	Biased	0.6006	0.6001	-0.0005
1018	10	Biased	0.5997	0.5998	0.0001
1019	10	Biased	0.5991	0.5991	0
1020	30	Unbiased	0.5995	0.5999	0.0004
1021	30	Unbiased	0.5993	0.5991	-0.0002
1022	30	Unbiased	0.6007	0.6011	0.0004
1023	30	Unbiased	0.5999	0.5999	0
1024	30	Unbiased	0.5993	0.599	-0.0003
1025	30	Biased	0.5996	0.6005	0.0009
1026	30	Biased	0.6006	0.6008	0.0002
1027	30	Biased	0.6007	0.6008	0.0001
1028	30	Biased	0.6007	0.601	0.0003
1029	30	Biased	0.5995	0.5998	0.0003
1030	50	Unbiased	0.6005	0.6006	0.0001
1031	50	Unbiased	0.5997	0.5993	-0.0004
1032	50	Unbiased	0.5991	0.5993	0.0002
1033	50	Unbiased	0.6007	0.6004	-0.0003
1034	50	Unbiased	0.6001	0.6	-0.0001
1035	50	Biased-84Hr-Anneal	0.5993	0.6001	0.0008
1036	50	Biased-84Hr-Anneal	0.6004	0.6009	0.0005
1037	50	Biased-84Hr-Anneal	0.6006	0.6006	0
1038	50	Biased-84Hr-Anneal	0.5996	0.5998	0.0002
1039	50	Biased-84Hr-Anneal	0.5994	0.599	-0.0004
1040	100	Unbiased-168Hr-Anneal	0.5996	0.6	0.0004
1041	100	Unbiased-168Hr-Anneal	0.5998	0.5996	-0.0002
1042	100	Unbiased-168Hr-Anneal	0.6003	0.6007	0.0004
1043	100	Unbiased-168Hr-Anneal	0.5993	0.6004	0.0011
1044	100	Unbiased-168Hr-Anneal	0.6004	0.6009	0.0005
1045	100	Biased-168Hr-Anneal	0.6002	0.5992	-0.001
1046	100	Biased-168Hr-Anneal	0.5997	0.6008	0.0011
1047	100	Biased-168Hr-Anneal	0.6001	0.6011	0.001
1048	100	Biased-168Hr-Anneal	0.6001	0.6015	0.0014
1049	100	Biased-168Hr-Anneal	0.5991	0.6008	0.0017

TID vs Post - Pre Exposure Delta



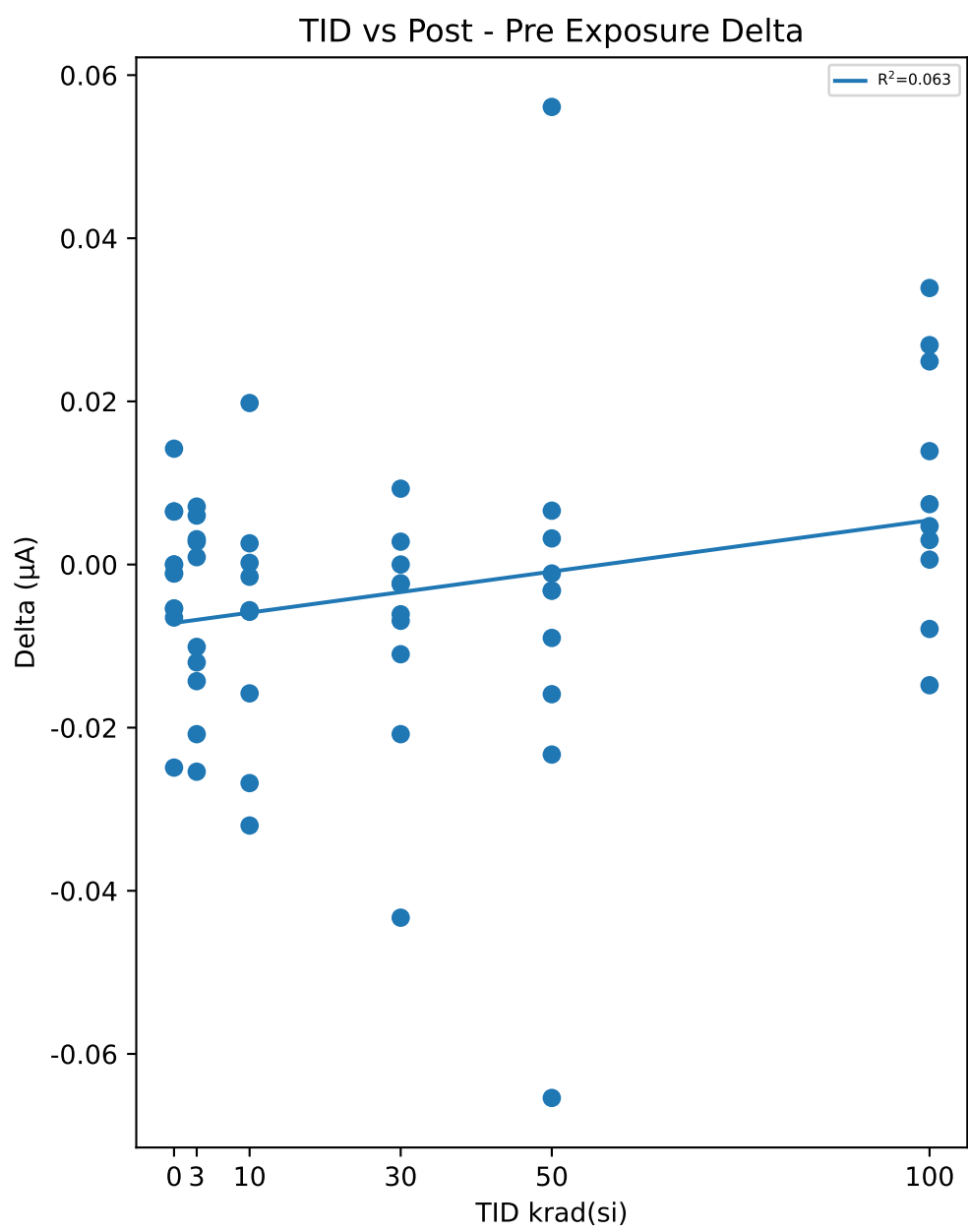
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5992	0.60018	0.6009	0.00066858	0.599	0.60024	0.6011	0.00083247	-0.0002	6e-05	0.0004	0.00021909
3	0.5993	0.59998	0.6006	0.00041846	0.5995	0.60006	0.6005	0.00034705	-0.0002	8e-05	0.0003	0.00015492
10	0.5991	0.5999	0.6006	0.00057542	0.5991	0.59981	0.6005	0.00044335	-0.0005	-9e-05	0.0004	0.00028848
30	0.5993	0.59998	0.6007	0.00062147	0.599	0.60019	0.6011	0.00076369	-0.0003	0.00021	0.0009	0.0003414
50	0.5991	0.59994	0.6007	0.00059104	0.599	0.6	0.6009	0.00064291	-0.0004	6e-05	0.0008	0.0003893
100	0.5991	0.59986	0.6004	0.00043512	0.5992	0.6005	0.6015	0.00070711	-0.001	0.00064	0.0017	0.00080166



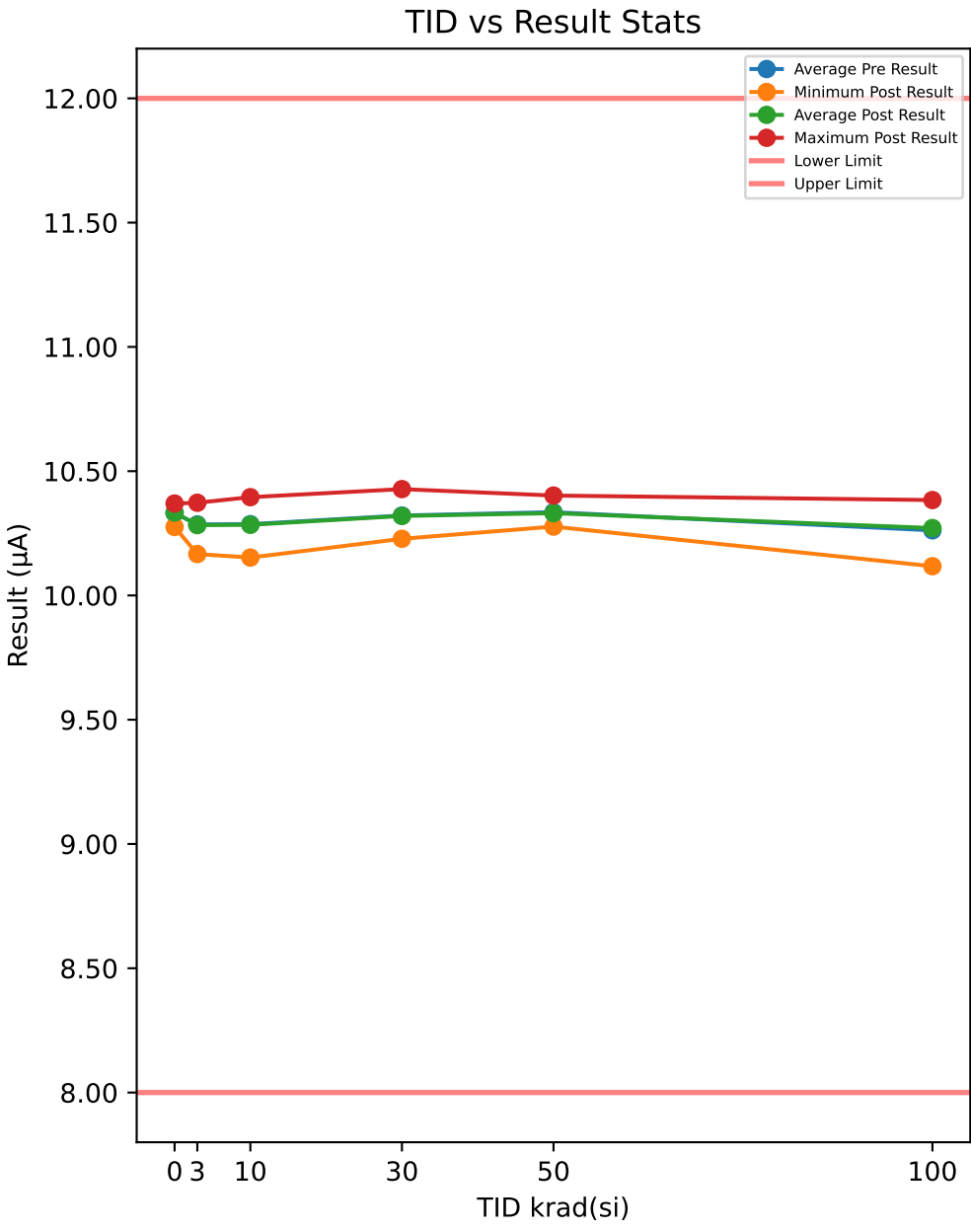
Test Results (Lower Limit = 8.0, Upper Limit = 12.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	10.291	10.305	0.0142
516	0	CORRELATION	10.356	10.331	-0.0249
721	0	CORRELATION	10.284	10.277	-0.0065
723	0	CORRELATION	10.387	10.381	-0.0054
729	0	CORRELATION	10.32	10.319	-0.0011
1000	3	Unbiased	10.28	10.283	0.0031
1001	3	Unbiased	10.19	10.178	-0.012
1002	3	Unbiased	10.304	10.29	-0.0143
1003	3	Unbiased	10.223	10.213	-0.0101
1004	3	Unbiased	10.307	10.281	-0.0254
1005	3	Biased	10.287	10.29	0.0028
1006	3	Biased	10.31	10.316	0.006
1007	3	Biased	10.387	10.366	-0.0208
1008	3	Biased	10.22	10.227	0.0071
1009	3	Biased	10.357	10.358	0.0009
1010	10	Unbiased	10.133	10.153	0.0198
1011	10	Unbiased	10.144	10.139	-0.0056
1012	10	Unbiased	10.255	10.249	-0.0058
1013	10	Unbiased	10.369	10.37	0.0002
1014	10	Unbiased	10.398	10.383	-0.0158
1015	10	Biased	10.333	10.332	-0.0015
1016	10	Biased	10.224	10.227	0.0026
1017	10	Biased	10.299	10.267	-0.032
1018	10	Biased	10.307	10.281	-0.0268
1019	10	Biased	10.355	10.349	-0.0057
1020	30	Unbiased	10.237	10.23	-0.0069
1021	30	Unbiased	10.281	10.279	-0.0023
1022	30	Unbiased	10.429	10.427	-0.0024
1023	30	Unbiased	10.301	10.28	-0.0208
1024	30	Unbiased	10.375	10.364	-0.011
1025	30	Biased	10.311	10.311	0
1026	30	Biased	10.328	10.337	0.0093
1027	30	Biased	10.326	10.329	0.0028
1028	30	Biased	10.403	10.396	-0.0061
1029	30	Biased	10.268	10.225	-0.0433
1030	50	Unbiased	10.395	10.394	-0.0011
1031	50	Unbiased	10.343	10.32	-0.0233
1032	50	Unbiased	10.372	10.375	0.0032
1033	50	Unbiased	10.367	10.351	-0.0159
1034	50	Unbiased	10.382	10.373	-0.009
1035	50	Biased-84Hr-Anneal	10.29	10.287	-0.0032
1036	50	Biased-84Hr-Anneal	10.326	10.333	0.0066
1037	50	Biased-84Hr-Anneal	10.282	10.279	-0.0032
1038	50	Biased-84Hr-Anneal	10.351	10.286	-0.0654
1039	50	Biased-84Hr-Anneal	10.275	10.331	0.0561
1040	100	Unbiased-168Hr-Anneal	10.137	10.144	0.0074
1041	100	Unbiased-168Hr-Anneal	10.249	10.234	-0.0148
1042	100	Unbiased-168Hr-Anneal	10.367	10.37	0.003
1043	100	Unbiased-168Hr-Anneal	10.301	10.293	-0.0079
1044	100	Unbiased-168Hr-Anneal	10.318	10.322	0.0047
1045	100	Biased-168Hr-Anneal	10.291	10.292	0.0006
1046	100	Biased-168Hr-Anneal	10.309	10.343	0.0339
1047	100	Biased-168Hr-Anneal	10.241	10.255	0.0139
1048	100	Biased-168Hr-Anneal	10.208	10.235	0.0269
1049	100	Biased-168Hr-Anneal	10.208	10.233	0.0249



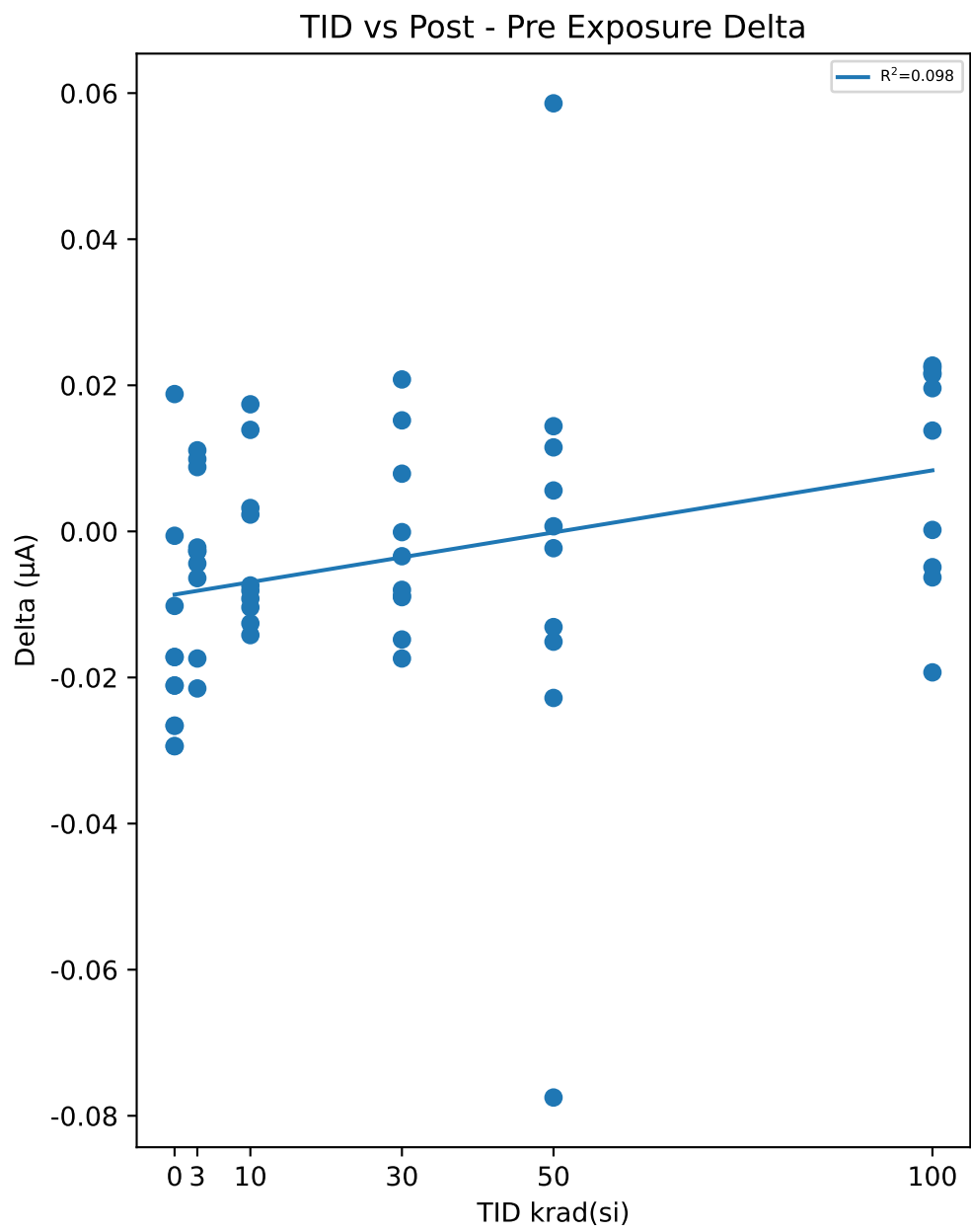
Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.284	10.327	10.387	0.043672	10.277	10.323	10.381	0.038429	-0.0249	-0.00474	0.0142	0.013982
3	10.19	10.286	10.387	0.061636	10.178	10.28	10.366	0.060306	-0.0254	-0.00627	0.0071	0.011737
10	10.133	10.282	10.398	0.091472	10.139	10.275	10.383	0.085528	-0.032	-0.00706	0.0198	0.014877
30	10.237	10.326	10.429	0.06061	10.225	10.318	10.427	0.066686	-0.0433	-0.00807	0.0093	0.014785
50	10.275	10.338	10.395	0.043333	10.279	10.333	10.394	0.040569	-0.0654	-0.00552	0.0561	0.029948
100	10.137	10.263	10.367	0.067515	10.144	10.272	10.37	0.065966	-0.0148	0.00926	0.0339	0.015621



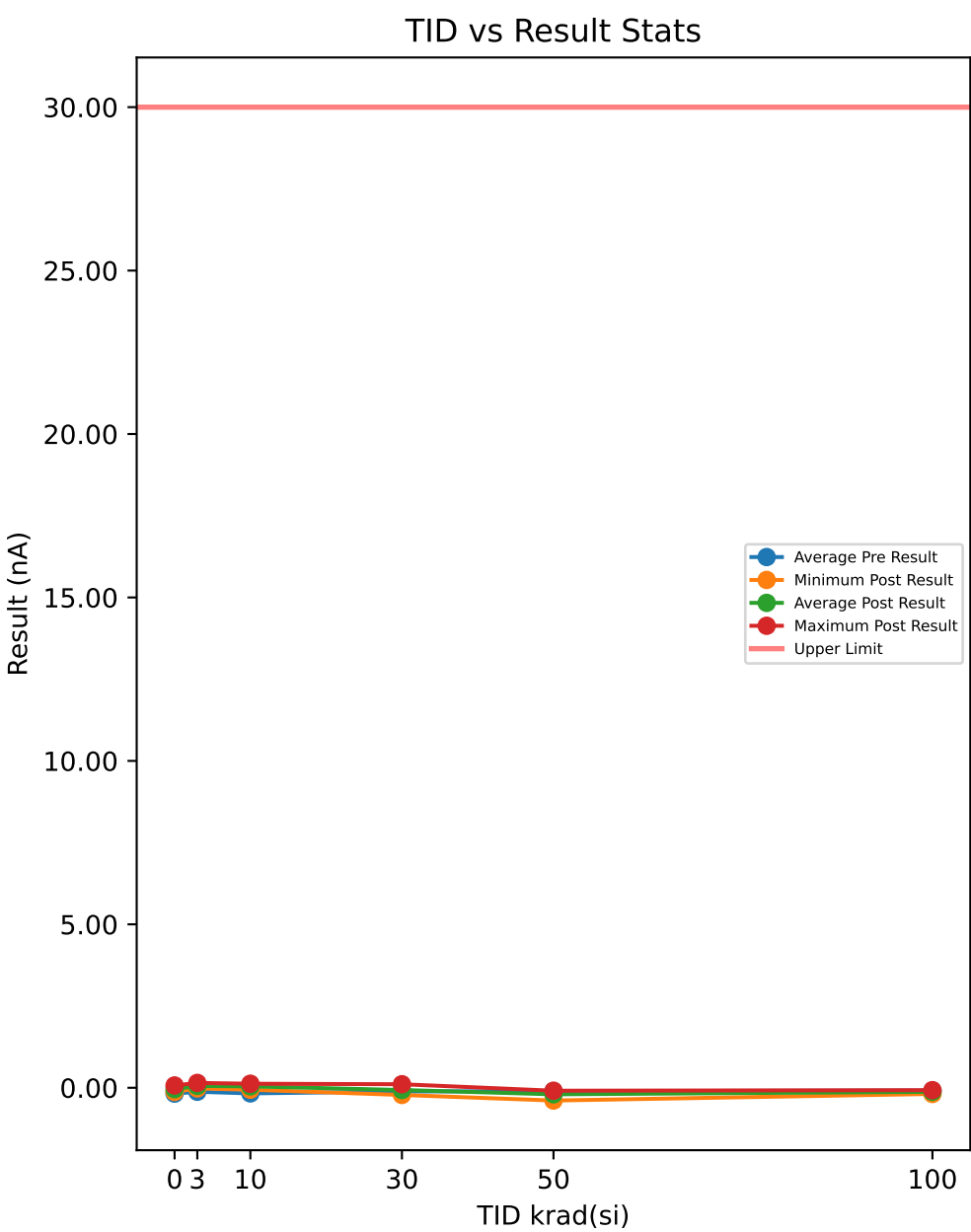
Test Results (Lower Limit = 8.0, Upper Limit = 12.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	10.286	10.305	0.0188
516	0	CORRELATION	10.356	10.356	-0.0006
721	0	CORRELATION	10.286	10.275	-0.0102
723	0	CORRELATION	10.396	10.37	-0.0266
729	0	CORRELATION	10.334	10.317	-0.0172
1000	3	Unbiased	10.281	10.275	-0.0064
1001	3	Unbiased	10.188	10.166	-0.0215
1002	3	Unbiased	10.303	10.301	-0.0027
1003	3	Unbiased	10.229	10.225	-0.0044
1004	3	Unbiased	10.288	10.297	0.0088
1005	3	Biased	10.292	10.29	-0.0022
1006	3	Biased	10.308	10.318	0.0099
1007	3	Biased	10.39	10.373	-0.0174
1008	3	Biased	10.221	10.232	0.0111
1009	3	Biased	10.356	10.353	-0.0027
1010	10	Unbiased	10.15	10.152	0.0023
1011	10	Unbiased	10.172	10.158	-0.0142
1012	10	Unbiased	10.267	10.254	-0.0126
1013	10	Unbiased	10.369	10.383	0.0139
1014	10	Unbiased	10.405	10.395	-0.0092
1015	10	Biased	10.339	10.332	-0.0074
1016	10	Biased	10.222	10.24	0.0174
1017	10	Biased	10.285	10.277	-0.0081
1018	10	Biased	10.298	10.301	0.0032
1019	10	Biased	10.36	10.35	-0.0104
1020	30	Unbiased	10.237	10.228	-0.009
1021	30	Unbiased	10.273	10.281	0.0079
1022	30	Unbiased	10.428	10.428	-0.0001
1023	30	Unbiased	10.273	10.293	0.0208
1024	30	Unbiased	10.37	10.361	-0.0088
1025	30	Biased	10.315	10.311	-0.0034
1026	30	Biased	10.319	10.334	0.0152
1027	30	Biased	10.342	10.325	-0.0174
1028	30	Biased	10.416	10.401	-0.0148
1029	30	Biased	10.245	10.237	-0.008
1030	50	Unbiased	10.387	10.402	0.0144
1031	50	Unbiased	10.32	10.332	0.0115
1032	50	Unbiased	10.358	10.363	0.0056
1033	50	Unbiased	10.37	10.347	-0.0228
1034	50	Unbiased	10.383	10.37	-0.0131
1035	50	Biased-84Hr-Anneal	10.289	10.29	0.0007
1036	50	Biased-84Hr-Anneal	10.328	10.313	-0.0151
1037	50	Biased-84Hr-Anneal	10.281	10.279	-0.0023
1038	50	Biased-84Hr-Anneal	10.354	10.277	-0.0775
1039	50	Biased-84Hr-Anneal	10.278	10.337	0.0586
1040	100	Unbiased-168Hr-Anneal	10.124	10.117	-0.0063
1041	100	Unbiased-168Hr-Anneal	10.264	10.245	-0.0193
1042	100	Unbiased-168Hr-Anneal	10.37	10.384	0.0138
1043	100	Unbiased-168Hr-Anneal	10.291	10.291	0.0002
1044	100	Unbiased-168Hr-Anneal	10.316	10.338	0.0217
1045	100	Biased-168Hr-Anneal	10.296	10.291	-0.0049
1046	100	Biased-168Hr-Anneal	10.313	10.336	0.0224
1047	100	Biased-168Hr-Anneal	10.245	10.265	0.0196
1048	100	Biased-168Hr-Anneal	10.206	10.228	0.0227
1049	100	Biased-168Hr-Anneal	10.194	10.215	0.0215



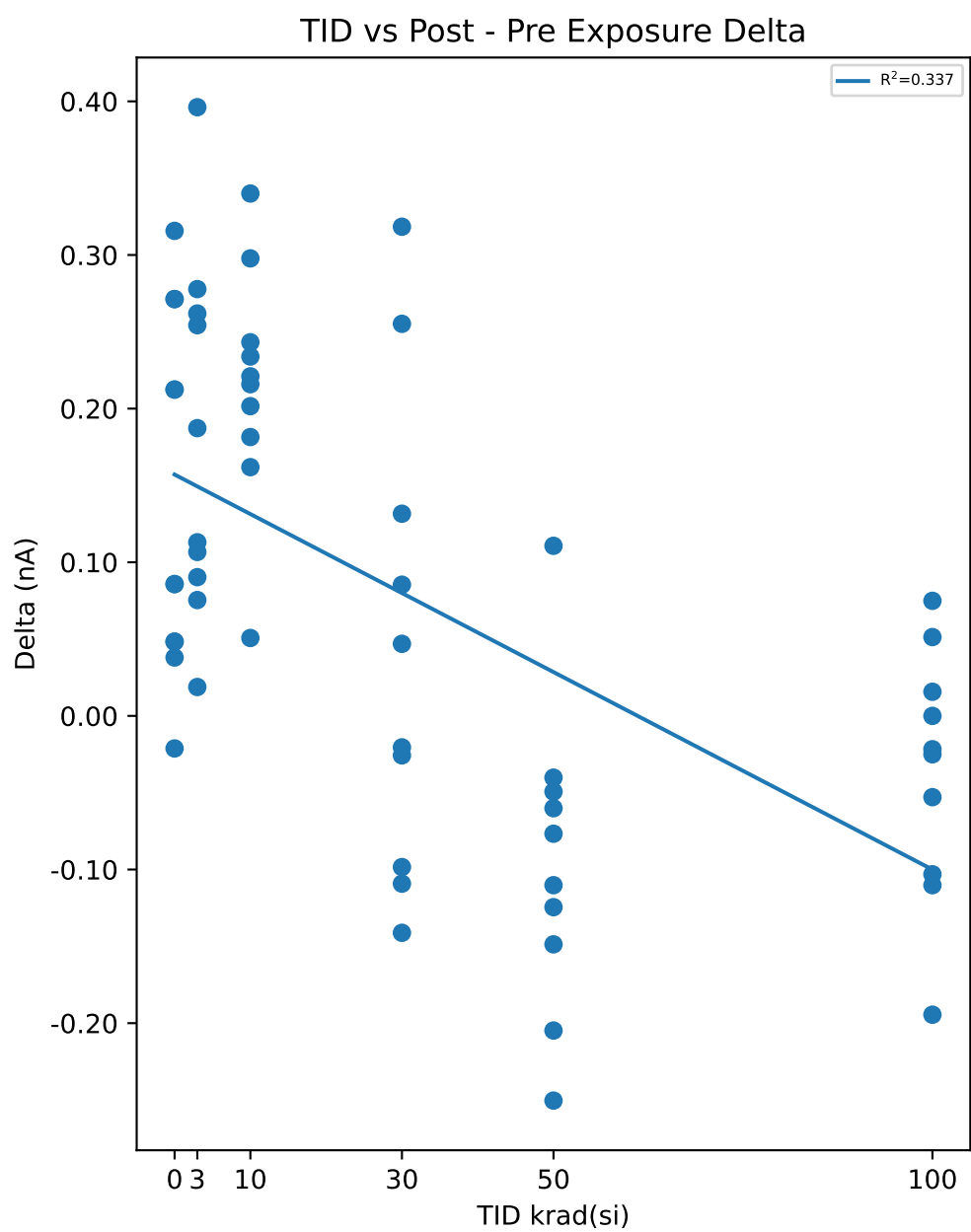
Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	10.286	10.332	10.396	0.047525	10.275	10.325	10.37	0.038389	-0.0266	-0.00716	0.0188	0.017356
3	10.188	10.286	10.39	0.061176	10.166	10.283	10.373	0.061825	-0.0215	-0.00275	0.0111	0.010892
10	10.15	10.287	10.405	0.085173	10.152	10.284	10.395	0.085118	-0.0142	-0.00251	0.0174	0.011166
30	10.237	10.322	10.428	0.067326	10.228	10.32	10.428	0.064802	-0.0174	-0.00176	0.0208	0.012697
50	10.278	10.335	10.387	0.041722	10.277	10.331	10.402	0.041501	-0.0775	-0.004	0.0586	0.034281
100	10.124	10.262	10.37	0.071903	10.117	10.271	10.384	0.075642	-0.0193	0.00914	0.0227	0.015368



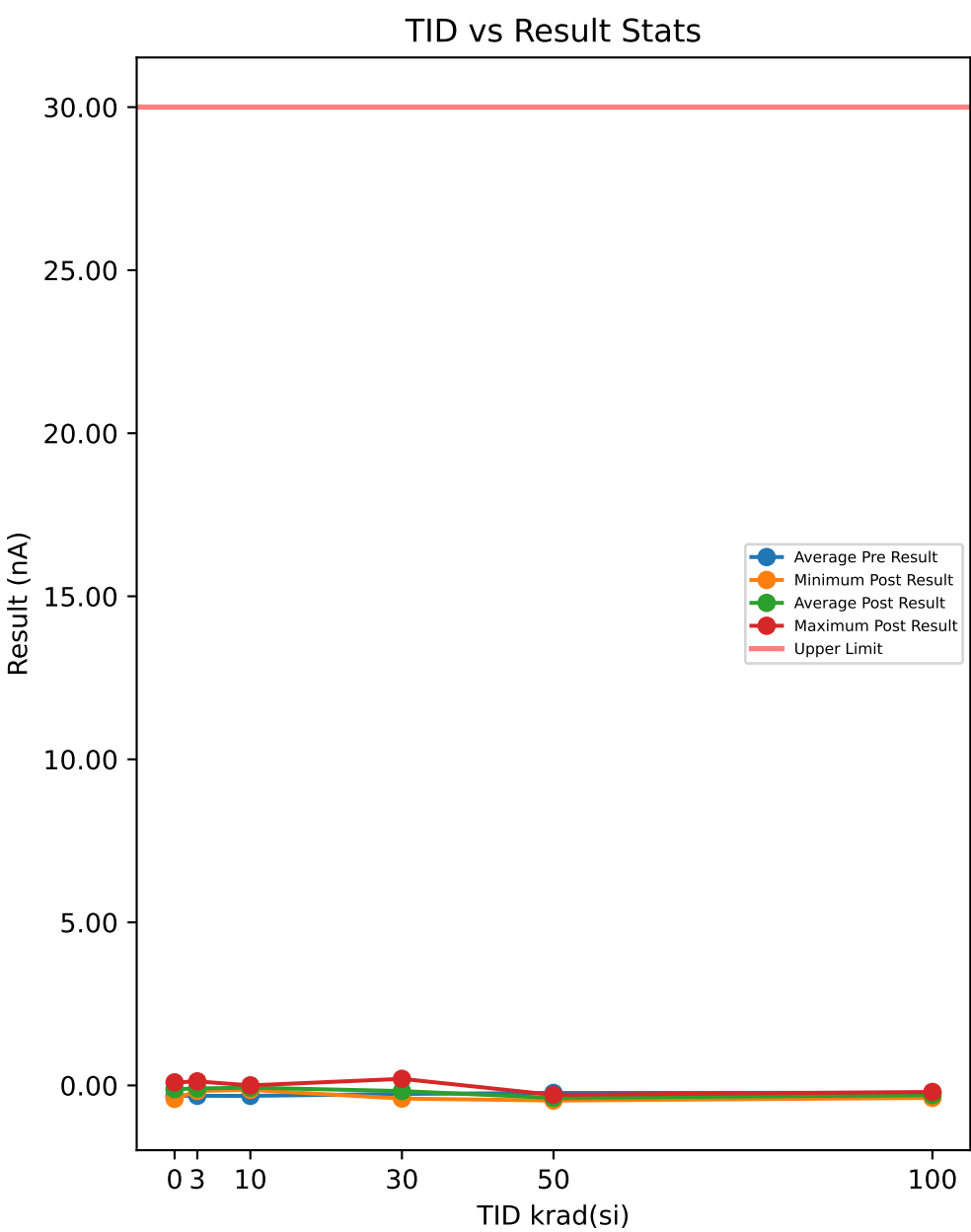
Test Results (Upper Limit = 30.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	-0.1005	-0.1217	-0.0212
516	0	CORRELATION	-0.0793	-0.0413	0.038
721	0	CORRELATION	-0.3408	-0.0251	0.3157
723	0	CORRELATION	-0.2012	0.0701	0.2713
729	0	CORRELATION	-0.1762	0.0362	0.2124
1000	3	Unbiased	-0.0537	0.0217	0.0754
1001	3	Unbiased	-0.248	0.1482	0.3962
1002	3	Unbiased	-0.0381	-0.0193	0.0188
1003	3	Unbiased	-0.1636	0.1142	0.2778
1004	3	Unbiased	-0.1654	0.0889	0.2543
1005	3	Biased	-0.2605	0.0014	0.2619
1006	3	Biased	-0.06	0.0467	0.1067
1007	3	Biased	-0.0513	0.0617	0.113
1008	3	Biased	-0.098	0.0893	0.1873
1009	3	Biased	-0.078	0.0123	0.0903
1010	10	Unbiased	-0.1199	0.042	0.1619
1011	10	Unbiased	-0.1885	0.0274	0.2159
1012	10	Unbiased	-0.1685	0.0331	0.2016
1013	10	Unbiased	-0.1598	0.0217	0.1815
1014	10	Unbiased	-0.2168	0.1232	0.34
1015	10	Biased	-0.2043	0.0389	0.2432
1016	10	Biased	-0.1099	0.1111	0.221
1017	10	Biased	-0.2324	0.0654	0.2978
1018	10	Biased	-0.1105	-0.0598	0.0507
1019	10	Biased	-0.2122	0.0217	0.2339
1020	30	Unbiased	-0.2184	0.0368	0.2552
1021	30	Unbiased	-0.0943	0.0373	0.1316
1022	30	Unbiased	-0.2104	0.108	0.3184
1023	30	Unbiased	-0.0069	-0.1481	-0.1412
1024	30	Unbiased	-0.0607	-0.1591	-0.0984
1025	30	Biased	-0.0949	-0.0095	0.0854
1026	30	Biased	-0.113	-0.0661	0.0469
1027	30	Biased	-0.1107	-0.2199	-0.1092
1028	30	Biased	-0.0949	-0.1154	-0.0205
1029	30	Biased	-0.1248	-0.1505	-0.0257
1030	50	Unbiased	-0.1386	-0.2153	-0.0767
1031	50	Unbiased	-0.1404	-0.3908	-0.2504
1032	50	Unbiased	-0.138	-0.1981	-0.0601
1033	50	Unbiased	-0.2012	-0.0905	0.1107
1034	50	Unbiased	-0.0887	-0.138	-0.0493
1035	50	Biased-84Hr-Anneal	-0.0775	-0.2262	-0.1487
1036	50	Biased-84Hr-Anneal	-0.0565	-0.0967	-0.0402
1037	50	Biased-84Hr-Anneal	-0.1056	-0.3104	-0.2048
1038	50	Biased-84Hr-Anneal	-0.0159	-0.1404	-0.1245
1039	50	Biased-84Hr-Anneal	-0.0871	-0.1973	-0.1102
1040	100	Unbiased-168Hr-Anneal	-0.0811	-0.1061	-0.025
1041	100	Unbiased-168Hr-Anneal	-0.0856	-0.1887	-0.1031
1042	100	Unbiased-168Hr-Anneal	-0.1511	-0.0998	0.0513
1043	100	Unbiased-168Hr-Anneal	-0.2199	-0.145	0.0749
1044	100	Unbiased-168Hr-Anneal	-0.1349	-0.1349	0
1045	100	Biased-168Hr-Anneal	0.037	-0.0732	-0.1102
1046	100	Biased-168Hr-Anneal	-0.1201	-0.1044	0.0157
1047	100	Biased-168Hr-Anneal	0.0776	-0.1169	-0.1945
1048	100	Biased-168Hr-Anneal	-0.0983	-0.1512	-0.0529
1049	100	Biased-168Hr-Anneal	-0.0952	-0.1169	-0.0217



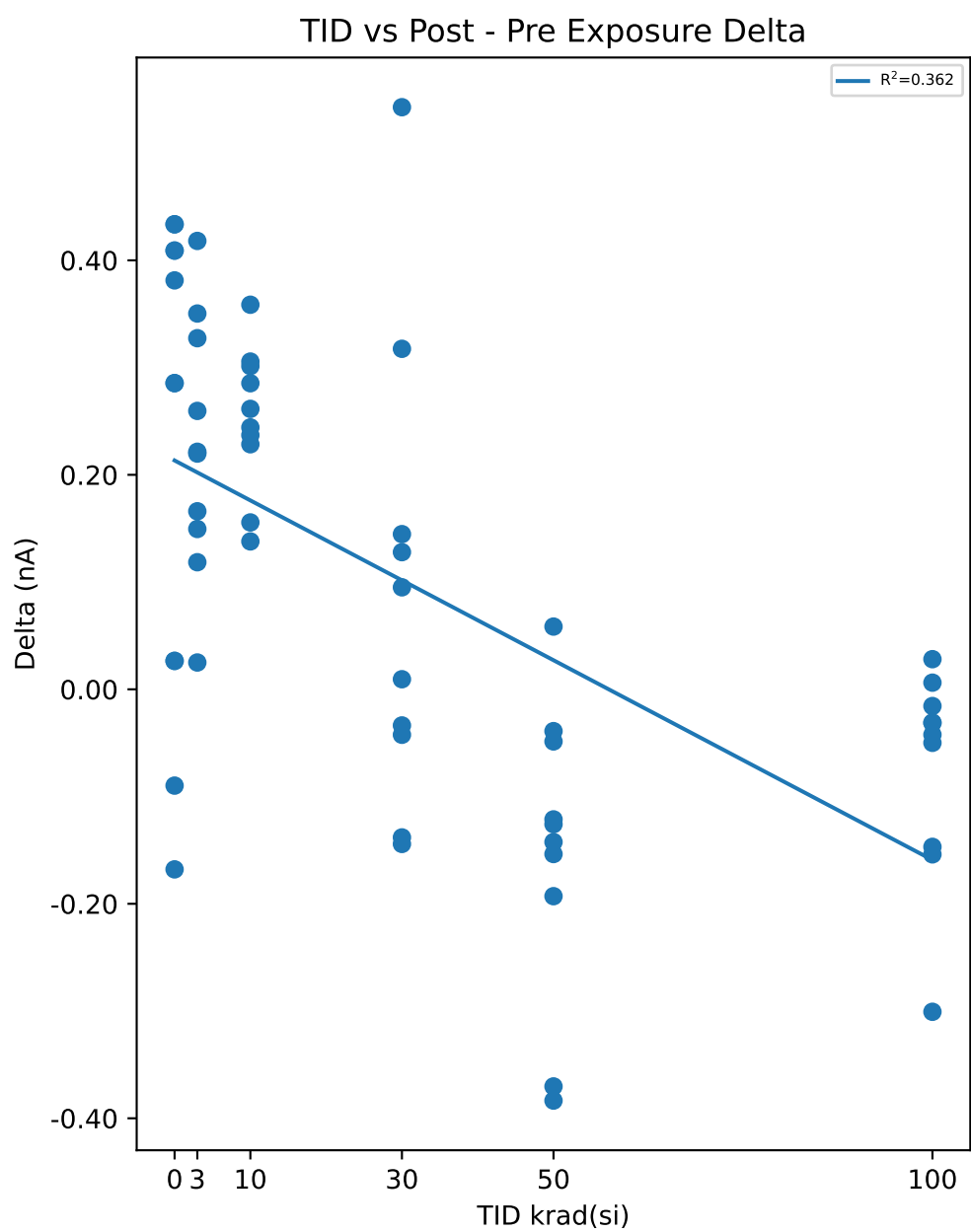
Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3408	-0.1796	-0.0793	0.10342	-0.1217	-0.01636	0.0701	0.074217	-0.0212	0.16324	0.3157	0.14751
3	-0.2605	-0.12166	-0.0381	0.082818	-0.0193	0.05651	0.1482	0.053679	0.0188	0.17817	0.3962	0.11709
10	-0.2324	-0.17228	-0.1099	0.046068	-0.0598	0.04247	0.1232	0.050993	0.0507	0.21475	0.34	0.078021
30	-0.2184	-0.1129	-0.0069	0.063015	-0.2199	-0.06865	0.108	0.10714	-0.1412	0.04425	0.3184	0.15505
50	-0.2012	-0.10495	-0.0159	0.052025	-0.3908	-0.20037	-0.0905	0.094033	-0.2504	-0.09542	0.1107	0.099524
100	-0.2199	-0.08716	0.0776	0.086834	-0.1887	-0.12371	-0.0732	0.032415	-0.1945	-0.03655	0.0749	0.081396



Test Results (Upper Limit = 30.0 (nA))

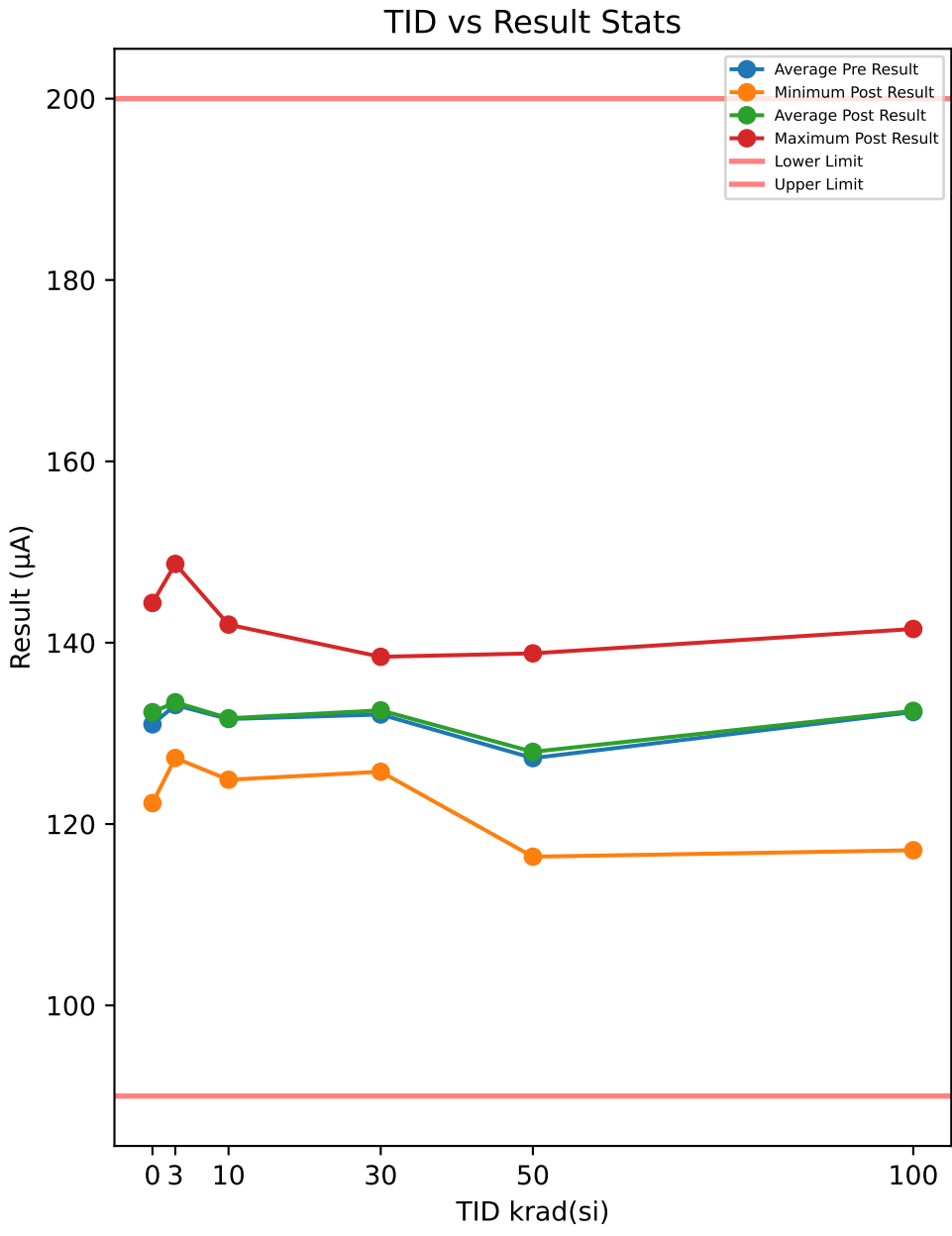
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	-0.2722	-0.362	-0.0898
516	0	CORRELATION	-0.2447	-0.4126	-0.1679
721	0	CORRELATION	-0.3814	-0.0001	0.3813
723	0	CORRELATION	-0.3822	0.0514	0.4336
729	0	CORRELATION	-0.3167	0.0924	0.4091
1000	3	Unbiased	-0.4032	-0.1436	0.2596
1001	3	Unbiased	-0.4259	-0.0985	0.3274
1002	3	Unbiased	-0.294	0.1241	0.4181
1003	3	Unbiased	-0.2478	-0.1293	0.1185
1004	3	Unbiased	-0.3682	-0.1484	0.2198
1005	3	Biased	-0.2355	-0.086	0.1495
1006	3	Biased	-0.3346	-0.1686	0.166
1007	3	Biased	-0.376	-0.0256	0.3504
1008	3	Biased	-0.1605	-0.1355	0.025
1009	3	Biased	-0.3308	-0.1093	0.2215
1010	10	Unbiased	-0.1542	0.0014	0.1556
1011	10	Unbiased	-0.2978	-0.0536	0.2442
1012	10	Unbiased	-0.3745	-0.0731	0.3014
1013	10	Unbiased	-0.2753	-0.1374	0.1379
1014	10	Unbiased	-0.376	-0.0704	0.3056
1015	10	Biased	-0.429	-0.0704	0.3586
1016	10	Biased	-0.3408	-0.0793	0.2615
1017	10	Biased	-0.4197	-0.1343	0.2854
1018	10	Biased	-0.2322	-0.0037	0.2285
1019	10	Biased	-0.3027	-0.0657	0.237
1020	30	Unbiased	-0.2028	0.1147	0.3175
1021	30	Unbiased	-0.0943	-0.128	-0.0337
1022	30	Unbiased	-0.2603	-0.1324	0.1279
1023	30	Unbiased	-0.2254	-0.3635	-0.1381
1024	30	Unbiased	-0.3697	-0.2746	0.0951
1025	30	Biased	-0.2478	-0.1031	0.1447
1026	30	Biased	-0.3408	0.202	0.5428
1027	30	Biased	-0.3448	-0.3354	0.0094
1028	30	Biased	-0.2603	-0.3027	-0.0424
1029	30	Biased	-0.259	-0.4032	-0.1442
1030	50	Unbiased	-0.2978	-0.3464	-0.0486
1031	50	Unbiased	-0.2652	-0.4188	-0.1536
1032	50	Unbiased	-0.397	-0.3385	0.0585
1033	50	Unbiased	-0.3167	-0.3557	-0.039
1034	50	Unbiased	-0.201	-0.3939	-0.1929
1035	50	Biased-84Hr-Anneal	-0.0775	-0.4478	-0.3703
1036	50	Biased-84Hr-Anneal	0.0465	-0.337	-0.3835
1037	50	Biased-84Hr-Anneal	-0.321	-0.4634	-0.1424
1038	50	Biased-84Hr-Anneal	-0.1689	-0.2902	-0.1213
1039	50	Biased-84Hr-Anneal	-0.3118	-0.4376	-0.1258
1040	100	Unbiased-168Hr-Anneal	-0.2247	-0.2559	-0.0312
1041	100	Unbiased-168Hr-Anneal	-0.1854	-0.3323	-0.1469
1042	100	Unbiased-168Hr-Anneal	-0.2822	-0.3245	-0.0423
1043	100	Unbiased-168Hr-Anneal	-0.4103	-0.3822	0.0281
1044	100	Unbiased-168Hr-Anneal	-0.3689	-0.3627	0.0062
1045	100	Biased-168Hr-Anneal	0.0995	-0.2012	-0.3007
1046	100	Biased-168Hr-Anneal	-0.2387	-0.2699	-0.0312
1047	100	Biased-168Hr-Anneal	-0.1097	-0.2636	-0.1539
1048	100	Biased-168Hr-Anneal	-0.2699	-0.2855	-0.0156
1049	100	Biased-168Hr-Anneal	-0.2543	-0.3042	-0.0499



Test Statistics (nA)

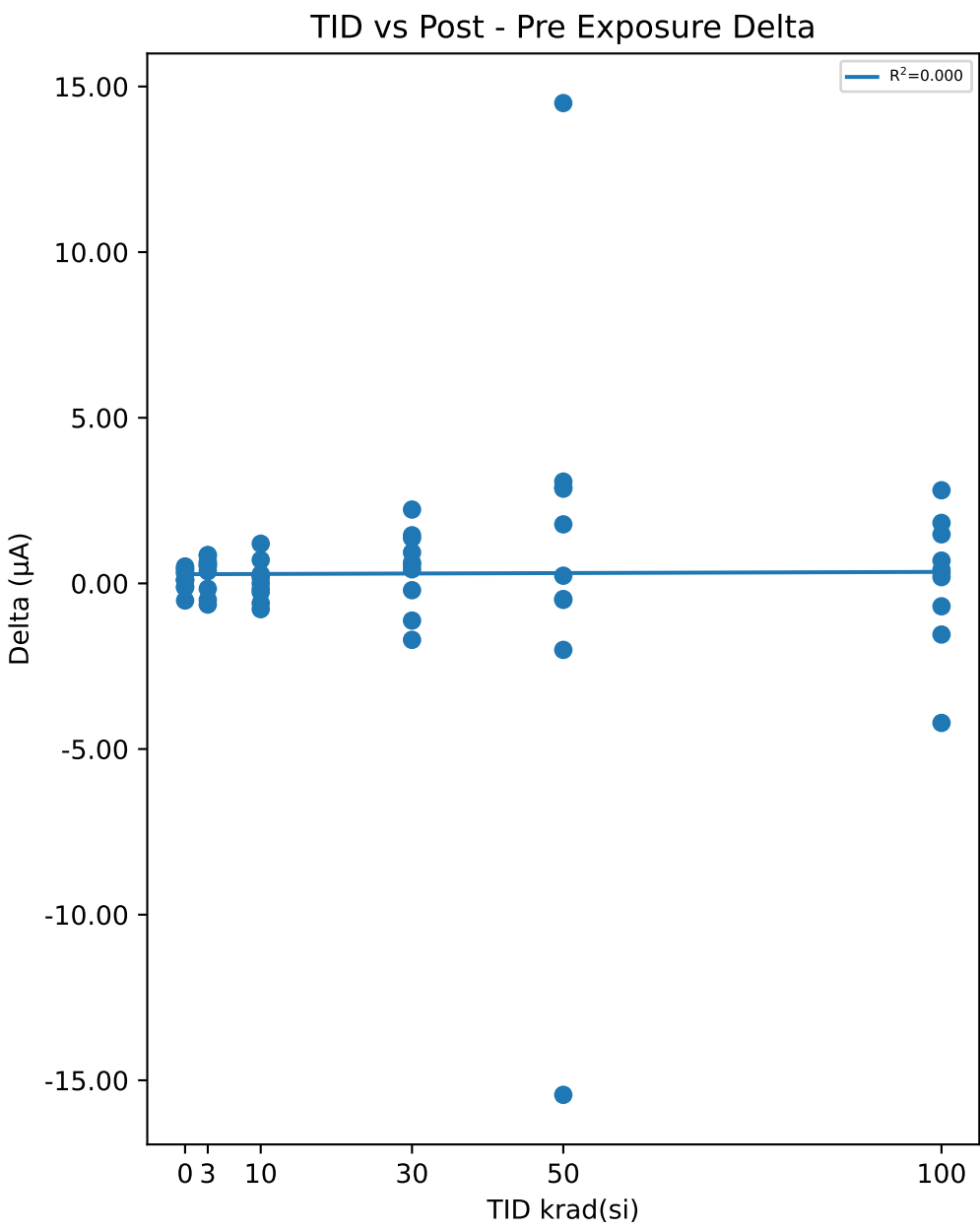
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	-0.3822	-0.31944	-0.2447	0.062456	-0.4126	-0.12618	0.0924	0.24128	-0.1679	0.19326	0.4336	0.29592
3	-0.4259	-0.31765	-0.1605	0.083227	-0.1686	-0.09207	0.1241	0.085946	0.025	0.22558	0.4181	0.11797
10	-0.429	-0.32022	-0.1542	0.08586	-0.1374	-0.06865	0.0014	0.045383	0.1379	0.25157	0.3586	0.06752
30	-0.3697	-0.26052	-0.0943	0.080157	-0.4032	-0.17262	0.202	0.20406	-0.1442	0.0879	0.5428	0.21276
50	-0.397	-0.23104	0.0465	0.13354	-0.4634	-0.38293	-0.2902	0.057579	-0.3835	-0.15189	0.0585	0.13841
100	-0.4103	-0.22446	0.0995	0.14202	-0.3822	-0.2982	-0.2012	0.054226	-0.3007	-0.07374	0.0281	0.099223

Device Test: 18.10 ERROR_AMP|STATIC/COMP/5/////@EA_SOURCE



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

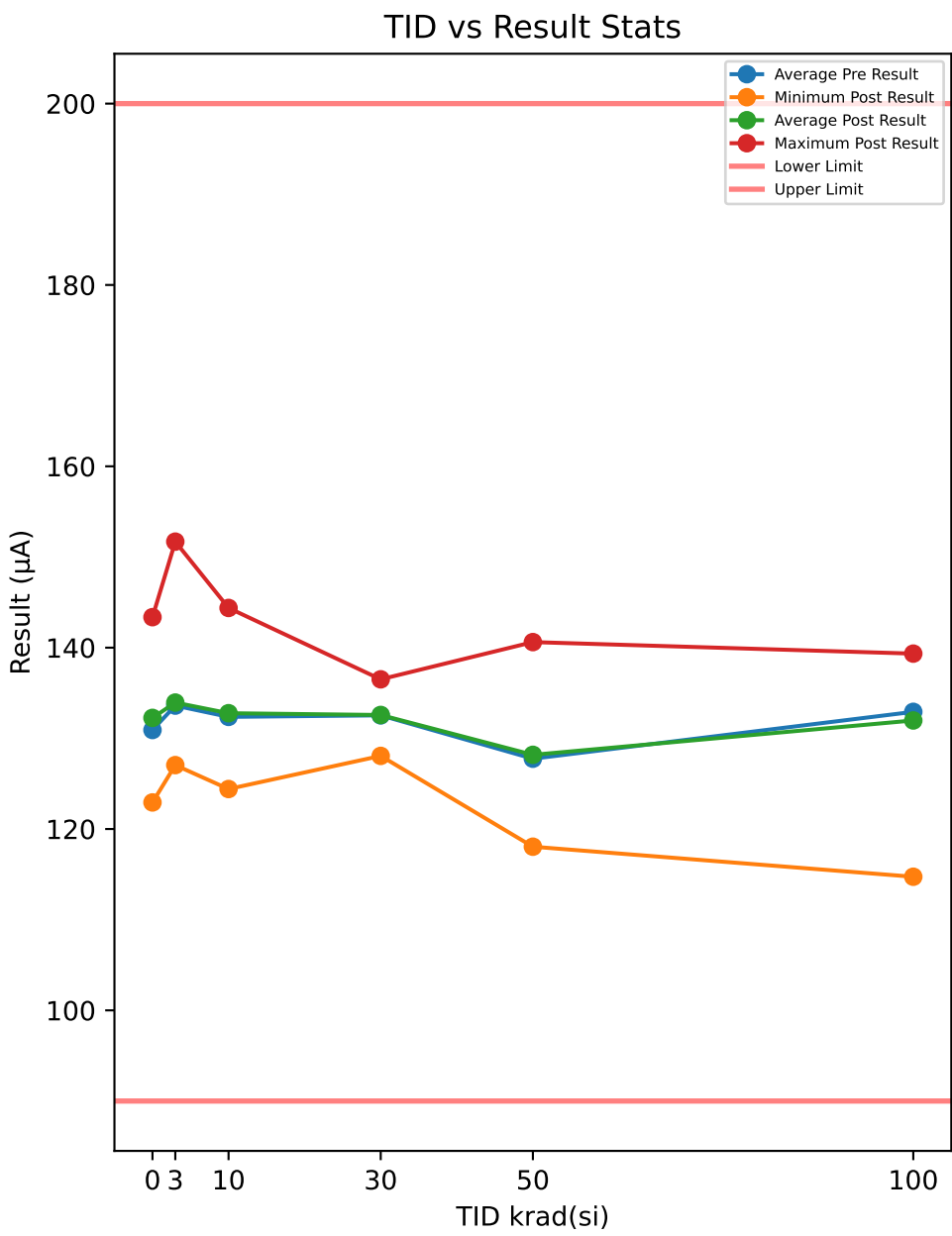
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	132.15	131.63	-0.5171
516	0	CORRELATION	133.71	134.22	0.511
721	0	CORRELATION	122.76	122.88	0.1159
723	0	CORRELATION	143.95	144.26	0.3156
729	0	CORRELATION	122.43	122.31	-0.112
1000	3	Unbiased	137	136.84	-0.1606
1001	3	Unbiased	126.77	127.29	0.5178
1002	3	Unbiased	130.14	130.73	0.5875
1003	3	Unbiased	128.48	127.84	-0.639
1004	3	Unbiased	132.34	132.9	0.5602
1005	3	Biased	136.51	136.02	-0.4946
1006	3	Biased	128.41	129.06	0.6548
1007	3	Biased	133.94	134.79	0.8456
1008	3	Biased	147.83	148.69	0.8561
1009	3	Biased	129.79	130.16	0.3664
1010	10	Unbiased	124.64	124.89	0.2487
1011	10	Unbiased	133.06	133.34	0.2777
1012	10	Unbiased	129.27	129.45	0.1767
1013	10	Unbiased	132.91	133.62	0.7081
1014	10	Unbiased	136.31	136.05	-0.2608
1015	10	Biased	142	142	-0.0003
1016	10	Biased	136.63	136.45	-0.1794
1017	10	Biased	131.39	130.61	-0.778
1018	10	Biased	125.93	125.34	-0.5983
1019	10	Biased	123.73	124.92	1.1979
1020	30	Unbiased	129.68	131.13	1.4524
1021	30	Unbiased	131.93	132.5	0.5662
1022	30	Unbiased	130.14	130.76	0.6256
1023	30	Unbiased	133.26	134.19	0.9342
1024	30	Unbiased	125.98	125.77	-0.2056
1025	30	Biased	130.42	130.84	0.4251
1026	30	Biased	130.62	132.85	2.2288
1027	30	Biased	139.57	138.45	-1.1221
1028	30	Biased	135.4	133.7	-1.7044
1029	30	Biased	133.85	135.22	1.3702
1030	50	Unbiased	125.19	128.09	2.9009
1031	50	Unbiased	116.9	116.4	-0.4975
1032	50	Unbiased	127.24	125.23	-2.0072
1033	50	Unbiased	125.37	124.9	-0.4729
1034	50	Unbiased	128.95	130.73	1.7818
1035	50	Biased-84Hr-Anneal	127.45	130.31	2.8589
1036	50	Biased-84Hr-Anneal	127.37	130.45	3.0727
1037	50	Biased-84Hr-Anneal	131.25	131.48	0.2323
1038	50	Biased-84Hr-Anneal	138.71	123.27	-15.439
1039	50	Biased-84Hr-Anneal	124.33	138.82	14.499
1040	100	Unbiased-168Hr-Anneal	134.57	135.26	0.6875
1041	100	Unbiased-168Hr-Anneal	127.25	126.56	-0.6914
1042	100	Unbiased-168Hr-Anneal	134.45	137.26	2.8112
1043	100	Unbiased-168Hr-Anneal	137.9	139.38	1.4805
1044	100	Unbiased-168Hr-Anneal	134.16	132.62	-1.5439
1045	100	Biased-168Hr-Anneal	137.81	133.6	-4.2112
1046	100	Biased-168Hr-Anneal	132.23	132.42	0.1891
1047	100	Biased-168Hr-Anneal	116.7	117.11	0.4136
1048	100	Biased-168Hr-Anneal	139.69	141.52	1.8257
1049	100	Biased-168Hr-Anneal	128.81	129.13	0.3208



Test Statistics (µA)

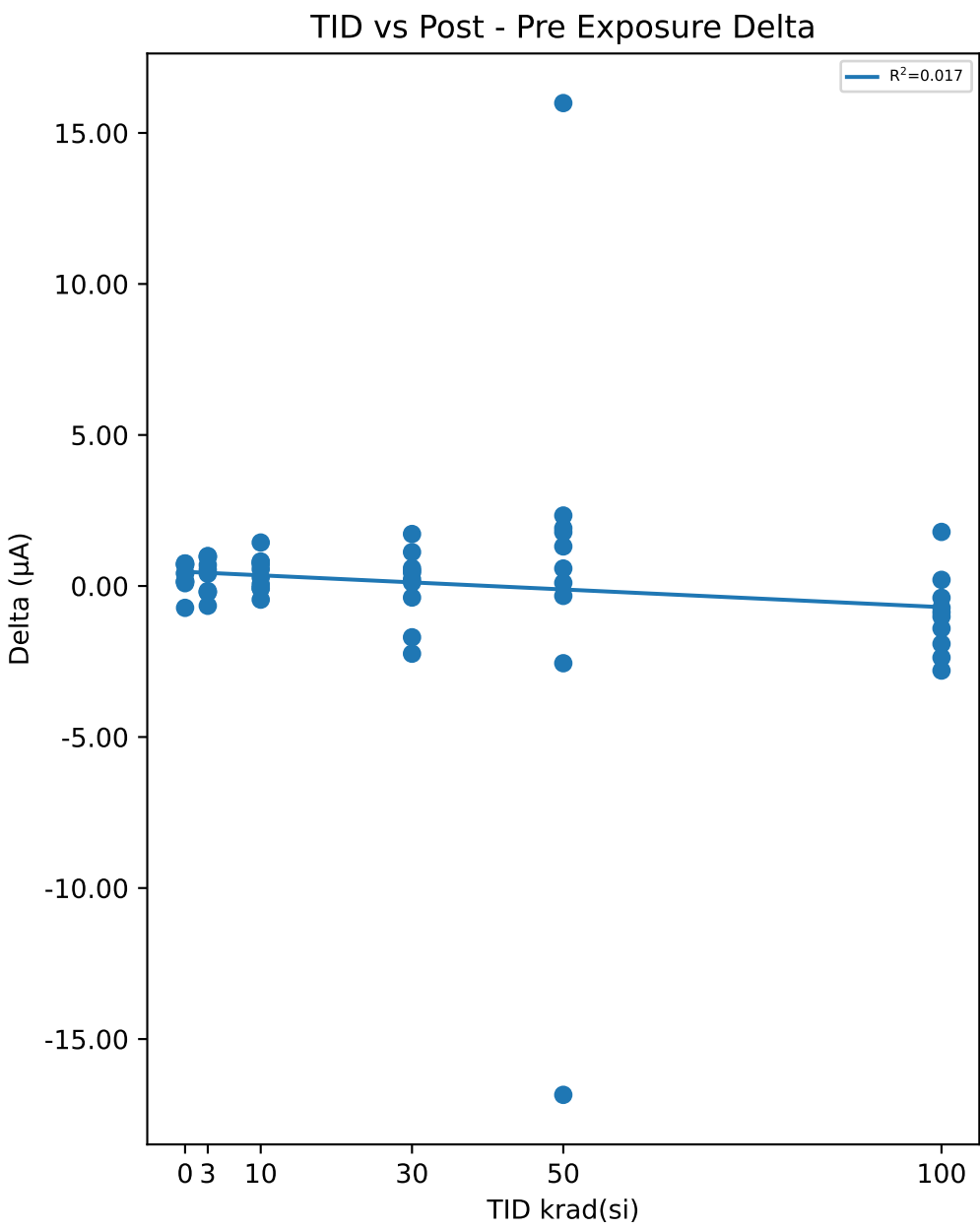
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.43	131	143.95	8.9121	122.31	131.06	144.26	9.0568	-0.5171	0.06268	0.511	0.39826
3	126.77	133.12	147.83	6.2213	127.29	133.43	148.69	6.3187	-0.639	0.30942	0.8561	0.54359
10	123.73	131.59	142	5.8449	124.89	131.67	142	5.7054	-0.778	0.07923	1.1979	0.58758
30	125.98	132.08	139.57	3.7013	125.77	132.54	138.45	3.3342	-1.7044	0.45704	2.2288	1.1943
50	116.9	127.28	138.71	5.5159	116.4	127.97	138.82	5.9839	-15.439	0.69292	14.499	7.2844
100	116.7	132.36	139.69	6.7556	117.11	132.48	141.52	7.021	-4.2112	0.12819	2.8112	1.9619

Device Test: 18.11 ERROR_AMP|STATIC/COMP/5////@EA_SINK



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

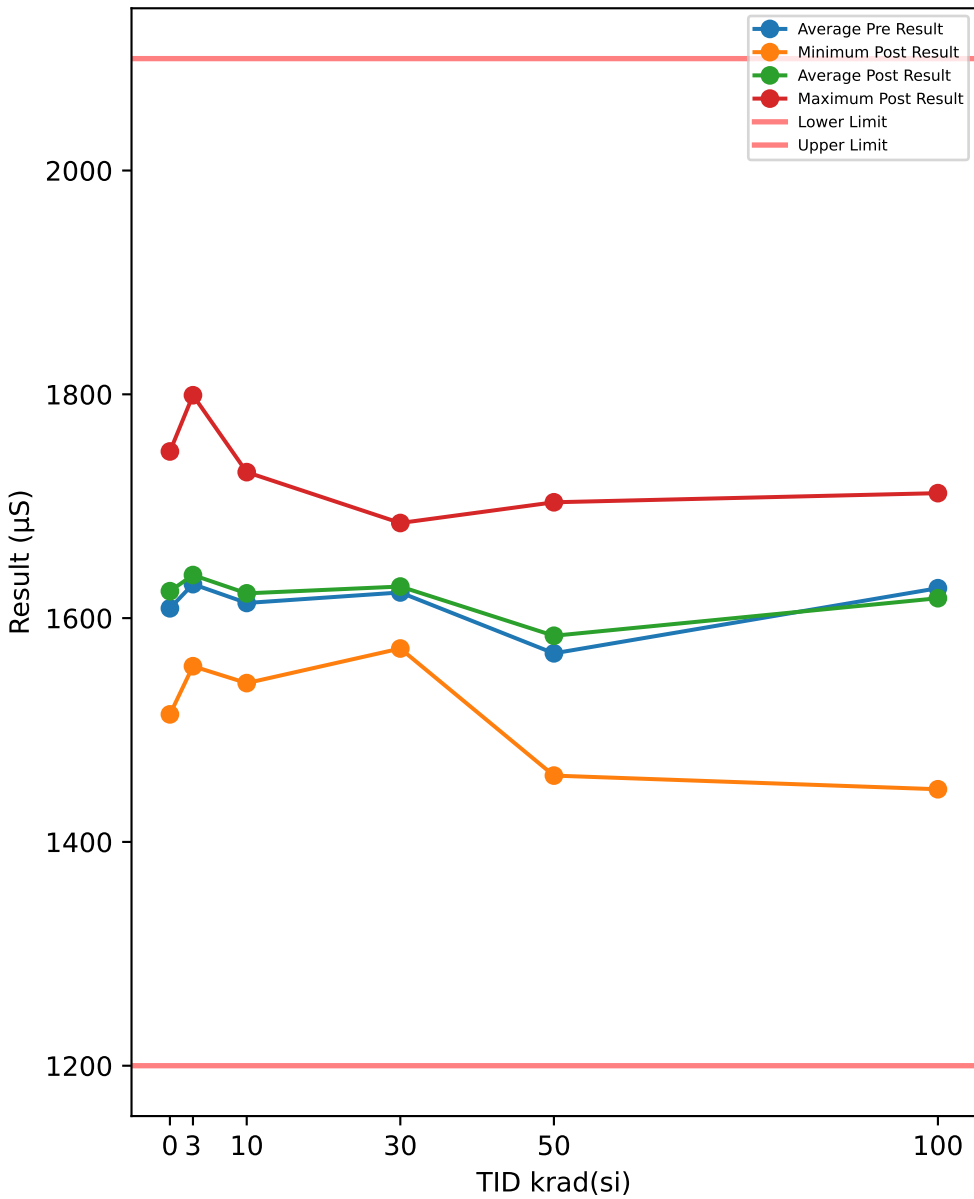
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	133.27	133.36	0.0932
516	0	CORRELATION	133.01	132.29	-0.7236
721	0	CORRELATION	122.77	122.93	0.1556
723	0	CORRELATION	142.66	143.36	0.7013
729	0	CORRELATION	122.89	123.63	0.7445
1000	3	Unbiased	136.75	136.55	-0.1993
1001	3	Unbiased	126.64	127.05	0.4061
1002	3	Unbiased	130.04	131.03	0.987
1003	3	Unbiased	128.54	129.24	0.6938
1004	3	Unbiased	132.22	132.01	-0.2086
1005	3	Biased	137.33	137.17	-0.1673
1006	3	Biased	126.88	127.41	0.5363
1007	3	Biased	135.65	136.61	0.9557
1008	3	Biased	150.71	151.69	0.9858
1009	3	Biased	131.35	130.69	-0.6554
1010	10	Unbiased	124.36	124.41	0.0524
1011	10	Unbiased	132.6	134.04	1.439
1012	10	Unbiased	128.14	128.92	0.7814
1013	10	Unbiased	135.05	134.97	-0.0768
1014	10	Unbiased	137.57	137.85	0.2858
1015	10	Biased	143.57	144.38	0.8123
1016	10	Biased	138.01	137.94	-0.0747
1017	10	Biased	130.6	131.16	0.5594
1018	10	Biased	126.54	126.09	-0.4523
1019	10	Biased	127.22	127.94	0.7216
1020	30	Unbiased	130.77	131.22	0.4472
1021	30	Unbiased	132.46	133.58	1.122
1022	30	Unbiased	130.1	130.22	0.1156
1023	30	Unbiased	134.69	135.2	0.5094
1024	30	Unbiased	127.84	128.06	0.2231
1025	30	Biased	131.34	130.96	-0.3823
1026	30	Biased	130.13	131.86	1.7214
1027	30	Biased	138.21	136.51	-1.6987
1028	30	Biased	134.98	132.74	-2.2411
1029	30	Biased	134.83	135.42	0.5899
1030	50	Unbiased	125	127.33	2.3331
1031	50	Unbiased	118.38	118.05	-0.3276
1032	50	Unbiased	129.74	127.19	-2.5574
1033	50	Unbiased	124.34	124.44	0.1041
1034	50	Unbiased	129.18	130.49	1.3099
1035	50	Biased-84Hr-Anneal	129.05	130.83	1.7807
1036	50	Biased-84Hr-Anneal	127.43	129.35	1.9139
1037	50	Biased-84Hr-Anneal	129.94	130.52	0.5787
1038	50	Biased-84Hr-Anneal	139.85	123	-16.847
1039	50	Biased-84Hr-Anneal	124.63	140.61	15.989
1040	100	Unbiased-168Hr-Anneal	136.44	136.64	0.2032
1041	100	Unbiased-168Hr-Anneal	128.54	127.53	-1.0129
1042	100	Unbiased-168Hr-Anneal	134.82	136.61	1.7905
1043	100	Unbiased-168Hr-Anneal	139.16	138.77	-0.3896
1044	100	Unbiased-168Hr-Anneal	134.86	132.49	-2.3703
1045	100	Biased-168Hr-Anneal	137.06	134.26	-2.8001
1046	100	Biased-168Hr-Anneal	132.19	130.79	-1.405
1047	100	Biased-168Hr-Anneal	115.61	114.74	-0.8707
1048	100	Biased-168Hr-Anneal	140.06	139.34	-0.7199
1049	100	Biased-168Hr-Anneal	130.46	128.54	-1.9157



Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.77	130.92	142.66	8.3468	122.93	131.11	143.36	8.3587	-0.7236	0.1942	0.7445	0.59456
3	126.64	133.61	150.71	7.1458	127.05	133.94	151.69	7.2608	-0.6554	0.33341	0.987	0.59837
10	124.36	132.37	143.57	6.1197	124.41	132.77	144.38	6.2265	-0.4523	0.40481	1.439	0.5614
30	127.84	132.53	138.21	3.0963	128.06	132.58	136.51	2.6319	-2.2411	0.04065	1.7214	1.2079
50	118.38	127.75	139.85	5.5368	118.05	128.18	140.61	5.9535	-16.847	0.42767	15.989	7.8785
100	115.61	132.92	140.06	7.0896	114.74	131.97	139.34	7.2981	-2.8001	-0.94905	1.7905	1.3249

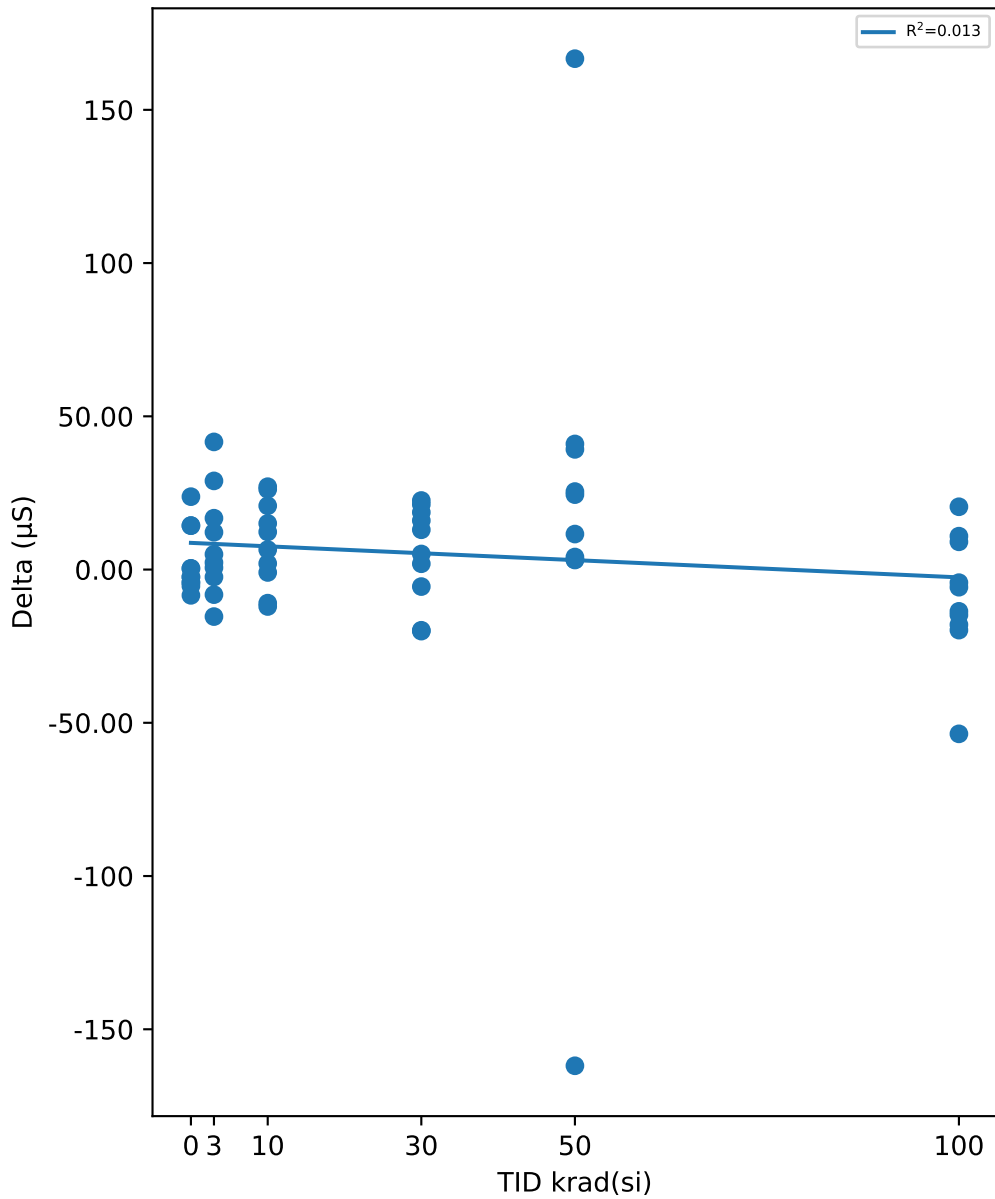
TID vs Result Stats



Test Results (Lower Limit = 1200.0, Upper Limit = 2100.0 (µS))

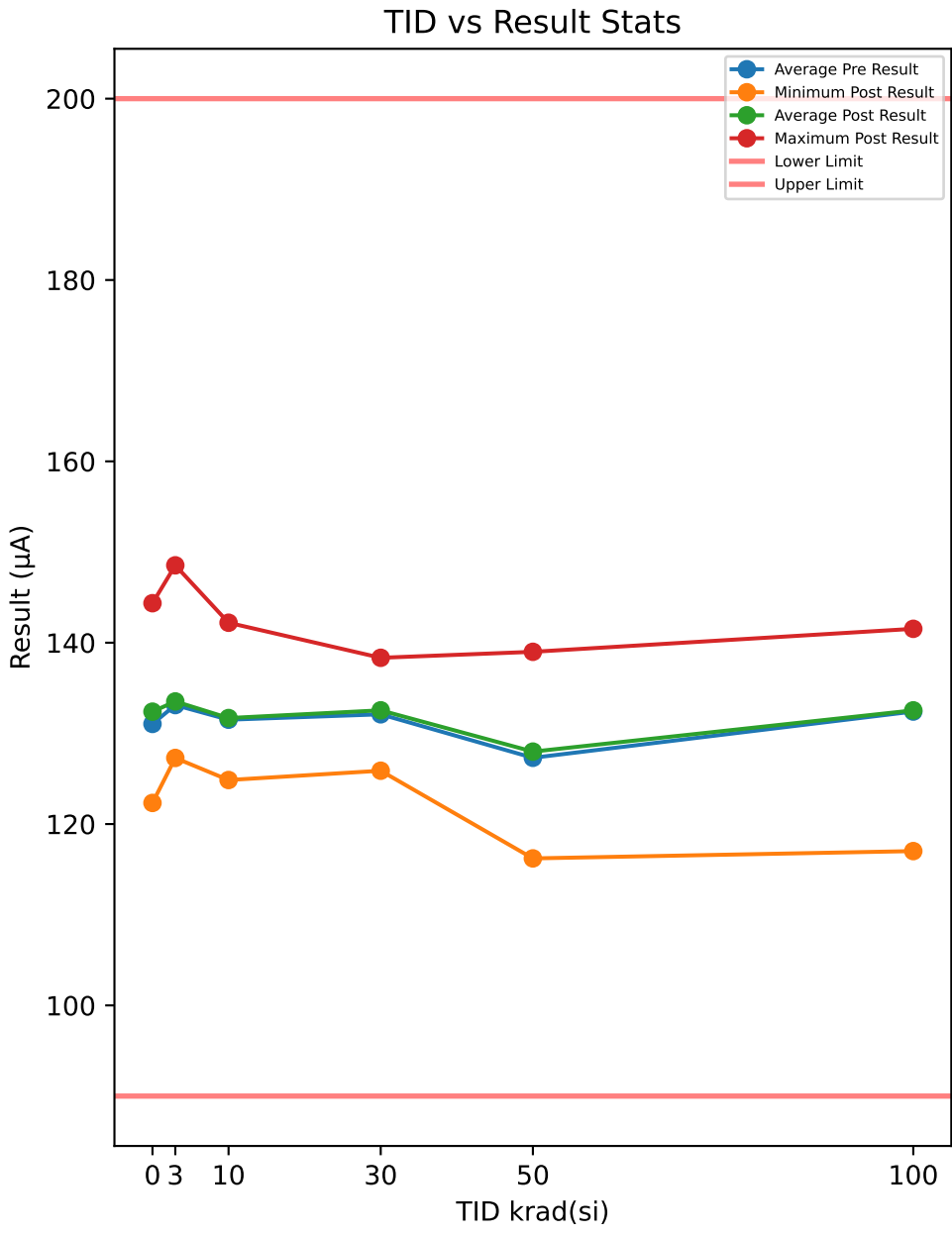
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1630.7	1622.2	-8.4118
516	0	CORRELATION	1639.4	1634	-5.3729
721	0	CORRELATION	1508.8	1532.6	23.783
723	0	CORRELATION	1751.4	1748.9	-2.419
729	0	CORRELATION	1513.6	1514	0.3688
1000	3	Unbiased	1653	1682	28.927
1001	3	Unbiased	1572.4	1557	-15.344
1002	3	Unbiased	1582.4	1624.1	41.651
1003	3	Unbiased	1574.5	1579.5	4.9807
1004	3	Unbiased	1619.1	1635.9	16.758
1005	3	Biased	1678.8	1676.3	-2.4321
1006	3	Biased	1577.7	1578.4	0.6234
1007	3	Biased	1658	1649.8	-8.1845
1008	3	Biased	1796.9	1799.2	2.2738
1009	3	Biased	1590.7	1602.9	12.165
1010	10	Unbiased	1554	1541.9	-12.054
1011	10	Unbiased	1623.4	1649.5	26.168
1012	10	Unbiased	1576.6	1588.9	12.281
1013	10	Unbiased	1632.9	1634.9	1.973
1014	10	Unbiased	1659.8	1674.9	15.054
1015	10	Biased	1723.9	1730.5	6.508
1016	10	Biased	1680.4	1669.5	-10.961
1017	10	Biased	1599.9	1620.7	20.803
1018	10	Biased	1552.3	1551.4	-0.9474
1019	10	Biased	1532.1	1559.2	27.039
1020	30	Unbiased	1601.9	1623.2	21.249
1021	30	Unbiased	1621.4	1634.4	12.984
1022	30	Unbiased	1608.5	1588.7	-19.808
1023	30	Unbiased	1651.9	1653.8	1.897
1024	30	Unbiased	1567.8	1572.8	5.0853
1025	30	Biased	1597.6	1613.6	15.988
1026	30	Biased	1599.8	1618.5	18.667
1027	30	Biased	1690.6	1685	-5.5521
1028	30	Biased	1649.7	1629.6	-20.087
1029	30	Biased	1640.1	1662.6	22.535
1030	50	Unbiased	1545.6	1586.6	40.985
1031	50	Unbiased	1456.2	1459.3	3.1221
1032	50	Unbiased	1577.6	1580.8	3.2255
1033	50	Unbiased	1543.1	1547.2	4.0915
1034	50	Unbiased	1589.6	1614.1	24.447
1035	50	Biased-84Hr-Anneal	1584.3	1609.7	25.454
1036	50	Biased-84Hr-Anneal	1555.6	1594.8	39.214
1037	50	Biased-84Hr-Anneal	1605	1616.6	11.583
1038	50	Biased-84Hr-Anneal	1691.6	1529.7	-161.91
1039	50	Biased-84Hr-Anneal	1536.8	1703.5	166.7
1040	100	Unbiased-168Hr-Anneal	1670.8	1657.2	-13.632
1041	100	Unbiased-168Hr-Anneal	1579.4	1573.6	-5.7553
1042	100	Unbiased-168Hr-Anneal	1636.7	1657.2	20.491
1043	100	Unbiased-168Hr-Anneal	1683.3	1694.2	10.896
1044	100	Unbiased-168Hr-Anneal	1645.4	1630.6	-14.817
1045	100	Biased-168Hr-Anneal	1681.1	1627.5	-53.605
1046	100	Biased-168Hr-Anneal	1614.3	1594.5	-19.76
1047	100	Biased-168Hr-Anneal	1451.3	1447.1	-4.275
1048	100	Biased-168Hr-Anneal	1702.6	1711.7	9.0503
1049	100	Biased-168Hr-Anneal	1602.4	1584.4	-17.985

TID vs Post - Pre Exposure Delta



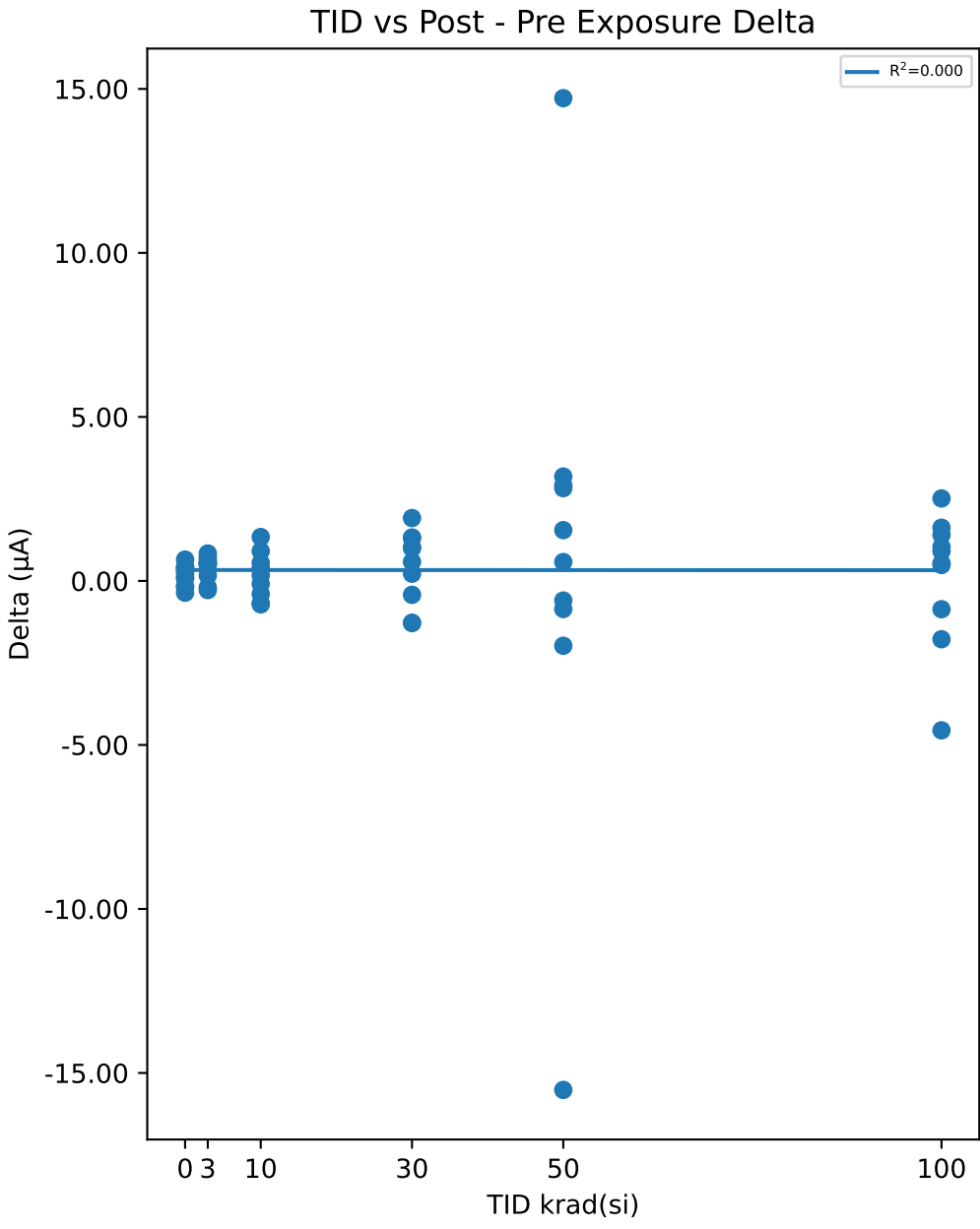
Test Statistics (µS)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1508.8	1608.8	1751.4	100.98	1514	1610.4	1748.9	93.86	-8.4118	1.5896	23.783	12.832
3	1572.4	1630.4	1796.9	70.396	1557	1638.5	1799.2	70.304	-15.344	8.1418	41.651	17.244
10	1532.1	1613.5	1723.9	62.134	1541.9	1622.1	1730.5	61.624	-12.054	8.5864	27.039	14.148
30	1567.8	1622.9	1690.6	35.427	1572.8	1628.2	1685	33.445	-20.087	5.2958	22.535	16.013
50	1456.2	1568.5	1691.6	59.844	1459.3	1584.2	1703.5	64.03	-161.91	15.691	166.7	79.004
100	1451.3	1626.7	1702.6	73.077	1447.1	1617.8	1711.7	75.106	-53.605	-8.9393	20.491	20.725



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	132.28	131.91	-0.3605
516	0	CORRELATION	133.78	134.43	0.6512
721	0	CORRELATION	122.73	122.94	0.2095
723	0	CORRELATION	143.93	144.36	0.4248
729	0	CORRELATION	122.5	122.33	-0.1743
1000	3	Unbiased	136.67	136.84	0.1669
1001	3	Unbiased	126.76	127.29	0.5334
1002	3	Unbiased	130.12	130.96	0.8375
1003	3	Unbiased	128.45	128.17	-0.2797
1004	3	Unbiased	132.38	132.88	0.4977
1005	3	Biased	136.45	136.25	-0.198
1006	3	Biased	128.53	129.09	0.5614
1007	3	Biased	134.15	134.88	0.7367
1008	3	Biased	147.9	148.53	0.6375
1009	3	Biased	129.8	130.33	0.5225
1010	10	Unbiased	124.69	124.86	0.1706
1011	10	Unbiased	132.98	133.35	0.3714
1012	10	Unbiased	129.13	129.68	0.5517
1013	10	Unbiased	132.73	133.64	0.9108
1014	10	Unbiased	136.16	136.07	-0.0892
1015	10	Biased	141.84	142.2	0.3585
1016	10	Biased	136.66	136.26	-0.398
1017	10	Biased	131.45	130.73	-0.7155
1018	10	Biased	125.92	125.24	-0.6764
1019	10	Biased	123.54	124.88	1.3385
1020	30	Unbiased	129.59	130.9	1.3119
1021	30	Unbiased	131.78	132.81	1.0345
1022	30	Unbiased	130.15	130.37	0.2196
1023	30	Unbiased	133.26	134.25	0.9965
1024	30	Unbiased	126.31	125.88	-0.4235
1025	30	Biased	130.46	131.05	0.5813
1026	30	Biased	130.79	132.71	1.9167
1027	30	Biased	139.62	138.34	-1.2779
1028	30	Biased	135.13	133.85	-1.2826
1029	30	Biased	133.95	135.27	1.3233
1030	50	Unbiased	125.08	127.99	2.9165
1031	50	Unbiased	117.07	116.21	-0.8566
1032	50	Unbiased	127.36	125.39	-1.9761
1033	50	Unbiased	125.56	124.96	-0.5974
1034	50	Unbiased	129.14	130.68	1.5476
1035	50	Biased-84Hr-Anneal	127.56	130.39	2.8274
1036	50	Biased-84Hr-Anneal	127.4	130.59	3.1821
1037	50	Biased-84Hr-Anneal	130.92	131.5	0.5759
1038	50	Biased-84Hr-Anneal	138.71	123.19	-15.517
1039	50	Biased-84Hr-Anneal	124.28	139	14.718
1040	100	Unbiased-168Hr-Anneal	134.54	135.45	0.9064
1041	100	Unbiased-168Hr-Anneal	127.17	126.31	-0.8626
1042	100	Unbiased-168Hr-Anneal	134.68	137.2	2.5144
1043	100	Unbiased-168Hr-Anneal	138.03	139.43	1.4026
1044	100	Unbiased-168Hr-Anneal	134.6	132.82	-1.7778
1045	100	Biased-168Hr-Anneal	138.12	133.57	-4.5547
1046	100	Biased-168Hr-Anneal	131.99	132.48	0.4857
1047	100	Biased-168Hr-Anneal	116.48	117.02	0.5387
1048	100	Biased-168Hr-Anneal	139.91	141.53	1.6226
1049	100	Biased-168Hr-Anneal	128.56	129.59	1.0383

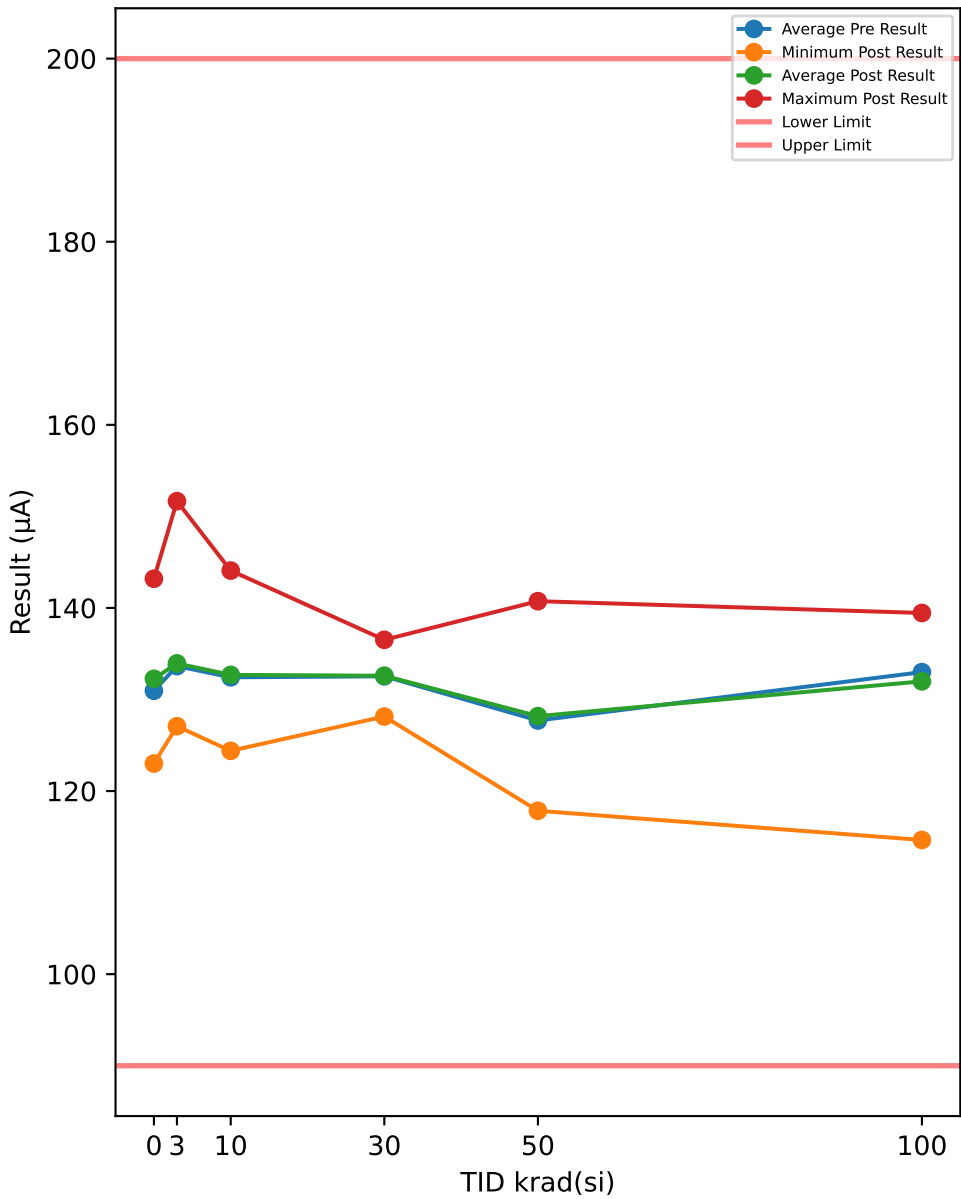


Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.5	131.04	143.93	8.9039	122.33	131.19	144.36	9.0957	-0.3605	0.15014	0.6512	0.41714
3	126.76	133.12	147.9	6.2089	127.29	133.52	148.53	6.2354	-0.2797	0.40159	0.8375	0.38057
10	123.54	131.51	141.84	5.8265	124.86	131.69	142.2	5.7418	-0.7155	0.18224	1.3385	0.66873
30	126.31	132.1	139.62	3.6302	125.88	132.54	138.34	3.3295	-1.2826	0.43998	1.9167	1.1114
50	117.07	127.31	138.71	5.4628	116.21	127.99	139	6.063	-15.517	0.68199	14.718	7.3568
100	116.48	132.41	139.91	6.9217	117.02	132.54	141.53	7.0556	-4.5547	0.13136	2.5144	2.0501

Device Test: 18.17 ERROR_AMP|STATIC/COMP/12////@EA_SINK

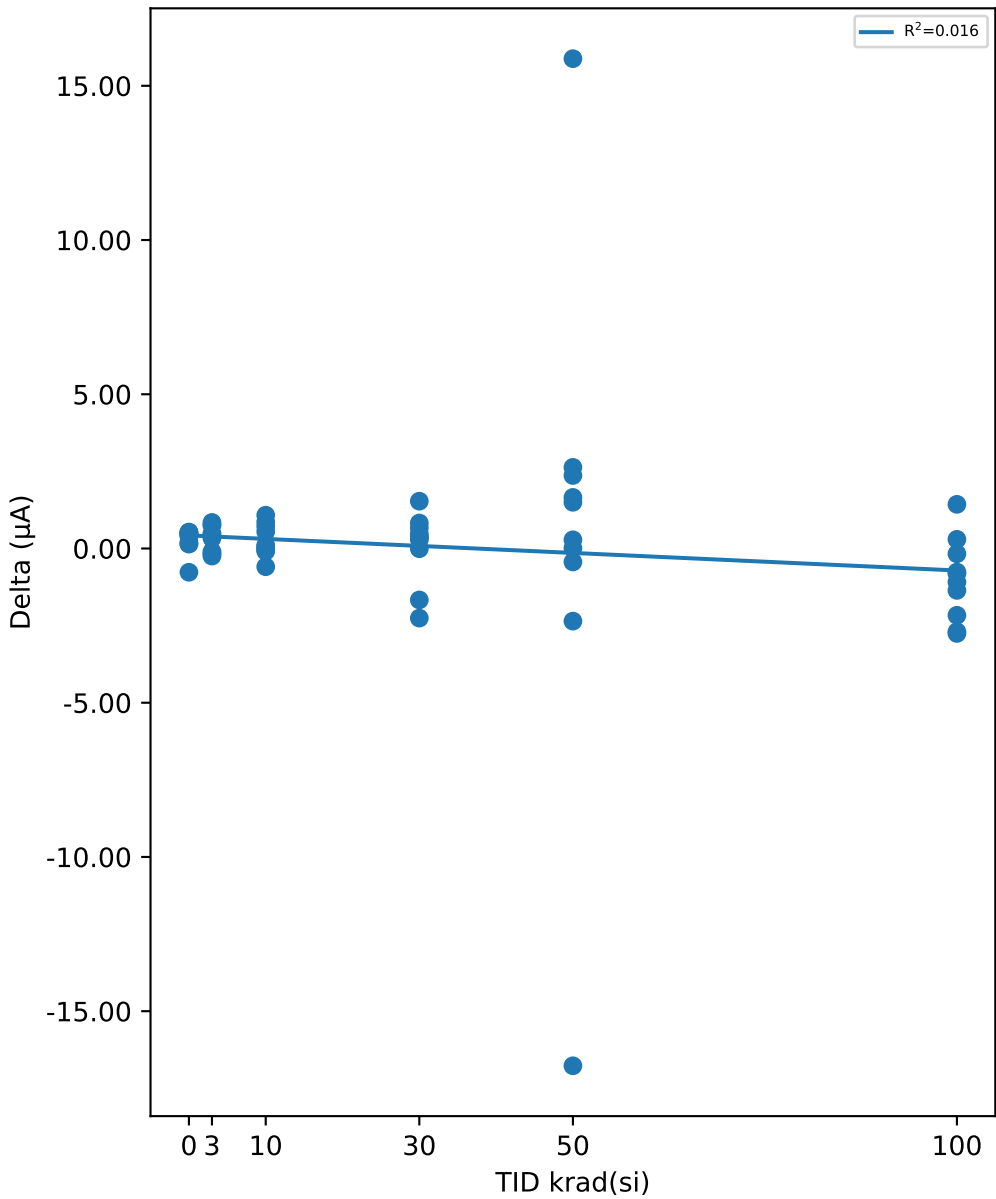
TID vs Result Stats



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	133.41	133.61	0.2028
516	0	CORRELATION	133.09	132.32	-0.7705
721	0	CORRELATION	122.62	123.01	0.3897
723	0	CORRELATION	142.66	143.11	0.4515
729	0	CORRELATION	123.01	123.51	0.4948
1000	3	Unbiased	136.89	136.64	-0.2459
1001	3	Unbiased	126.6	127.08	0.484
1002	3	Unbiased	130.1	130.87	0.7684
1003	3	Unbiased	128.48	128.94	0.4596
1004	3	Unbiased	132.02	131.92	-0.0992
1005	3	Biased	137.66	137.46	-0.198
1006	3	Biased	126.95	127.29	0.3334
1007	3	Biased	135.73	136.48	0.7528
1008	3	Biased	150.82	151.66	0.8452
1009	3	Biased	131.22	131.08	-0.1398
1010	10	Unbiased	124.48	124.39	-0.0881
1011	10	Unbiased	132.81	133.89	1.0797
1012	10	Unbiased	128.16	128.88	0.719
1013	10	Unbiased	135.23	134.64	-0.5918
1014	10	Unbiased	137.63	137.59	-0.0419
1015	10	Biased	143.54	144.08	0.5468
1016	10	Biased	138.01	138.11	0.0971
1017	10	Biased	130.76	130.83	0.0756
1018	10	Biased	126.48	126.47	-0.015
1019	10	Biased	127.16	128.02	0.8622
1020	30	Unbiased	130.75	131.23	0.4785
1021	30	Unbiased	132.82	133.64	0.8258
1022	30	Unbiased	129.95	130.24	0.2874
1023	30	Unbiased	134.92	135.31	0.3846
1024	30	Unbiased	127.78	128.14	0.3635
1025	30	Biased	131.21	131.21	-0.0075
1026	30	Biased	129.95	131.48	1.5335
1027	30	Biased	138.19	136.52	-1.6675
1028	30	Biased	134.93	132.67	-2.2568
1029	30	Biased	134.85	135.51	0.6679
1030	50	Unbiased	124.86	127.49	2.63
1031	50	Unbiased	118.28	117.85	-0.4365
1032	50	Unbiased	129.65	127.3	-2.3548
1033	50	Unbiased	124.18	124.19	0.01
1034	50	Unbiased	128.95	130.45	1.4974
1035	50	Biased-84Hr-Anneal	128.87	130.52	1.6564
1036	50	Biased-84Hr-Anneal	127.25	129.61	2.3669
1037	50	Biased-84Hr-Anneal	130.15	130.43	0.2822
1038	50	Biased-84Hr-Anneal	140.04	123.27	-16.769
1039	50	Biased-84Hr-Anneal	124.86	140.74	15.879
1040	100	Unbiased-168Hr-Anneal	136.3	136.6	0.2969
1041	100	Unbiased-168Hr-Anneal	128.57	127.81	-0.7636
1042	100	Unbiased-168Hr-Anneal	134.99	136.43	1.4312
1043	100	Unbiased-168Hr-Anneal	138.95	138.78	-0.1715
1044	100	Unbiased-168Hr-Anneal	134.92	132.22	-2.6978
1045	100	Biased-168Hr-Anneal	137.16	134.4	-2.7535
1046	100	Biased-168Hr-Anneal	132.27	130.91	-1.3584
1047	100	Biased-168Hr-Anneal	115.75	114.66	-1.0892
1048	100	Biased-168Hr-Anneal	140.27	139.45	-0.8138
1049	100	Biased-168Hr-Anneal	130.72	128.56	-2.1656

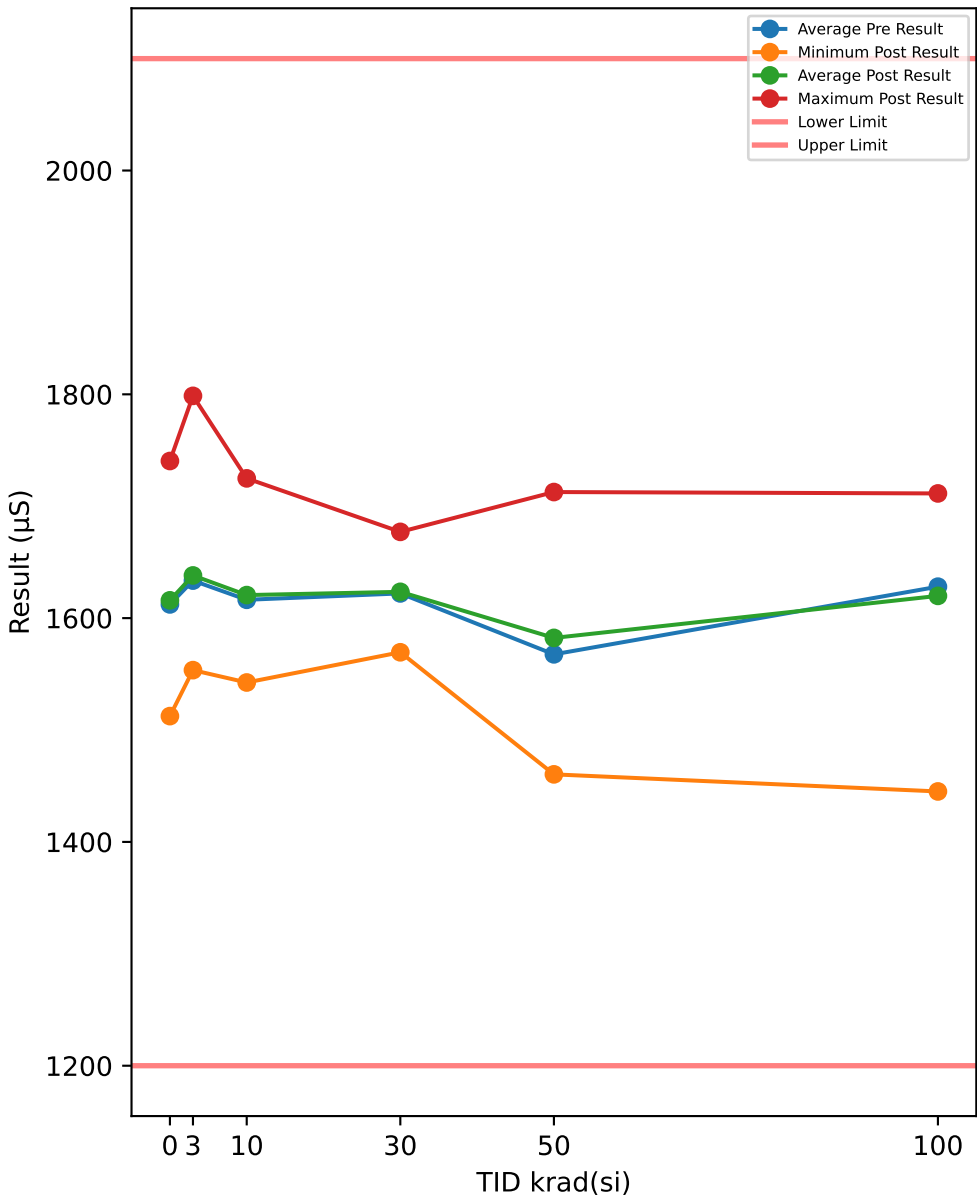
TID vs Post - Pre Exposure Delta



Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.62	130.96	142.66	8.3704	123.01	131.11	143.11	8.2959	-0.7705	0.15366	0.4948	0.52851
3	126.6	133.65	150.82	7.2115	127.08	133.94	151.66	7.2895	-0.2459	0.29605	0.8452	0.43215
10	124.48	132.43	143.54	6.1182	124.39	132.69	144.08	6.1073	-0.5918	0.26436	1.0797	0.51654
30	127.78	132.53	138.19	3.1581	128.14	132.6	136.52	2.6419	-2.2568	0.06094	1.5335	1.1503
50	118.28	127.71	140.04	5.6011	117.85	128.18	140.74	5.996	-16.769	0.47615	15.879	7.8486
100	115.75	132.99	140.27	7.0478	114.66	131.98	139.45	7.2984	-2.7535	-1.0085	1.4312	1.3259

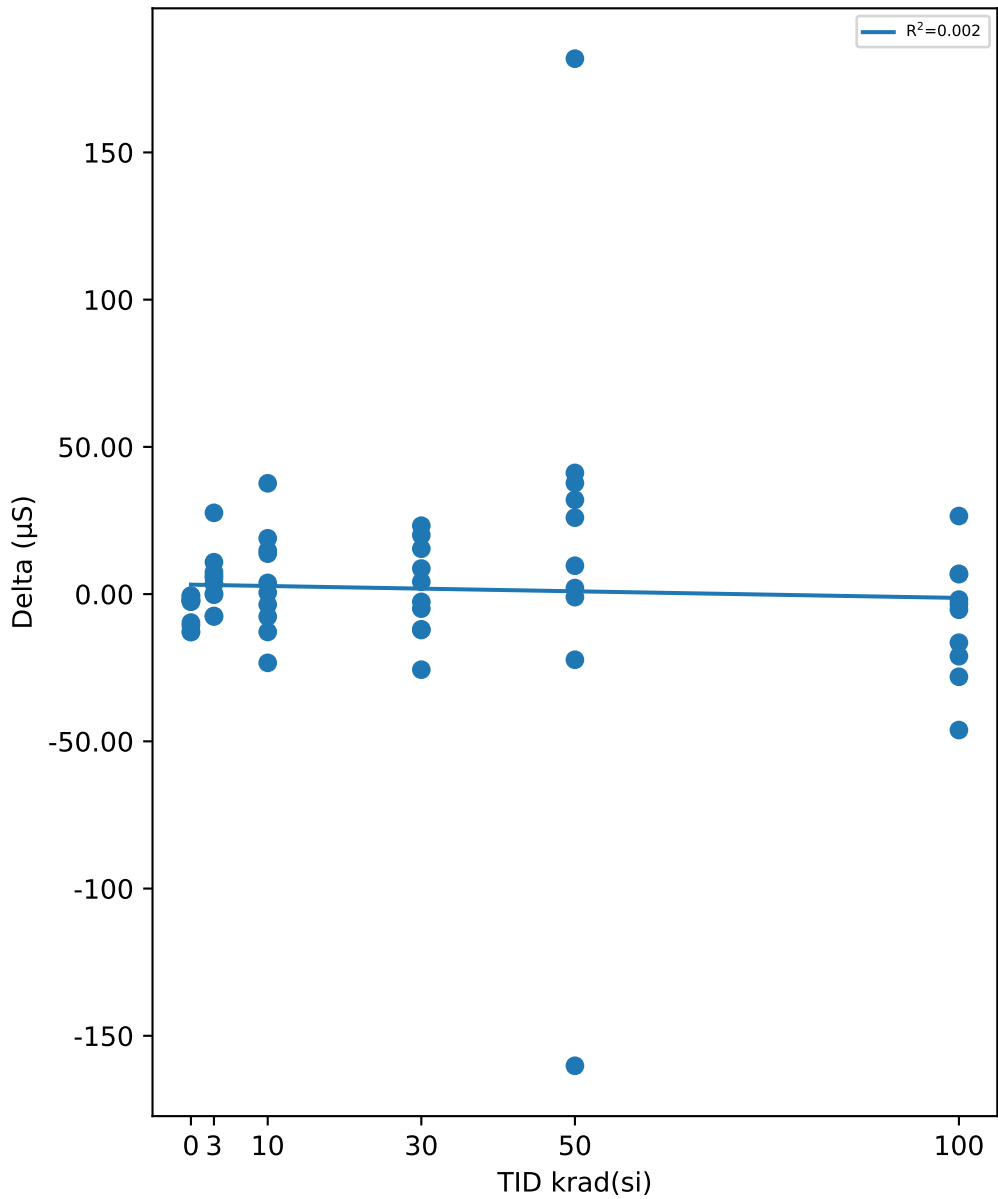
TID vs Result Stats



Test Results (Lower Limit = 1200.0, Upper Limit = 2100.0 (µS))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1625.2	1615.6	-9.6718
516	0	CORRELATION	1647.2	1636.5	-10.677
721	0	CORRELATION	1531.6	1529.4	-2.1432
723	0	CORRELATION	1742.3	1729.4	-12.859
729	0	CORRELATION	1515	1512.4	-2.5403
1000	3	Unbiased	1673.5	1679.8	6.3338
1001	3	Unbiased	1561.1	1553.5	-7.6109
1002	3	Unbiased	1609.5	1617	7.4922
1003	3	Unbiased	1574.5	1567.1	-7.4199
1004	3	Unbiased	1615.5	1626.4	10.838
1005	3	Biased	1676.9	1677	0.176
1006	3	Biased	1577.1	1582.6	5.512
1007	3	Biased	1656.6	1660	3.4175
1008	3	Biased	1798.8	1798.6	-0.2121
1009	3	Biased	1591.8	1619.4	27.601
1010	10	Unbiased	1540.8	1544.6	3.8086
1011	10	Unbiased	1633.5	1647.2	13.729
1012	10	Unbiased	1578.5	1597.5	18.961
1013	10	Unbiased	1645.4	1637.8	-7.63
1014	10	Unbiased	1672.3	1668.8	-3.5679
1015	10	Biased	1748.2	1724.9	-23.348
1016	10	Biased	1679.9	1667.1	-12.854
1017	10	Biased	1599.9	1614.7	14.79
1018	10	Biased	1542	1542.5	0.5033
1019	10	Biased	1523.2	1560.8	37.631
1020	30	Unbiased	1601.5	1596.6	-4.9227
1021	30	Unbiased	1621.9	1641.9	20.023
1022	30	Unbiased	1601.3	1589.1	-12.194
1023	30	Unbiased	1651.4	1655.6	4.1965
1024	30	Unbiased	1581.4	1569.5	-11.954
1025	30	Biased	1601.1	1616.5	15.418
1026	30	Biased	1595.7	1604.4	8.6827
1027	30	Biased	1679.7	1677.1	-2.6362
1028	30	Biased	1656	1630.3	-25.658
1029	30	Biased	1630.8	1654	23.232
1030	50	Unbiased	1543.8	1581.5	37.713
1031	50	Unbiased	1461.4	1460.4	-1.0304
1032	50	Unbiased	1580.7	1558.4	-22.289
1033	50	Unbiased	1545.4	1547.4	2.0596
1034	50	Unbiased	1587.9	1613.9	25.959
1035	50	Biased-84Hr-Anneal	1570.8	1611.9	41.162
1036	50	Biased-84Hr-Anneal	1558.4	1590.5	32.023
1037	50	Biased-84Hr-Anneal	1607.2	1616.8	9.6413
1038	50	Biased-84Hr-Anneal	1689.9	1529.7	-160.18
1039	50	Biased-84Hr-Anneal	1530.8	1712.7	181.84
1040	100	Unbiased-168Hr-Anneal	1670.3	1668.4	-1.8603
1041	100	Unbiased-168Hr-Anneal	1574.3	1569	-5.3077
1042	100	Unbiased-168Hr-Anneal	1635.1	1661.6	26.517
1043	100	Unbiased-168Hr-Anneal	1690.8	1697.6	6.8263
1044	100	Unbiased-168Hr-Anneal	1645.4	1624.3	-21.092
1045	100	Biased-168Hr-Anneal	1681.6	1635.4	-46.168
1046	100	Biased-168Hr-Anneal	1624	1607.5	-16.503
1047	100	Biased-168Hr-Anneal	1448.5	1445.1	-3.3687
1048	100	Biased-168Hr-Anneal	1704.6	1711.4	6.8337
1049	100	Biased-168Hr-Anneal	1606.3	1578.3	-28.077

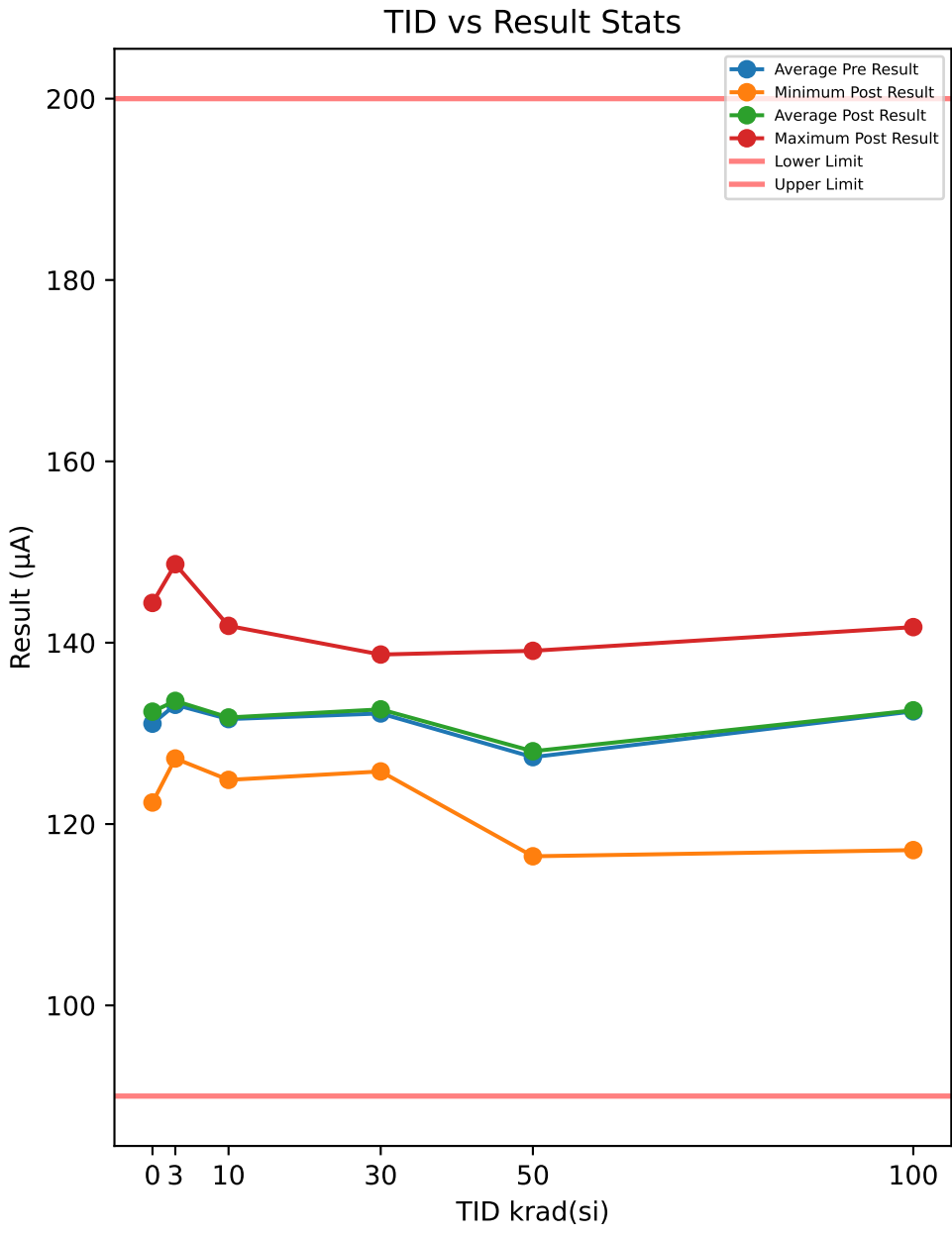
TID vs Post - Pre Exposure Delta



Test Statistics (µS)

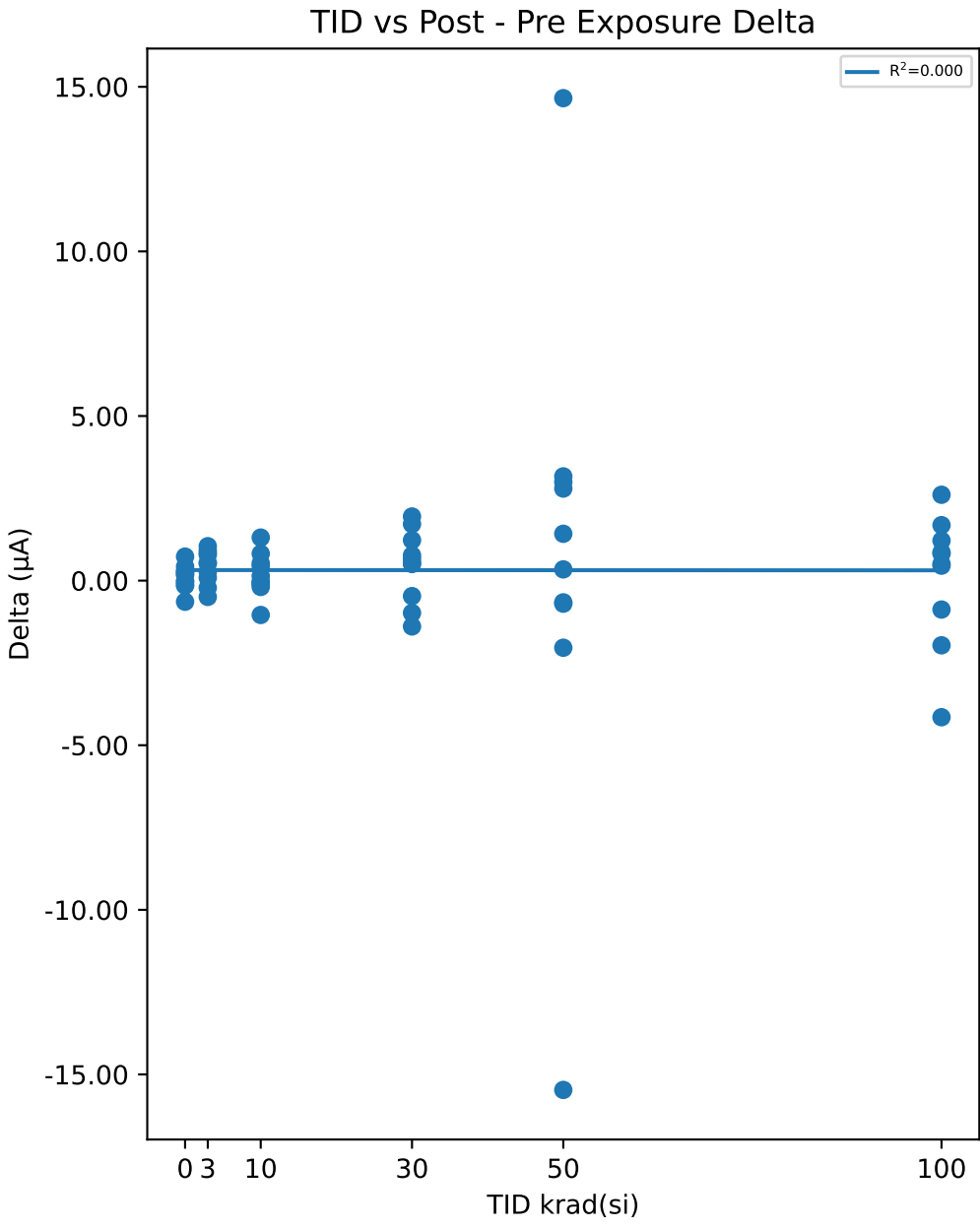
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1515	1612.3	1742.3	92.559	1512.4	1604.7	1729.4	87.841	-12.859	-7.5783	-2.1432	4.9192
3	1561.1	1633.5	1798.8	71.402	1553.5	1638.1	1798.6	71.267	-7.6109	4.6128	27.601	10.099
10	1523.2	1616.4	1748.2	72.522	1542.5	1620.6	1724.9	59.988	-23.348	4.2023	37.631	17.645
30	1581.4	1622.1	1679.7	31.717	1569.5	1623.5	1677.1	34.093	-25.658	1.4188	23.232	15.749
50	1461.4	1567.6	1689.9	58.591	1460.4	1582.3	1712.7	66.283	-160.18	14.69	181.84	82.983
100	1448.5	1628.1	1704.6	74.846	1445.1	1619.9	1711.4	77.314	-46.168	-8.2199	26.517	20.55

Device Test: 18.22 ERROR_AMP|STATIC/COMP/14////@EA_SOURCE



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

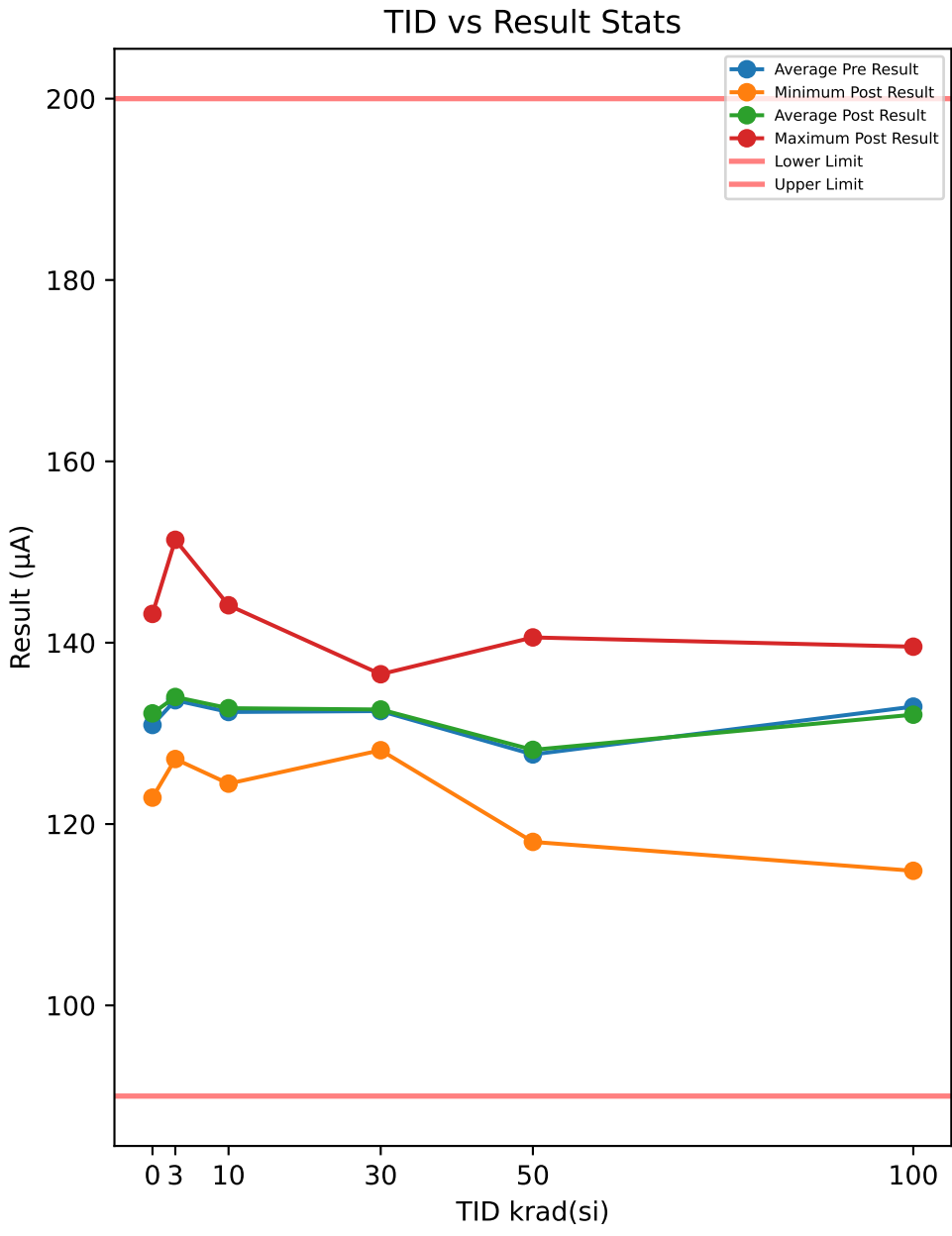
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	132.4	131.76	-0.6416
516	0	CORRELATION	133.79	134.52	0.7291
721	0	CORRELATION	122.54	122.97	0.4279
723	0	CORRELATION	144.1	144.39	0.2846
729	0	CORRELATION	122.52	122.38	-0.1431
1000	3	Unbiased	136.81	136.9	0.089
1001	3	Unbiased	126.7	127.23	0.5333
1002	3	Unbiased	130.23	131.07	0.8377
1003	3	Unbiased	128.48	128.26	-0.2173
1004	3	Unbiased	132.2	133.12	0.9195
1005	3	Biased	136.58	136.08	-0.4944
1006	3	Biased	128.35	129.39	1.0452
1007	3	Biased	134.11	134.9	0.7835
1008	3	Biased	148.13	148.66	0.5281
1009	3	Biased	129.95	130.22	0.2726
1010	10	Unbiased	124.73	124.87	0.1394
1011	10	Unbiased	132.98	133.51	0.5276
1012	10	Unbiased	129.2	129.64	0.4423
1013	10	Unbiased	133.02	133.84	0.8176
1014	10	Unbiased	136.09	136.07	-0.0269
1015	10	Biased	141.97	141.86	-0.1096
1016	10	Biased	136.77	136.7	-0.0699
1017	10	Biased	131.5	130.45	-1.0433
1018	10	Biased	125.87	125.68	-0.1922
1019	10	Biased	123.63	124.94	1.3072
1020	30	Unbiased	129.57	131.29	1.718
1021	30	Unbiased	131.96	132.47	0.5038
1022	30	Unbiased	130.2	130.73	0.532
1023	30	Unbiased	133.59	134.24	0.6535
1024	30	Unbiased	126.27	125.8	-0.4704
1025	30	Biased	130.42	131.19	0.7687
1026	30	Biased	130.86	132.8	1.948
1027	30	Biased	139.68	138.7	-0.9818
1028	30	Biased	135.24	133.85	-1.3919
1029	30	Biased	134.18	135.41	1.2292
1030	50	Unbiased	125.17	128.16	2.9947
1031	50	Unbiased	117.15	116.45	-0.7008
1032	50	Unbiased	127.39	125.36	-2.0385
1033	50	Unbiased	125.5	124.84	-0.6601
1034	50	Unbiased	129.2	130.62	1.4227
1035	50	Biased-84Hr-Anneal	127.51	130.31	2.7964
1036	50	Biased-84Hr-Anneal	127.42	130.59	3.1664
1037	50	Biased-84Hr-Anneal	131.26	131.6	0.3414
1038	50	Biased-84Hr-Anneal	138.74	123.27	-15.47
1039	50	Biased-84Hr-Anneal	124.45	139.11	14.655
1040	100	Unbiased-168Hr-Anneal	134.56	135.41	0.8594
1041	100	Unbiased-168Hr-Anneal	127.31	126.43	-0.8786
1042	100	Unbiased-168Hr-Anneal	134.62	137.23	2.6082
1043	100	Unbiased-168Hr-Anneal	138.07	139.29	1.2156
1044	100	Unbiased-168Hr-Anneal	134.6	132.63	-1.9649
1045	100	Biased-168Hr-Anneal	137.97	133.82	-4.1492
1046	100	Biased-168Hr-Anneal	131.94	132.4	0.4546
1047	100	Biased-168Hr-Anneal	116.62	117.13	0.5072
1048	100	Biased-168Hr-Anneal	140.03	141.72	1.6847
1049	100	Biased-168Hr-Anneal	128.54	129.36	0.8201



Test Statistics (µA)

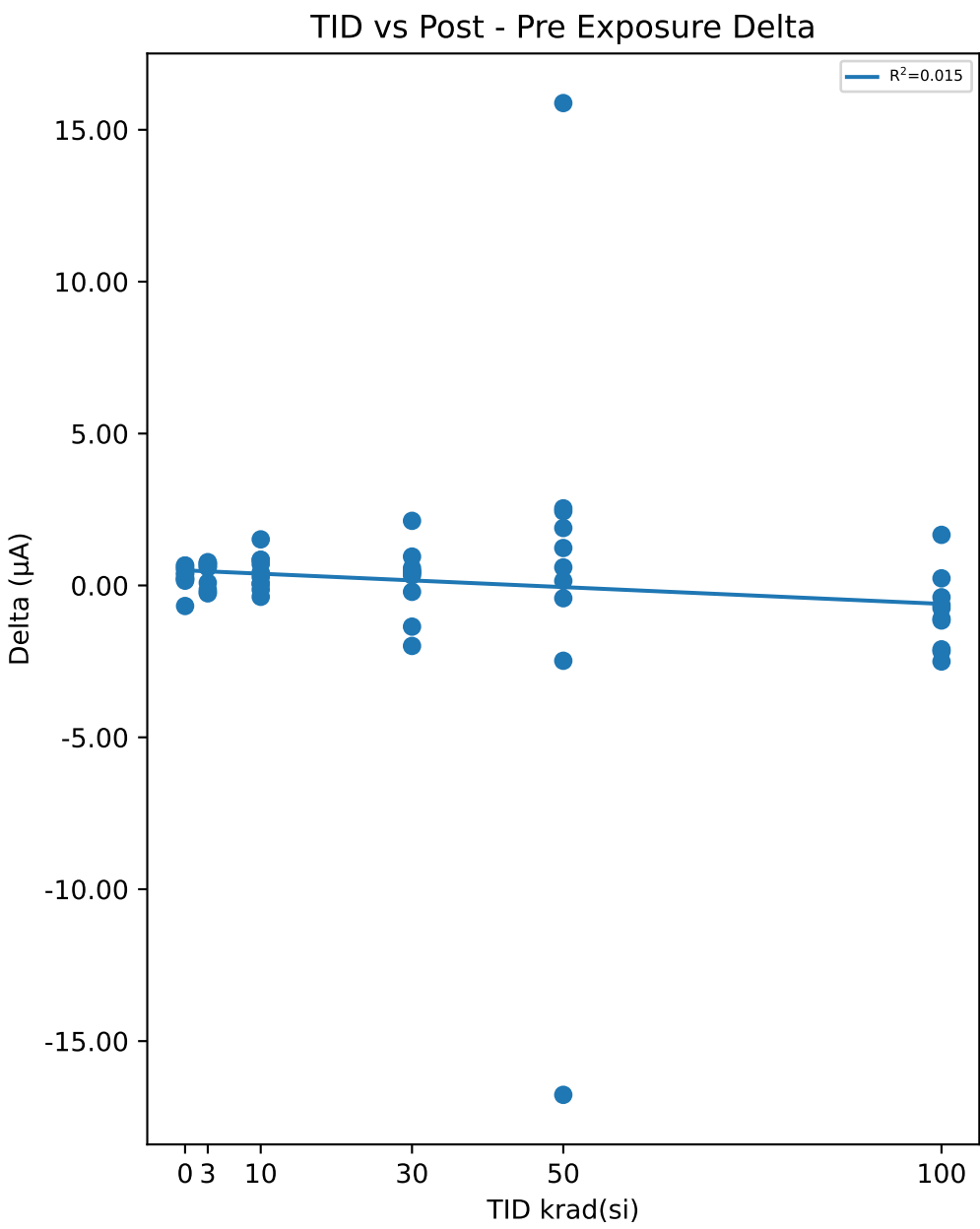
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.52	131.07	144.1	9.0118	122.38	131.2	144.39	9.0943	-0.6416	0.13138	0.7291	0.53421
3	126.7	133.15	148.13	6.2958	127.23	133.58	148.66	6.2394	-0.4944	0.42972	1.0452	0.51035
10	123.63	131.58	141.97	5.8457	124.87	131.76	141.86	5.6708	-1.0433	0.17922	1.3072	0.64053
30	126.27	132.2	139.68	3.683	125.8	132.65	138.7	3.3785	-1.3919	0.45091	1.948	1.1006
50	117.15	127.38	138.74	5.4698	116.45	128.03	139.11	6.0377	-15.47	0.6507	14.655	7.3327
100	116.62	132.43	140.03	6.8789	117.13	132.54	141.72	7.0449	-4.1492	0.11571	2.6082	1.9638

Device Test: 18.23 ERROR_AMP|STATIC/COMP/14////@EA_SINK



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	133.43	133.58	0.1561
516	0	CORRELATION	133.04	132.36	-0.6769
721	0	CORRELATION	122.73	122.91	0.1868
723	0	CORRELATION	142.52	143.18	0.6542
729	0	CORRELATION	122.92	123.3	0.3853
1000	3	Unbiased	136.9	136.77	-0.1365
1001	3	Unbiased	126.58	127.17	0.5933
1002	3	Unbiased	130.27	131	0.7218
1003	3	Unbiased	128.53	129.19	0.6625
1004	3	Unbiased	132.13	132.22	0.0881
1005	3	Biased	137.55	137.29	-0.2606
1006	3	Biased	127.02	127.65	0.6302
1007	3	Biased	135.7	136.43	0.7371
1008	3	Biased	150.58	151.35	0.7672
1009	3	Biased	131.3	131.08	-0.218
1010	10	Unbiased	124.59	124.46	-0.1351
1011	10	Unbiased	132.54	134.06	1.5171
1012	10	Unbiased	128.16	129	0.8439
1013	10	Unbiased	134.97	135.02	0.0481
1014	10	Unbiased	137.55	137.98	0.4264
1015	10	Biased	143.29	144.13	0.843
1016	10	Biased	137.9	137.97	0.0657
1017	10	Biased	130.71	130.99	0.2786
1018	10	Biased	126.59	126.22	-0.3742
1019	10	Biased	127.28	127.99	0.7058
1020	30	Unbiased	130.67	131.07	0.4004
1021	30	Unbiased	132.61	133.56	0.9505
1022	30	Unbiased	130.03	130.49	0.4592
1023	30	Unbiased	134.63	135.2	0.5718
1024	30	Unbiased	127.81	128.14	0.3324
1025	30	Biased	131.29	131.08	-0.2105
1026	30	Biased	129.89	132.01	2.1271
1027	30	Biased	137.88	136.52	-1.3559
1028	30	Biased	134.85	132.86	-1.9912
1029	30	Biased	134.92	135.39	0.4651
1030	50	Unbiased	125	127.44	2.4425
1031	50	Unbiased	118.45	118.03	-0.4213
1032	50	Unbiased	129.82	127.34	-2.4796
1033	50	Unbiased	124.05	124.21	0.1503
1034	50	Unbiased	129.06	130.29	1.2321
1035	50	Biased-84Hr-Anneal	128.74	130.63	1.8904
1036	50	Biased-84Hr-Anneal	127.25	129.78	2.5388
1037	50	Biased-84Hr-Anneal	129.83	130.43	0.5945
1038	50	Biased-84Hr-Anneal	139.88	123.11	-16.769
1039	50	Biased-84Hr-Anneal	124.7	140.58	15.879
1040	100	Unbiased-168Hr-Anneal	136.3	136.53	0.2344
1041	100	Unbiased-168Hr-Anneal	128.76	127.61	-1.1537
1042	100	Unbiased-168Hr-Anneal	134.96	136.63	1.6655
1043	100	Unbiased-168Hr-Anneal	139.11	138.72	-0.3896
1044	100	Unbiased-168Hr-Anneal	134.78	132.61	-2.1677
1045	100	Biased-168Hr-Anneal	136.95	134.45	-2.5038
1046	100	Biased-168Hr-Anneal	132.07	130.97	-1.0931
1047	100	Biased-168Hr-Anneal	115.59	114.84	-0.7461
1048	100	Biased-168Hr-Anneal	140.2	139.56	-0.6423
1049	100	Biased-168Hr-Anneal	130.79	128.68	-2.1033

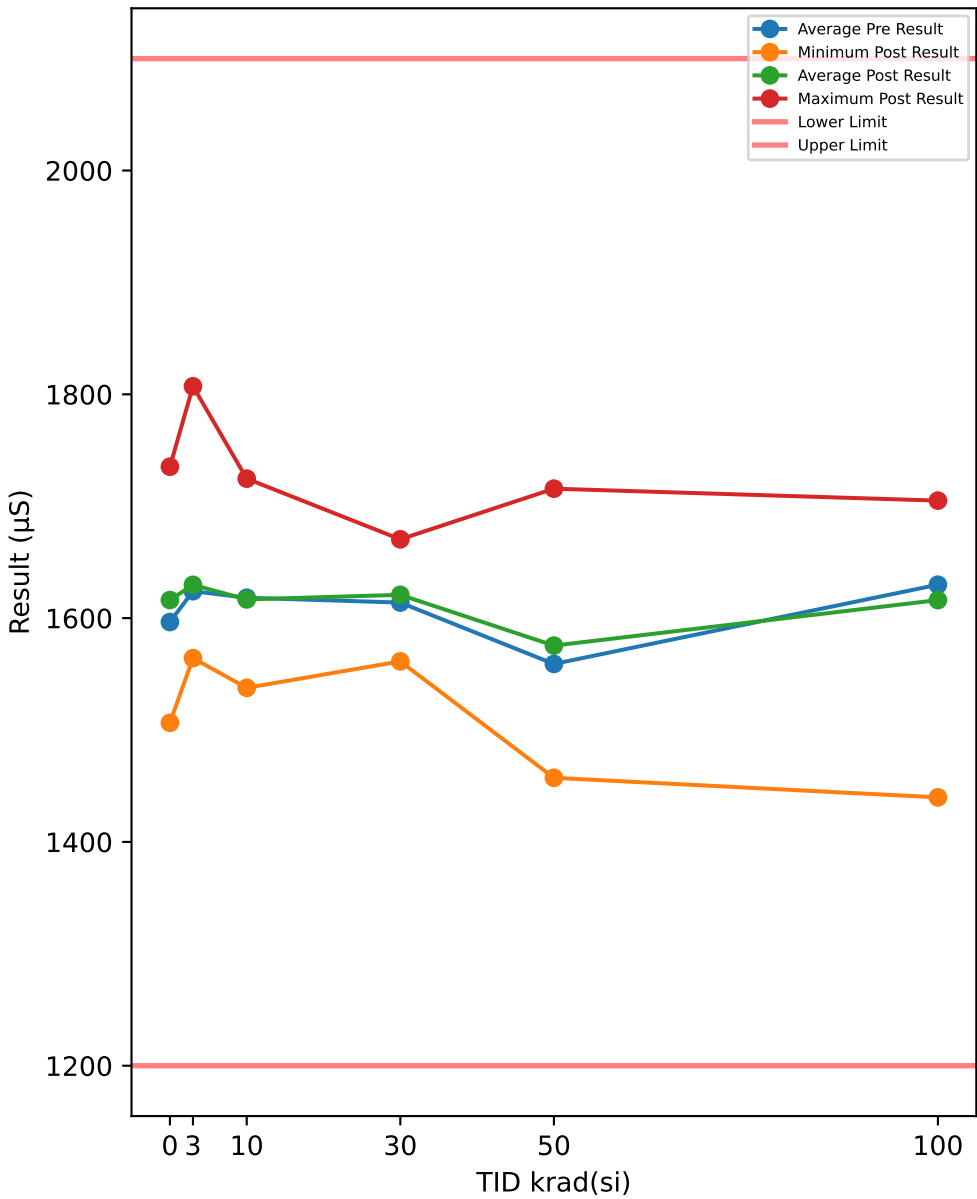


Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.73	130.93	142.52	8.3149	122.91	131.07	143.18	8.3875	-0.6769	0.1411	0.6542	0.49858
3	126.58	133.66	150.58	7.1194	127.17	134.01	151.35	7.12	-0.2606	0.35851	0.7672	0.43429
10	124.59	132.36	143.29	5.9967	124.46	132.78	144.13	6.1657	-0.3742	0.42193	1.5171	0.56437
30	127.81	132.46	137.88	3.0658	128.14	132.63	136.52	2.5866	-1.9912	0.17489	2.1271	1.1544
50	118.45	127.68	139.88	5.5338	118.03	128.18	140.58	5.9407	-16.769	0.50578	15.879	7.8529
100	115.59	132.95	140.2	7.0676	114.84	132.06	139.56	7.2748	-2.5038	-0.88997	1.6655	1.2449

Device Test: 18.3 EA|STATIC/COMP/4.5////@EA_GM

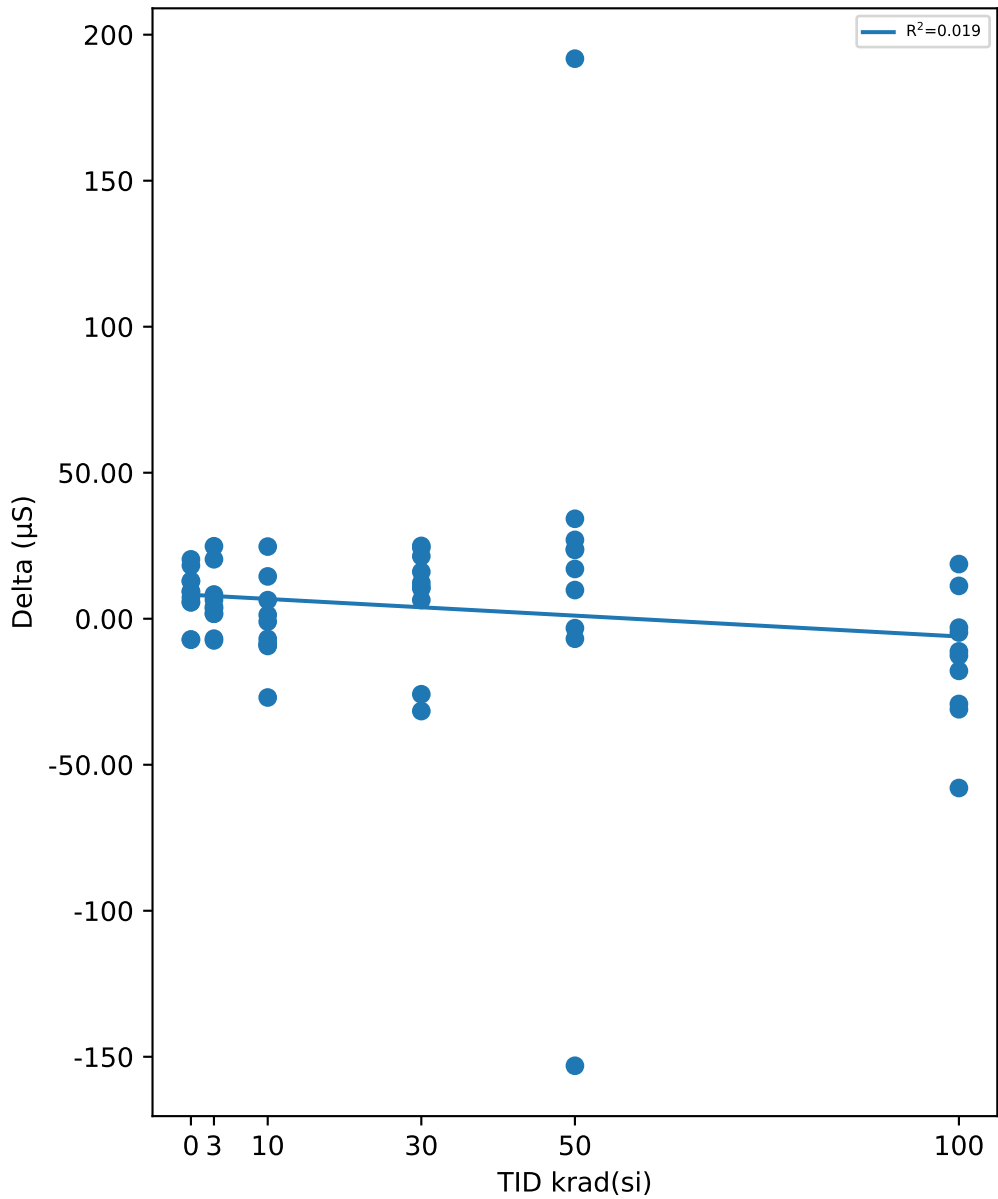
TID vs Result Stats



Test Results (Lower Limit = 1200.0, Upper Limit = 2100.0 (µS))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1616.1	1623.4	7.2791
516	0	CORRELATION	1616.5	1634.7	18.239
721	0	CORRELATION	1513.9	1534.2	20.336
723	0	CORRELATION	1722.4	1731.7	9.316
729	0	CORRELATION	1513.6	1519.3	5.6538
1000	3	Unbiased	1672.3	1664.9	-7.4262
1001	3	Unbiased	1559.3	1567.6	8.3043
1002	3	Unbiased	1575.9	1600.7	24.823
1003	3	Unbiased	1560.1	1564.2	4.0729
1004	3	Unbiased	1614.5	1617.9	3.4485
1005	3	Biased	1665.9	1659.1	-6.8205
1006	3	Biased	1554.8	1575.2	20.365
1007	3	Biased	1642.5	1644.2	1.7465
1008	3	Biased	1805.5	1807.2	1.7017
1009	3	Biased	1589.8	1596.3	6.4896
1010	10	Unbiased	1544.6	1537.7	-6.9016
1011	10	Unbiased	1623.3	1629.7	6.3627
1012	10	Unbiased	1568.9	1593.6	24.708
1013	10	Unbiased	1643.4	1642.4	-0.9894
1014	10	Unbiased	1680.4	1671.1	-9.3231
1015	10	Biased	1751.6	1724.6	-26.973
1016	10	Biased	1672.5	1663.6	-8.9637
1017	10	Biased	1617.9	1609.4	-8.4976
1018	10	Biased	1540.2	1541.5	1.2948
1019	10	Biased	1539.1	1553.6	14.495
1020	30	Unbiased	1589.2	1605.3	16.08
1021	30	Unbiased	1616.3	1622.7	6.4096
1022	30	Unbiased	1582.4	1607.3	24.937
1023	30	Unbiased	1640.6	1651	10.381
1024	30	Unbiased	1549	1561.4	12.34
1025	30	Biased	1589.4	1600.2	10.832
1026	30	Biased	1589.1	1613.4	24.366
1027	30	Biased	1702	1670.4	-31.622
1028	30	Biased	1647.9	1622	-25.857
1029	30	Biased	1633	1654.4	21.394
1030	50	Unbiased	1544.8	1571.8	26.999
1031	50	Unbiased	1464.1	1457.3	-6.8485
1032	50	Unbiased	1564.1	1560.9	-3.2307
1033	50	Unbiased	1529.3	1539.1	9.8207
1034	50	Unbiased	1576.2	1600.1	23.834
1035	50	Biased-84Hr-Anneal	1579.2	1596.2	17.046
1036	50	Biased-84Hr-Anneal	1559.7	1593.9	34.229
1037	50	Biased-84Hr-Anneal	1586.8	1610.4	23.571
1038	50	Biased-84Hr-Anneal	1662.2	1509.2	-153.08
1039	50	Biased-84Hr-Anneal	1523.9	1715.7	191.79
1040	100	Unbiased-168Hr-Anneal	1663.7	1651.1	-12.599
1041	100	Unbiased-168Hr-Anneal	1570.1	1552.3	-17.854
1042	100	Unbiased-168Hr-Anneal	1653.9	1665.1	11.244
1043	100	Unbiased-168Hr-Anneal	1683.1	1701.8	18.72
1044	100	Unbiased-168Hr-Anneal	1654	1623	-31
1045	100	Biased-168Hr-Anneal	1703.5	1645.5	-57.966
1046	100	Biased-168Hr-Anneal	1610.3	1605.6	-4.7156
1047	100	Biased-168Hr-Anneal	1451	1439.8	-11.176
1048	100	Biased-168Hr-Anneal	1708.1	1705	-3.0551
1049	100	Biased-168Hr-Anneal	1601.1	1571.9	-29.186

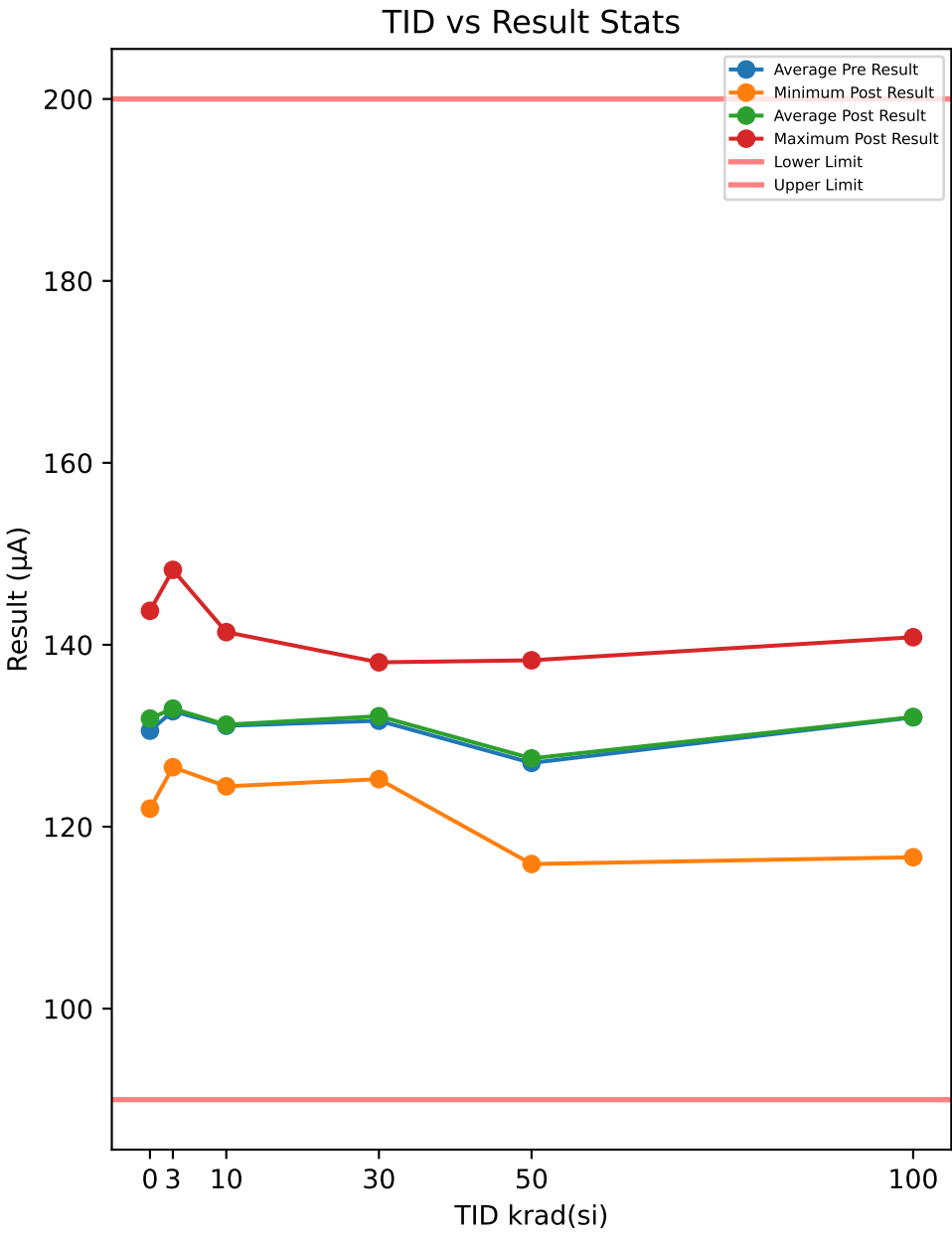
TID vs Post - Pre Exposure Delta



Test Statistics (µS)

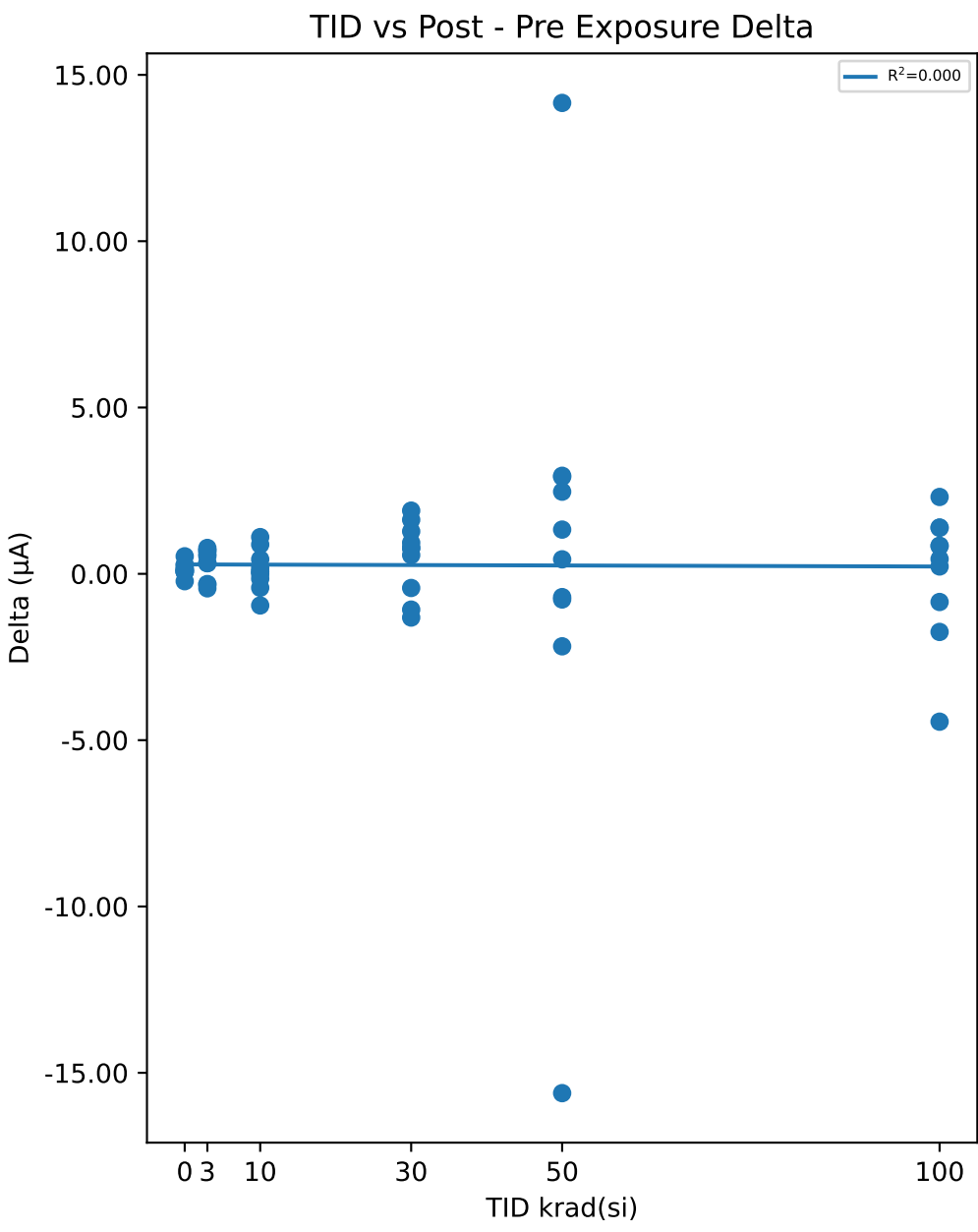
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1513.6	1596.5	1722.4	87.085	1519.3	1608.6	1731.7	85.988	5.6538	12.165	20.336	6.6716
3	1554.8	1624.1	1805.5	77.451	1564.2	1629.7	1807.2	72.281	-7.4262	5.6705	24.823	10.309
10	1539.1	1618.2	1751.6	71.08	1537.7	1616.7	1724.6	61.555	-26.973	-1.4788	24.708	14.362
30	1549	1613.9	1702	43.514	1561.4	1620.8	1670.4	31.525	-31.622	6.9262	24.937	19.83
50	1464.1	1559	1662.2	51.075	1457.3	1575.5	1715.7	68.447	-153.08	16.413	191.79	82.322
100	1451	1629.9	1708.1	77.056	1439.8	1616.1	1705	79.582	-57.966	-13.759	18.72	22.087

Device Test: 18.4 ERROR_AMP|STATIC/COMP/4.5////@EA_SOURCE



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	131.64	131.41	-0.2213
516	0	CORRELATION	133.35	133.88	0.5272
721	0	CORRELATION	122.31	122.44	0.1308
723	0	CORRELATION	143.59	143.73	0.1432
729	0	CORRELATION	121.91	121.99	0.0743
1000	3	Unbiased	136.53	136.21	-0.3174
1001	3	Unbiased	126.01	126.54	0.532
1002	3	Unbiased	129.94	130.26	0.3217
1003	3	Unbiased	127.93	127.5	-0.4358
1004	3	Unbiased	131.88	132.58	0.7011
1005	3	Biased	135.98	135.68	-0.3082
1006	3	Biased	128.16	128.75	0.592
1007	3	Biased	133.65	134.35	0.7042
1008	3	Biased	147.46	148.24	0.7782
1009	3	Biased	129.41	129.73	0.3197
1010	10	Unbiased	124.11	124.54	0.4363
1011	10	Unbiased	132.78	132.85	0.0746
1012	10	Unbiased	128.74	128.92	0.1771
1013	10	Unbiased	132.28	133.15	0.879
1014	10	Unbiased	135.73	135.32	-0.4179
1015	10	Biased	141.39	141.39	-0.0014
1016	10	Biased	136.27	136.32	0.0544
1017	10	Biased	131.04	130.09	-0.9506
1018	10	Biased	125.33	125.18	-0.1454
1019	10	Biased	123.34	124.44	1.1044
1020	30	Unbiased	129.24	130.87	1.6244
1021	30	Unbiased	131.45	132.23	0.7841
1022	30	Unbiased	129.61	130.17	0.5633
1023	30	Unbiased	132.81	133.74	0.9346
1024	30	Unbiased	125.65	125.23	-0.4252
1025	30	Biased	129.9	130.67	0.7688
1026	30	Biased	130.34	132.24	1.9002
1027	30	Biased	139.15	138.07	-1.0753
1028	30	Biased	134.7	133.38	-1.314
1029	30	Biased	133.63	134.91	1.2771
1030	50	Unbiased	124.83	127.77	2.9477
1031	50	Unbiased	116.6	115.9	-0.6997
1032	50	Unbiased	127.18	125	-2.1786
1033	50	Unbiased	125.18	124.41	-0.7703
1034	50	Unbiased	128.72	130.04	1.3299
1035	50	Biased-84Hr-Anneal	127.31	129.78	2.4696
1036	50	Biased-84Hr-Anneal	127.19	130.1	2.9163
1037	50	Biased-84Hr-Anneal	130.69	131.12	0.4362
1038	50	Biased-84Hr-Anneal	138.31	122.69	-15.611
1039	50	Biased-84Hr-Anneal	124.14	138.29	14.157
1040	100	Unbiased-168Hr-Anneal	134.2	135.04	0.8439
1041	100	Unbiased-168Hr-Anneal	126.86	126.01	-0.8463
1042	100	Unbiased-168Hr-Anneal	134.4	136.71	2.3111
1043	100	Unbiased-168Hr-Anneal	137.7	139.09	1.387
1044	100	Unbiased-168Hr-Anneal	134.01	132.26	-1.7466
1045	100	Biased-168Hr-Anneal	137.7	133.26	-4.4448
1046	100	Biased-168Hr-Anneal	131.6	131.82	0.2216
1047	100	Biased-168Hr-Anneal	116.2	116.64	0.4457
1048	100	Biased-168Hr-Anneal	139.44	140.83	1.3898
1049	100	Biased-168Hr-Anneal	128.12	128.96	0.8366

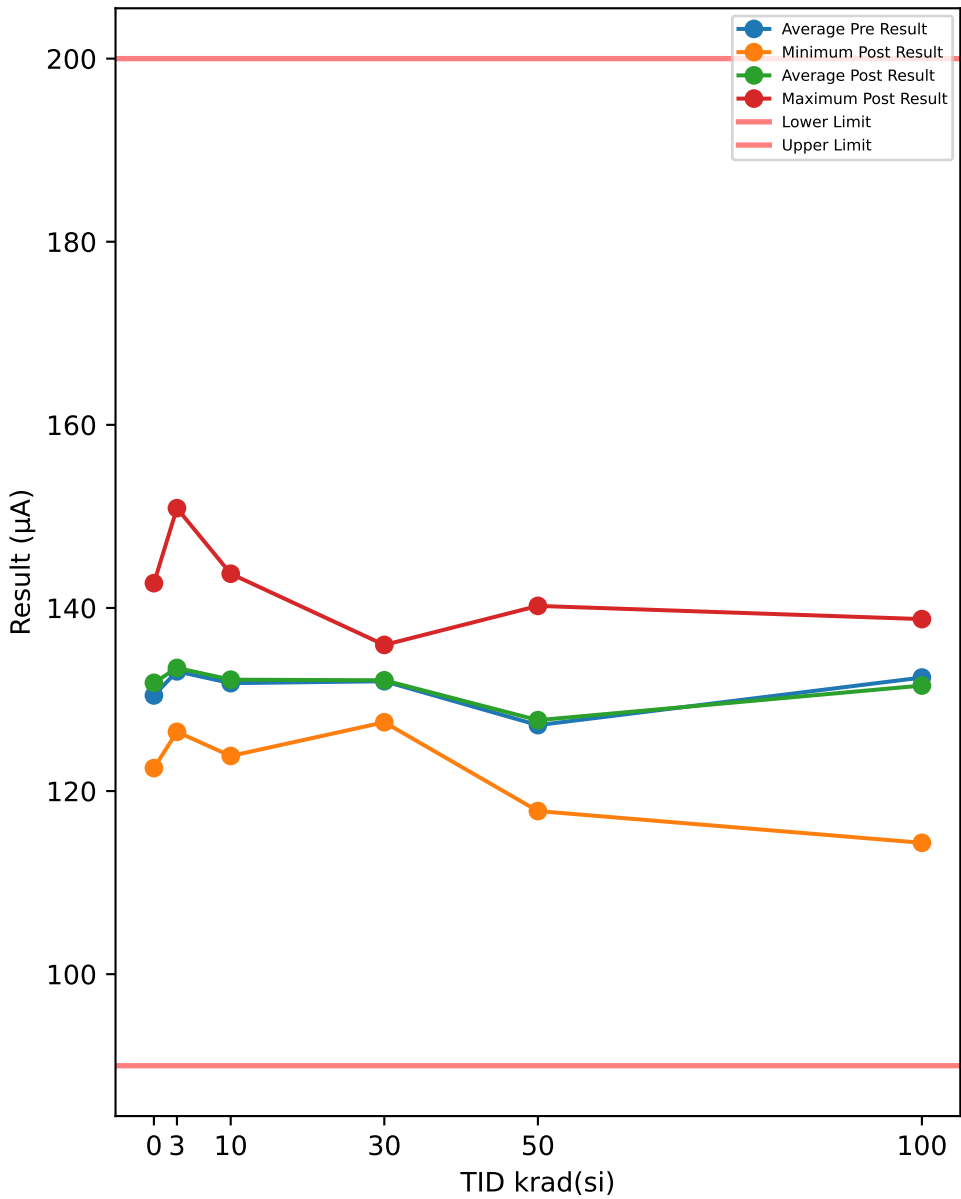


Test Statistics (µA)

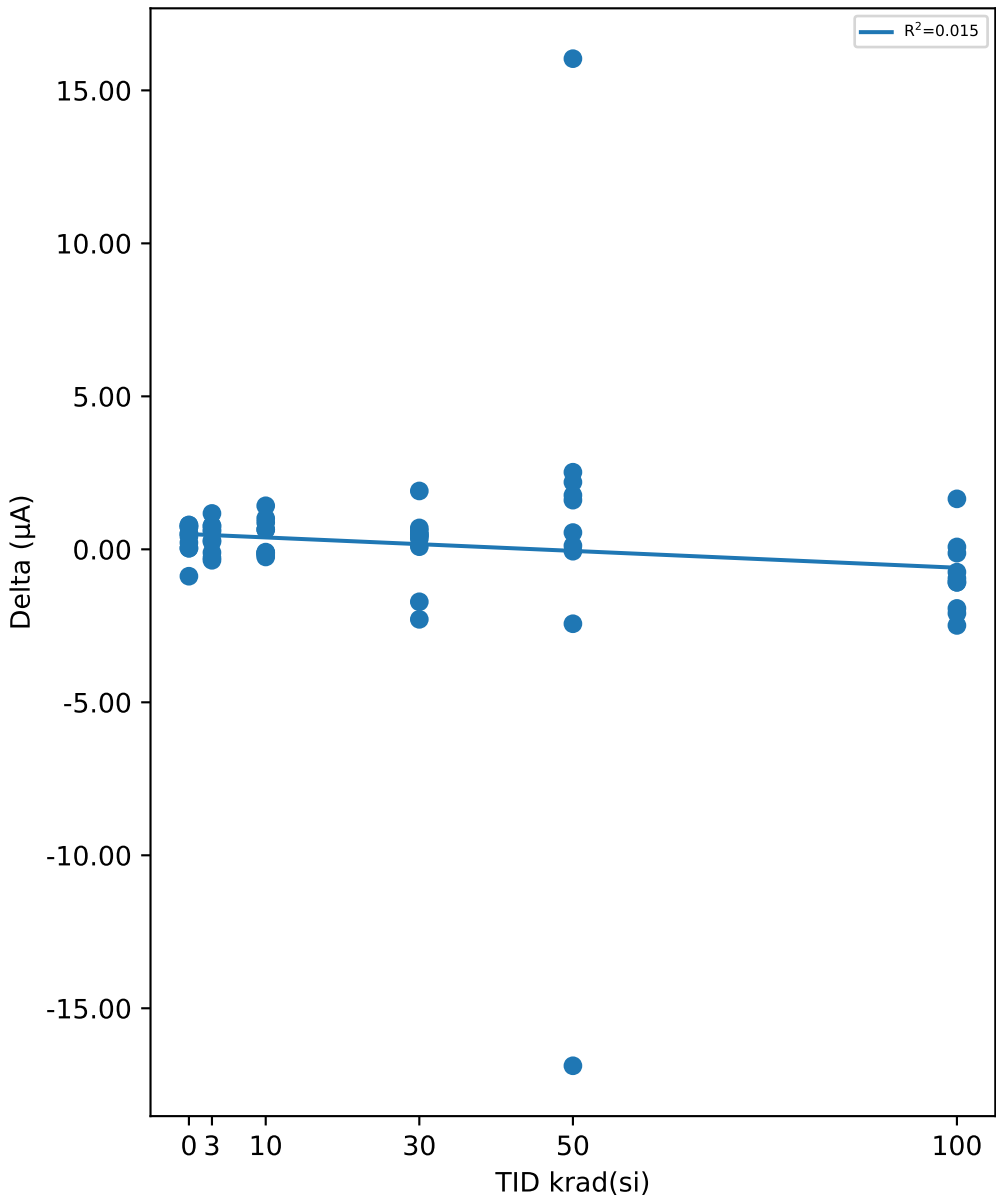
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	121.91	130.56	143.59	8.9663	121.99	130.69	143.73	9.0086	-0.2213	0.13084	0.5272	0.26667
3	126.01	132.7	147.46	6.2485	126.54	132.98	148.24	6.3235	-0.4358	0.28875	0.7782	0.46953
10	123.34	131.1	141.39	5.8346	124.44	131.22	141.39	5.6394	-0.9506	0.12105	1.1044	0.594
30	125.65	131.65	139.15	3.6748	125.23	132.15	138.07	3.374	-1.314	0.5038	1.9002	1.0956
50	116.6	127.01	138.31	5.4659	115.9	127.51	138.29	5.9776	-15.611	0.49965	14.157	7.2473
100	116.2	132.02	139.44	6.8826	116.64	132.06	140.83	7.0097	-4.4448	0.0398	2.3111	1.954

Device Test: 18.5 ERROR_AMP|STATIC/COMP/4.5/////@EA_SINK

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Lower Limit = 90.0, Upper Limit = 200.0 (µA))

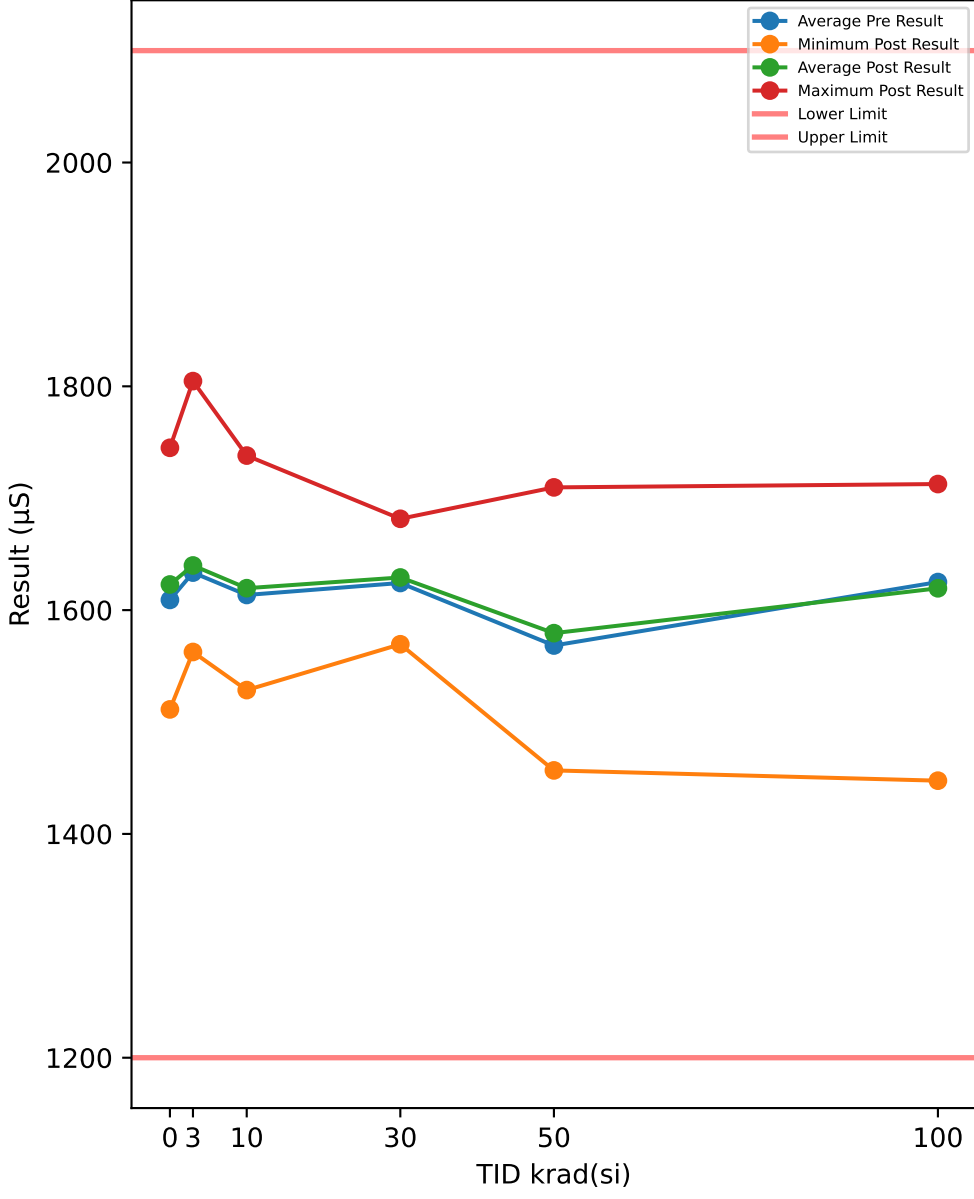
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	133	133.22	0.2176
516	0	CORRELATION	132.49	131.62	-0.8787
721	0	CORRELATION	122.09	122.51	0.4202
723	0	CORRELATION	141.91	142.71	0.7936
729	0	CORRELATION	122.71	123.22	0.5098
1000	3	Unbiased	136.08	135.97	-0.1065
1001	3	Unbiased	126.22	126.47	0.2492
1002	3	Unbiased	129.5	130.67	1.1735
1003	3	Unbiased	128.12	128.71	0.5846
1004	3	Unbiased	131.39	131.69	0.2917
1005	3	Biased	137.08	136.81	-0.2771
1006	3	Biased	126.42	127.07	0.645
1007	3	Biased	135.06	135.82	0.7668
1008	3	Biased	150.13	150.9	0.7673
1009	3	Biased	130.75	130.39	-0.3582
1010	10	Unbiased	123.95	123.83	-0.1192
1011	10	Unbiased	132.15	133.57	1.4234
1012	10	Unbiased	127.56	128.44	0.8755
1013	10	Unbiased	134.49	134.24	-0.2494
1014	10	Unbiased	137.07	136.88	-0.1835
1015	10	Biased	142.72	143.74	1.0136
1016	10	Biased	137.53	137.44	-0.091
1017	10	Biased	129.76	130.41	0.6513
1018	10	Biased	125.83	125.7	-0.1244
1019	10	Biased	126.78	127.43	0.6437
1020	30	Unbiased	130.19	130.79	0.6036
1021	30	Unbiased	132.22	132.92	0.7
1022	30	Unbiased	129.43	129.92	0.4906
1023	30	Unbiased	134.28	134.76	0.4785
1024	30	Unbiased	127.17	127.52	0.3462
1025	30	Biased	130.78	130.86	0.0863
1026	30	Biased	129.53	131.43	1.9078
1027	30	Biased	137.68	135.96	-1.7143
1028	30	Biased	134.43	132.14	-2.2882
1029	30	Biased	134.22	134.66	0.4353
1030	50	Unbiased	124.45	126.97	2.5204
1031	50	Unbiased	117.88	117.81	-0.0615
1032	50	Unbiased	129.01	126.58	-2.4323
1033	50	Unbiased	123.91	124.03	0.1186
1034	50	Unbiased	128.56	130.17	1.6072
1035	50	Biased-84Hr-Anneal	128.37	130.13	1.7666
1036	50	Biased-84Hr-Anneal	126.75	128.94	2.1948
1037	50	Biased-84Hr-Anneal	129.51	130.05	0.5485
1038	50	Biased-84Hr-Anneal	139.38	122.5	-16.879
1039	50	Biased-84Hr-Anneal	124.19	140.22	16.036
1040	100	Unbiased-168Hr-Anneal	135.93	136	0.0782
1041	100	Unbiased-168Hr-Anneal	128.17	127.22	-0.9497
1042	100	Unbiased-168Hr-Anneal	134.28	135.93	1.6496
1043	100	Unbiased-168Hr-Anneal	138.39	138.27	-0.1246
1044	100	Unbiased-168Hr-Anneal	134.1	132.01	-2.0897
1045	100	Biased-168Hr-Anneal	136.42	133.94	-2.4871
1046	100	Biased-168Hr-Anneal	131.52	130.44	-1.0763
1047	100	Biased-168Hr-Anneal	115.09	114.35	-0.745
1048	100	Biased-168Hr-Anneal	139.86	138.78	-1.078
1049	100	Biased-168Hr-Anneal	130.24	128.31	-1.9309

Test Statistics (µA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	122.09	130.44	141.91	8.2447	122.51	130.66	142.71	8.2821	-0.8787	0.2125	0.7936	0.64419
3	126.22	133.08	150.13	7.1232	126.47	133.45	150.9	7.1475	-0.3582	0.37363	1.1735	0.50324
10	123.95	131.78	142.72	6.0718	123.83	132.17	143.74	6.1545	-0.2494	0.384	1.4234	0.60716
30	127.17	131.99	137.68	3.1466	127.52	132.1	135.96	2.5522	-2.2882	0.10458	1.9078	1.2177
50	117.88	127.2	139.38	5.5251	117.81	127.74	140.22	5.9244	-16.879	0.54196	16.036	7.9038
100	115.09	132.4	139.86	7.0672	114.35	131.52	138.78	7.2169	-2.4871	-0.87535	1.6496	1.2082

Device Test: 18.9 EA|STATIC/COMP/5////@EA_GM

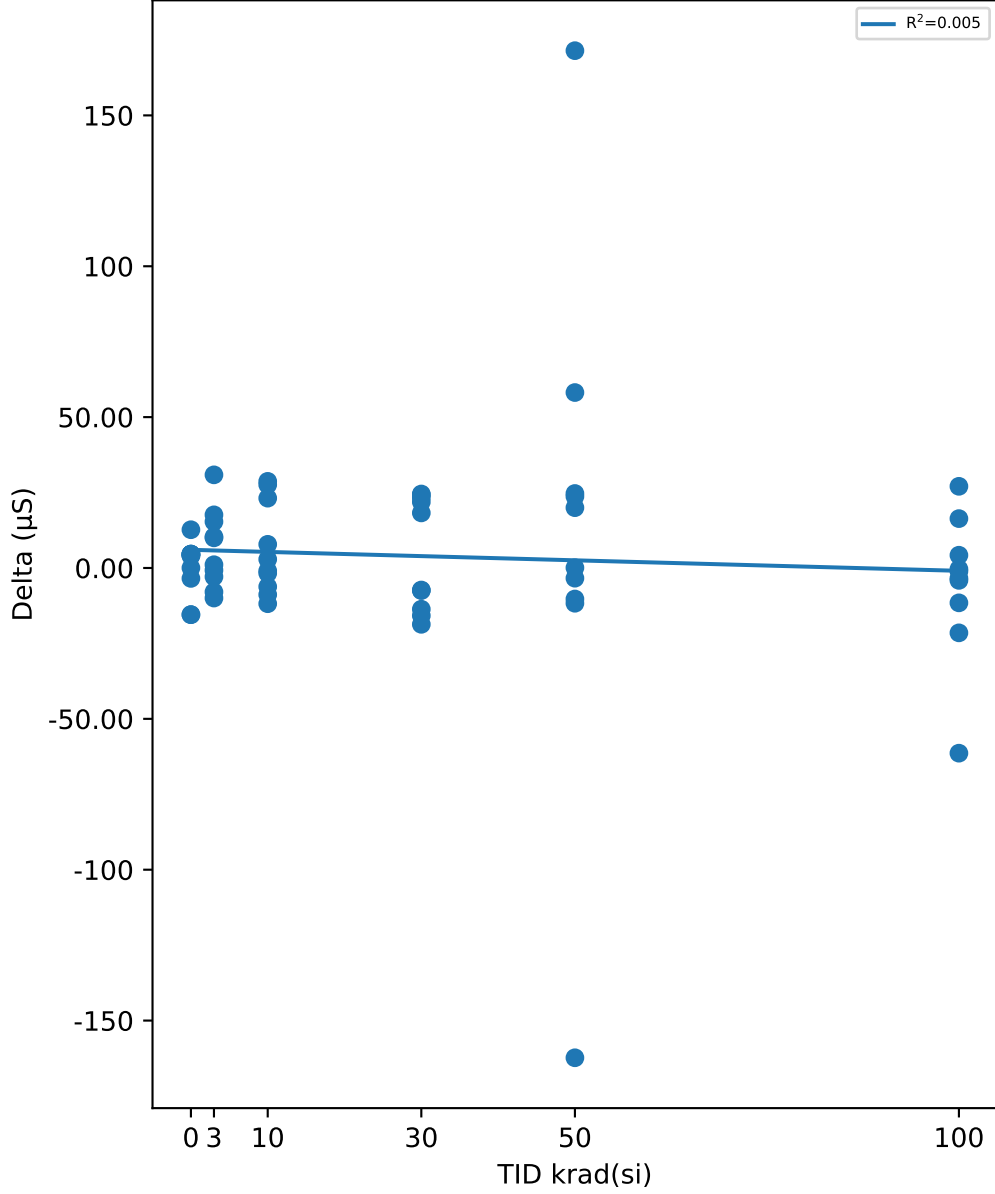
TID vs Result Stats



Test Results (Lower Limit = 1200.0, Upper Limit = 2100.0 (µS))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1630.4	1626.9	-3.4546
516	0	CORRELATION	1621.4	1634	12.68
721	0	CORRELATION	1526.6	1526.7	0.0347
723	0	CORRELATION	1740.5	1744.5	4.0721
729	0	CORRELATION	1526.7	1511.3	-15.465
1000	3	Unbiased	1670.6	1671.7	1.0821
1001	3	Unbiased	1565.5	1562.6	-2.8942
1002	3	Unbiased	1585.2	1616.1	30.867
1003	3	Unbiased	1585.6	1577.6	-7.9469
1004	3	Unbiased	1617.3	1635	17.613
1005	3	Biased	1677.1	1676.3	-0.7373
1006	3	Biased	1574	1584.3	10.345
1007	3	Biased	1652.6	1668	15.354
1008	3	Biased	1814.6	1804.7	-9.9646
1009	3	Biased	1592.8	1602.8	9.9826
1010	10	Unbiased	1540.4	1528.5	-11.845
1011	10	Unbiased	1629.4	1658.1	28.713
1012	10	Unbiased	1572.8	1596	23.139
1013	10	Unbiased	1631.7	1634.6	2.8856
1014	10	Unbiased	1672.3	1666.1	-6.2029
1015	10	Biased	1730.3	1738.1	7.8424
1016	10	Biased	1679.2	1670.4	-8.8361
1017	10	Biased	1601.6	1600.7	-0.9474
1018	10	Biased	1547.4	1545.7	-1.7394
1019	10	Biased	1530.1	1557.7	27.597
1020	30	Unbiased	1611.8	1593.1	-18.672
1021	30	Unbiased	1622.8	1646	23.26
1022	30	Unbiased	1610.9	1595.1	-15.799
1023	30	Unbiased	1639.3	1657.5	18.252
1024	30	Unbiased	1576.8	1569.5	-7.3016
1025	30	Biased	1590.9	1615.1	24.237
1026	30	Biased	1601.1	1625.7	24.521
1027	30	Biased	1689.1	1681.6	-7.4832
1028	30	Biased	1659	1645.3	-13.667
1029	30	Biased	1640.8	1662.6	21.862
1030	50	Unbiased	1521.9	1580	58.147
1031	50	Unbiased	1467	1456.8	-10.28
1032	50	Unbiased	1579	1579.1	0.0817
1033	50	Unbiased	1541.5	1538.1	-3.3848
1034	50	Unbiased	1583	1607.7	24.688
1035	50	Biased-84Hr-Anneal	1576.6	1600.4	23.71
1036	50	Biased-84Hr-Anneal	1572.2	1592.2	19.986
1037	50	Biased-84Hr-Anneal	1613.3	1601.6	-11.69
1038	50	Biased-84Hr-Anneal	1690.9	1528.6	-162.33
1039	50	Biased-84Hr-Anneal	1538.2	1709.7	171.45
1040	100	Unbiased-168Hr-Anneal	1662.8	1667	4.2295
1041	100	Unbiased-168Hr-Anneal	1573.5	1570.1	-3.4162
1042	100	Unbiased-168Hr-Anneal	1630.1	1657.2	27.066
1043	100	Unbiased-168Hr-Anneal	1676.4	1692.7	16.364
1044	100	Unbiased-168Hr-Anneal	1639.5	1627.9	-11.557
1045	100	Biased-168Hr-Anneal	1686.4	1625.1	-61.379
1046	100	Biased-168Hr-Anneal	1620.9	1616.8	-4.1083
1047	100	Biased-168Hr-Anneal	1448.7	1447.6	-1.0812
1048	100	Biased-168Hr-Anneal	1713	1712.7	-0.3497
1049	100	Biased-168Hr-Anneal	1599.6	1578.1	-21.5

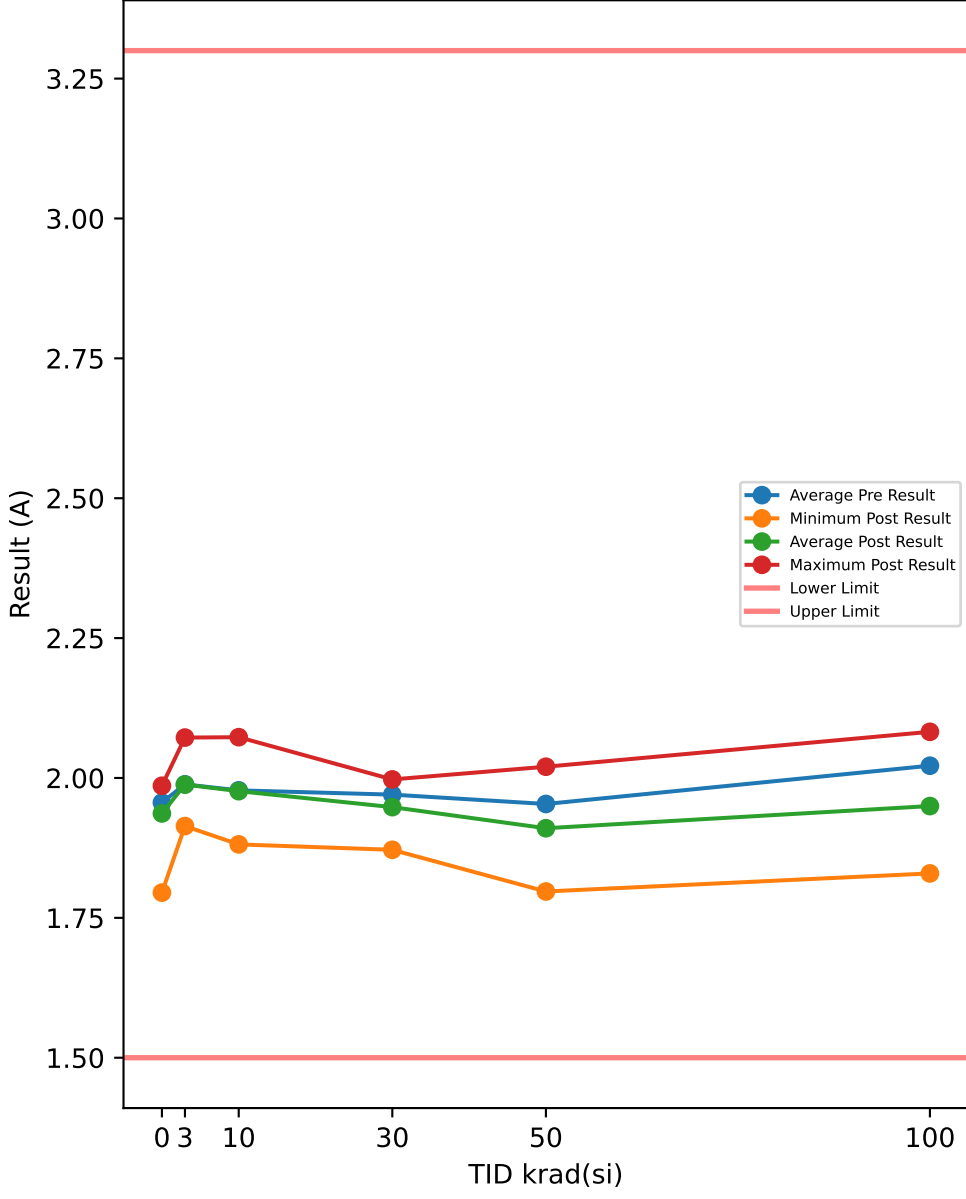
TID vs Post - Pre Exposure Delta



Test Statistics (µS)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1526.6	1609.1	1740.5	88.67	1511.3	1608.7	1744.5	94.409	-15.465	-0.42642	12.68	10.339
3	1565.5	1633.5	1814.6	75.402	1562.6	1639.9	1804.7	70.86	-9.9646	6.3701	30.867	12.79
10	1530.1	1613.5	1730.3	67.045	1528.5	1619.6	1738.1	65.825	-11.845	6.0607	28.713	15.22
30	1576.8	1624.2	1689.1	33.576	1569.5	1629.2	1681.6	35.668	-18.672	4.921	24.521	18.836
50	1467	1568.4	1690.9	59.164	1456.8	1579.4	1709.7	65.15	-162.33	11.038	171.45	81.468
100	1448.7	1625.1	1713	74.711	1447.6	1619.5	1712.7	75.678	-61.379	-5.5732	27.066	23.806

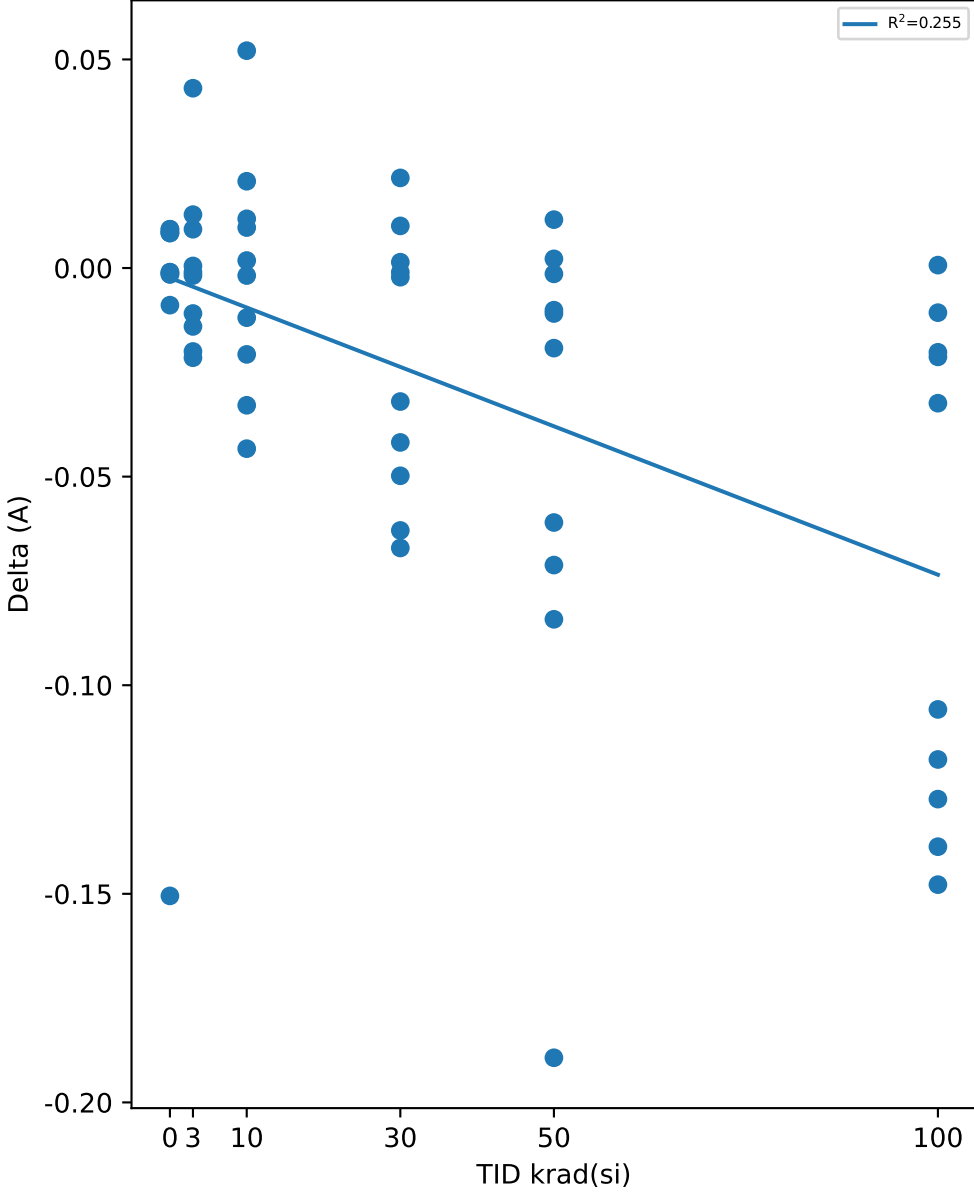
TID vs Result Stats



Test Results (Lower Limit = 1.5, Upper Limit = 3.3 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9456	1.7951	-0.1505
516	0	CORRELATION	1.9759	1.967	-0.0089
721	0	CORRELATION	1.9776	1.9861	0.0085
723	0	CORRELATION	1.9459	1.9552	0.0093
729	0	CORRELATION	1.9352	1.9342	-0.001
1000	3	Unbiased	2.0732	2.0722	-0.001
1001	3	Unbiased	2.0205	2.0298	0.0093
1002	3	Unbiased	2.0622	2.0604	-0.0018
1003	3	Unbiased	1.9012	1.914	0.0128
1004	3	Unbiased	1.9341	1.9346	0.0005
1005	3	Biased	1.9771	1.9662	-0.0109
1006	3	Biased	1.9559	1.9344	-0.0215
1007	3	Biased	2.0095	1.9955	-0.014
1008	3	Biased	2.0715	2.0515	-0.02
1009	3	Biased	1.8806	1.9237	0.0431
1010	10	Unbiased	2.0711	2.0729	0.0018
1011	10	Unbiased	1.9332	1.954	0.0208
1012	10	Unbiased	2.0077	2.0195	0.0118
1013	10	Unbiased	1.9776	1.9873	0.0097
1014	10	Unbiased	1.8831	1.8813	-0.0018
1015	10	Biased	1.9775	1.9342	-0.0433
1016	10	Biased	1.935	1.9871	0.0521
1017	10	Biased	2.0099	1.998	-0.0119
1018	10	Biased	2.0182	1.9853	-0.0329
1019	10	Biased	1.9653	1.9446	-0.0207
1020	30	Unbiased	1.9871	1.9849	-0.0022
1021	30	Unbiased	1.9037	1.9138	0.0101
1022	30	Unbiased	1.9648	1.9662	0.0014
1023	30	Unbiased	1.9666	1.9882	0.0216
1024	30	Unbiased	1.9984	1.9974	-0.001
1025	30	Biased	2.0182	1.9553	-0.0629
1026	30	Biased	2.031	1.9639	-0.0671
1027	30	Biased	1.9036	1.8716	-0.032
1028	30	Biased	1.9751	1.9333	-0.0418
1029	30	Biased	1.9539	1.9041	-0.0498
1030	50	Unbiased	1.9648	1.9547	-0.0101
1031	50	Unbiased	1.8379	1.8401	0.0022
1032	50	Unbiased	2.031	2.0201	-0.0109
1033	50	Unbiased	1.8397	1.8383	-0.0014
1034	50	Unbiased	1.9336	1.9144	-0.0192
1035	50	Biased-84Hr-Anneal	1.9851	1.9139	-0.0712
1036	50	Biased-84Hr-Anneal	2.0705	1.9863	-0.0842
1037	50	Biased-84Hr-Anneal	1.9958	1.9348	-0.061
1038	50	Biased-84Hr-Anneal	1.8904	1.902	0.0116
1039	50	Biased-84Hr-Anneal	1.9864	1.7971	-0.1893
1040	100	Unbiased-168Hr-Anneal	2.0081	1.9974	-0.0107
1041	100	Unbiased-168Hr-Anneal	2.0929	2.0727	-0.0202
1042	100	Unbiased-168Hr-Anneal	2.0818	2.0825	0.0007
1043	100	Unbiased-168Hr-Anneal	1.8716	1.8503	-0.0213
1044	100	Unbiased-168Hr-Anneal	1.9776	1.9452	-0.0324
1045	100	Biased-168Hr-Anneal	2.0514	1.9036	-0.1478
1046	100	Biased-168Hr-Anneal	2.0207	1.8934	-0.1273
1047	100	Biased-168Hr-Anneal	1.9352	1.8294	-0.1058
1048	100	Biased-168Hr-Anneal	2.1269	1.9882	-0.1387
1049	100	Biased-168Hr-Anneal	2.053	1.9352	-0.1178

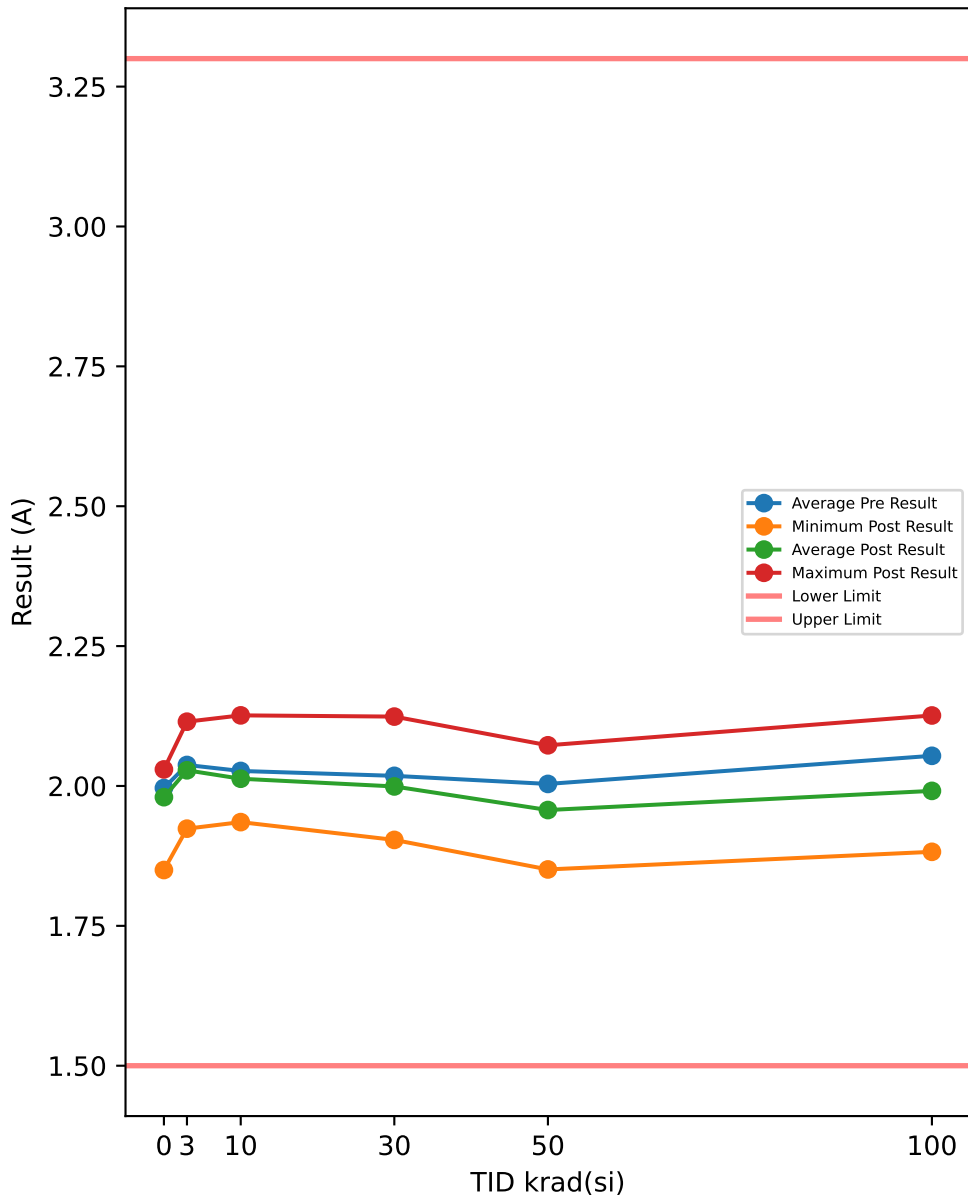
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9352	1.956	1.9776	0.0194	1.7951	1.9275	1.9861	0.076381	-0.1505	-0.02852	0.0093	0.068597
3	1.8806	1.9886	2.0732	0.070218	1.914	1.9882	2.0722	0.061443	-0.0215	-0.00035	0.0431	0.019114
10	1.8831	1.9779	2.0711	0.052922	1.8813	1.9764	2.0729	0.051947	-0.0433	-0.00144	0.0521	0.027676
30	1.9036	1.9702	2.031	0.042519	1.8716	1.9479	1.9974	0.041103	-0.0671	-0.02237	0.0216	0.032115
50	1.8379	1.9535	2.0705	0.077735	1.7971	1.9102	2.0201	0.069465	-0.1893	-0.04335	0.0116	0.061149
100	1.8716	2.0219	2.1269	0.077282	1.8294	1.9498	2.0825	0.085894	-0.1478	-0.07213	0.0007	0.059961

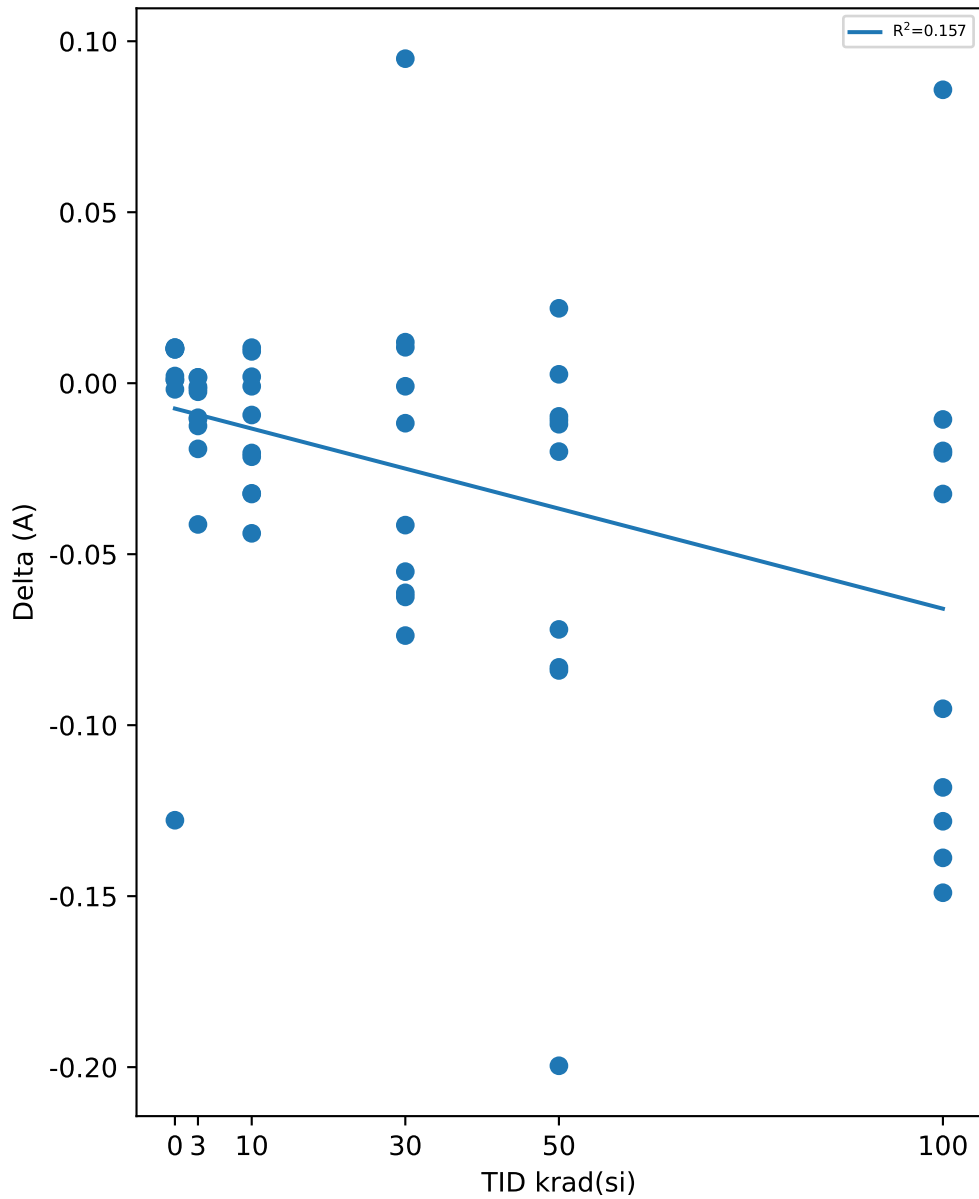
TID vs Result Stats



Test Results (Lower Limit = 1.5, Upper Limit = 3.3 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9776	1.8498	-0.1278
516	0	CORRELATION	2.0186	2.0207	0.0021
721	0	CORRELATION	2.0314	2.0296	-0.0018
723	0	CORRELATION	1.9984	1.9994	0.001
729	0	CORRELATION	1.9558	1.9662	0.0104
1000	3	Unbiased	2.1159	2.1149	-0.001
1001	3	Unbiased	2.0731	2.0626	-0.0105
1002	3	Unbiased	2.1056	2.1031	-0.0025
1003	3	Unbiased	1.9439	1.9456	0.0017
1004	3	Unbiased	1.976	1.9777	0.0017
1005	3	Biased	2.0198	2.0097	-0.0101
1006	3	Biased	1.9994	1.9869	-0.0125
1007	3	Biased	2.0624	2.0608	-0.0016
1008	3	Biased	2.1142	2.095	-0.0192
1009	3	Biased	1.965	1.9237	-0.0413
1010	10	Unbiased	2.1355	2.1262	-0.0093
1011	10	Unbiased	1.9862	1.9853	-0.0009
1012	10	Unbiased	2.0607	2.0626	0.0019
1013	10	Unbiased	2.0203	2.0296	0.0093
1014	10	Unbiased	1.925	1.9354	0.0104
1015	10	Biased	2.0099	1.9777	-0.0322
1016	10	Biased	1.9994	1.9555	-0.0439
1017	10	Biased	2.0624	2.03	-0.0324
1018	10	Biased	2.0506	2.0291	-0.0215
1019	10	Biased	2.0184	1.998	-0.0204
1020	30	Unbiased	2.0291	2.124	0.0949
1021	30	Unbiased	1.9563	1.9446	-0.0117
1022	30	Unbiased	2.0075	2.0195	0.012
1023	30	Unbiased	2.0096	2.0201	0.0105
1024	30	Unbiased	2.0521	2.0512	-0.0009
1025	30	Biased	2.0711	2.0086	-0.0625
1026	30	Biased	2.0736	2.0185	-0.0551
1027	30	Biased	1.9451	1.9036	-0.0415
1028	30	Biased	2.0289	1.9551	-0.0738
1029	30	Biased	2.0077	1.9464	-0.0613
1030	50	Unbiased	2.0075	1.9978	-0.0097
1031	50	Unbiased	1.8806	1.8832	0.0026
1032	50	Unbiased	2.0835	2.0727	-0.0108
1033	50	Unbiased	1.893	1.881	-0.012
1034	50	Unbiased	1.9759	1.9559	-0.02
1035	50	Biased-84Hr-Anneal	2.0384	1.9664	-0.072
1036	50	Biased-84Hr-Anneal	2.1242	2.0402	-0.084
1037	50	Biased-84Hr-Anneal	2.0495	1.9664	-0.0831
1038	50	Biased-84Hr-Anneal	1.9335	1.9554	0.0219
1039	50	Biased-84Hr-Anneal	2.0504	1.8508	-0.1996
1040	100	Unbiased-168Hr-Anneal	2.0611	2.0406	-0.0205
1041	100	Unbiased-168Hr-Anneal	2.1458	2.126	-0.0198
1042	100	Unbiased-168Hr-Anneal	2.0399	2.1257	0.0858
1043	100	Unbiased-168Hr-Anneal	1.9036	1.893	-0.0106
1044	100	Unbiased-168Hr-Anneal	2.0314	1.999	-0.0324
1045	100	Biased-168Hr-Anneal	2.0945	1.9455	-0.149
1046	100	Biased-168Hr-Anneal	2.0736	1.9348	-0.1388
1047	100	Biased-168Hr-Anneal	1.9775	1.8823	-0.0952
1048	100	Biased-168Hr-Anneal	2.1163	1.9882	-0.1281
1049	100	Biased-168Hr-Anneal	2.0953	1.9771	-0.1182

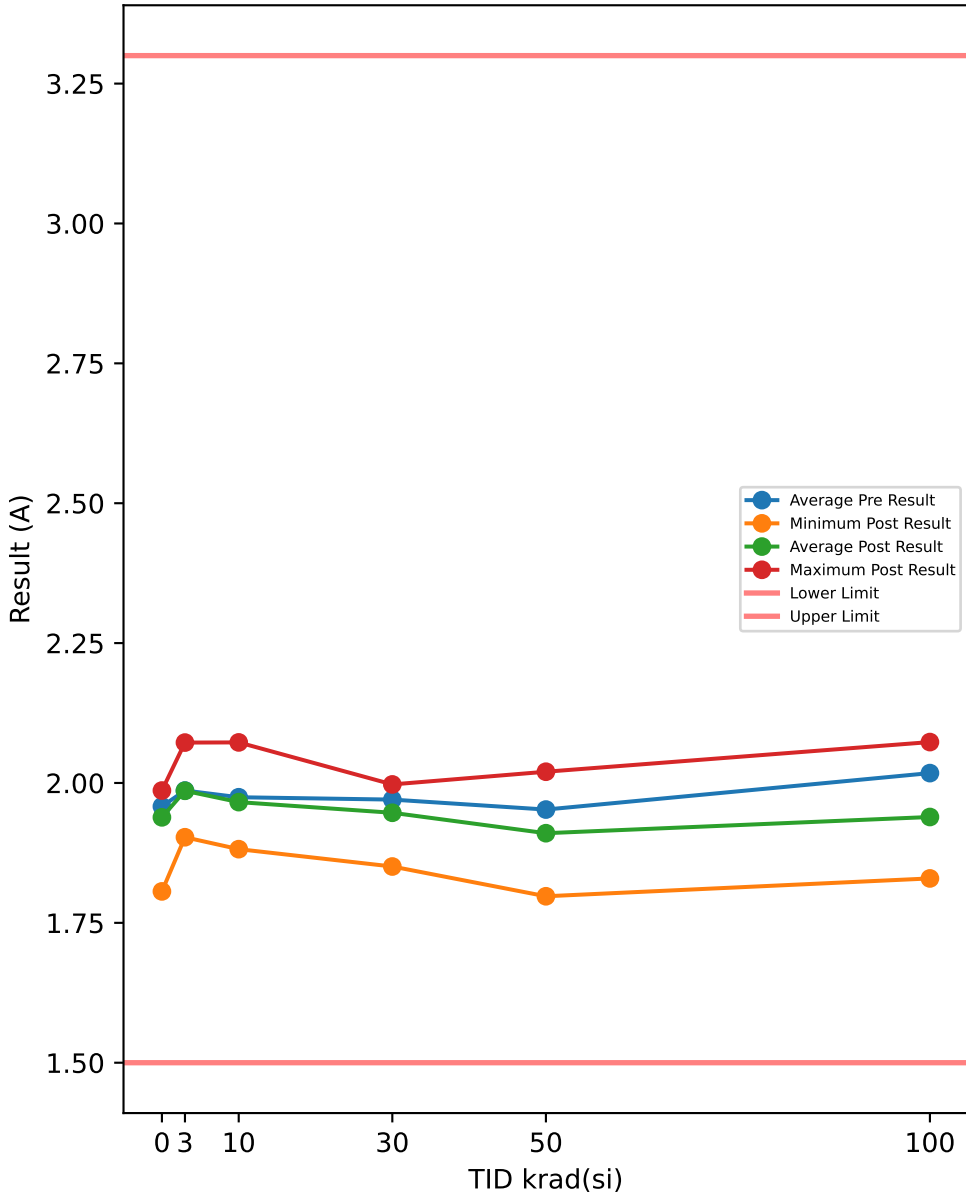
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9558	1.9964	2.0314	0.030511	1.8498	1.9731	2.0296	0.073144	-0.1278	-0.02322	0.0104	0.058638
3	1.9439	2.0375	2.1159	0.06508	1.9237	2.028	2.1149	0.068456	-0.0413	-0.00953	0.0017	0.013124
10	1.925	2.0268	2.1355	0.055737	1.9354	2.0129	2.1262	0.055442	-0.0439	-0.0139	0.0104	0.01899
30	1.9451	2.0181	2.0736	0.043107	1.9036	1.9992	2.124	0.063633	-0.0738	-0.01894	0.0949	0.051294
50	1.8806	2.0036	2.1242	0.081305	1.8508	1.957	2.0727	0.070439	-0.1996	-0.04667	0.0219	0.065359
100	1.9036	2.0539	2.1458	0.070923	1.8823	1.9912	2.126	0.085467	-0.149	-0.06268	0.0858	0.075247

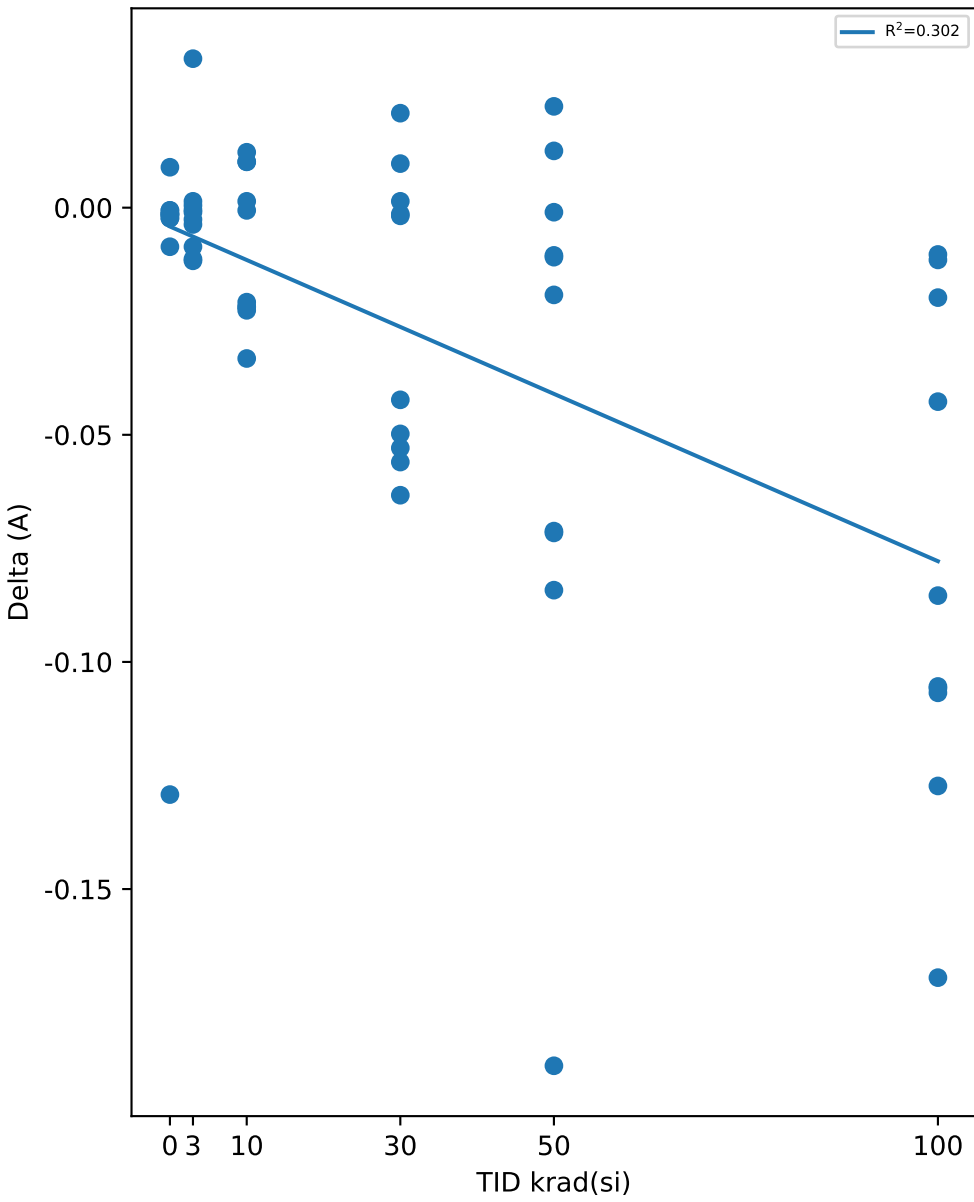
TID vs Result Stats



Test Results (Lower Limit = 1.5, Upper Limit = 3.3 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9354	1.8062	-0.1292
516	0	CORRELATION	1.9862	1.9776	-0.0086
721	0	CORRELATION	1.9776	1.9865	0.0089
723	0	CORRELATION	1.9562	1.9548	-0.0014
729	0	CORRELATION	1.9352	1.9346	-0.0006
1000	3	Unbiased	2.0732	2.0722	-0.001
1001	3	Unbiased	2.0201	2.0196	-0.0005
1002	3	Unbiased	2.0626	2.06	-0.0026
1003	3	Unbiased	1.9016	1.903	0.0014
1004	3	Unbiased	1.9337	1.9342	0.0005
1005	3	Biased	1.9775	1.9658	-0.0117
1006	3	Biased	1.9559	1.9446	-0.0113
1007	3	Biased	1.9992	1.9955	-0.0037
1008	3	Biased	2.0605	2.0519	-0.0086
1009	3	Biased	1.8806	1.9134	0.0328
1010	10	Unbiased	2.0711	2.0725	0.0014
1011	10	Unbiased	1.9328	1.9429	0.0101
1012	10	Unbiased	2.0077	2.0199	0.0122
1013	10	Unbiased	1.9776	1.977	-0.0006
1014	10	Unbiased	1.8716	1.8817	0.0101
1015	10	Biased	1.9668	1.9449	-0.0219
1016	10	Biased	1.9354	1.9136	-0.0218
1017	10	Biased	2.0201	1.9869	-0.0332
1018	10	Biased	1.9968	1.9742	-0.0226
1019	10	Biased	1.965	1.9442	-0.0208
1020	30	Unbiased	1.9867	1.9849	-0.0018
1021	30	Unbiased	1.9037	1.9134	0.0097
1022	30	Unbiased	1.9755	1.9769	0.0014
1023	30	Unbiased	1.9674	1.9882	0.0208
1024	30	Unbiased	1.9988	1.9974	-0.0014
1025	30	Biased	2.0182	1.9549	-0.0633
1026	30	Biased	2.0199	1.9639	-0.056
1027	30	Biased	1.893	1.8507	-0.0423
1028	30	Biased	1.9858	1.9329	-0.0529
1029	30	Biased	1.9539	1.9041	-0.0498
1030	50	Unbiased	1.9652	1.9543	-0.0109
1031	50	Unbiased	1.8276	1.8401	0.0125
1032	50	Unbiased	2.0306	2.0201	-0.0105
1033	50	Unbiased	1.8397	1.8387	-0.001
1034	50	Unbiased	1.9332	1.914	-0.0192
1035	50	Biased-84Hr-Anneal	1.9851	1.9139	-0.0712
1036	50	Biased-84Hr-Anneal	2.0705	1.9863	-0.0842
1037	50	Biased-84Hr-Anneal	1.9962	1.9246	-0.0716
1038	50	Biased-84Hr-Anneal	1.8904	1.9127	0.0223
1039	50	Biased-84Hr-Anneal	1.9864	1.7975	-0.1889
1040	100	Unbiased-168Hr-Anneal	2.0077	1.9974	-0.0103
1041	100	Unbiased-168Hr-Anneal	2.0929	2.0731	-0.0198
1042	100	Unbiased-168Hr-Anneal	2.0818	1.976	-0.1058
1043	100	Unbiased-168Hr-Anneal	1.8618	1.8503	-0.0115
1044	100	Unbiased-168Hr-Anneal	1.9883	1.9456	-0.0427
1045	100	Biased-168Hr-Anneal	2.0625	1.893	-0.1695
1046	100	Biased-168Hr-Anneal	2.0313	1.904	-0.1273
1047	100	Biased-168Hr-Anneal	1.9348	1.8294	-0.1054
1048	100	Biased-168Hr-Anneal	2.0736	1.9882	-0.0854
1049	100	Biased-168Hr-Anneal	2.0416	1.9348	-0.1068

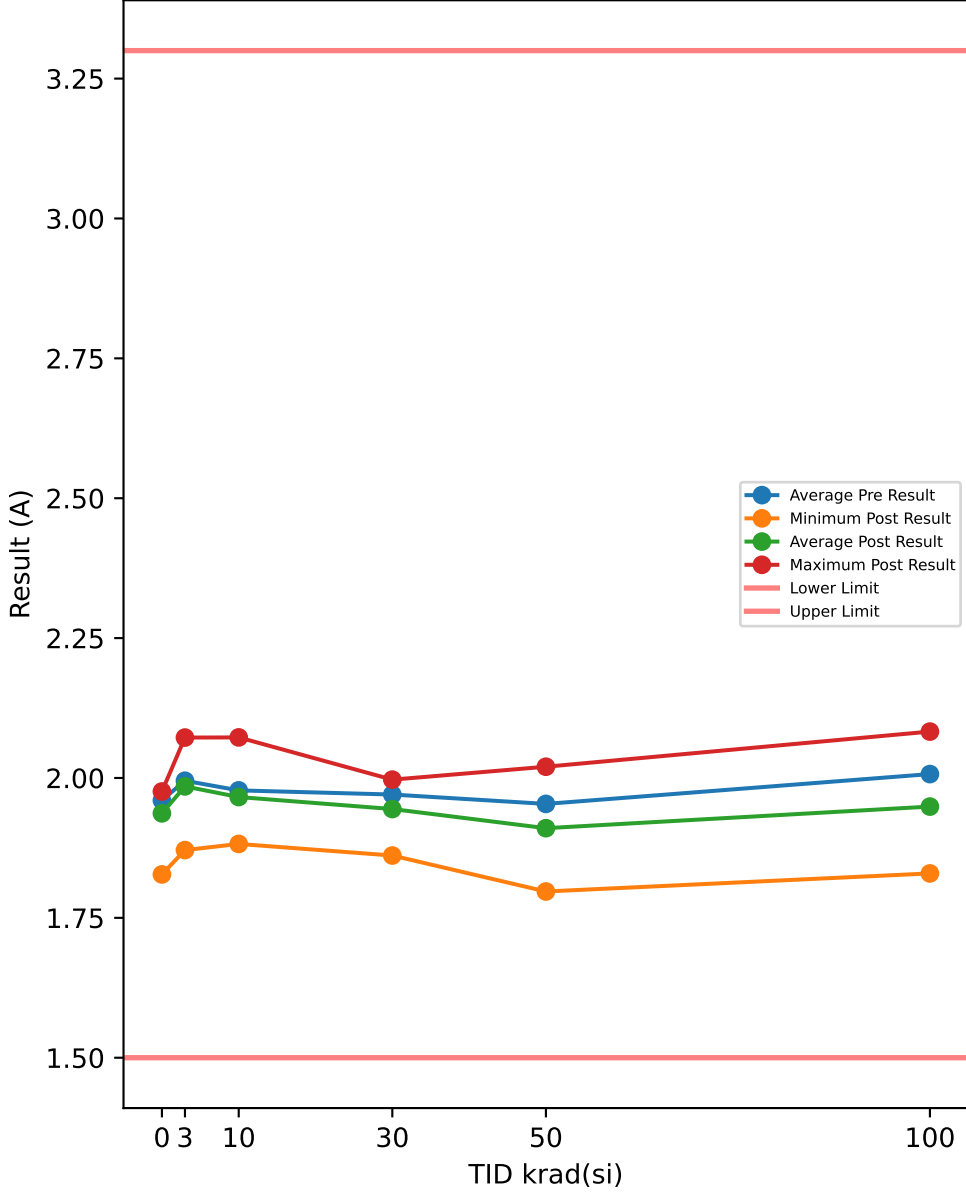
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9352	1.9581	1.9862	0.023522	1.8062	1.9319	1.9865	0.073147	-0.1292	-0.02618	0.0089	0.057925
3	1.8806	1.9865	2.0732	0.068558	1.903	1.986	2.0722	0.062746	-0.0117	-0.00047	0.0328	0.012632
10	1.8716	1.9745	2.0711	0.054798	1.8817	1.9658	2.0725	0.053932	-0.0332	-0.00871	0.0122	0.016987
30	1.893	1.9703	2.0199	0.043194	1.8507	1.9467	1.9974	0.046377	-0.0633	-0.02356	0.0208	0.031961
50	1.8276	1.9525	2.0705	0.079484	1.7975	1.9102	2.0201	0.068947	-0.1889	-0.04227	0.0223	0.063555
100	1.8618	2.0176	2.0929	0.072872	1.8294	1.9392	2.0731	0.073382	-0.1695	-0.07845	-0.0103	0.054617

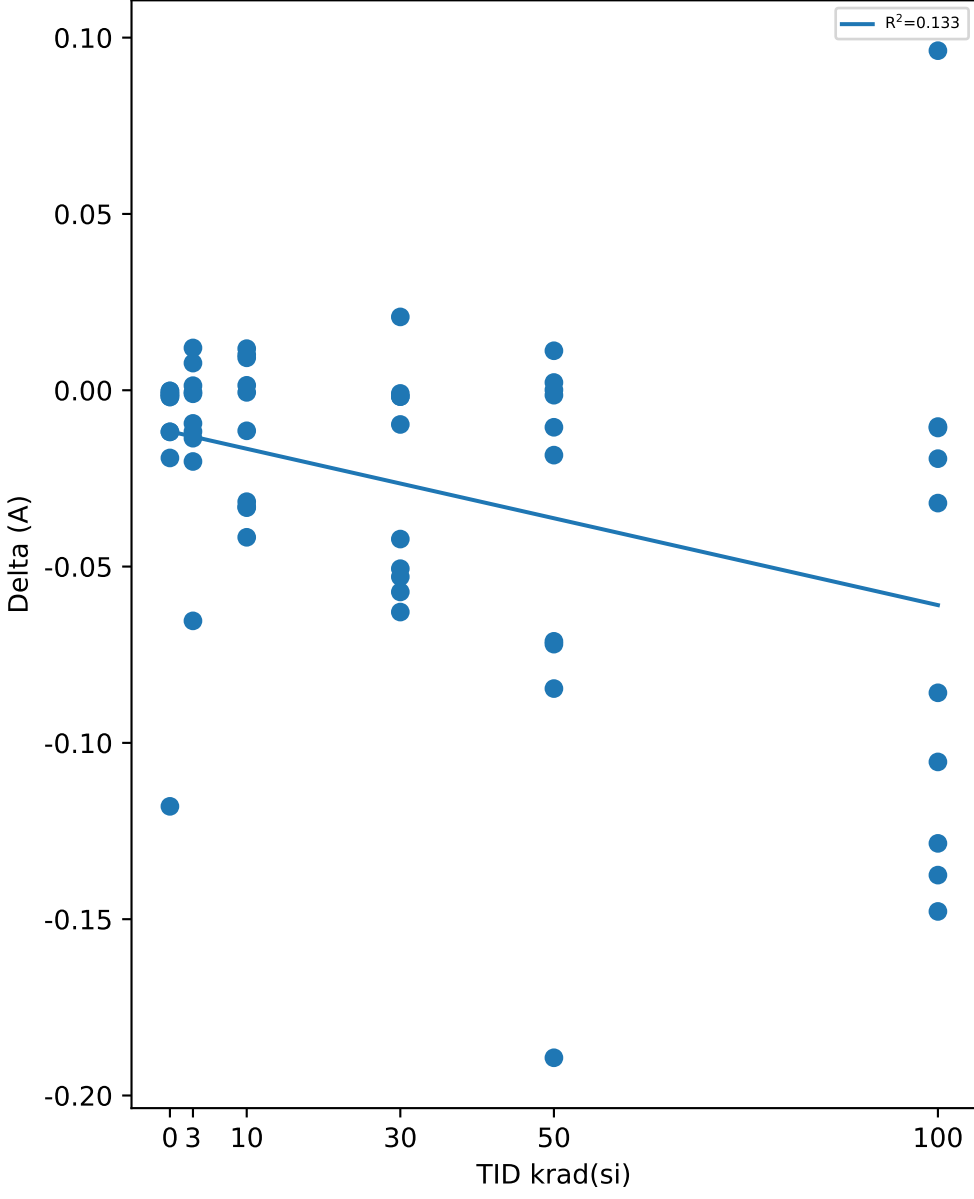
TID vs Result Stats



Test Results (Lower Limit = 1.5, Upper Limit = 3.3 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9456	1.8276	-0.118
516	0	CORRELATION	1.9862	1.967	-0.0192
721	0	CORRELATION	1.9772	1.9758	-0.0014
723	0	CORRELATION	1.9562	1.9552	-0.001
729	0	CORRELATION	1.9348	1.9346	-0.0002
1000	3	Unbiased	2.0732	2.0722	-0.001
1001	3	Unbiased	2.0201	2.0196	-0.0005
1002	3	Unbiased	2.0626	2.0703	0.0077
1003	3	Unbiased	1.9016	1.9136	0.012
1004	3	Unbiased	1.9333	1.9346	0.0013
1005	3	Biased	1.9775	1.9658	-0.0117
1006	3	Biased	2.0203	1.9549	-0.0654
1007	3	Biased	2.0095	1.9959	-0.0136
1008	3	Biased	2.0609	2.0515	-0.0094
1009	3	Biased	1.8913	1.8711	-0.0202
1010	10	Unbiased	2.0711	2.0725	0.0014
1011	10	Unbiased	1.9328	1.9429	0.0101
1012	10	Unbiased	2.0081	2.0199	0.0118
1013	10	Unbiased	1.967	1.9762	0.0092
1014	10	Unbiased	1.8827	1.8821	-0.0006
1015	10	Biased	1.9779	1.9449	-0.033
1016	10	Biased	1.935	1.9034	-0.0316
1017	10	Biased	2.0095	1.998	-0.0115
1018	10	Biased	2.0075	1.9742	-0.0333
1019	10	Biased	1.9867	1.945	-0.0417
1020	30	Unbiased	1.9867	1.9849	-0.0018
1021	30	Unbiased	1.9037	1.9028	-0.0009
1022	30	Unbiased	1.9755	1.9658	-0.0097
1023	30	Unbiased	1.9563	1.9771	0.0208
1024	30	Unbiased	1.9988	1.997	-0.0018
1025	30	Biased	2.0182	1.9553	-0.0629
1026	30	Biased	2.0207	1.9635	-0.0572
1027	30	Biased	1.9036	1.8614	-0.0422
1028	30	Biased	1.9862	1.9333	-0.0529
1029	30	Biased	1.9543	1.9037	-0.0506
1030	50	Unbiased	1.9546	1.9547	0.0001
1031	50	Unbiased	1.8383	1.8405	0.0022
1032	50	Unbiased	2.0306	2.0201	-0.0105
1033	50	Unbiased	1.8397	1.8383	-0.0014
1034	50	Unbiased	1.9332	1.9148	-0.0184
1035	50	Biased-84Hr-Anneal	1.9962	1.9242	-0.072
1036	50	Biased-84Hr-Anneal	2.0709	1.9863	-0.0846
1037	50	Biased-84Hr-Anneal	1.9958	1.9246	-0.0712
1038	50	Biased-84Hr-Anneal	1.8908	1.902	0.0112
1039	50	Biased-84Hr-Anneal	1.9864	1.7971	-0.1893
1040	100	Unbiased-168Hr-Anneal	2.0081	1.9974	-0.0107
1041	100	Unbiased-168Hr-Anneal	2.0818	2.0624	-0.0194
1042	100	Unbiased-168Hr-Anneal	1.9866	2.0829	0.0963
1043	100	Unbiased-168Hr-Anneal	1.861	1.8507	-0.0103
1044	100	Unbiased-168Hr-Anneal	1.9883	1.9563	-0.032
1045	100	Biased-168Hr-Anneal	2.0514	1.9036	-0.1478
1046	100	Biased-168Hr-Anneal	2.0309	1.8934	-0.1375
1047	100	Biased-168Hr-Anneal	1.9348	1.8294	-0.1054
1048	100	Biased-168Hr-Anneal	2.074	1.9882	-0.0858
1049	100	Biased-168Hr-Anneal	2.0527	1.9242	-0.1285

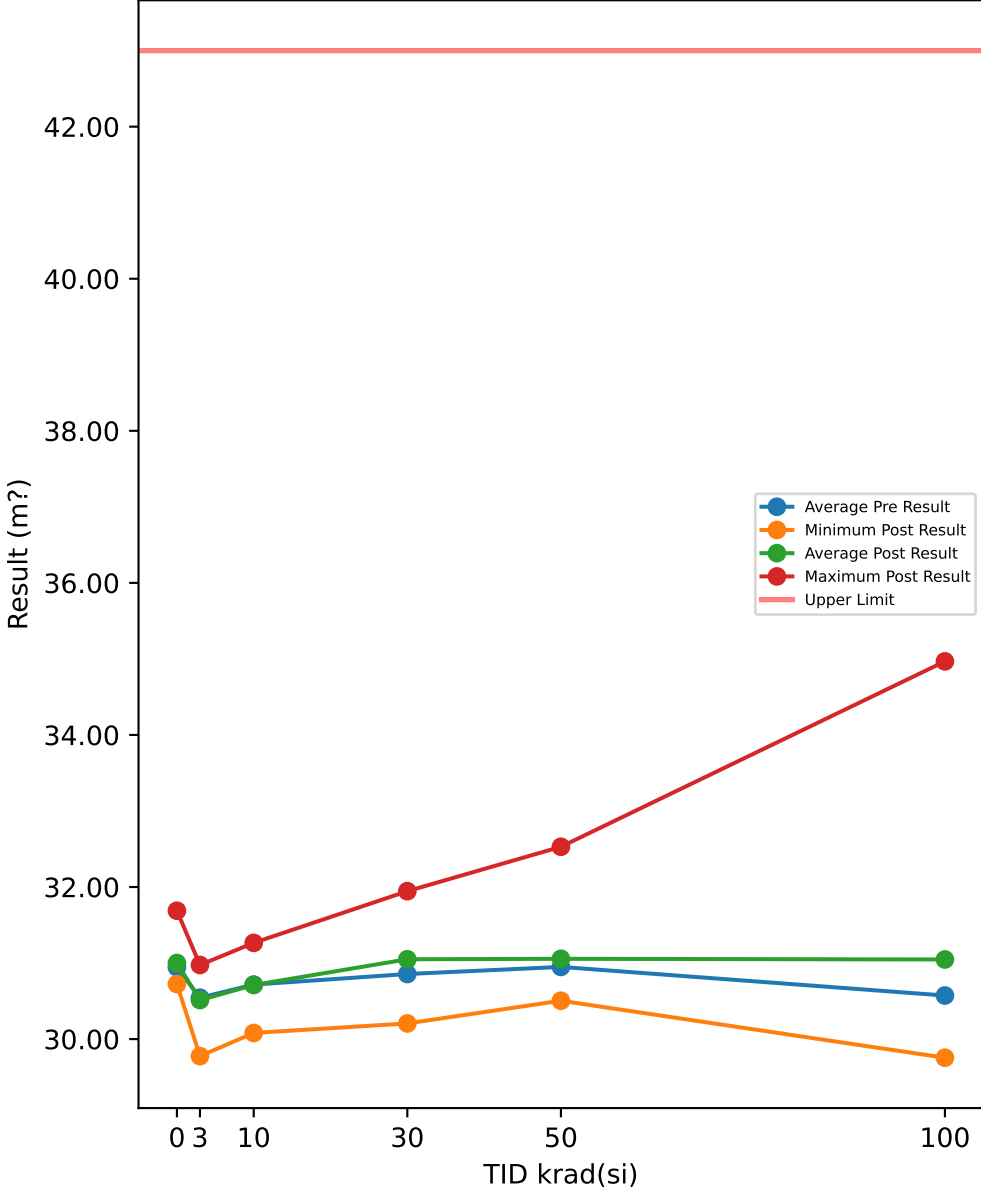
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.9348	1.96	1.9862	0.021442	1.8276	1.932	1.9758	0.06039	-0.118	-0.02796	-0.0002	0.050958
3	1.8913	1.995	2.0732	0.066749	1.8711	1.9849	2.0722	0.068722	-0.0654	-0.01008	0.012	0.021821
10	1.8827	1.9778	2.0711	0.052288	1.8821	1.9659	2.0725	0.055598	-0.0417	-0.01192	0.0118	0.021016
30	1.9036	1.9704	2.0207	0.041542	1.8614	1.9445	1.997	0.043227	-0.0629	-0.02592	0.0208	0.030154
50	1.8383	1.9537	2.0709	0.078165	1.7971	1.9103	2.0201	0.06925	-0.1893	-0.04339	0.0112	0.06236
100	1.861	2.007	2.0818	0.068322	1.8294	1.9488	2.0829	0.084627	-0.1478	-0.05811	0.0963	0.076638

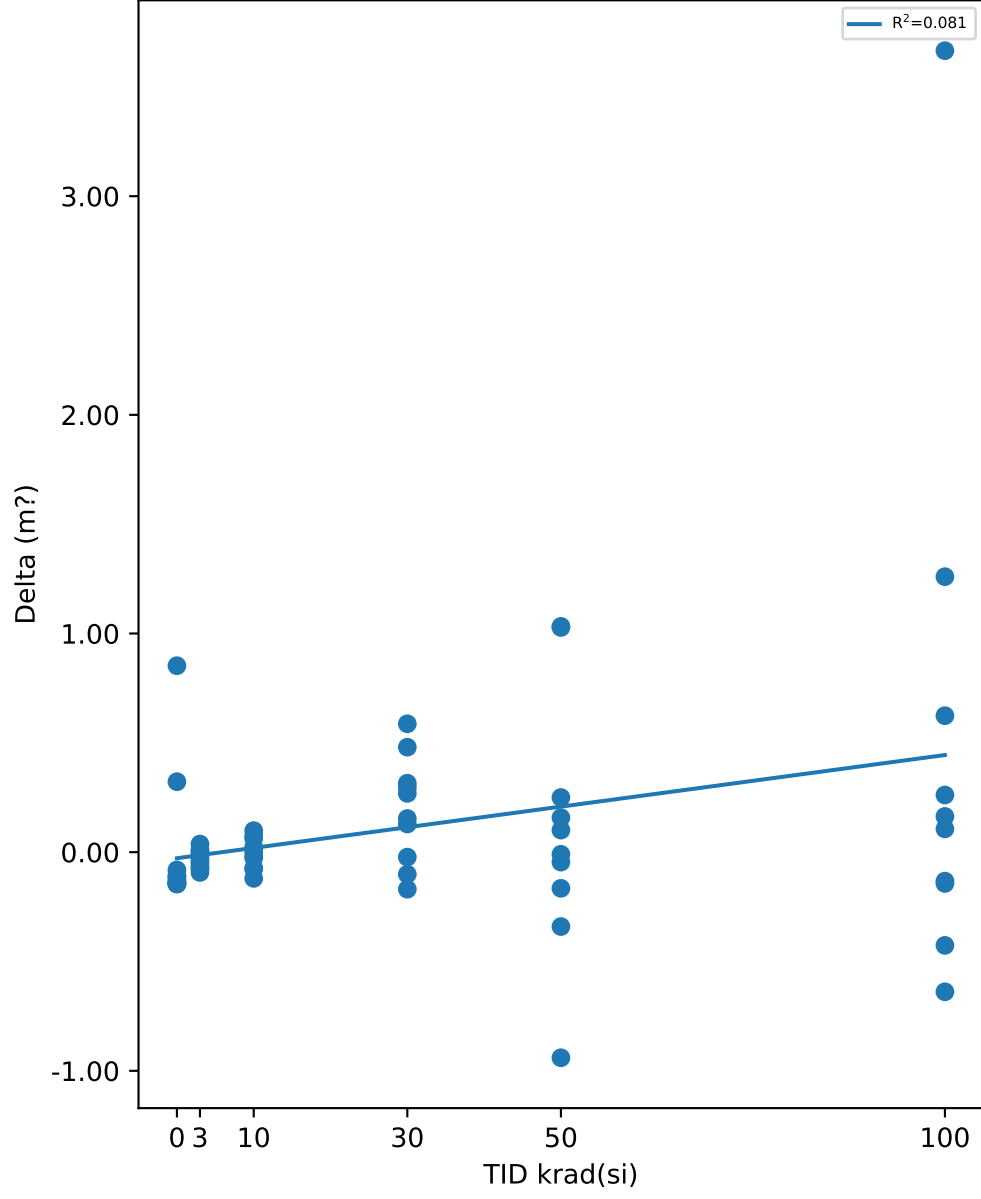
TID vs Result Stats



Test Results (Upper Limit = 43.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	30.835	31.688	0.8528
516	0	CORRELATION	30.832	31.154	0.3223
721	0	CORRELATION	30.977	30.896	-0.0813
723	0	CORRELATION	30.869	30.759	-0.11
729	0	CORRELATION	31.212	31.082	-0.1298
1000	3	Unbiased	30.632	30.622	-0.01
1001	3	Unbiased	30.365	30.402	0.0371
1002	3	Unbiased	29.925	29.833	-0.0928
1003	3	Unbiased	30.648	30.627	-0.0216
1004	3	Unbiased	30.714	30.674	-0.0401
1005	3	Biased	29.843	29.776	-0.0675
1006	3	Biased	30.809	30.819	0.0101
1007	3	Biased	30.592	30.518	-0.0737
1008	3	Biased	30.939	30.889	-0.0506
1009	3	Biased	30.973	30.975	0.0014
1010	10	Unbiased	30.007	30.081	0.0738
1011	10	Unbiased	30.851	30.914	0.0633
1012	10	Unbiased	31.293	31.266	-0.0269
1013	10	Unbiased	30.907	30.89	-0.0174
1014	10	Unbiased	30.56	30.44	-0.1199
1015	10	Biased	30.796	30.8	0.0036
1016	10	Biased	30.555	30.481	-0.0736
1017	10	Biased	30.704	30.803	0.0986
1018	10	Biased	30.546	30.469	-0.0769
1019	10	Biased	30.949	30.972	0.0224
1020	30	Unbiased	30.307	30.206	-0.1009
1021	30	Unbiased	30.835	31.315	0.48
1022	30	Unbiased	30.791	30.945	0.154
1023	30	Unbiased	30.874	31.003	0.1287
1024	30	Unbiased	30.683	30.513	-0.1693
1025	30	Biased	30.647	30.942	0.2951
1026	30	Biased	31.358	31.945	0.5872
1027	30	Biased	31.096	31.411	0.3154
1028	30	Biased	30.88	30.857	-0.0225
1029	30	Biased	31.091	31.36	0.2688
1030	50	Unbiased	30.981	31.139	0.1579
1031	50	Unbiased	30.643	30.633	-0.0098
1032	50	Unbiased	30.646	30.6	-0.0455
1033	50	Unbiased	30.767	30.602	-0.1654
1034	50	Unbiased	30.845	30.505	-0.3402
1035	50	Biased-84Hr-Anneal	30.825	31.075	0.25
1036	50	Biased-84Hr-Anneal	30.935	31.036	0.1009
1037	50	Biased-84Hr-Anneal	31.502	32.529	1.0278
1038	50	Biased-84Hr-Anneal	31.529	30.589	-0.9403
1039	50	Biased-84Hr-Anneal	30.82	31.853	1.0326
1040	100	Unbiased-168Hr-Anneal	30.347	30.51	0.1634
1041	100	Unbiased-168Hr-Anneal	29.898	29.755	-0.143
1042	100	Unbiased-168Hr-Anneal	30.436	29.797	-0.6386
1043	100	Unbiased-168Hr-Anneal	30.507	30.768	0.2615
1044	100	Unbiased-168Hr-Anneal	30.362	30.23	-0.1324
1045	100	Biased-168Hr-Anneal	30.761	32.021	1.2599
1046	100	Biased-168Hr-Anneal	30.831	30.404	-0.4263
1047	100	Biased-168Hr-Anneal	31.302	34.968	3.6655
1048	100	Biased-168Hr-Anneal	30.574	30.681	0.1065
1049	100	Biased-168Hr-Anneal	30.713	31.337	0.6242

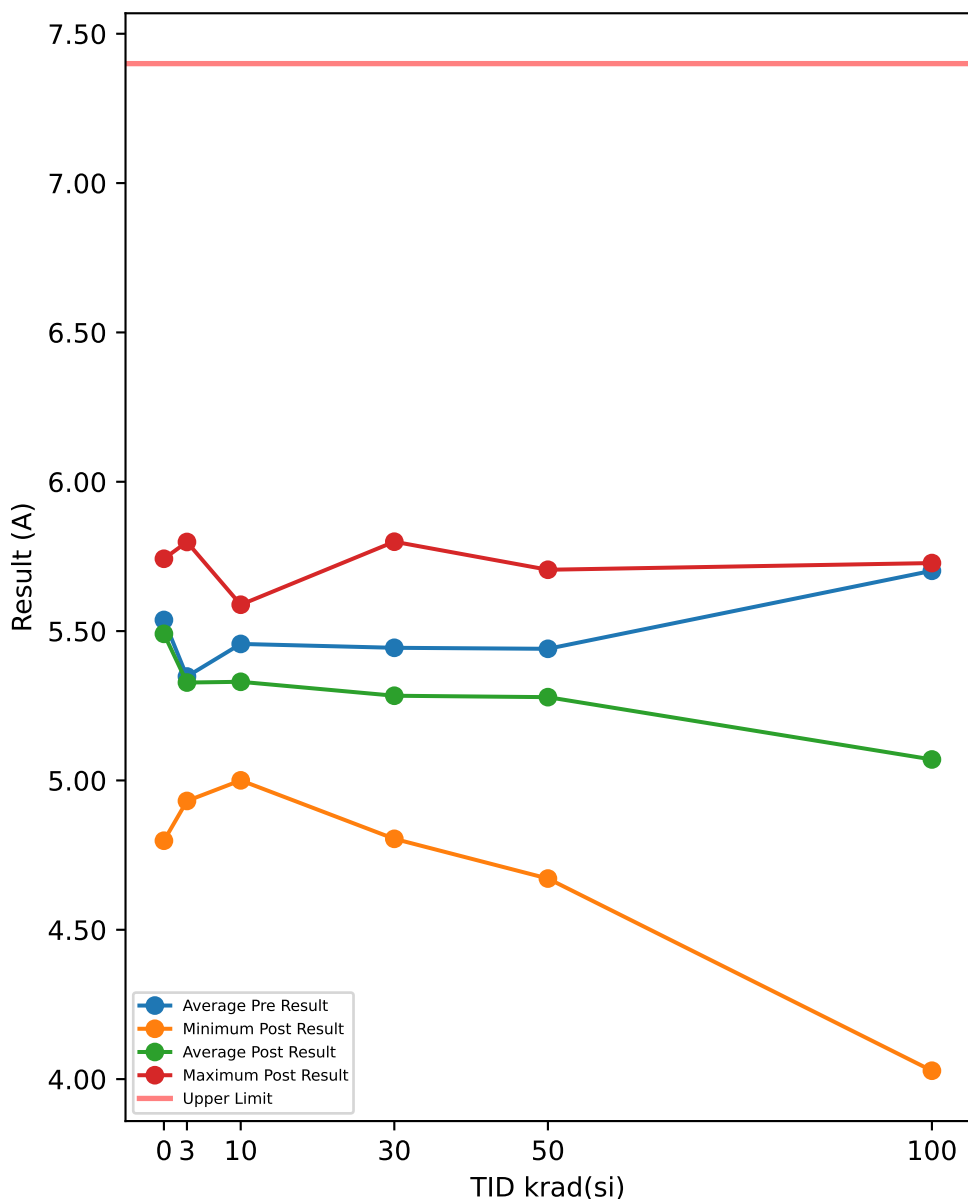
TID vs Post - Pre Exposure Delta



Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	30.832	30.945	31.212	0.16029	30.759	31.116	31.688	0.35559	-0.1298	0.1708	0.8528	0.42451
3	29.843	30.544	30.973	0.3895	29.776	30.513	30.975	0.41049	-0.0928	-0.03077	0.0371	0.041295
10	30.007	30.717	31.293	0.33835	30.081	30.711	31.266	0.34112	-0.1199	-0.0053	0.0986	0.071602
30	30.307	30.856	31.358	0.28793	30.206	31.05	31.945	0.49003	-0.1693	0.19365	0.5872	0.24464
50	30.643	30.949	31.529	0.31708	30.505	31.056	32.529	0.66069	-0.9403	0.1068	1.0326	0.59026
100	29.898	30.573	31.302	0.36933	29.755	31.047	34.968	1.5354	-0.6386	0.47407	3.6655	1.2427

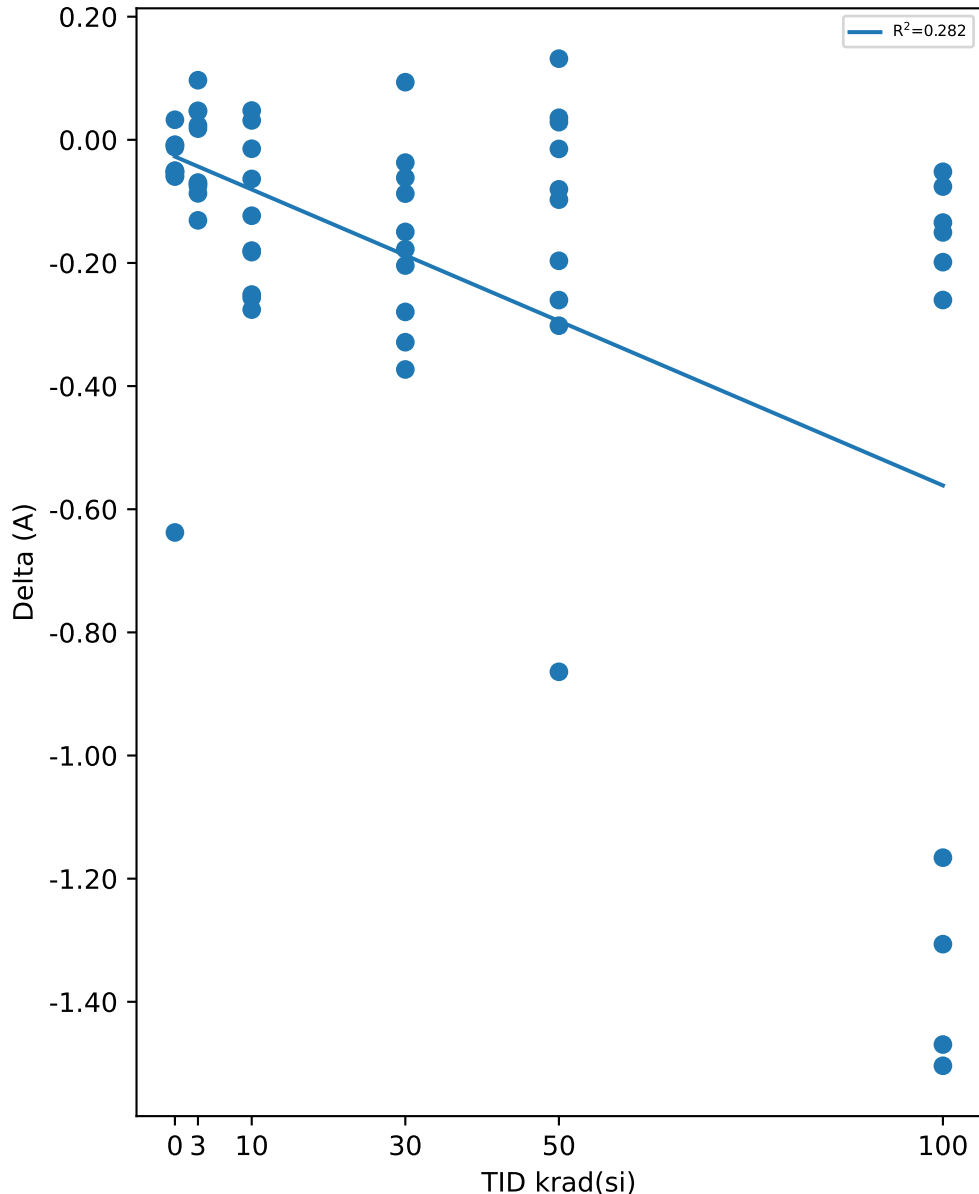
TID vs Result Stats



Test Results (Upper Limit = 7.4 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.4359	4.7982	-0.6377
516	0	CORRELATION	5.6237	5.6118	-0.0119
721	0	CORRELATION	5.4031	5.4357	0.0326
723	0	CORRELATION	5.7925	5.7422	-0.0503
729	0	CORRELATION	5.4314	5.4232	-0.0082
1000	3	Unbiased	4.9515	4.9697	0.0182
1001	3	Unbiased	5.8286	5.7572	-0.0714
1002	3	Unbiased	5.4058	5.4524	0.0466
1003	3	Unbiased	5.042	5.089	0.047
1004	3	Unbiased	5.1203	5.2171	0.0968
1005	3	Biased	5.5259	5.4506	-0.0753
1006	3	Biased	5.6168	5.5474	-0.0694
1007	3	Biased	5.7749	5.7984	0.0235
1008	3	Biased	5.0621	4.9313	-0.1308
1009	3	Biased	5.1518	5.0648	-0.087
1010	10	Unbiased	5.2019	5.1874	-0.0145
1011	10	Unbiased	5.7116	5.5883	-0.1233
1012	10	Unbiased	5.4147	5.4623	0.0476
1013	10	Unbiased	5.3357	5.2722	-0.0635
1014	10	Unbiased	5.3423	5.3738	0.0315
1015	10	Biased	5.7189	5.4676	-0.2513
1016	10	Biased	5.7802	5.5044	-0.2758
1017	10	Biased	5.5597	5.3798	-0.1799
1018	10	Biased	5.2567	5.0003	-0.2564
1019	10	Biased	5.2489	5.0665	-0.1824
1020	30	Unbiased	5.2204	5.1588	-0.0616
1021	30	Unbiased	5.1623	5.2559	0.0936
1022	30	Unbiased	5.2858	5.1082	-0.1776
1023	30	Unbiased	5.6926	5.6556	-0.037
1024	30	Unbiased	5.4116	5.262	-0.1496
1025	30	Biased	5.1332	4.8045	-0.3287
1026	30	Biased	5.1347	4.9305	-0.2042
1027	30	Biased	5.9236	5.6441	-0.2795
1028	30	Biased	6.1723	5.7993	-0.373
1029	30	Biased	5.3043	5.2169	-0.0874
1030	50	Unbiased	5.5927	5.6285	0.0358
1031	50	Unbiased	5.5074	5.4926	-0.0148
1032	50	Unbiased	5.5798	5.4994	-0.0804
1033	50	Unbiased	5.4771	5.5058	0.0287
1034	50	Unbiased	5.5369	5.4397	-0.0972
1035	50	Biased-84Hr-Anneal	5.1049	4.8446	-0.2603
1036	50	Biased-84Hr-Anneal	5.2485	4.9466	-0.3019
1037	50	Biased-84Hr-Anneal	5.9019	5.7054	-0.1965
1038	50	Biased-84Hr-Anneal	4.9226	5.0544	0.1318
1039	50	Biased-84Hr-Anneal	5.5355	4.6715	-0.864
1040	100	Unbiased-168Hr-Anneal	5.5745	5.5226	-0.0519
1041	100	Unbiased-168Hr-Anneal	5.7866	5.6522	-0.1344
1042	100	Unbiased-168Hr-Anneal	5.9265	5.7278	-0.1987
1043	100	Unbiased-168Hr-Anneal	5.3615	5.2856	-0.0759
1044	100	Unbiased-168Hr-Anneal	5.5638	5.4134	-0.1504
1045	100	Biased-168Hr-Anneal	5.7298	4.5639	-1.1659
1046	100	Biased-168Hr-Anneal	5.7001	4.1962	-1.5039
1047	100	Biased-168Hr-Anneal	5.9479	5.6877	-0.2602
1048	100	Biased-168Hr-Anneal	5.4975	4.0281	-1.4694
1049	100	Biased-168Hr-Anneal	5.9309	4.6245	-1.3064

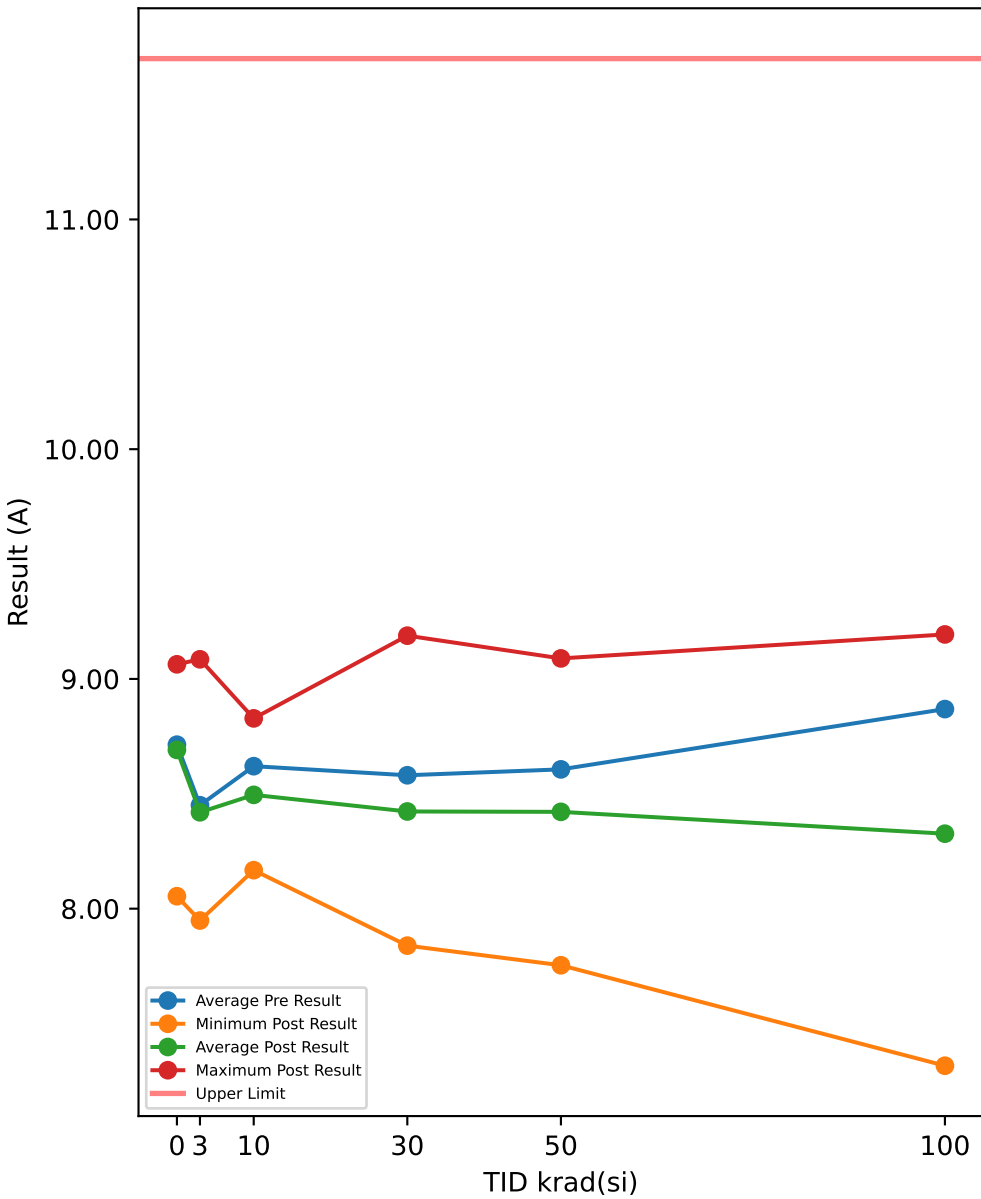
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4031	5.5373	5.7925	0.16741	4.7982	5.4022	5.7422	0.3626	-0.6377	-0.1351	0.0326	0.28249
3	4.9515	5.348	5.8286	0.32376	4.9313	5.3278	5.7984	0.31773	-0.1308	-0.02018	0.0968	0.075147
10	5.2019	5.4571	5.7802	0.21771	5.0003	5.3303	5.5883	0.1943	-0.2758	-0.1268	0.0476	0.12134
30	5.1332	5.4441	6.1723	0.36354	4.8045	5.2836	5.7993	0.32327	-0.373	-0.1605	0.0936	0.14332
50	4.9226	5.4407	5.9019	0.27835	4.6715	5.2789	5.7054	0.36425	-0.864	-0.16188	0.1318	0.28236
100	5.3615	5.7019	5.9479	0.20119	4.0281	5.0702	5.7278	0.65202	-1.5039	-0.63171	-0.0519	0.63706

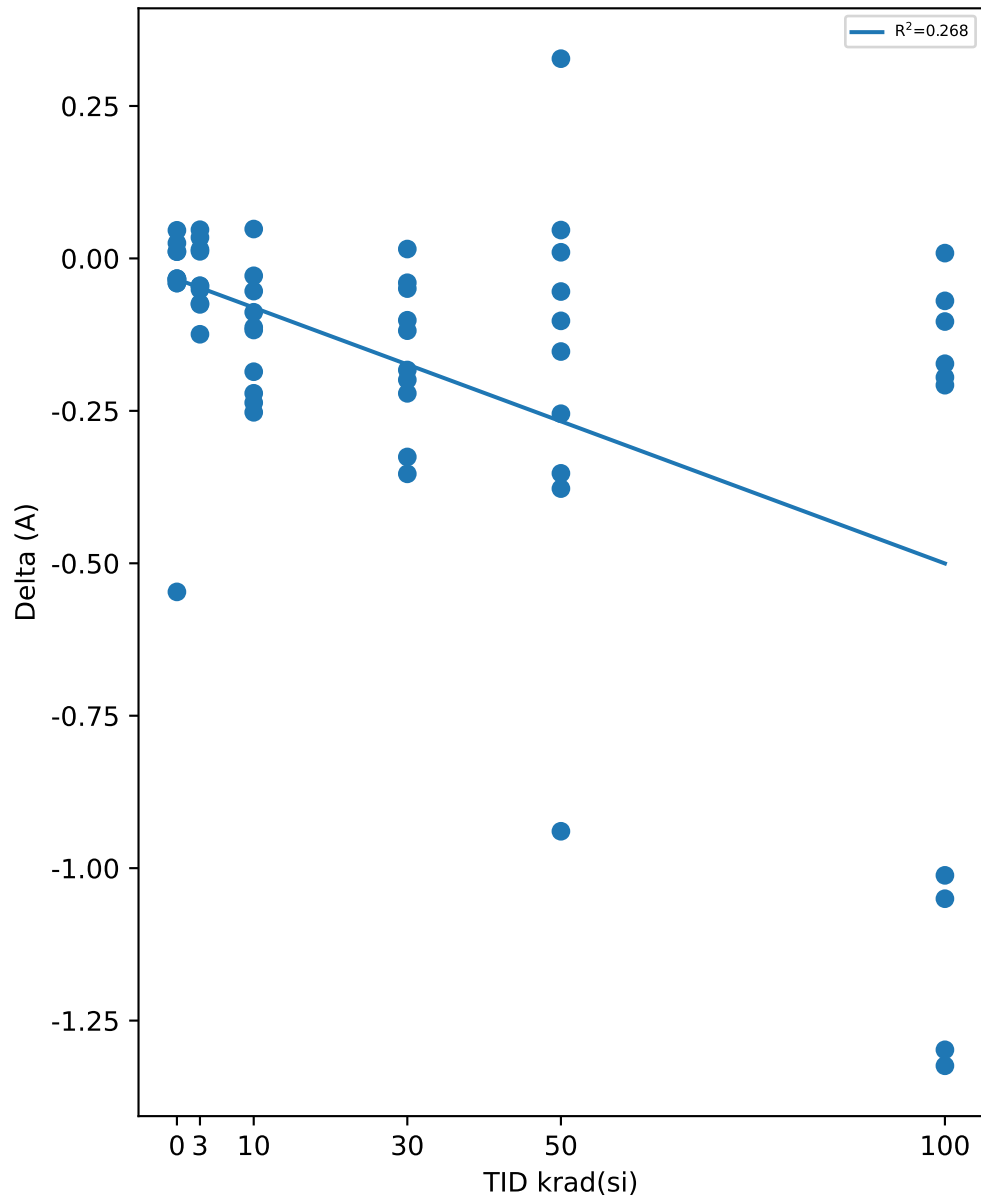
TID vs Result Stats



Test Results (Upper Limit = 11.7 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	8.6011	8.0542	-0.5469
516	0	CORRELATION	8.7759	8.8011	0.0252
721	0	CORRELATION	8.6247	8.6708	0.0461
723	0	CORRELATION	9.0982	9.0578	-0.0404
729	0	CORRELATION	8.469	8.4802	0.0112
1000	3	Unbiased	7.9141	7.9484	0.0343
1001	3	Unbiased	9.0306	8.9566	-0.074
1002	3	Unbiased	8.537	8.4916	-0.0454
1003	3	Unbiased	8.187	8.1361	-0.0509
1004	3	Unbiased	8.2385	8.2532	0.0147
1005	3	Biased	8.5586	8.5139	-0.0447
1006	3	Biased	8.6902	8.7018	0.0116
1007	3	Biased	9.0383	9.0854	0.0471
1008	3	Biased	8.0792	7.9548	-0.1244
1009	3	Biased	8.2289	8.1535	-0.0754
1010	10	Unbiased	8.3306	8.2132	-0.1174
1011	10	Unbiased	8.9413	8.8283	-0.113
1012	10	Unbiased	8.5158	8.564	0.0482
1013	10	Unbiased	8.4948	8.4412	-0.0536
1014	10	Unbiased	8.3775	8.349	-0.0285
1015	10	Biased	9.0412	8.8046	-0.2366
1016	10	Biased	9.0431	8.7907	-0.2524
1017	10	Biased	8.6585	8.4727	-0.1858
1018	10	Biased	8.3888	8.1676	-0.2212
1019	10	Biased	8.4102	8.3219	-0.0883
1020	30	Unbiased	8.2148	8.1749	-0.0399
1021	30	Unbiased	8.27	8.2854	0.0154
1022	30	Unbiased	8.2989	8.1159	-0.183
1023	30	Unbiased	8.9206	8.8711	-0.0495
1024	30	Unbiased	8.5182	8.3997	-0.1185
1025	30	Biased	8.1924	7.8391	-0.3533
1026	30	Biased	8.1662	8.0648	-0.1014
1027	30	Biased	9.2691	9.0478	-0.2213
1028	30	Biased	9.5139	9.1883	-0.3256
1029	30	Biased	8.4425	8.2434	-0.1991
1030	50	Unbiased	8.8137	8.8238	0.0101
1031	50	Unbiased	8.6169	8.5145	-0.1024
1032	50	Unbiased	8.9247	8.772	-0.1527
1033	50	Unbiased	8.5701	8.6166	0.0465
1034	50	Unbiased	8.5331	8.4788	-0.0543
1035	50	Biased-84Hr-Anneal	8.2889	7.9364	-0.3525
1036	50	Biased-84Hr-Anneal	8.3256	7.9481	-0.3775
1037	50	Biased-84Hr-Anneal	9.344	9.0893	-0.2547
1038	50	Biased-84Hr-Anneal	7.9531	8.2807	0.3276
1039	50	Biased-84Hr-Anneal	8.6932	7.7537	-0.9395
1040	100	Unbiased-168Hr-Anneal	8.7177	8.7264	0.0087
1041	100	Unbiased-168Hr-Anneal	8.9747	8.7797	-0.195
1042	100	Unbiased-168Hr-Anneal	9.1126	8.9399	-0.1727
1043	100	Unbiased-168Hr-Anneal	8.3188	8.2153	-0.1035
1044	100	Unbiased-168Hr-Anneal	8.6182	8.4103	-0.2079
1045	100	Biased-168Hr-Anneal	8.969	7.9572	-1.0118
1046	100	Biased-168Hr-Anneal	8.9369	7.6128	-1.3241
1047	100	Biased-168Hr-Anneal	9.2632	9.1936	-0.0696
1048	100	Biased-168Hr-Anneal	8.6143	7.3164	-1.2979
1049	100	Biased-168Hr-Anneal	9.162	8.1119	-1.0501

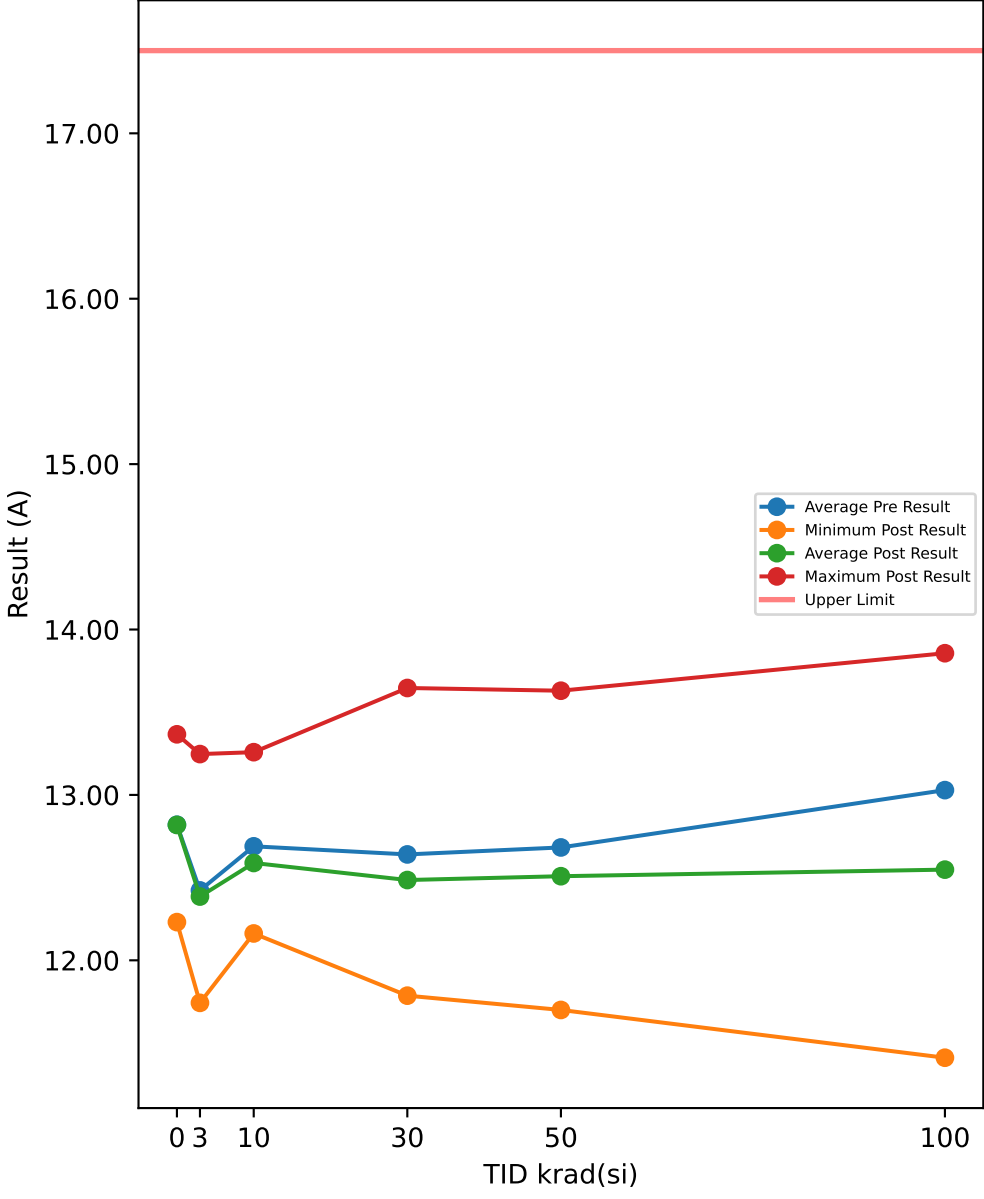
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.469	8.7138	9.0982	0.24093	8.0542	8.6128	9.0578	0.37632	-0.5469	-0.10096	0.0461	0.25132
3	7.9141	8.4502	9.0383	0.38697	7.9484	8.4195	9.0854	0.40032	-0.1244	-0.03071	0.0471	0.055379
10	8.3306	8.6202	9.0431	0.28435	8.1676	8.4953	8.8283	0.24504	-0.2524	-0.12486	0.0482	0.098654
30	8.1662	8.5807	9.5139	0.48485	7.8391	8.423	9.1883	0.45384	-0.3533	-0.15762	0.0154	0.12161
50	7.9531	8.6063	9.344	0.38139	7.7537	8.4214	9.0893	0.43536	-0.9395	-0.18494	0.3276	0.33642
100	8.3188	8.8687	9.2632	0.29434	7.3164	8.3263	9.1936	0.5986	-1.3241	-0.54239	0.0087	0.55268

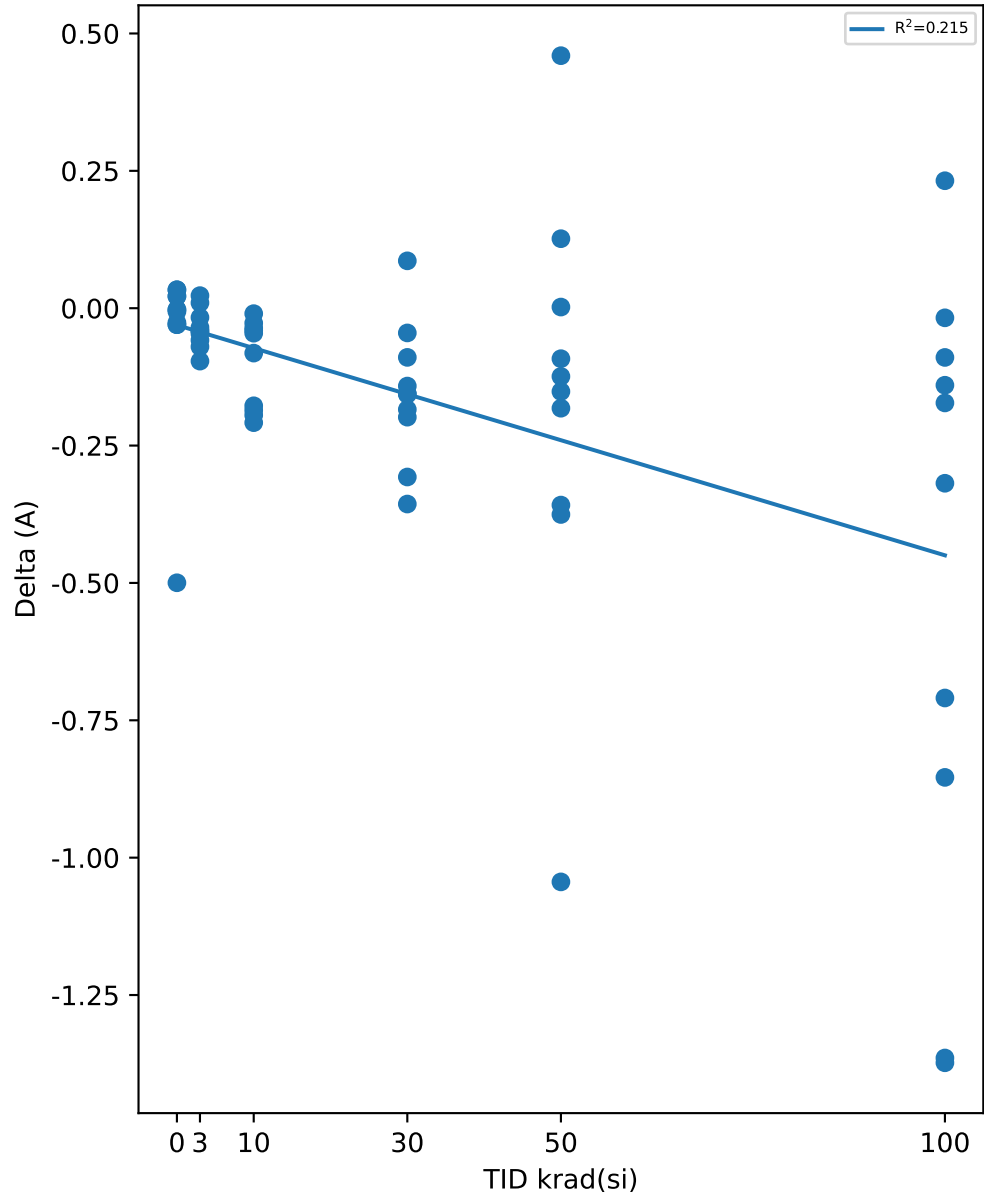
TID vs Result Stats



Test Results (Upper Limit = 17.5 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	12.731	12.231	-0.4997
516	0	CORRELATION	12.831	12.825	-0.0062
721	0	CORRELATION	12.739	12.713	-0.0261
723	0	CORRELATION	13.333	13.366	0.0335
729	0	CORRELATION	12.464	12.486	0.0218
1000	3	Unbiased	11.823	11.777	-0.0463
1001	3	Unbiased	13.243	13.201	-0.0419
1002	3	Unbiased	12.508	12.491	-0.0169
1003	3	Unbiased	12.058	12.024	-0.0349
1004	3	Unbiased	12.105	12.128	0.0229
1005	3	Biased	12.467	12.427	-0.0406
1006	3	Biased	12.746	12.756	0.0098
1007	3	Biased	13.305	13.247	-0.0582
1008	3	Biased	11.839	11.743	-0.0963
1009	3	Biased	12.133	12.063	-0.0701
1010	10	Unbiased	12.222	12.186	-0.0361
1011	10	Unbiased	13.075	13.035	-0.0406
1012	10	Unbiased	12.58	12.553	-0.0271
1013	10	Unbiased	12.541	12.495	-0.0455
1014	10	Unbiased	12.18	12.17	-0.0099
1015	10	Biased	13.453	13.258	-0.1946
1016	10	Biased	13.09	12.882	-0.2083
1017	10	Biased	12.801	12.615	-0.1858
1018	10	Biased	12.34	12.162	-0.1776
1019	10	Biased	12.609	12.528	-0.0817
1020	30	Unbiased	12.072	11.982	-0.0895
1021	30	Unbiased	12.115	12.201	0.0862
1022	30	Unbiased	12.146	12.101	-0.045
1023	30	Unbiased	13.22	13.079	-0.1417
1024	30	Unbiased	12.521	12.364	-0.1569
1025	30	Biased	12.143	11.786	-0.3564
1026	30	Biased	12.241	12.043	-0.1983
1027	30	Biased	13.527	13.342	-0.1843
1028	30	Biased	13.954	13.646	-0.3072
1029	30	Biased	12.465	12.309	-0.1553
1030	50	Unbiased	12.872	12.998	0.1265
1031	50	Unbiased	12.624	12.533	-0.0919
1032	50	Unbiased	13.172	12.99	-0.182
1033	50	Unbiased	12.707	12.709	0.0021
1034	50	Unbiased	12.514	12.362	-0.1516
1035	50	Biased-84Hr-Anneal	12.362	11.986	-0.3754
1036	50	Biased-84Hr-Anneal	12.22	11.862	-0.3583
1037	50	Biased-84Hr-Anneal	13.754	13.63	-0.1242
1038	50	Biased-84Hr-Anneal	11.855	12.315	0.4596
1039	50	Biased-84Hr-Anneal	12.744	11.7	-1.0441
1040	100	Unbiased-168Hr-Anneal	12.846	12.828	-0.0175
1041	100	Unbiased-168Hr-Anneal	13.008	12.918	-0.0896
1042	100	Unbiased-168Hr-Anneal	13.305	12.987	-0.3186
1043	100	Unbiased-168Hr-Anneal	12.206	12.066	-0.1402
1044	100	Unbiased-168Hr-Anneal	12.596	12.424	-0.1724
1045	100	Biased-168Hr-Anneal	13.2	12.49	-0.7094
1046	100	Biased-168Hr-Anneal	13.245	11.881	-1.3646
1047	100	Biased-168Hr-Anneal	13.625	13.857	0.232
1048	100	Biased-168Hr-Anneal	12.784	11.411	-1.3733
1049	100	Biased-168Hr-Anneal	13.475	12.621	-0.8539

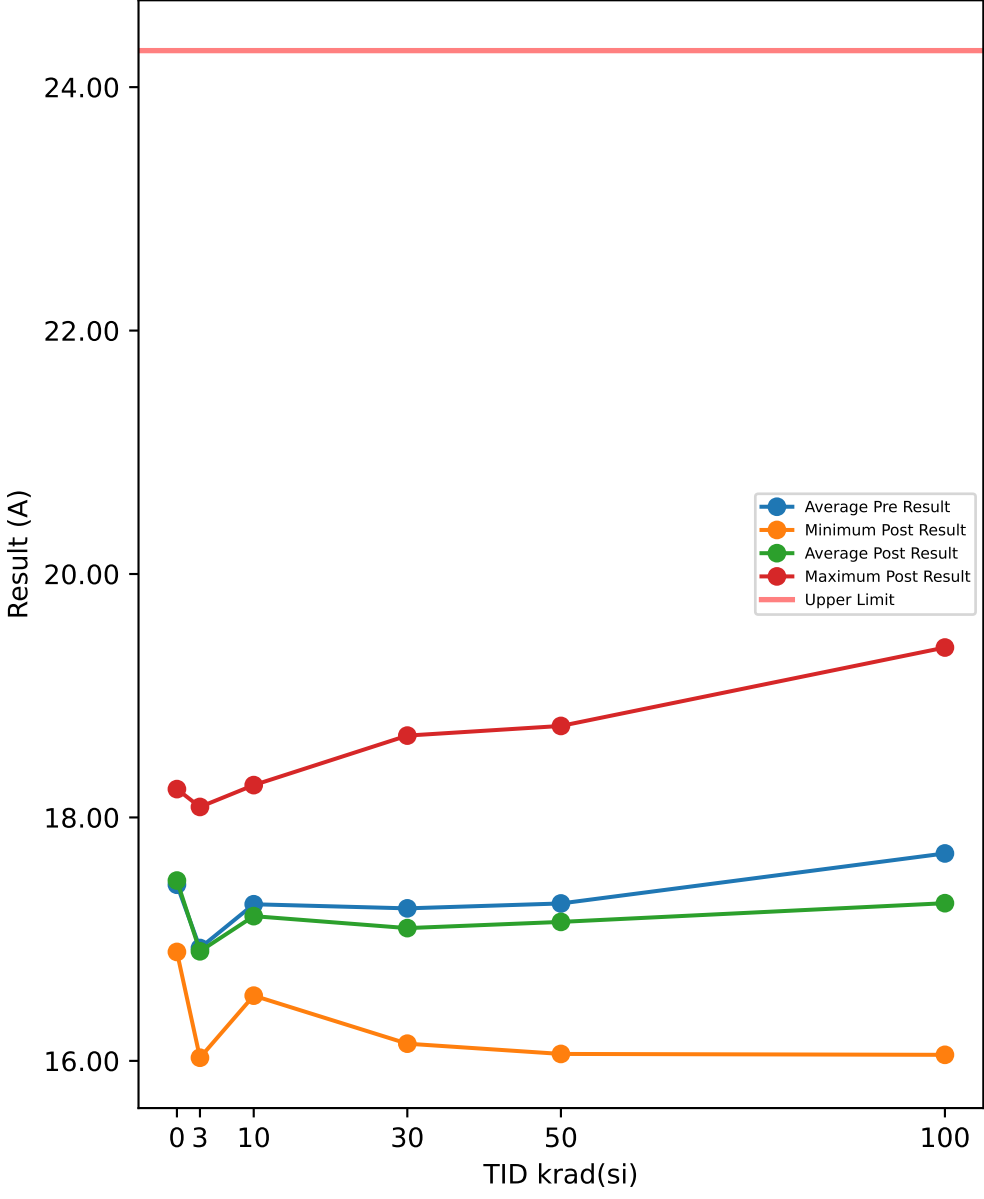
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.464	12.82	13.333	0.31789	12.231	12.724	13.366	0.42504	-0.4997	-0.09534	0.0335	0.22725
3	11.823	12.423	13.305	0.5357	11.743	12.386	13.247	0.54182	-0.0963	-0.03725	0.0229	0.035545
10	12.18	12.689	13.453	0.41435	12.162	12.588	13.258	0.37517	-0.2083	-0.10072	-0.0099	0.080557
30	12.072	12.64	13.954	0.6785	11.786	12.485	13.646	0.63656	-0.3564	-0.15484	0.0862	0.12526
50	11.855	12.682	13.754	0.52288	11.7	12.509	13.63	0.5938	-1.0441	-0.17393	0.4596	0.38932
100	12.206	13.029	13.625	0.42997	11.411	12.548	13.857	0.67618	-1.3733	-0.48075	0.232	0.56591

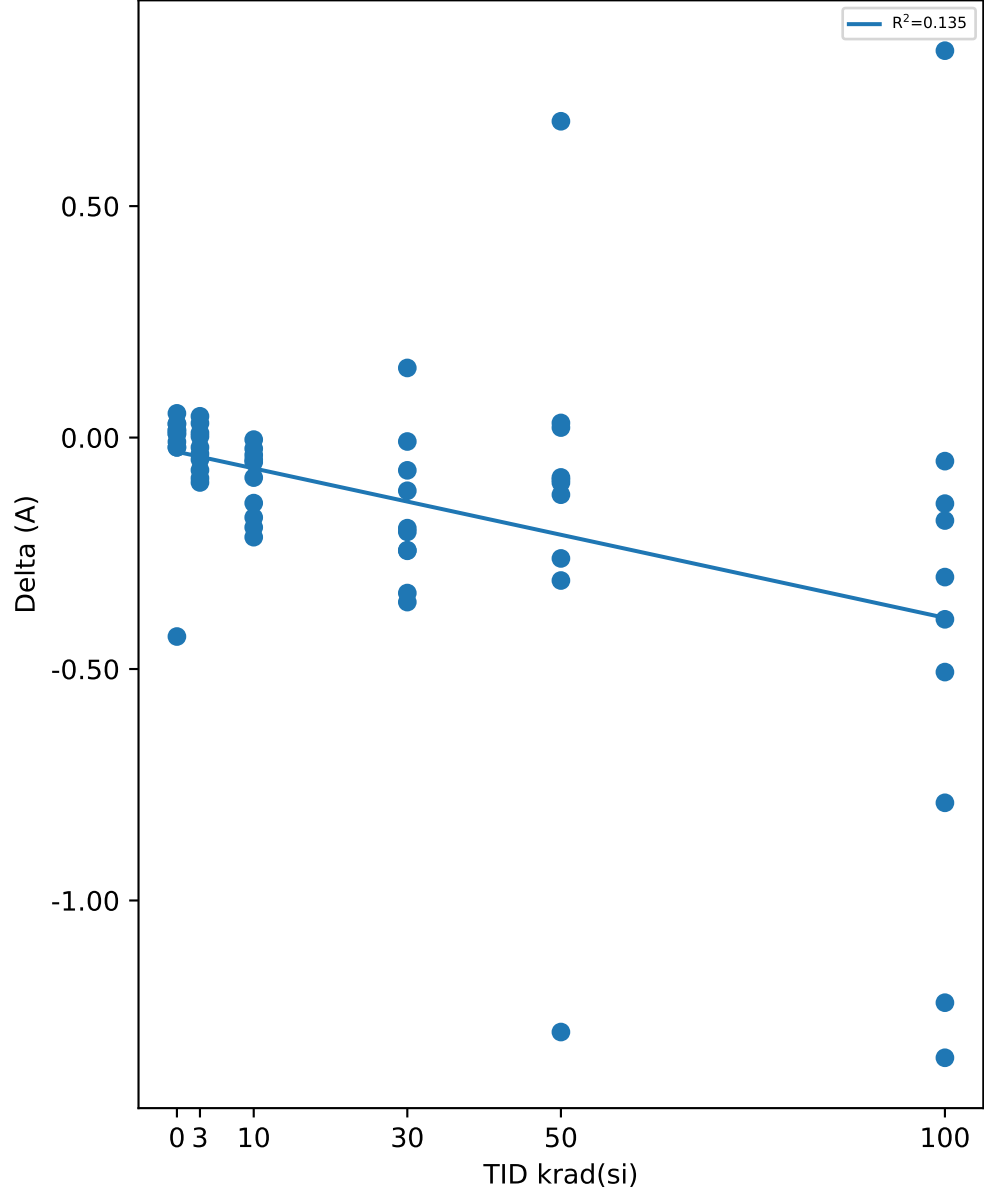
TID vs Result Stats



Test Results (Upper Limit = 24.3 (A))

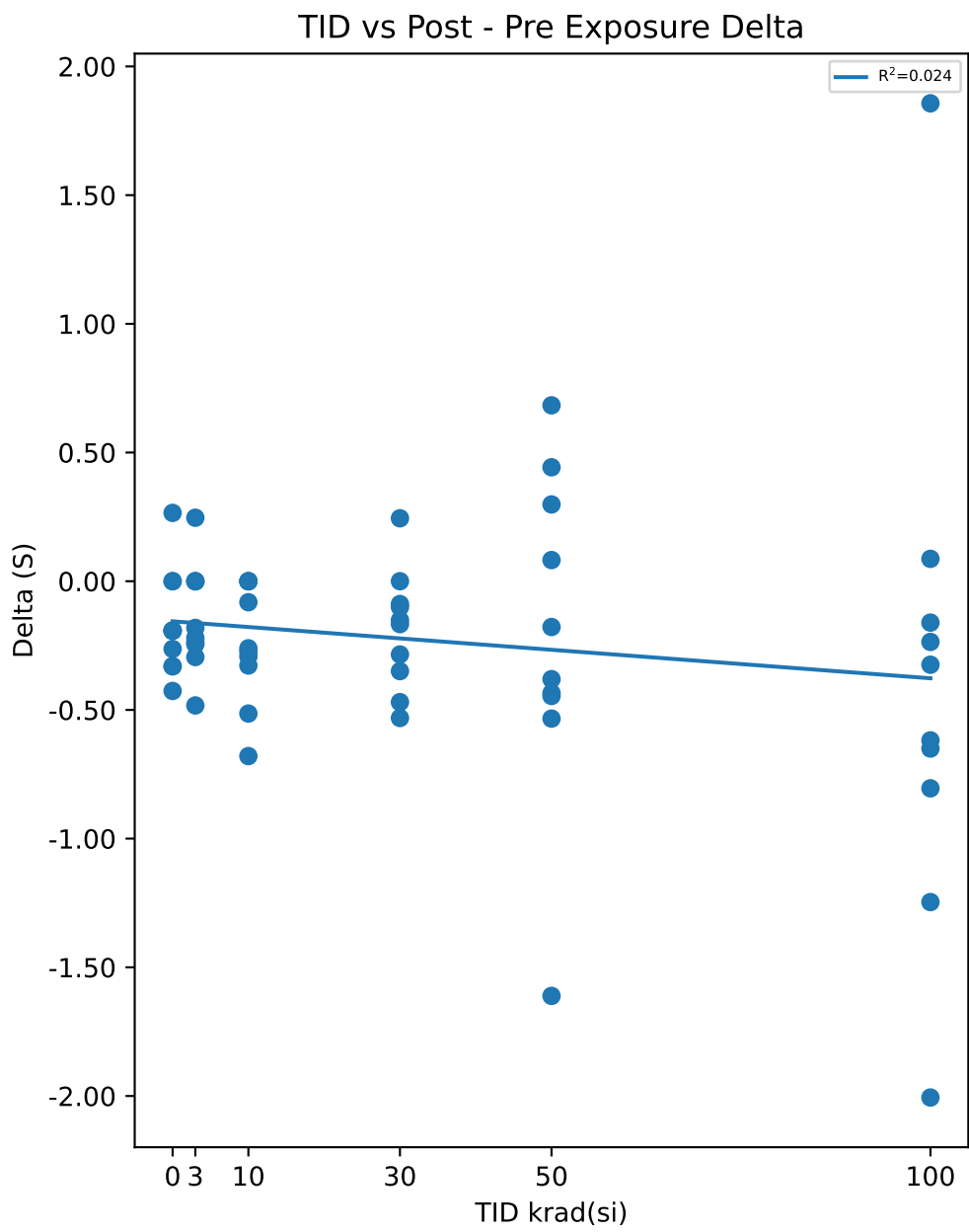
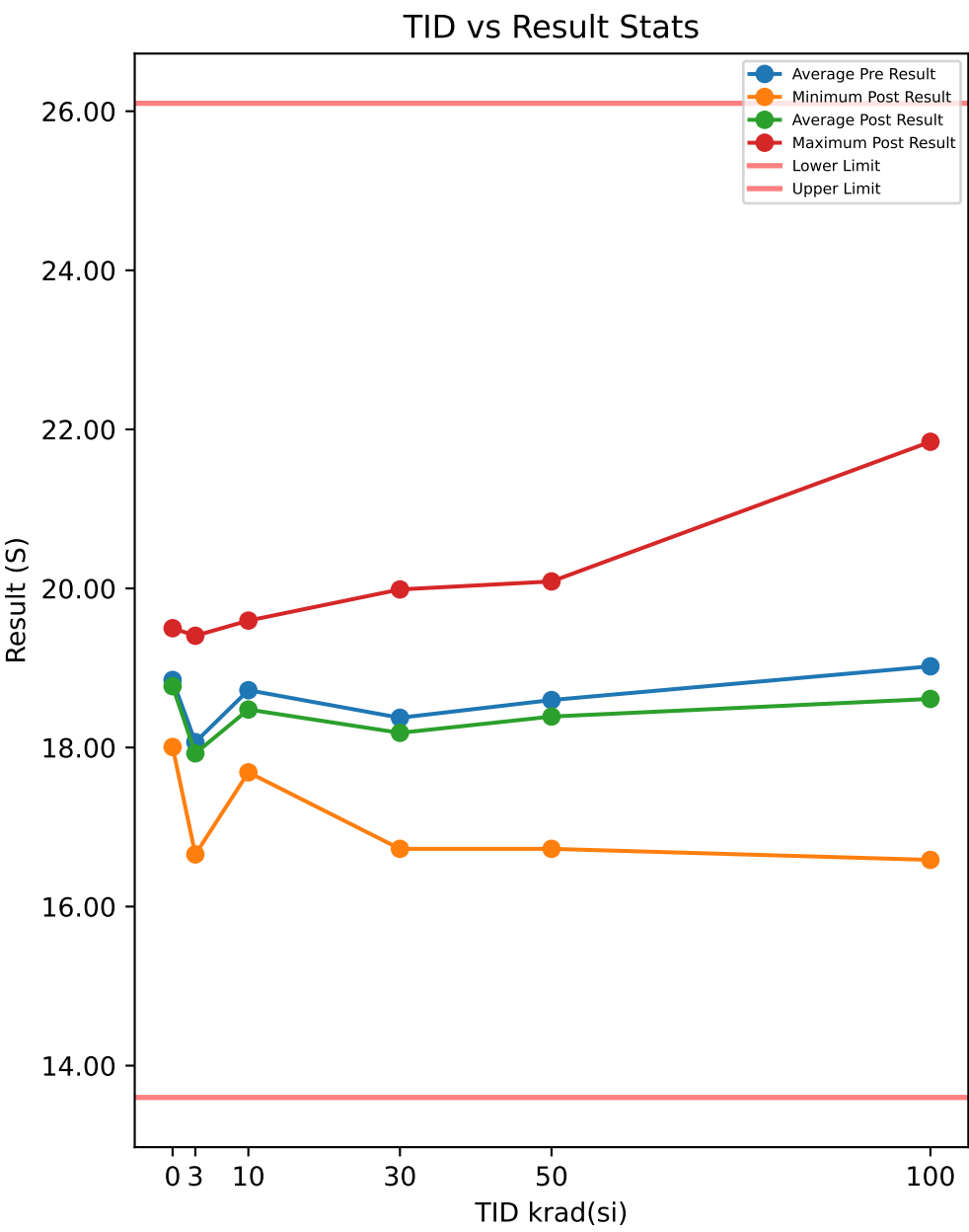
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	17.325	16.895	-0.4298
516	0	CORRELATION	17.408	17.461	0.0523
721	0	CORRELATION	17.375	17.365	-0.0092
723	0	CORRELATION	18.203	18.211	0.0081
729	0	CORRELATION	16.924	16.903	-0.0211
1000	3	Unbiased	16.149	16.18	0.0309
1001	3	Unbiased	18.028	17.94	-0.0878
1002	3	Unbiased	16.959	16.961	0.0025
1003	3	Unbiased	16.392	16.438	0.046
1004	3	Unbiased	16.581	16.534	-0.0473
1005	3	Biased	17.024	16.988	-0.0352
1006	3	Biased	17.342	17.352	0.01
1007	3	Biased	18.107	18.086	-0.0212
1008	3	Biased	16.123	16.026	-0.097
1009	3	Biased	16.567	16.496	-0.0702
1010	10	Unbiased	16.663	16.61	-0.053
1011	10	Unbiased	17.768	17.73	-0.0375
1012	10	Unbiased	17.099	17.075	-0.0239
1013	10	Unbiased	17.127	17.079	-0.0478
1014	10	Unbiased	16.54	16.536	-0.0044
1015	10	Biased	18.407	18.266	-0.1416
1016	10	Biased	17.812	17.618	-0.194
1017	10	Biased	17.425	17.21	-0.2152
1018	10	Biased	16.844	16.671	-0.1726
1019	10	Biased	17.183	17.096	-0.0865
1020	30	Unbiased	16.541	16.298	-0.2433
1021	30	Unbiased	16.567	16.718	0.1504
1022	30	Unbiased	16.539	16.469	-0.0708
1023	30	Unbiased	17.97	17.961	-0.0085
1024	30	Unbiased	17.067	16.952	-0.1149
1025	30	Biased	16.477	16.141	-0.3359
1026	30	Biased	16.824	16.621	-0.2037
1027	30	Biased	18.503	18.258	-0.2446
1028	30	Biased	19.028	18.672	-0.3554
1029	30	Biased	17.014	16.818	-0.1957
1030	50	Unbiased	17.611	17.642	0.0316
1031	50	Unbiased	17.097	17.011	-0.0861
1032	50	Unbiased	18.066	17.942	-0.1234
1033	50	Unbiased	17.396	17.418	0.0216
1034	50	Unbiased	16.966	16.868	-0.0974
1035	50	Biased-84Hr-Anneal	16.817	16.556	-0.2611
1036	50	Biased-84Hr-Anneal	16.591	16.282	-0.3088
1037	50	Biased-84Hr-Anneal	18.843	18.752	-0.091
1038	50	Biased-84Hr-Anneal	16.206	16.889	0.6833
1039	50	Biased-84Hr-Anneal	17.341	16.057	-1.2842
1040	100	Unbiased-168Hr-Anneal	17.447	17.396	-0.0509
1041	100	Unbiased-168Hr-Anneal	17.702	17.4	-0.3014
1042	100	Unbiased-168Hr-Anneal	17.997	17.604	-0.3926
1043	100	Unbiased-168Hr-Anneal	16.577	16.398	-0.1792
1044	100	Unbiased-168Hr-Anneal	17.042	16.899	-0.1427
1045	100	Biased-168Hr-Anneal	17.989	17.483	-0.5066
1046	100	Biased-168Hr-Anneal	18.073	16.733	-1.3398
1047	100	Biased-168Hr-Anneal	18.56	19.396	0.8358
1048	100	Biased-168Hr-Anneal	17.27	16.05	-1.2208
1049	100	Biased-168Hr-Anneal	18.384	17.595	-0.789

TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	16.924	17.447	18.203	0.46539	16.895	17.367	18.211	0.53832	-0.4298	-0.07994	0.0523	0.19755
3	16.123	16.927	18.107	0.71297	16.026	16.9	18.086	0.70689	-0.097	-0.02693	0.046	0.049325
10	16.54	17.287	18.407	0.57697	16.536	17.189	18.266	0.54774	-0.2152	-0.09765	-0.0044	0.076743
30	16.477	17.253	19.028	0.91829	16.141	17.091	18.672	0.88149	-0.3554	-0.16224	0.1504	0.15479
50	16.206	17.293	18.843	0.75712	16.057	17.142	18.752	0.81469	-1.2842	-0.15155	0.6833	0.4821
100	16.577	17.704	18.56	0.62012	16.05	17.295	19.396	0.9119	-1.3398	-0.40872	0.8358	0.62296

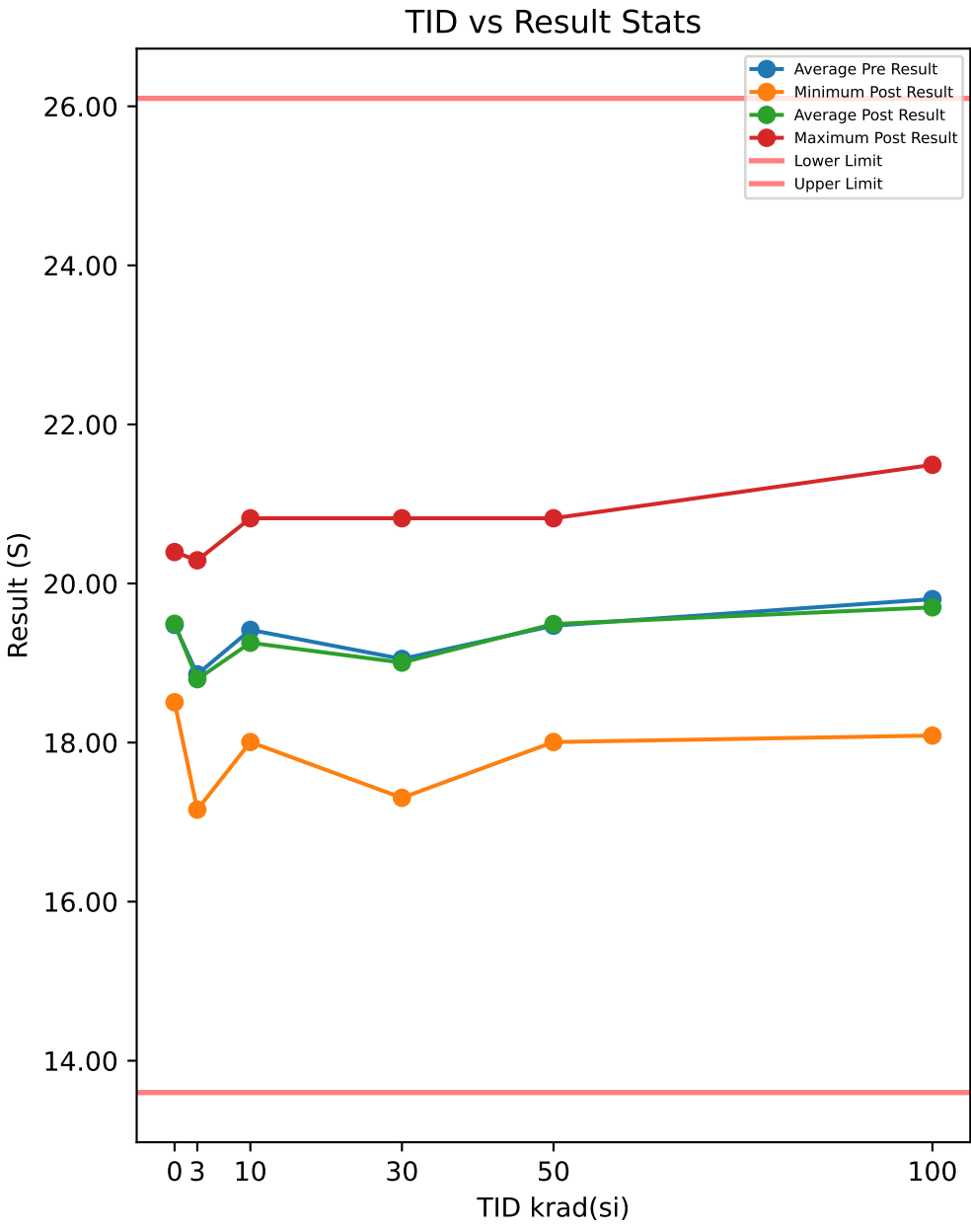


Test Results (Lower Limit = 13.6, Upper Limit = 26.1 (S))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	18.68	18.253	-0.4263
516	0	CORRELATION	18.68	18.945	0.2655
721	0	CORRELATION	18.856	18.593	-0.2631
723	0	CORRELATION	19.692	19.5	-0.192
729	0	CORRELATION	18.337	18.007	-0.3304
1000	3	Unbiased	17.231	17.011	-0.2199
1001	3	Unbiased	19.127	18.945	-0.1813
1002	3	Unbiased	18.007	18.253	0.2466
1003	3	Unbiased	17.305	17.011	-0.2945
1004	3	Unbiased	17.767	17.767	-0.0001
1005	3	Biased	18.171	17.926	-0.2445
1006	3	Biased	18.68	18.68	-0.0002
1007	3	Biased	19.888	19.405	-0.4827
1008	3	Biased	16.656	16.656	0
1009	3	Biased	17.846	17.61	-0.2359
1010	10	Unbiased	18.088	18.007	-0.0816
1011	10	Unbiased	18.171	18.17	-0.0001
1012	10	Unbiased	18.253	17.926	-0.3274
1013	10	Unbiased	19.219	18.945	-0.2733
1014	10	Unbiased	17.688	17.688	0
1015	10	Biased	19.888	19.596	-0.2924
1016	10	Biased	18.768	18.507	-0.2606
1017	10	Biased	18.768	18.253	-0.5142
1018	10	Biased	18.768	18.088	-0.6794
1019	10	Biased	19.596	19.596	-0.0002
1020	30	Unbiased	17.011	16.726	-0.2847
1021	30	Unbiased	17.926	18.171	0.2445
1022	30	Unbiased	17.456	17.305	-0.1512
1023	30	Unbiased	18.856	18.768	-0.0886
1024	30	Unbiased	18.856	18.507	-0.3493
1025	30	Biased	17.688	17.157	-0.5314
1026	30	Biased	18.337	18.171	-0.1667
1027	30	Biased	19.596	19.596	0
1028	30	Biased	20.088	19.988	-0.1004
1029	30	Biased	17.926	17.456	-0.4697
1030	50	Unbiased	18.593	19.036	0.4427
1031	50	Unbiased	18.088	18.171	0.0822
1032	50	Unbiased	19.692	19.312	-0.3805
1033	50	Unbiased	19.127	18.593	-0.5338
1034	50	Unbiased	18.945	18.768	-0.1779
1035	50	Biased-84Hr-Anneal	18.856	18.422	-0.4344
1036	50	Biased-84Hr-Anneal	17.456	17.011	-0.4458
1037	50	Biased-84Hr-Anneal	19.79	20.088	0.2983
1038	50	Biased-84Hr-Anneal	17.083	17.767	0.6834
1039	50	Biased-84Hr-Anneal	18.337	16.726	-1.6111
1040	100	Unbiased-168Hr-Anneal	18.007	17.846	-0.1608
1041	100	Unbiased-168Hr-Anneal	18.593	18.68	0.087
1042	100	Unbiased-168Hr-Anneal	19.596	18.945	-0.65
1043	100	Unbiased-168Hr-Anneal	17.846	17.61	-0.2358
1044	100	Unbiased-168Hr-Anneal	18.17	17.846	-0.3244
1045	100	Biased-168Hr-Anneal	19.311	18.507	-0.8046
1046	100	Biased-168Hr-Anneal	19.5	18.253	-1.2466
1047	100	Biased-168Hr-Anneal	19.988	21.844	1.8567
1048	100	Biased-168Hr-Anneal	18.593	16.587	-2.0059
1049	100	Biased-168Hr-Anneal	20.606	19.988	-0.6182

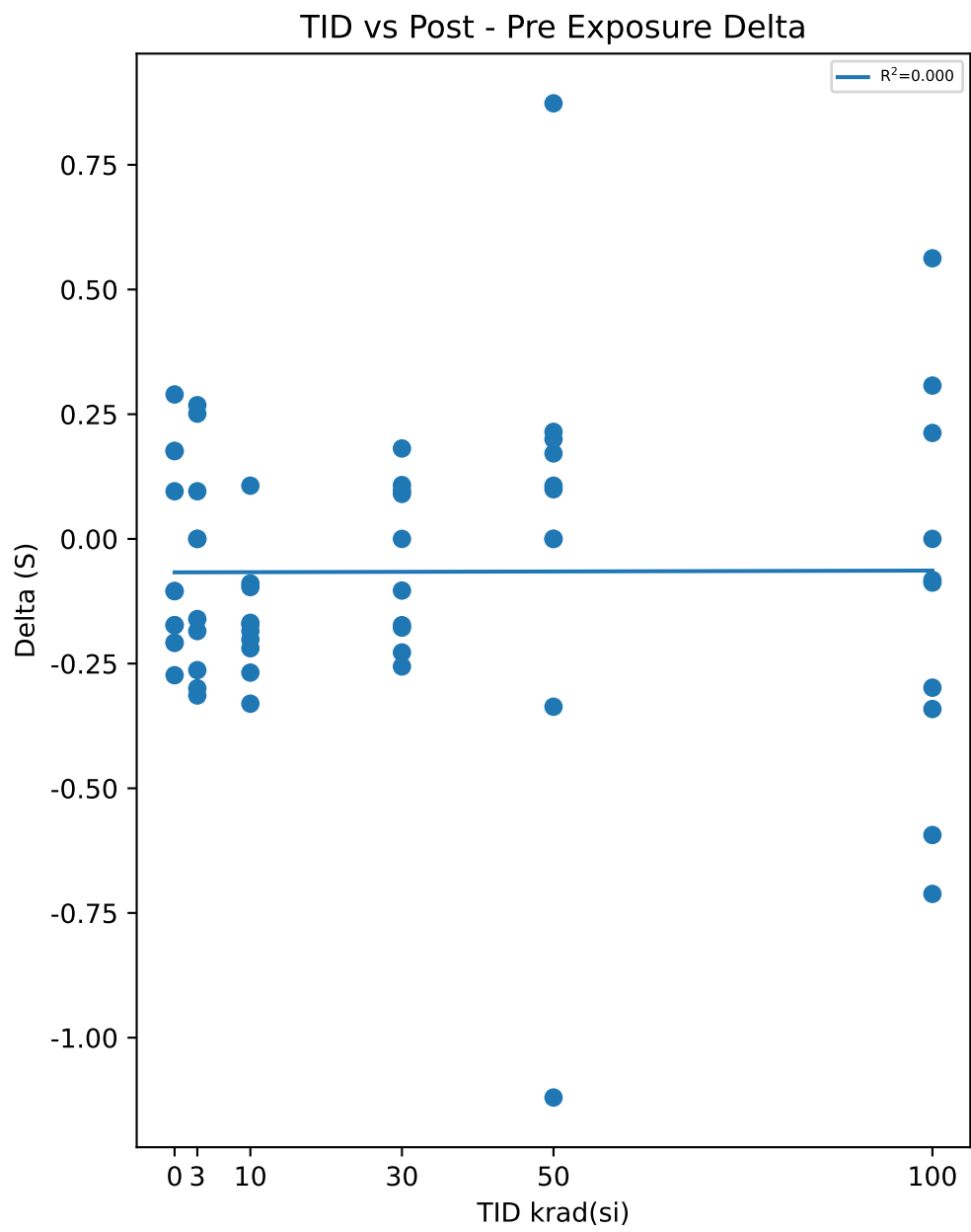
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.337	18.849	19.692	0.5074	18.007	18.66	19.5	0.58811	-0.4263	-0.18926	0.2655	0.2685
3	16.656	18.068	19.888	0.95677	16.656	17.926	19.405	0.90162	-0.4827	-0.14125	0.2466	0.20485
10	17.688	18.721	19.888	0.69685	17.688	18.478	19.596	0.6803	-0.6794	-0.24292	0	0.23042
30	17.011	18.374	20.088	0.97002	16.726	18.184	19.988	1.0632	-0.5314	-0.18975	0.2445	0.22958
50	17.083	18.597	19.79	0.88252	16.726	18.389	20.088	1.0243	-1.6111	-0.20769	0.6834	0.64738
100	17.846	19.021	20.606	0.91823	16.587	18.611	21.844	1.4481	-2.0059	-0.41026	1.8567	0.99934



Test Results (Lower Limit = 13.6, Upper Limit = 26.1 (S))

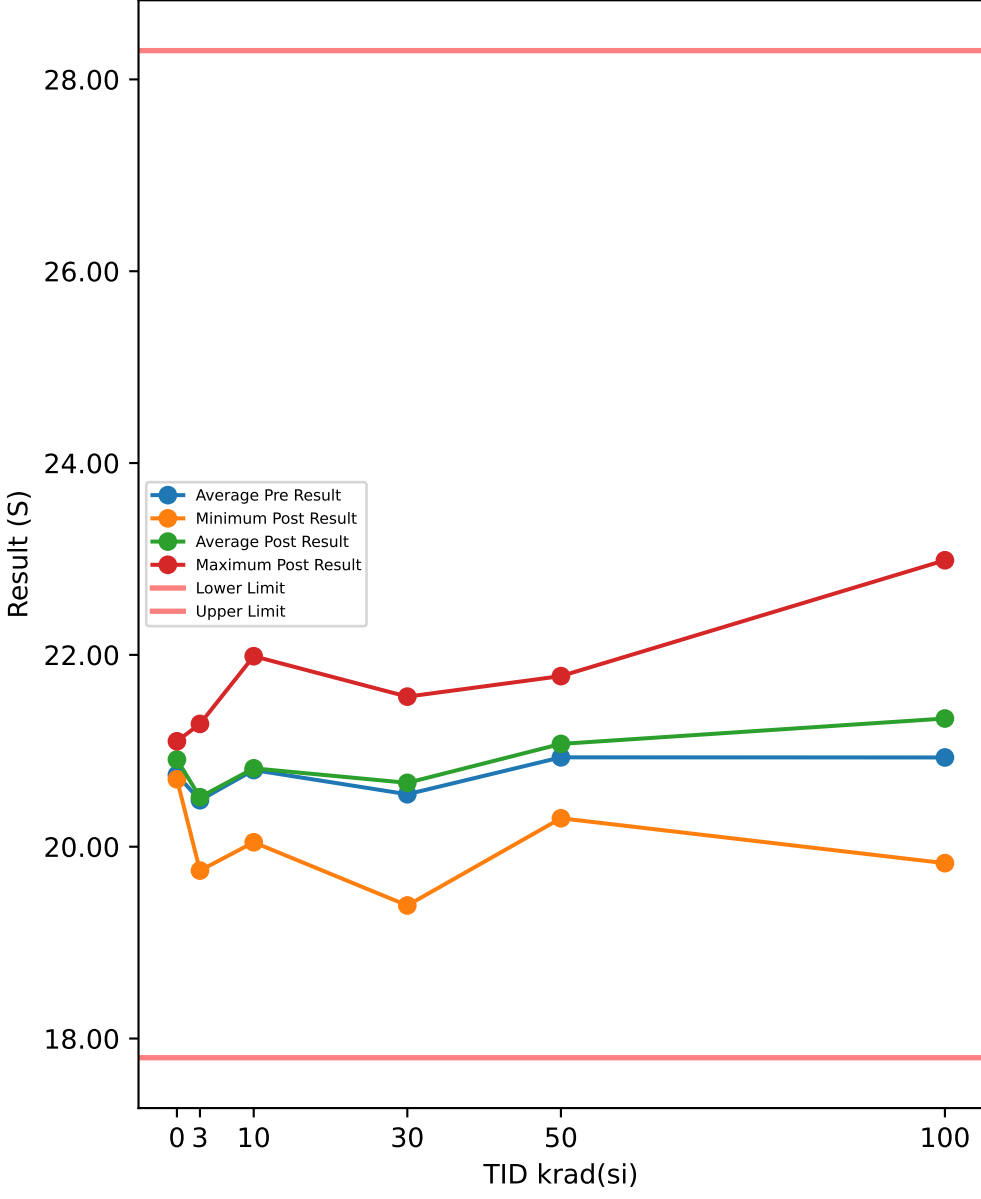
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	19.219	18.945	-0.2733
516	0	CORRELATION	19.5	19.79	0.2896
721	0	CORRELATION	19.5	19.596	0.0955
723	0	CORRELATION	20.5	20.395	-0.1047
729	0	CORRELATION	18.68	18.856	0.1762
1000	3	Unbiased	18.171	18.422	0.2511
1001	3	Unbiased	19.312	19.127	-0.1848
1002	3	Unbiased	18.856	18.593	-0.2631
1003	3	Unbiased	18.007	17.846	-0.1607
1004	3	Unbiased	18.768	19.036	0.2681
1005	3	Biased	19.312	19.312	0
1006	3	Biased	19.5	19.596	0.0955
1007	3	Biased	20.606	20.292	-0.3139
1008	3	Biased	17.456	17.157	-0.2996
1009	3	Biased	18.593	18.593	0
1010	10	Unbiased	18.593	18.422	-0.1714
1011	10	Unbiased	18.422	18.253	-0.1683
1012	10	Unbiased	18.945	18.856	-0.0893
1013	10	Unbiased	20.189	19.988	-0.2018
1014	10	Unbiased	18.337	18.007	-0.3304
1015	10	Biased	21.04	20.82	-0.2192
1016	10	Biased	19.692	19.596	-0.0966
1017	10	Biased	19.312	19.127	-0.1848
1018	10	Biased	19.036	18.768	-0.2681
1019	10	Biased	20.606	20.712	0.1067
1020	30	Unbiased	17.533	17.305	-0.2277
1021	30	Unbiased	18.945	19.036	0.0902
1022	30	Unbiased	18.593	18.337	-0.2558
1023	30	Unbiased	18.945	19.127	0.1813
1024	30	Unbiased	19.596	19.692	0.0966
1025	30	Biased	18.68	18.507	-0.173
1026	30	Biased	18.945	18.768	-0.1779
1027	30	Biased	20.395	20.292	-0.1036
1028	30	Biased	20.712	20.82	0.1079
1029	30	Biased	18.171	18.171	0
1030	50	Unbiased	19.312	19.312	0
1031	50	Unbiased	18.422	18.593	0.1714
1032	50	Unbiased	20.606	20.82	0.2146
1033	50	Unbiased	19.888	20.088	0.1999
1034	50	Unbiased	20.088	20.088	0
1035	50	Biased-84Hr-Anneal	19.888	19.988	0.0995
1036	50	Biased-84Hr-Anneal	18.507	18.171	-0.3365
1037	50	Biased-84Hr-Anneal	20.606	20.712	0.1067
1038	50	Biased-84Hr-Anneal	18.253	19.127	0.8733
1039	50	Biased-84Hr-Anneal	19.127	18.007	-1.12
1040	100	Unbiased-168Hr-Anneal	18.171	18.088	-0.0823
1041	100	Unbiased-168Hr-Anneal	20.088	19.79	-0.2983
1042	100	Unbiased-168Hr-Anneal	20.088	20.395	0.3074
1043	100	Unbiased-168Hr-Anneal	18.593	18.593	0
1044	100	Unbiased-168Hr-Anneal	18.768	18.68	-0.0876
1045	100	Biased-168Hr-Anneal	20.189	19.596	-0.5937
1046	100	Biased-168Hr-Anneal	20.5	20.712	0.2124
1047	100	Biased-168Hr-Anneal	20.929	21.492	0.5626
1048	100	Biased-168Hr-Anneal	19.219	18.507	-0.7118
1049	100	Biased-168Hr-Anneal	21.492	21.151	-0.3411



Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.68	19.48	20.5	0.66137	18.856	19.516	20.395	0.63548	-0.2733	0.03666	0.2896	0.22526
3	17.456	18.858	20.606	0.88936	17.157	18.797	20.292	0.88955	-0.3139	-0.06074	0.2681	0.21722
10	18.337	19.417	21.04	0.9388	18.007	19.255	20.82	0.99418	-0.3304	-0.16232	0.1067	0.11873
30	17.533	19.052	20.712	0.96176	17.305	19.005	20.82	1.0422	-0.2558	-0.0462	0.1813	0.15994
50	18.253	19.47	20.606	0.87941	18.007	19.49	20.82	1.0075	-1.12	0.02089	0.8733	0.5014
100	18.171	19.804	21.492	1.0781	18.088	19.7	21.492	1.2079	-0.7118	-0.10324	0.5626	0.39839

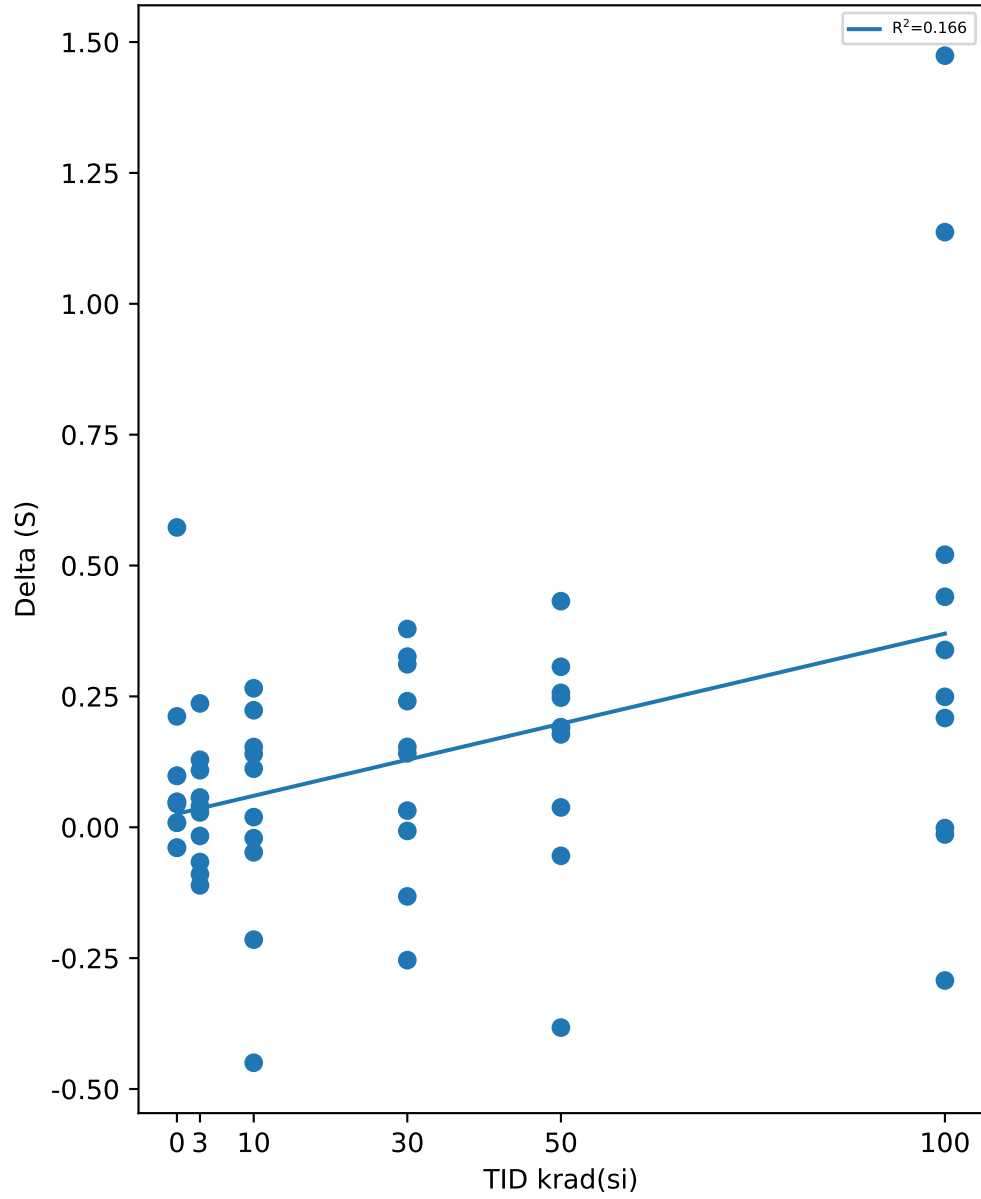
TID vs Result Stats



Test Results (Lower Limit = 17.8, Upper Limit = 28.3 (S))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	20.887	21.099	0.2118
516	0	CORRELATION	20.244	20.817	0.5728
721	0	CORRELATION	20.886	20.93	0.0446
723	0	CORRELATION	20.988	21.086	0.0983
729	0	CORRELATION	20.742	20.703	-0.0391
1000	3	Unbiased	20.407	20.391	-0.0166
1001	3	Unbiased	20.747	20.876	0.1289
1002	3	Unbiased	20.446	20.38	-0.0664
1003	3	Unbiased	19.771	20.007	0.2366
1004	3	Unbiased	20.82	20.877	0.0569
1005	3	Biased	19.841	19.751	-0.0897
1006	3	Biased	20.669	20.698	0.0283
1007	3	Biased	21.392	21.28	-0.111
1008	3	Biased	19.858	19.967	0.1089
1009	3	Biased	20.894	20.935	0.0405
1010	10	Unbiased	20.502	20.287	-0.2147
1011	10	Unbiased	20.178	20.443	0.2655
1012	10	Unbiased	20.921	20.471	-0.4499
1013	10	Unbiased	21.377	21.329	-0.0479
1014	10	Unbiased	19.934	20.046	0.1119
1015	10	Biased	21.557	21.71	0.1533
1016	10	Biased	20.338	20.317	-0.0208
1017	10	Biased	20.509	20.733	0.2235
1018	10	Biased	20.83	20.849	0.0194
1019	10	Biased	21.846	21.986	0.14
1020	30	Unbiased	19.642	19.388	-0.2539
1021	30	Unbiased	20.446	20.772	0.326
1022	30	Unbiased	19.968	20.109	0.1413
1023	30	Unbiased	20.668	20.536	-0.1321
1024	30	Unbiased	20.994	21.234	0.2409
1025	30	Biased	20.078	20.456	0.3788
1026	30	Biased	21.103	21.415	0.3113
1027	30	Biased	21.133	21.287	0.1535
1028	30	Biased	21.572	21.565	-0.007
1029	30	Biased	19.866	19.898	0.0318
1030	50	Unbiased	20.753	20.941	0.1888
1031	50	Unbiased	20.563	20.82	0.2568
1032	50	Unbiased	21.178	21.124	-0.0546
1033	50	Unbiased	21.097	21.403	0.3066
1034	50	Unbiased	21.496	21.743	0.2476
1035	50	Biased-84Hr-Anneal	21.579	21.617	0.0379
1036	50	Biased-84Hr-Anneal	20.119	20.297	0.1774
1037	50	Biased-84Hr-Anneal	21.587	21.779	0.1912
1038	50	Biased-84Hr-Anneal	20.139	20.57	0.4319
1039	50	Biased-84Hr-Anneal	20.808	20.425	-0.3827
1040	100	Unbiased-168Hr-Anneal	19.83	19.828	-0.0016
1041	100	Unbiased-168Hr-Anneal	20.432	20.872	0.4403
1042	100	Unbiased-168Hr-Anneal	20.93	21.138	0.2087
1043	100	Unbiased-168Hr-Anneal	20.537	20.876	0.3387
1044	100	Unbiased-168Hr-Anneal	20.635	20.342	-0.2927
1045	100	Biased-168Hr-Anneal	21.055	22.192	1.1369
1046	100	Biased-168Hr-Anneal	21.08	21.601	0.5207
1047	100	Biased-168Hr-Anneal	21.512	22.986	1.474
1048	100	Biased-168Hr-Anneal	20.691	20.677	-0.0138
1049	100	Biased-168Hr-Anneal	22.602	22.852	0.2492

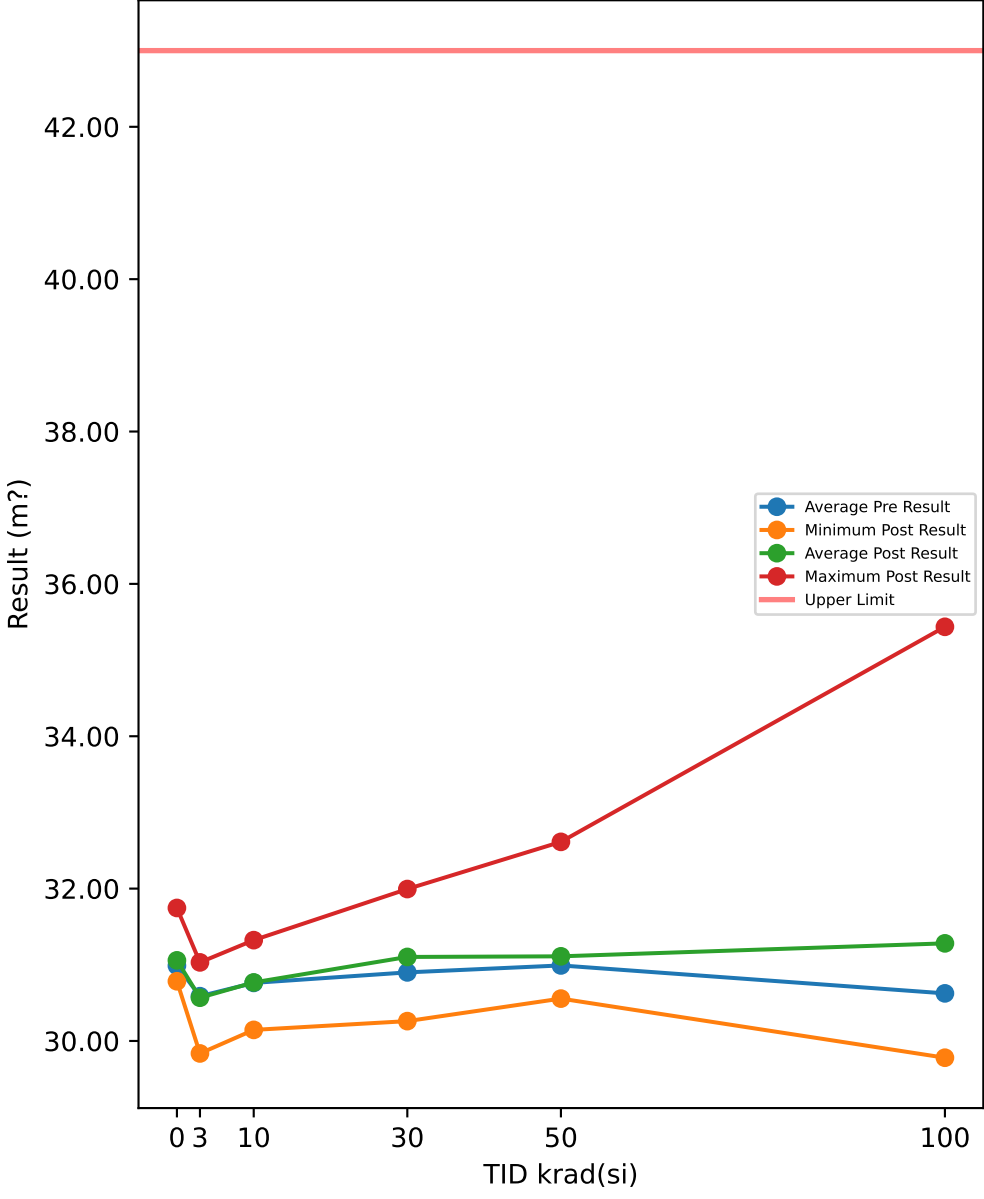
TID vs Post - Pre Exposure Delta



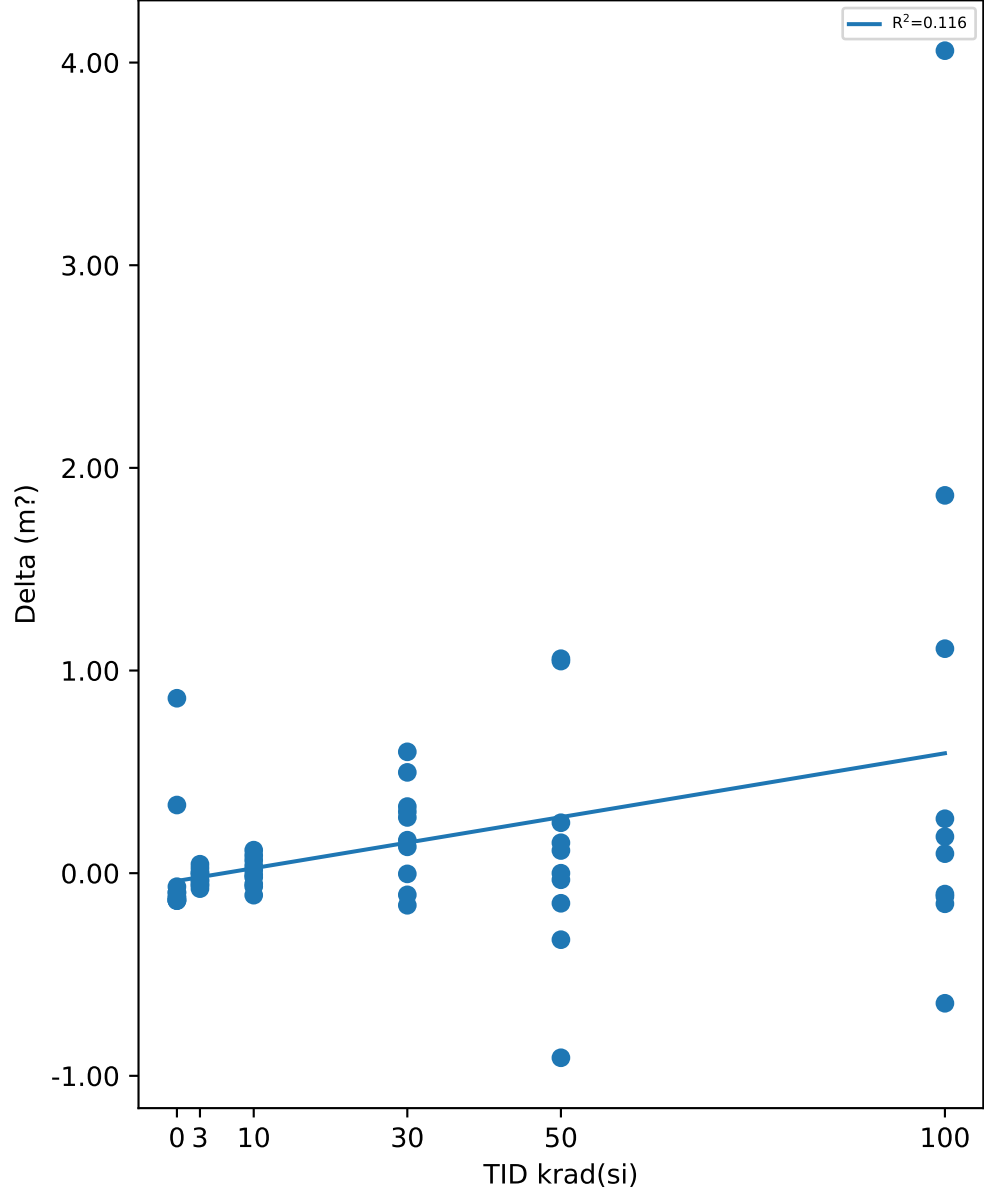
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.244	20.749	20.988	0.29588	20.703	20.927	21.099	0.17126	-0.0391	0.17768	0.5728	0.2389
3	19.771	20.484	21.392	0.5302	19.751	20.516	21.28	0.49802	-0.111	0.03164	0.2366	0.1081
10	19.934	20.799	21.846	0.62714	20.046	20.817	21.986	0.65148	-0.4499	0.01803	0.2655	0.21716
30	19.642	20.547	21.572	0.64696	19.388	20.666	21.565	0.72137	-0.2539	0.11906	0.3788	0.20802
50	20.119	20.932	21.587	0.55056	20.297	21.072	21.779	0.54888	-0.3827	0.14009	0.4319	0.22757
100	19.83	20.93	22.602	0.74018	19.828	21.337	22.986	1.0533	-0.2927	0.40604	1.474	0.53622

TID vs Result Stats



TID vs Post - Pre Exposure Delta



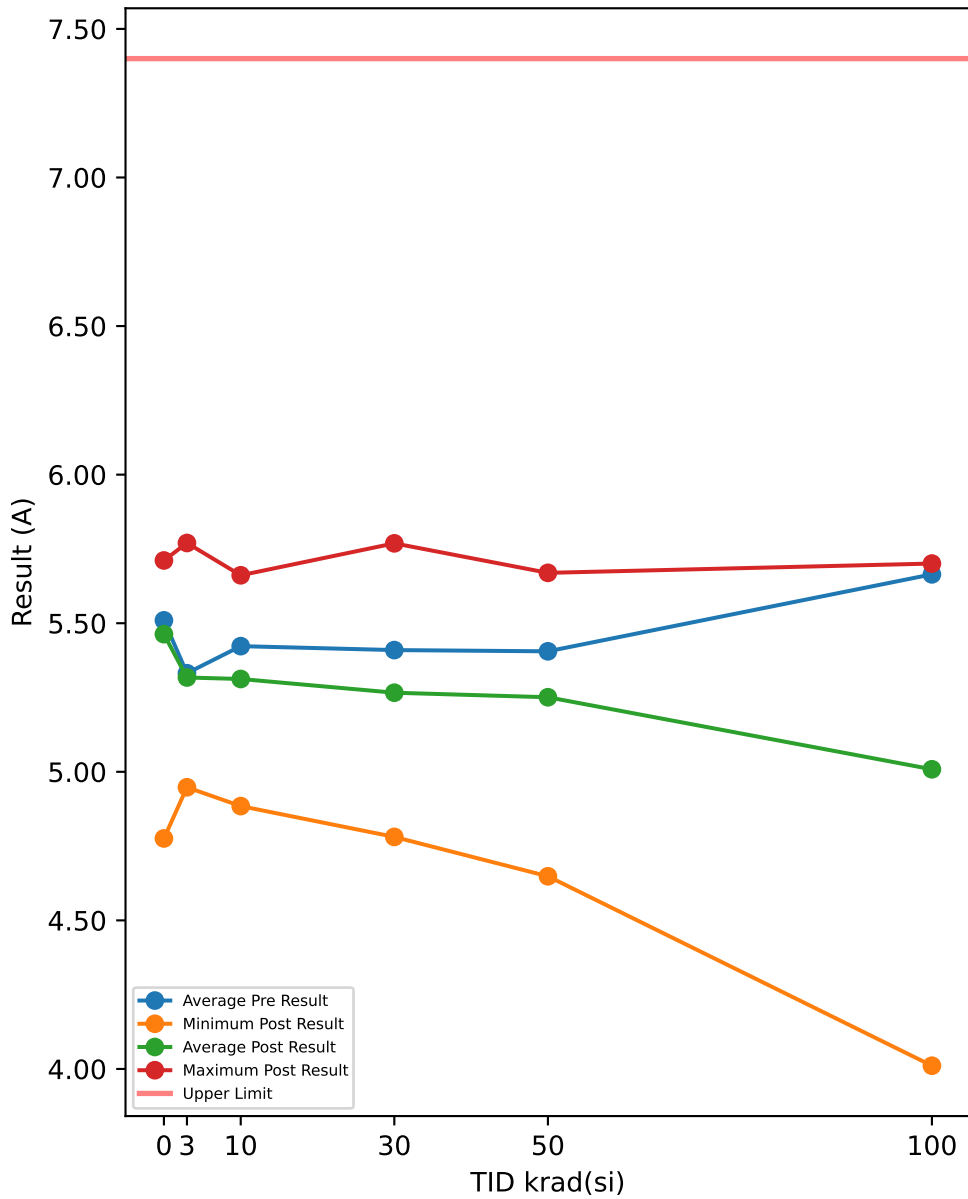
Test Results (Upper Limit = 43.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	30.883	31.746	0.8632
516	0	CORRELATION	30.871	31.207	0.3363
721	0	CORRELATION	31.011	30.944	-0.0667
723	0	CORRELATION	30.917	30.821	-0.0955
729	0	CORRELATION	31.26	31.141	-0.1187
1000	3	Unbiased	30.67	30.671	0.0004
1001	3	Unbiased	30.406	30.45	0.0442
1002	3	Unbiased	29.959	29.882	-0.0763
1003	3	Unbiased	30.692	30.683	-0.0097
1004	3	Unbiased	30.762	30.729	-0.0335
1005	3	Biased	29.892	29.836	-0.0558
1006	3	Biased	30.861	30.866	0.005
1007	3	Biased	30.634	30.574	-0.0595
1008	3	Biased	30.996	30.957	-0.0391
1009	3	Biased	31.006	31.031	0.0251
1010	10	Unbiased	30.058	30.145	0.0876
1011	10	Unbiased	30.898	30.961	0.0638
1012	10	Unbiased	31.343	31.323	-0.0201
1013	10	Unbiased	30.962	30.954	-0.0083
1014	10	Unbiased	30.6	30.492	-0.1085
1015	10	Biased	30.84	30.856	0.0157
1016	10	Biased	30.591	30.538	-0.0535
1017	10	Biased	30.747	30.861	0.1136
1018	10	Biased	30.587	30.521	-0.0657
1019	10	Biased	30.996	31.033	0.0369
1020	30	Unbiased	30.367	30.26	-0.1069
1021	30	Unbiased	30.869	31.366	0.4974
1022	30	Unbiased	30.828	30.991	0.1628
1023	30	Unbiased	30.925	31.055	0.13
1024	30	Unbiased	30.733	30.574	-0.1584
1025	30	Biased	30.686	30.989	0.3032
1026	30	Biased	31.395	31.994	0.5988
1027	30	Biased	31.14	31.469	0.3287
1028	30	Biased	30.915	30.911	-0.0035
1029	30	Biased	31.144	31.419	0.275
1030	50	Unbiased	31.018	31.168	0.1501
1031	50	Unbiased	30.699	30.698	-0.0002
1032	50	Unbiased	30.685	30.652	-0.0325
1033	50	Unbiased	30.818	30.669	-0.1485
1034	50	Unbiased	30.884	30.556	-0.3282
1035	50	Biased-84Hr-Anneal	30.866	31.115	0.2489
1036	50	Biased-84Hr-Anneal	30.971	31.083	0.1119
1037	50	Biased-84Hr-Anneal	31.555	32.614	1.0583
1038	50	Biased-84Hr-Anneal	31.562	30.651	-0.9109
1039	50	Biased-84Hr-Anneal	30.856	31.902	1.0466
1040	100	Unbiased-168Hr-Anneal	30.385	30.565	0.1802
1041	100	Unbiased-168Hr-Anneal	29.931	29.78	-0.151
1042	100	Unbiased-168Hr-Anneal	30.489	29.847	-0.642
1043	100	Unbiased-168Hr-Anneal	30.552	30.82	0.2686
1044	100	Unbiased-168Hr-Anneal	30.401	30.286	-0.1151
1045	100	Biased-168Hr-Anneal	30.814	32.678	1.8643
1046	100	Biased-168Hr-Anneal	30.892	30.788	-0.1032
1047	100	Biased-168Hr-Anneal	31.378	35.437	4.0587
1048	100	Biased-168Hr-Anneal	30.622	30.719	0.0963
1049	100	Biased-168Hr-Anneal	30.784	31.892	1.1078

Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	30.871	30.988	31.26	0.16159	30.821	31.172	31.746	0.35593	-0.1187	0.18372	0.8632	0.42341
3	29.892	30.588	31.006	0.39154	29.836	30.568	31.031	0.4115	-0.0763	-0.01992	0.0442	0.039245
10	30.058	30.762	31.343	0.33993	30.145	30.768	31.323	0.34079	-0.1085	0.00615	0.1136	0.070948
30	30.367	30.9	31.395	0.28428	30.26	31.103	31.994	0.4889	-0.1584	0.20271	0.5988	0.24734
50	30.685	30.991	31.562	0.31623	30.556	31.111	32.614	0.66519	-0.9109	0.11955	1.0583	0.58973
100	29.931	30.625	31.378	0.38182	29.78	31.281	35.437	1.7054	-0.642	0.65646	4.0587	1.392

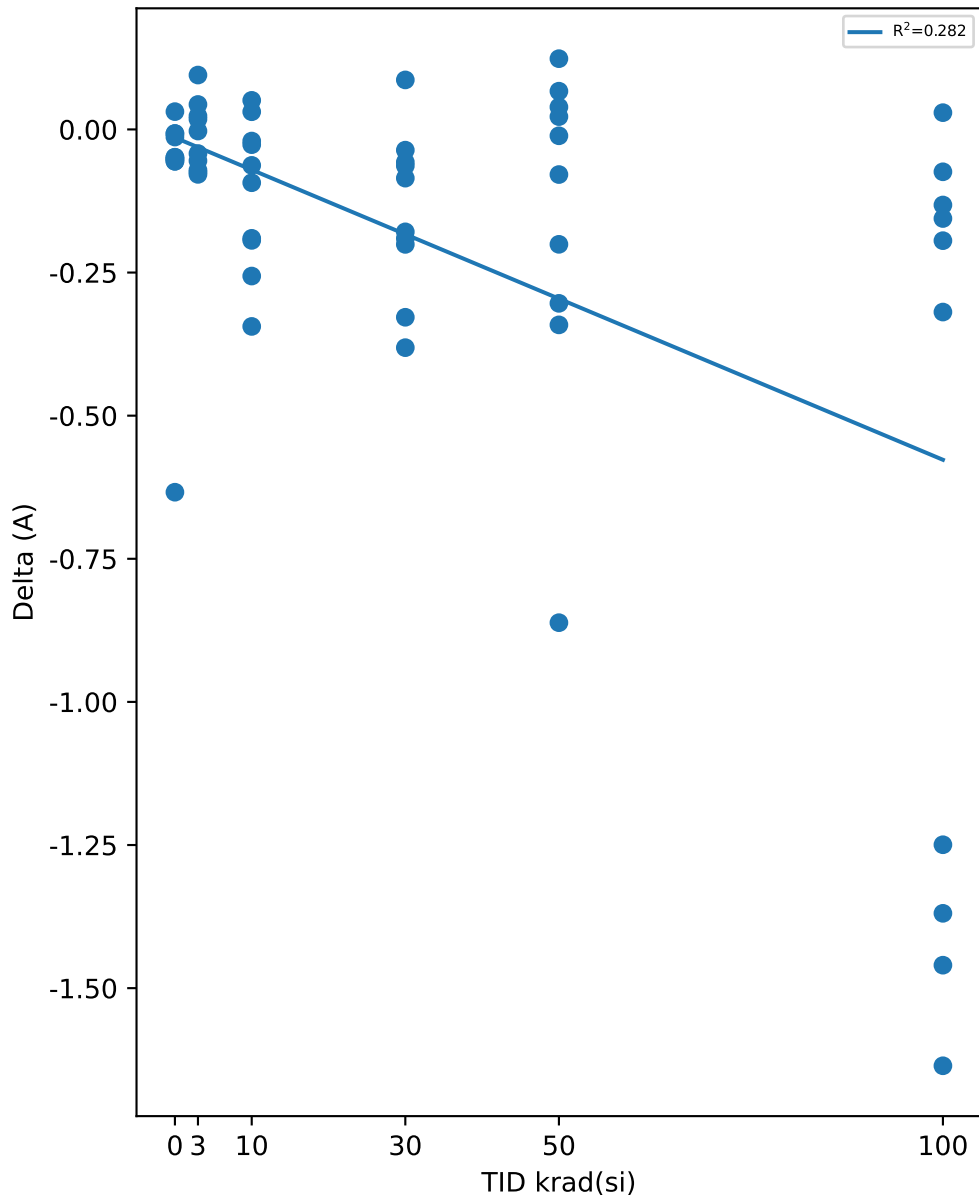
TID vs Result Stats



Test Results (Upper Limit = 7.4 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.4094	4.7757	-0.6337
516	0	CORRELATION	5.5965	5.5832	-0.0133
721	0	CORRELATION	5.3797	5.4108	0.0311
723	0	CORRELATION	5.7629	5.7112	-0.0517
729	0	CORRELATION	5.3999	5.3927	-0.0072
1000	3	Unbiased	4.9299	4.9479	0.018
1001	3	Unbiased	5.8039	5.7254	-0.0785
1002	3	Unbiased	5.4771	5.4224	-0.0547
1003	3	Unbiased	5.017	5.0606	0.0436
1004	3	Unbiased	5.0927	5.1877	0.095
1005	3	Biased	5.4991	5.4244	-0.0747
1006	3	Biased	5.5882	5.5172	-0.071
1007	3	Biased	5.7465	5.77	0.0235
1008	3	Biased	5.0342	4.9921	-0.0421
1009	3	Biased	5.1287	5.1259	-0.0028
1010	10	Unbiased	5.178	5.1577	-0.0203
1011	10	Unbiased	5.6879	5.6613	-0.0266
1012	10	Unbiased	5.3842	5.435	0.0508
1013	10	Unbiased	5.3073	5.2445	-0.0628
1014	10	Unbiased	5.321	5.3519	0.0309
1015	10	Biased	5.6927	5.4366	-0.2561
1016	10	Biased	5.7521	5.5583	-0.1938
1017	10	Biased	5.4554	5.2652	-0.1902
1018	10	Biased	5.2287	4.8846	-0.3441
1019	10	Biased	5.2214	5.1283	-0.0931
1020	30	Unbiased	5.1915	5.1345	-0.057
1021	30	Unbiased	5.141	5.2275	0.0865
1022	30	Unbiased	5.2637	5.0848	-0.1789
1023	30	Unbiased	5.665	5.6288	-0.0362
1024	30	Unbiased	5.2965	5.2329	-0.0636
1025	30	Biased	5.109	4.7809	-0.3281
1026	30	Biased	5.1079	4.9071	-0.2008
1027	30	Biased	5.8967	5.7063	-0.1904
1028	30	Biased	6.15	5.7688	-0.3812
1029	30	Biased	5.2748	5.1897	-0.0851
1030	50	Unbiased	5.5653	5.6044	0.0391
1031	50	Unbiased	5.3932	5.46	0.0668
1032	50	Unbiased	5.5536	5.4748	-0.0788
1033	50	Unbiased	5.4504	5.4728	0.0224
1034	50	Unbiased	5.4195	5.4084	-0.0111
1035	50	Biased-84Hr-Anneal	5.1671	4.8257	-0.3414
1036	50	Biased-84Hr-Anneal	5.2237	4.9199	-0.3038
1037	50	Biased-84Hr-Anneal	5.8702	5.6695	-0.2007
1038	50	Biased-84Hr-Anneal	4.9015	5.0251	0.1236
1039	50	Biased-84Hr-Anneal	5.51	4.6484	-0.8616
1040	100	Unbiased-168Hr-Anneal	5.4649	5.4942	0.0293
1041	100	Unbiased-168Hr-Anneal	5.7633	5.6313	-0.132
1042	100	Unbiased-168Hr-Anneal	5.8951	5.7008	-0.1943
1043	100	Unbiased-168Hr-Anneal	5.3317	5.2577	-0.074
1044	100	Unbiased-168Hr-Anneal	5.5384	5.3828	-0.1556
1045	100	Biased-168Hr-Anneal	5.7033	4.4538	-1.2495
1046	100	Biased-168Hr-Anneal	5.671	4.0354	-1.6356
1047	100	Biased-168Hr-Anneal	5.9117	5.5927	-0.319
1048	100	Biased-168Hr-Anneal	5.4708	4.0109	-1.4599
1049	100	Biased-168Hr-Anneal	5.8947	4.5254	-1.3693

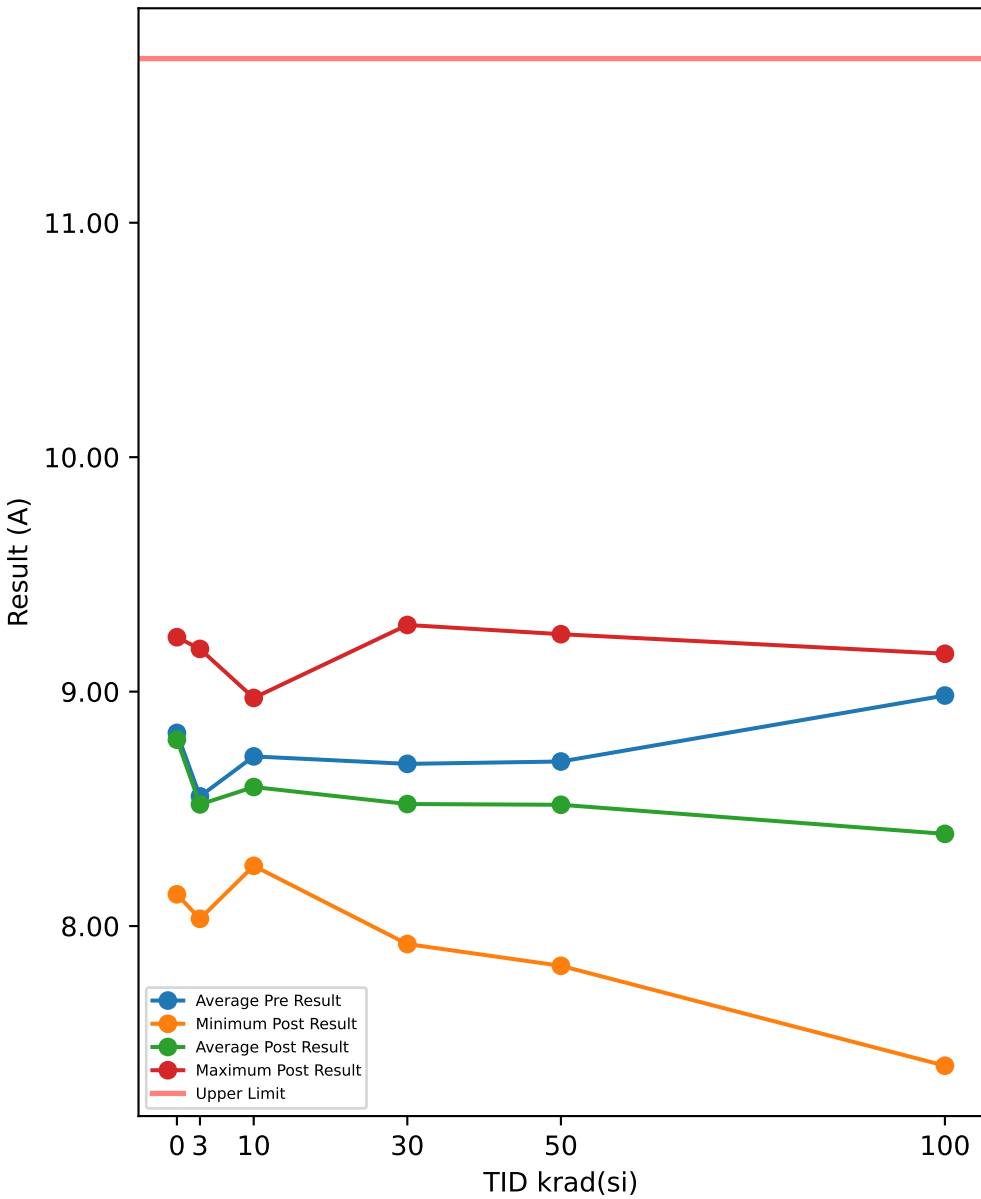
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3797	5.5097	5.7629	0.16633	4.7757	5.3747	5.7112	0.35956	-0.6337	-0.13496	0.0311	0.28035
3	4.9299	5.3317	5.8039	0.32614	4.9479	5.3174	5.77	0.2973	-0.0785	-0.01437	0.095	0.058966
10	5.178	5.4229	5.7521	0.21499	4.8846	5.3123	5.6613	0.22654	-0.3441	-0.11053	0.0508	0.13031
30	5.1079	5.4096	6.15	0.36576	4.7809	5.2661	5.7688	0.33349	-0.3812	-0.14348	0.0865	0.14103
50	4.9015	5.4055	5.8702	0.26259	4.6484	5.2509	5.6695	0.36093	-0.8616	-0.15455	0.1236	0.29453
100	5.3317	5.6645	5.9117	0.20618	4.0109	5.0085	5.7008	0.67739	-1.6356	-0.65599	0.0293	0.67717

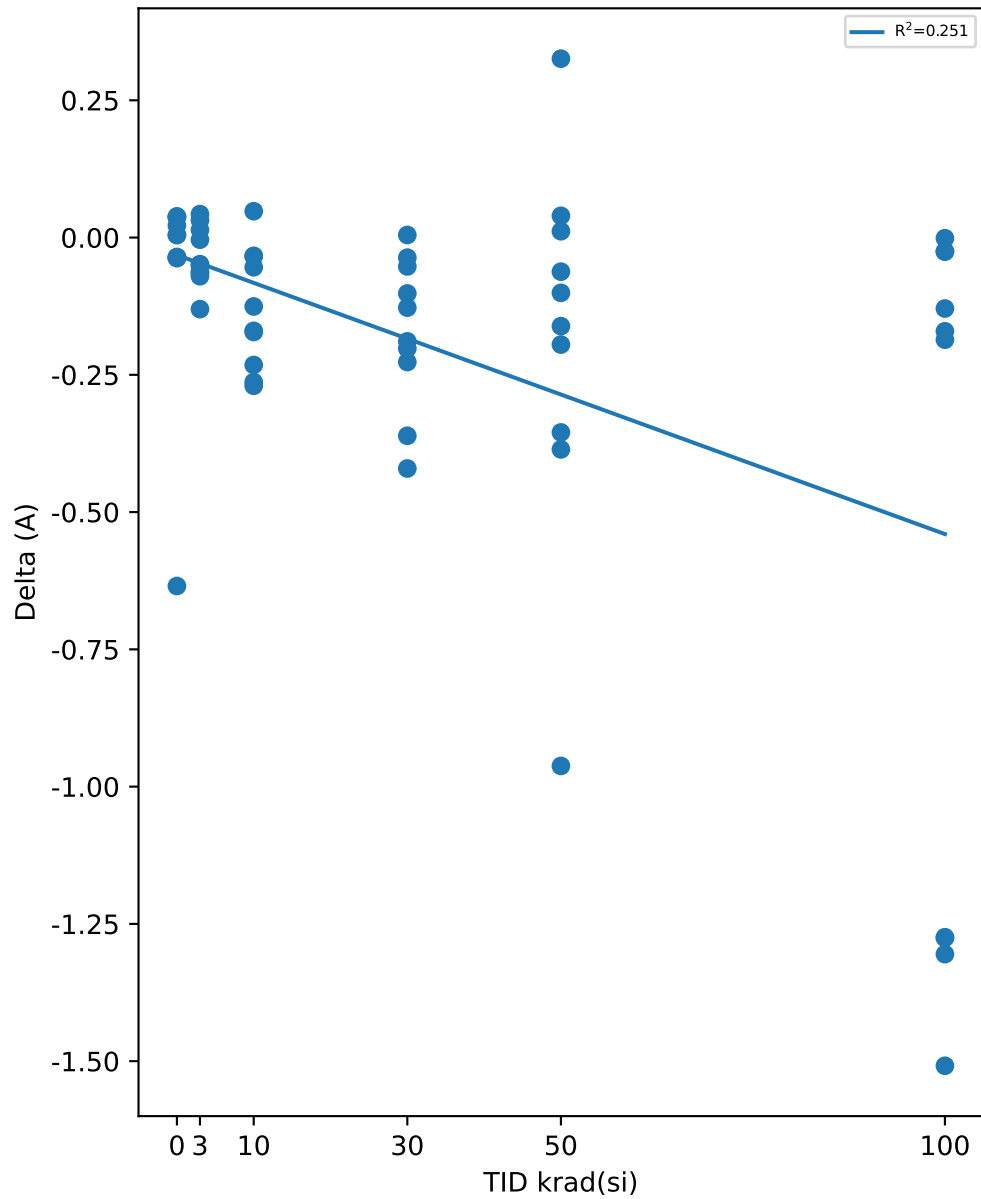
TID vs Result Stats



Test Results (Upper Limit = 11.7 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	8.77	8.1354	-0.6346
516	0	CORRELATION	8.8716	8.8935	0.0219
721	0	CORRELATION	8.724	8.7626	0.0386
723	0	CORRELATION	9.1947	9.232	0.0373
729	0	CORRELATION	8.5591	8.5638	0.0047
1000	3	Unbiased	8.0959	8.0309	-0.065
1001	3	Unbiased	9.1287	9.0582	-0.0705
1002	3	Unbiased	8.6435	8.6749	0.0314
1003	3	Unbiased	8.2724	8.224	-0.0484
1004	3	Unbiased	8.3288	8.3428	0.014
1005	3	Biased	8.6561	8.6053	-0.0508
1006	3	Biased	8.8639	8.8014	-0.0625
1007	3	Biased	9.1395	9.1822	0.0427
1008	3	Biased	8.1625	8.0321	-0.1304
1009	3	Biased	8.241	8.2371	-0.0039
1010	10	Unbiased	8.4266	8.3011	-0.1255
1011	10	Unbiased	8.9563	8.9224	-0.0339
1012	10	Unbiased	8.6035	8.6515	0.048
1013	10	Unbiased	8.5823	8.5282	-0.0541
1014	10	Unbiased	8.4739	8.4405	-0.0334
1015	10	Biased	9.1429	8.973	-0.1699
1016	10	Biased	9.1475	8.8844	-0.2631
1017	10	Biased	8.8311	8.5612	-0.2699
1018	10	Biased	8.489	8.2569	-0.2321
1019	10	Biased	8.5833	8.4113	-0.172
1020	30	Unbiased	8.3033	8.2667	-0.0366
1021	30	Unbiased	8.3684	8.3731	0.0047
1022	30	Unbiased	8.3943	8.2925	-0.1018
1023	30	Unbiased	9.0138	8.9612	-0.0526
1024	30	Unbiased	8.6123	8.4847	-0.1276
1025	30	Biased	8.2843	7.9233	-0.361
1026	30	Biased	8.3395	8.1504	-0.1891
1027	30	Biased	9.3689	9.1422	-0.2267
1028	30	Biased	9.7049	9.2843	-0.4206
1029	30	Biased	8.5288	8.3268	-0.202
1030	50	Unbiased	8.9141	8.9256	0.0115
1031	50	Unbiased	8.7043	8.6036	-0.1007
1032	50	Unbiased	9.0289	8.8676	-0.1613
1033	50	Unbiased	8.6656	8.7052	0.0396
1034	50	Unbiased	8.634	8.5719	-0.0621
1035	50	Biased-84Hr-Anneal	8.3825	8.0276	-0.3549
1036	50	Biased-84Hr-Anneal	8.4193	8.0335	-0.3858
1037	50	Biased-84Hr-Anneal	9.4399	9.245	-0.1949
1038	50	Biased-84Hr-Anneal	8.0373	8.3631	0.3258
1039	50	Biased-84Hr-Anneal	8.7928	7.8305	-0.9623
1040	100	Unbiased-168Hr-Anneal	8.82	8.8188	-0.0012
1041	100	Unbiased-168Hr-Anneal	9.0065	8.9813	-0.0252
1042	100	Unbiased-168Hr-Anneal	9.2115	9.0408	-0.1707
1043	100	Unbiased-168Hr-Anneal	8.4114	8.3858	-0.0256
1044	100	Unbiased-168Hr-Anneal	8.7188	8.5896	-0.1292
1045	100	Biased-168Hr-Anneal	9.1509	7.8754	-1.2755
1046	100	Biased-168Hr-Anneal	9.1228	7.6144	-1.5084
1047	100	Biased-168Hr-Anneal	9.3475	9.1615	-0.186
1048	100	Biased-168Hr-Anneal	8.7094	7.4043	-1.3051
1049	100	Biased-168Hr-Anneal	9.3345	8.0602	-1.2743

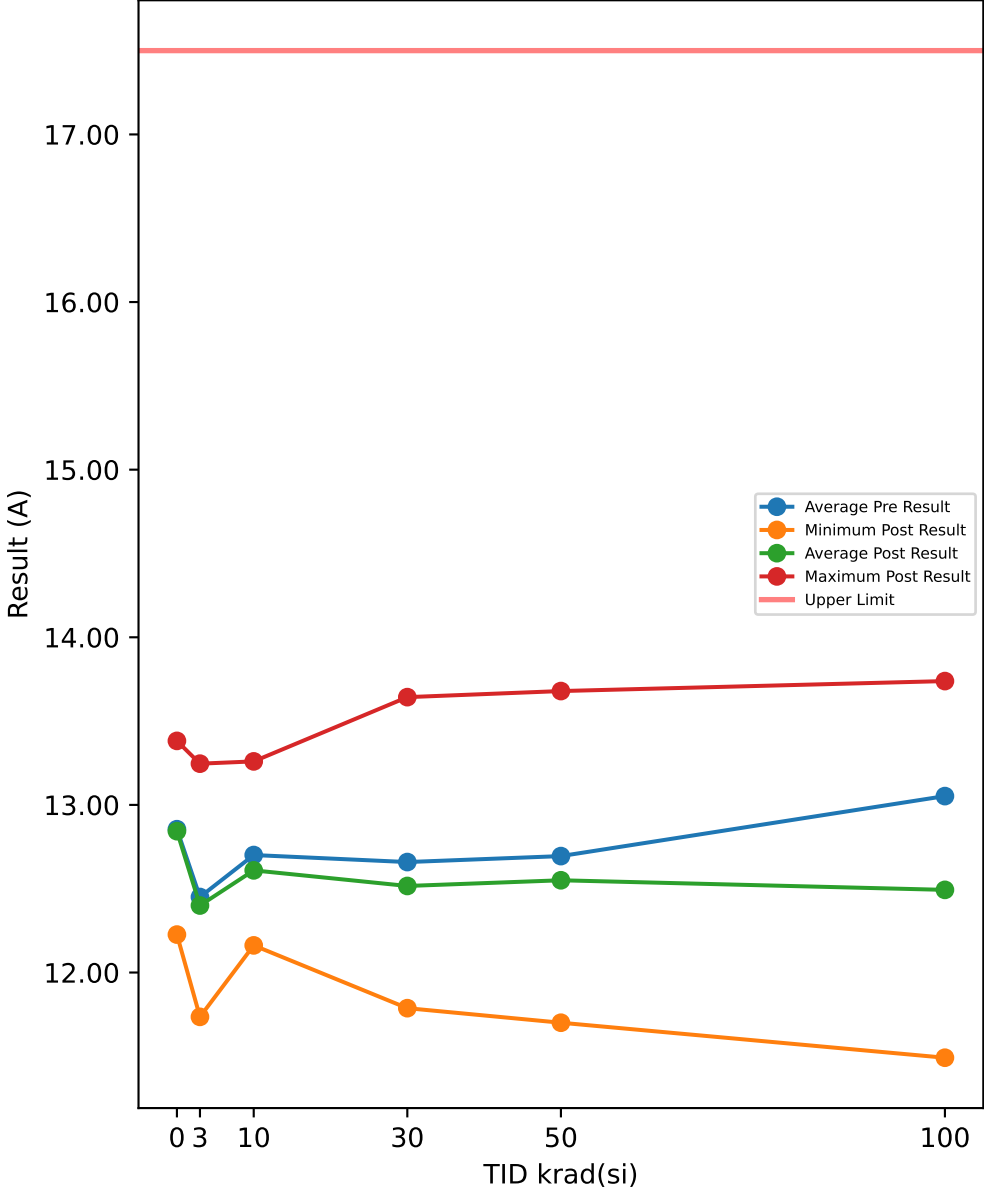
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.5591	8.8239	9.1947	0.23599	8.1354	8.7175	9.232	0.40626	-0.6346	-0.10642	0.0386	0.29558
3	8.0959	8.5532	9.1395	0.39139	8.0309	8.5189	9.1822	0.41027	-0.1304	-0.03434	0.0427	0.054013
10	8.4266	8.7236	9.1475	0.27505	8.2569	8.593	8.973	0.25839	-0.2699	-0.13059	0.048	0.10909
30	8.2843	8.6918	9.7049	0.50062	7.9233	8.5205	9.2843	0.4515	-0.4206	-0.17133	0.0047	0.13841
50	8.0373	8.7019	9.4399	0.38505	7.8305	8.5174	9.245	0.45142	-0.9623	-0.18451	0.3258	0.34095
100	8.4114	8.9833	9.3475	0.3082	7.4043	8.3932	9.1615	0.62705	-1.5084	-0.59012	-0.0012	0.65223

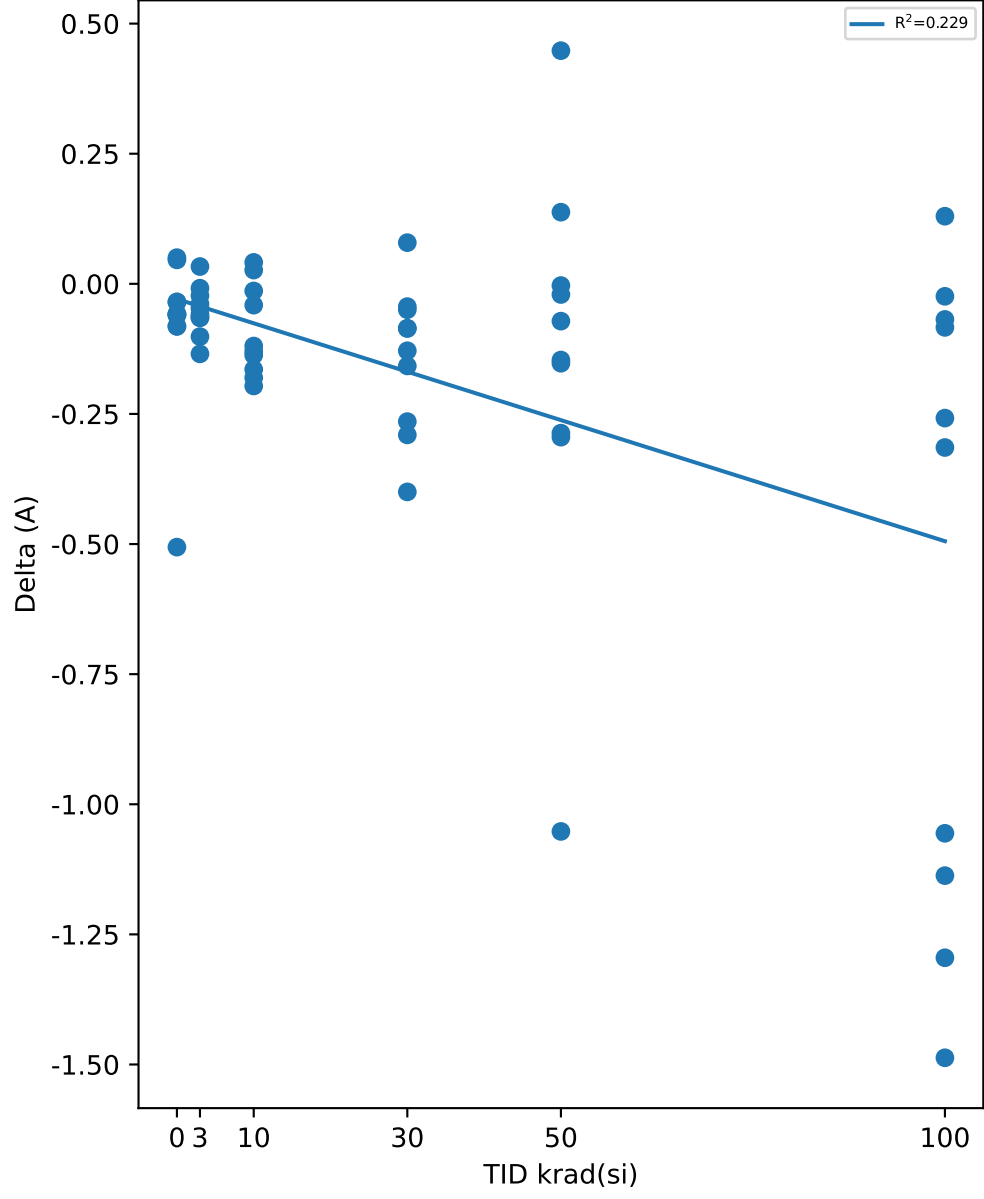
TID vs Result Stats



Test Results (Upper Limit = 17.5 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	12.732	12.226	-0.5059
516	0	CORRELATION	12.837	12.887	0.0503
721	0	CORRELATION	12.747	12.793	0.046
723	0	CORRELATION	13.417	13.359	-0.0579
729	0	CORRELATION	12.543	12.483	-0.0599
1000	3	Unbiased	11.825	11.858	0.0332
1001	3	Unbiased	13.337	13.203	-0.1346
1002	3	Unbiased	12.517	12.494	-0.0228
1003	3	Unbiased	12.061	12.023	-0.0386
1004	3	Unbiased	12.183	12.124	-0.0586
1005	3	Biased	12.469	12.422	-0.047
1006	3	Biased	12.823	12.759	-0.064
1007	3	Biased	13.311	13.246	-0.0654
1008	3	Biased	11.837	11.736	-0.1014
1009	3	Biased	12.142	12.133	-0.0084
1010	10	Unbiased	12.303	12.262	-0.041
1011	10	Unbiased	13.165	13.035	-0.1298
1012	10	Unbiased	12.583	12.625	0.0412
1013	10	Unbiased	12.464	12.49	0.0264
1014	10	Unbiased	12.183	12.17	-0.0137
1015	10	Biased	13.456	13.26	-0.1963
1016	10	Biased	13.097	12.96	-0.1371
1017	10	Biased	12.806	12.687	-0.1195
1018	10	Biased	12.342	12.162	-0.1804
1019	10	Biased	12.609	12.444	-0.1645
1020	30	Unbiased	12.069	11.983	-0.0855
1021	30	Unbiased	12.199	12.278	0.0791
1022	30	Unbiased	12.148	12.104	-0.0438
1023	30	Unbiased	13.22	13.171	-0.0497
1024	30	Unbiased	12.519	12.433	-0.0856
1025	30	Biased	12.078	11.787	-0.2903
1026	30	Biased	12.247	12.118	-0.1286
1027	30	Biased	13.604	13.339	-0.2647
1028	30	Biased	14.043	13.643	-0.3998
1029	30	Biased	12.465	12.307	-0.1578
1030	50	Unbiased	12.876	13.014	0.1377
1031	50	Unbiased	12.621	12.601	-0.0205
1032	50	Unbiased	13.264	13.118	-0.1464
1033	50	Unbiased	12.705	12.702	-0.0033
1034	50	Unbiased	12.518	12.366	-0.1526
1035	50	Biased-84Hr-Anneal	12.366	12.071	-0.2946
1036	50	Biased-84Hr-Anneal	12.228	11.941	-0.2869
1037	50	Biased-84Hr-Anneal	13.751	13.679	-0.0717
1038	50	Biased-84Hr-Anneal	11.864	12.312	0.448
1039	50	Biased-84Hr-Anneal	12.753	11.7	-1.0522
1040	100	Unbiased-168Hr-Anneal	12.851	12.827	-0.024
1041	100	Unbiased-168Hr-Anneal	13.018	12.934	-0.0837
1042	100	Unbiased-168Hr-Anneal	13.305	12.99	-0.3145
1043	100	Unbiased-168Hr-Anneal	12.208	12.14	-0.0684
1044	100	Unbiased-168Hr-Anneal	12.678	12.42	-0.258
1045	100	Biased-168Hr-Anneal	13.288	12.233	-1.0558
1046	100	Biased-168Hr-Anneal	13.238	11.751	-1.4871
1047	100	Biased-168Hr-Anneal	13.609	13.739	0.1299
1048	100	Biased-168Hr-Anneal	12.787	11.492	-1.2949
1049	100	Biased-168Hr-Anneal	13.543	12.406	-1.1371

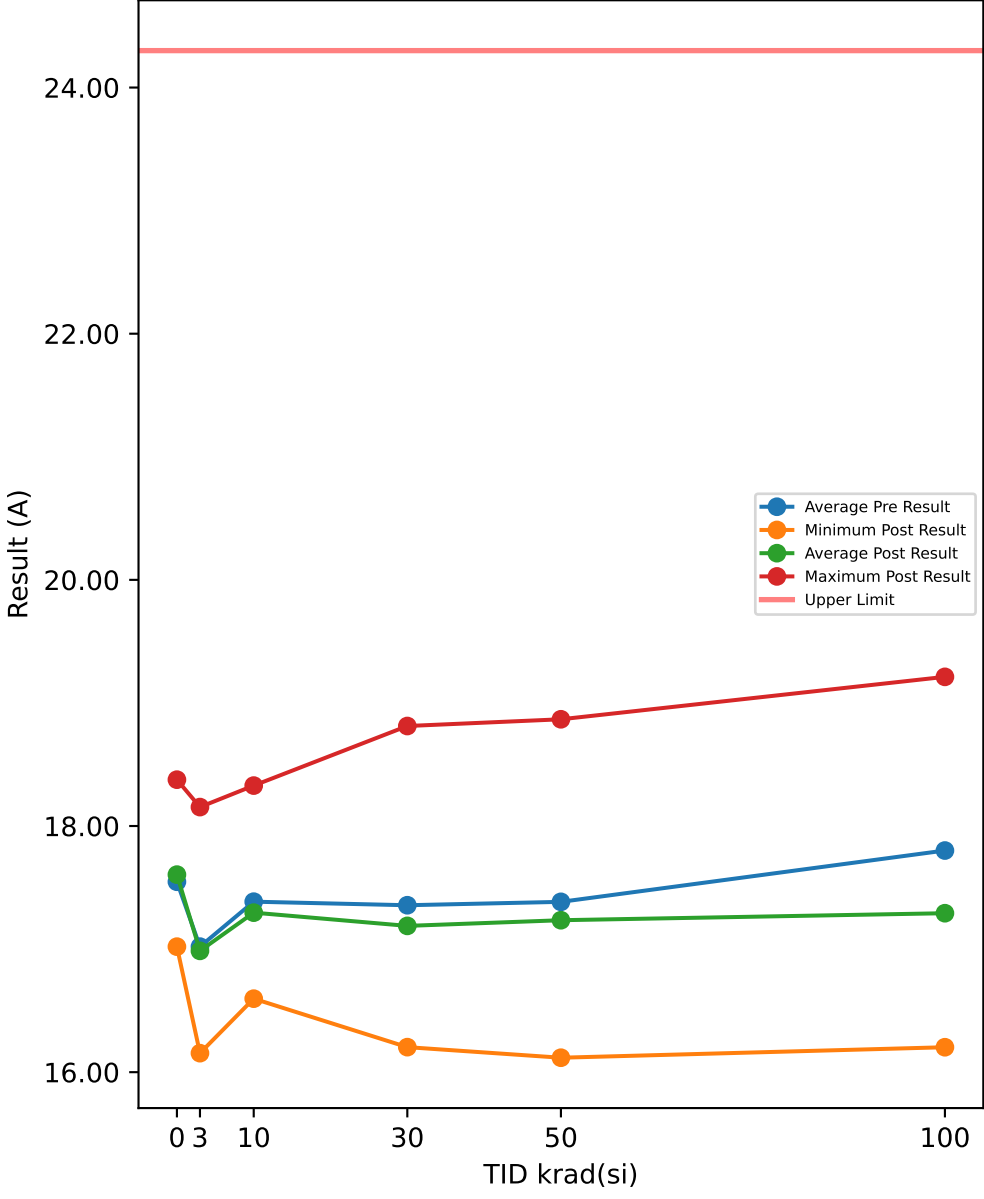
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.543	12.855	13.417	0.33175	12.226	12.75	13.359	0.42919	-0.5059	-0.10548	0.0503	0.23016
3	11.825	12.451	13.337	0.55348	11.736	12.4	13.246	0.52944	-0.1346	-0.05076	0.0332	0.046942
10	12.183	12.701	13.456	0.41991	12.162	12.609	13.26	0.37846	-0.1963	-0.09147	0.0412	0.087342
30	12.069	12.659	14.043	0.70792	11.787	12.516	13.643	0.63484	-0.3998	-0.14267	0.0791	0.14038
50	11.864	12.695	13.751	0.53015	11.7	12.55	13.679	0.60102	-1.0522	-0.14425	0.448	0.38559
100	12.208	13.052	13.609	0.43062	11.492	12.493	13.739	0.65522	-1.4871	-0.55936	0.1299	0.61117

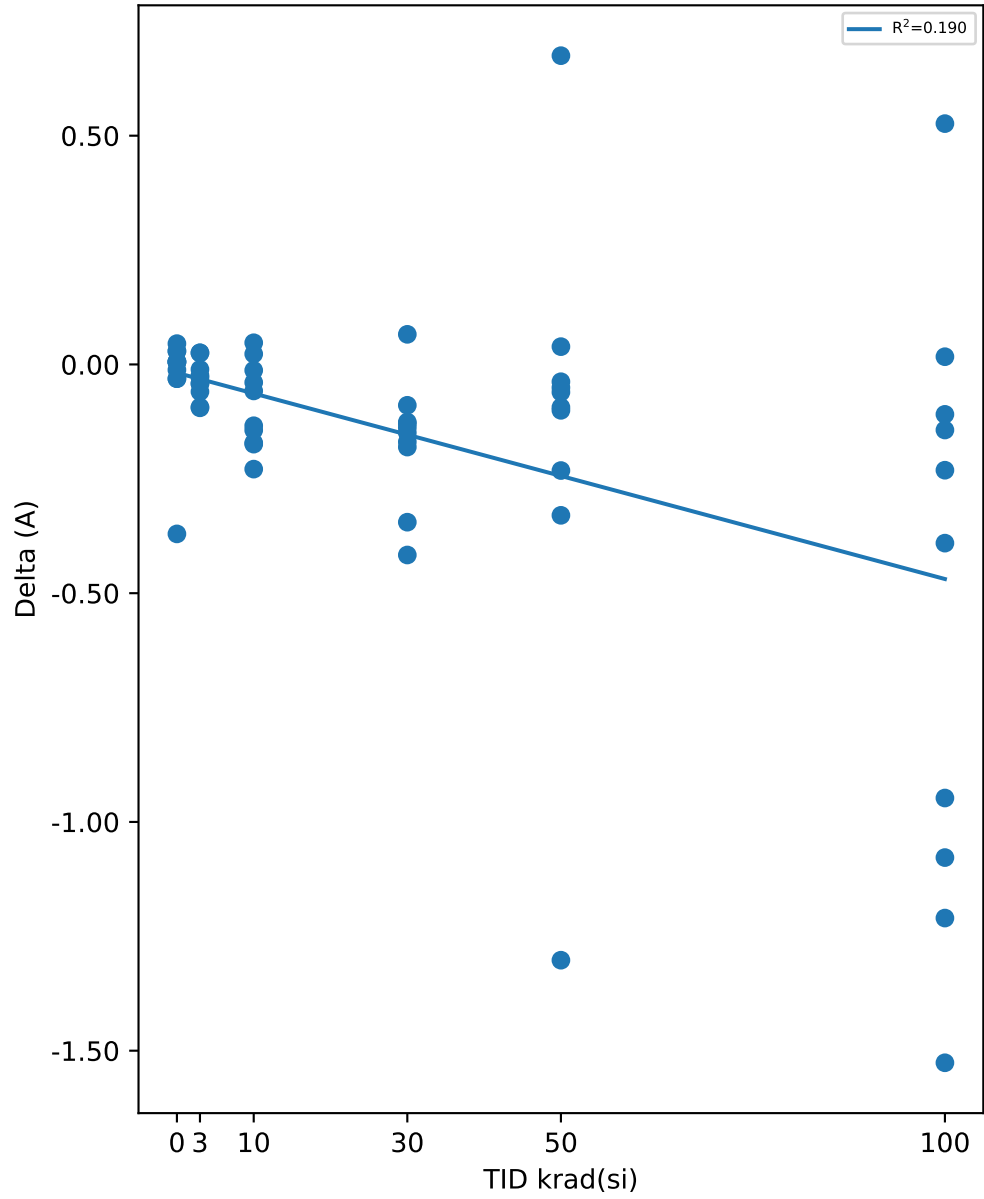
TID vs Result Stats



Test Results (Upper Limit = 24.3 (A))

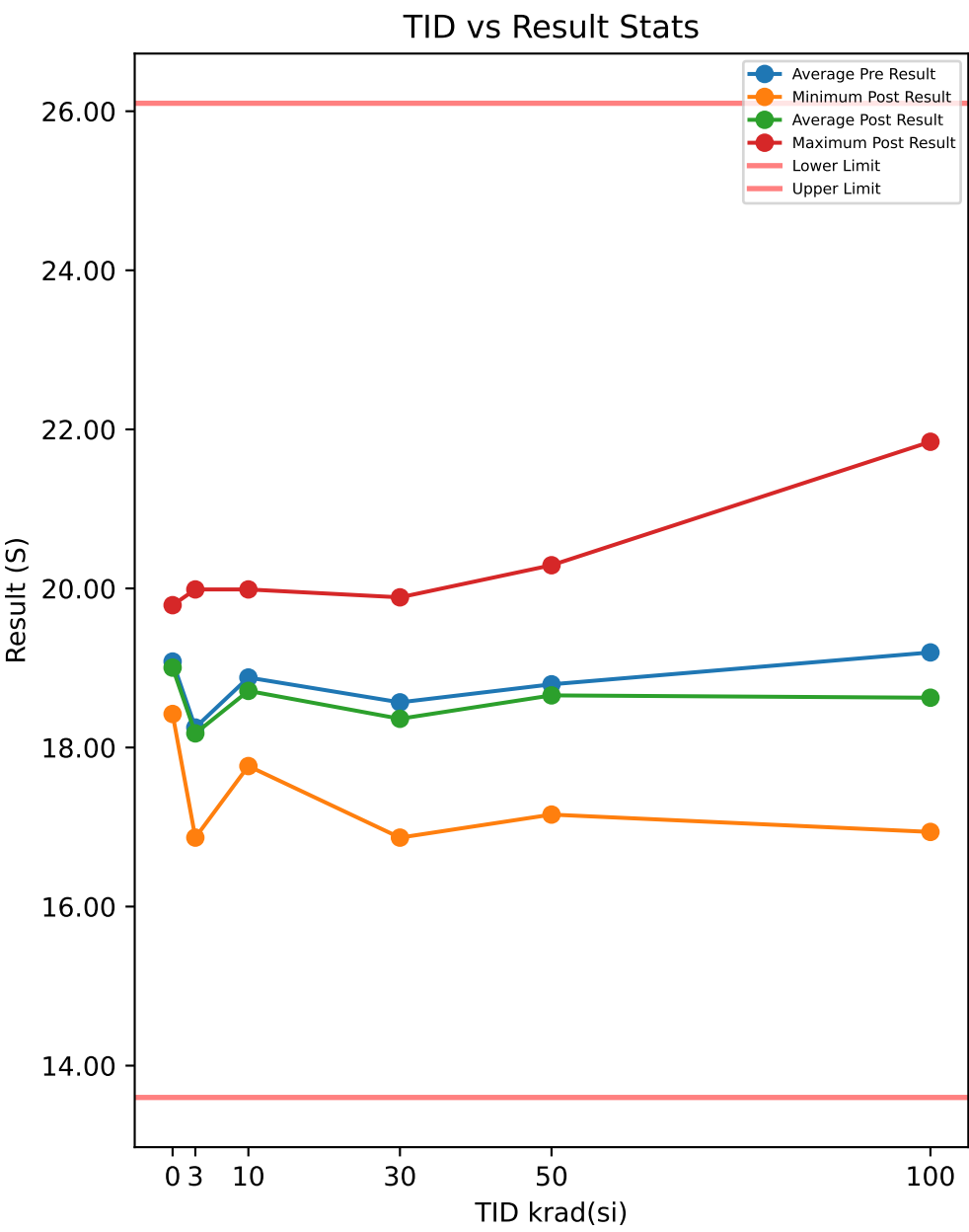
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	17.39	17.02	-0.3704
516	0	CORRELATION	17.482	17.527	0.0455
721	0	CORRELATION	17.451	17.439	-0.0119
723	0	CORRELATION	18.347	18.352	0.0051
729	0	CORRELATION	17.065	17.034	-0.0311
1000	3	Unbiased	16.217	16.242	0.0251
1001	3	Unbiased	18.104	18.009	-0.0948
1002	3	Unbiased	17.119	17.026	-0.0933
1003	3	Unbiased	16.538	16.496	-0.0415
1004	3	Unbiased	16.644	16.669	0.0255
1005	3	Biased	17.093	17.051	-0.0422
1006	3	Biased	17.483	17.423	-0.0595
1007	3	Biased	18.182	18.154	-0.0284
1008	3	Biased	16.179	16.154	-0.0242
1009	3	Biased	16.641	16.63	-0.0108
1010	10	Unbiased	16.805	16.747	-0.0579
1011	10	Unbiased	17.835	17.796	-0.0394
1012	10	Unbiased	17.157	17.205	0.0474
1013	10	Unbiased	17.188	17.211	0.0229
1014	10	Unbiased	16.61	16.597	-0.0129
1015	10	Biased	18.557	18.328	-0.2288
1016	10	Biased	17.89	17.756	-0.134
1017	10	Biased	17.494	17.351	-0.1437
1018	10	Biased	16.99	16.816	-0.1742
1019	10	Biased	17.326	17.155	-0.1714
1020	30	Unbiased	16.597	16.428	-0.1692
1021	30	Unbiased	16.713	16.779	0.0658
1022	30	Unbiased	16.681	16.532	-0.1493
1023	30	Unbiased	18.115	18.026	-0.0893
1024	30	Unbiased	17.137	17.007	-0.1296
1025	30	Biased	16.548	16.203	-0.3448
1026	30	Biased	16.895	16.756	-0.1381
1027	30	Biased	18.576	18.395	-0.1806
1028	30	Biased	19.229	18.812	-0.4165
1029	30	Biased	17.073	16.947	-0.1259
1030	50	Unbiased	17.684	17.723	0.0389
1031	50	Unbiased	17.234	17.141	-0.0936
1032	50	Unbiased	18.141	18.09	-0.0507
1033	50	Unbiased	17.533	17.472	-0.0606
1034	50	Unbiased	17.035	16.935	-0.1003
1035	50	Biased-84Hr-Anneal	16.955	16.625	-0.3298
1036	50	Biased-84Hr-Anneal	16.659	16.427	-0.2319
1037	50	Biased-84Hr-Anneal	18.905	18.867	-0.0378
1038	50	Biased-84Hr-Anneal	16.274	16.948	0.6749
1039	50	Biased-84Hr-Anneal	17.42	16.117	-1.3022
1040	100	Unbiased-168Hr-Anneal	17.521	17.538	0.0169
1041	100	Unbiased-168Hr-Anneal	17.783	17.64	-0.1433
1042	100	Unbiased-168Hr-Anneal	18.062	17.672	-0.3906
1043	100	Unbiased-168Hr-Anneal	16.57	16.461	-0.1091
1044	100	Unbiased-168Hr-Anneal	17.192	16.961	-0.2312
1045	100	Biased-168Hr-Anneal	18.133	17.185	-0.9477
1046	100	Biased-168Hr-Anneal	18.213	16.687	-1.5264
1047	100	Biased-168Hr-Anneal	18.686	19.212	0.5264
1048	100	Biased-168Hr-Anneal	17.413	16.203	-1.2101
1049	100	Biased-168Hr-Anneal	18.436	17.358	-1.0779

TID vs Post - Pre Exposure Delta



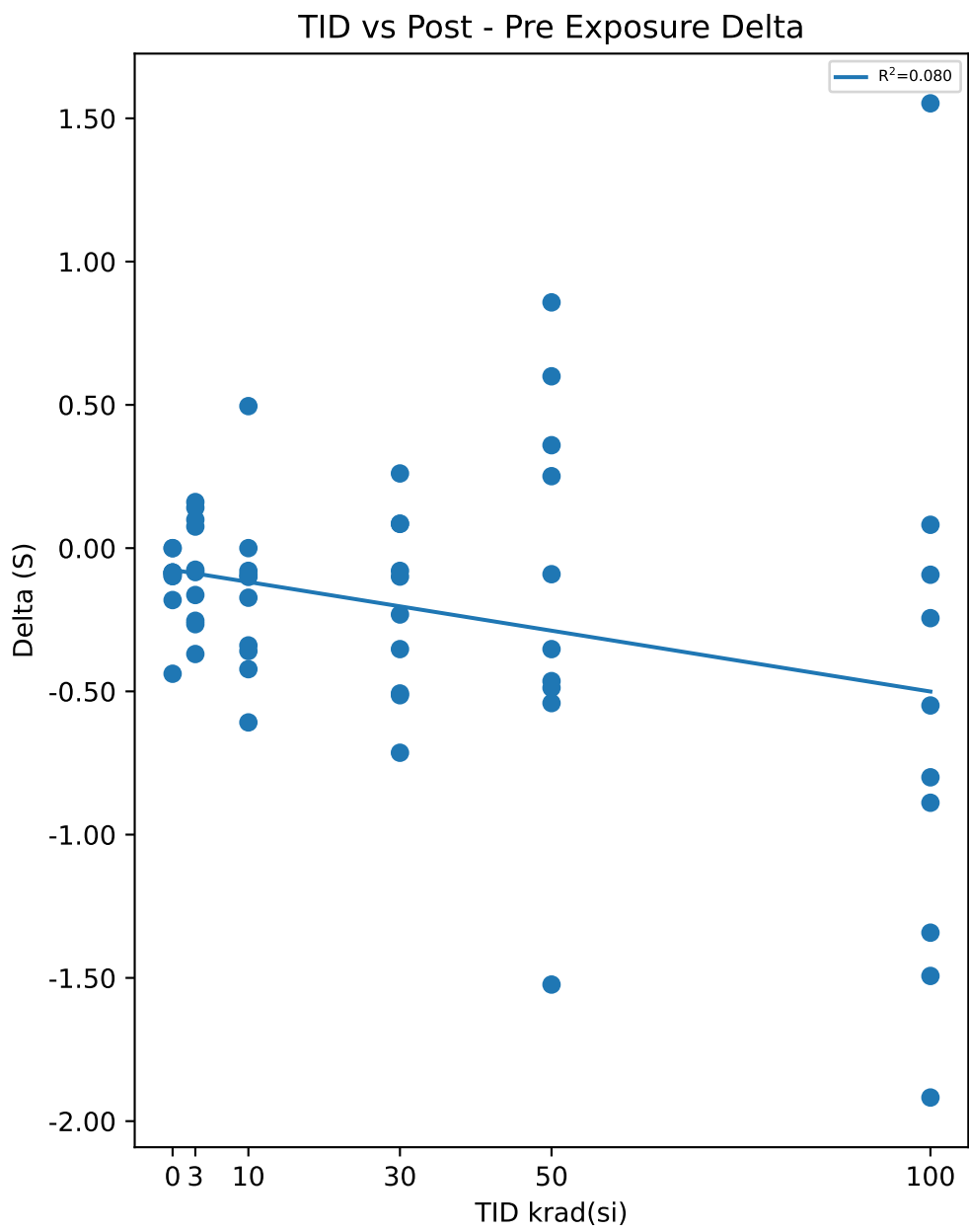
Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.065	17.547	18.347	0.47716	17.02	17.475	18.352	0.54212	-0.3704	-0.07256	0.0455	0.16888
3	16.179	17.02	18.182	0.71689	16.154	16.986	18.154	0.69276	-0.0948	-0.03441	0.0255	0.041745
10	16.61	17.385	18.557	0.58033	16.597	17.296	18.328	0.53607	-0.2288	-0.0892	0.0474	0.093663
30	16.548	17.356	19.229	0.94349	16.203	17.189	18.812	0.89574	-0.4165	-0.16775	0.0658	0.13271
50	16.274	17.384	18.905	0.75184	16.117	17.235	18.867	0.82632	-1.3022	-0.14931	0.6749	0.48521
100	16.57	17.801	18.686	0.6367	16.203	17.291	19.212	0.84198	-1.5264	-0.5093	0.5264	0.64775



Test Results (Lower Limit = 13.6, Upper Limit = 26.1 (S))

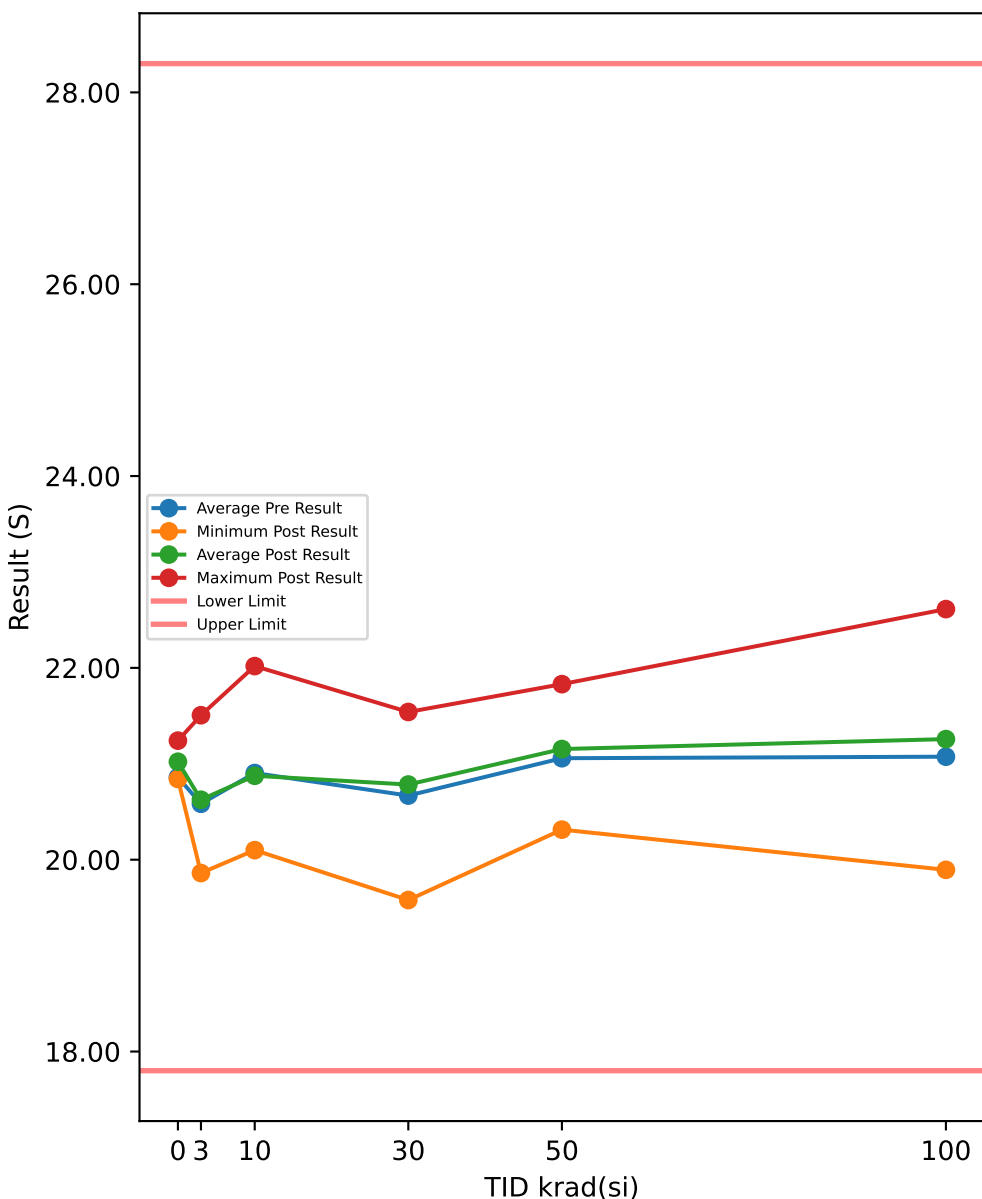
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	18.945	18.507	-0.4385
516	0	CORRELATION	19.036	18.945	-0.0903
721	0	CORRELATION	19.127	18.945	-0.1813
723	0	CORRELATION	19.79	19.79	-0.0001
729	0	CORRELATION	18.507	18.422	-0.0853
1000	3	Unbiased	17.38	17.305	-0.0753
1001	3	Unbiased	19.405	19.036	-0.3696
1002	3	Unbiased	18.337	18.253	-0.0837
1003	3	Unbiased	17.305	17.38	0.0752
1004	3	Unbiased	17.846	18.007	0.1608
1005	3	Biased	18.507	18.253	-0.2536
1006	3	Biased	18.945	18.68	-0.2655
1007	3	Biased	19.888	19.988	0.0994
1008	3	Biased	16.726	16.867	0.1411
1009	3	Biased	18.171	18.007	-0.1637
1010	10	Unbiased	18.593	18.171	-0.4225
1011	10	Unbiased	17.926	18.422	0.4956
1012	10	Unbiased	18.593	18.253	-0.3396
1013	10	Unbiased	19.405	19.312	-0.0937
1014	10	Unbiased	17.846	17.767	-0.0793
1015	10	Biased	20.088	19.988	-0.1005
1016	10	Biased	19.127	18.768	-0.3591
1017	10	Biased	18.68	18.507	-0.1731
1018	10	Biased	18.945	18.337	-0.6083
1019	10	Biased	19.596	19.596	0
1020	30	Unbiased	17.38	16.867	-0.5134
1021	30	Unbiased	18.337	18.422	0.0845
1022	30	Unbiased	17.688	17.456	-0.2317
1023	30	Unbiased	18.507	18.768	0.2606
1024	30	Unbiased	18.945	18.593	-0.3525
1025	30	Biased	18.171	17.456	-0.7142
1026	30	Biased	18.422	18.507	0.0854
1027	30	Biased	19.988	19.888	-0.0994
1028	30	Biased	20.395	19.888	-0.5073
1029	30	Biased	17.846	17.767	-0.0794
1030	50	Unbiased	18.768	19.127	0.3592
1031	50	Unbiased	18.171	18.422	0.2511
1032	50	Unbiased	19.988	19.5	-0.4876
1033	50	Unbiased	19.127	19.036	-0.091
1034	50	Unbiased	19.5	19.036	-0.4642
1035	50	Biased-84Hr-Anneal	18.945	18.593	-0.3525
1036	50	Biased-84Hr-Anneal	17.846	17.305	-0.5409
1037	50	Biased-84Hr-Anneal	19.692	20.292	0.5997
1038	50	Biased-84Hr-Anneal	17.231	18.088	0.8577
1039	50	Biased-84Hr-Anneal	18.68	17.157	-1.5233
1040	100	Unbiased-168Hr-Anneal	18.007	18.088	0.0814
1041	100	Unbiased-168Hr-Anneal	19.405	18.856	-0.5492
1042	100	Unbiased-168Hr-Anneal	19.312	19.219	-0.0929
1043	100	Unbiased-168Hr-Anneal	18.171	17.926	-0.2444
1044	100	Unbiased-168Hr-Anneal	18.422	17.533	-0.8887
1045	100	Biased-168Hr-Anneal	19.596	18.253	-1.3422
1046	100	Biased-168Hr-Anneal	19.5	18.007	-1.4932
1047	100	Biased-168Hr-Anneal	20.292	21.844	1.5524
1048	100	Biased-168Hr-Anneal	18.856	16.939	-1.9175
1049	100	Biased-168Hr-Anneal	20.395	19.596	-0.7999



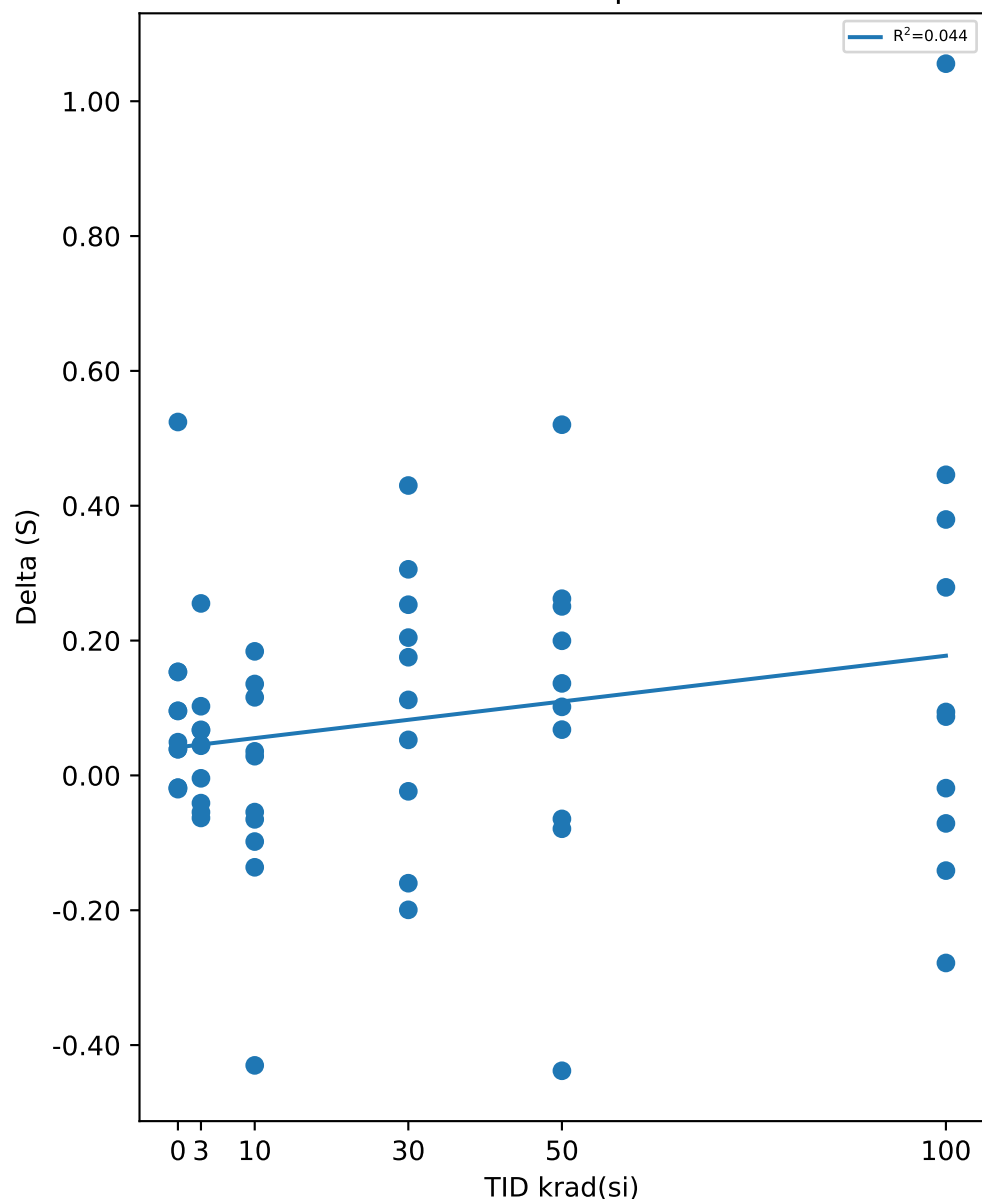
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.507	19.081	19.79	0.46212	18.422	18.922	19.79	0.5423	-0.4385	-0.1591	-0.0001	0.16883
3	16.726	18.251	19.888	0.98412	16.867	18.178	19.988	0.90973	-0.3696	-0.07349	0.1608	0.18802
10	17.846	18.88	20.088	0.70681	17.767	18.712	19.988	0.70191	-0.6083	-0.16805	0.4956	0.30021
30	17.38	18.568	20.395	0.96835	16.867	18.361	19.888	1.0072	-0.7142	-0.20674	0.2606	0.31271
50	17.231	18.795	19.988	0.85691	17.157	18.655	20.292	0.96334	-1.5233	-0.13918	0.8577	0.69061
100	18.007	19.195	20.395	0.82528	16.939	18.626	21.844	1.3762	-1.9175	-0.56942	1.5524	0.98216

TID vs Result Stats



TID vs Post - Pre Exposure Delta

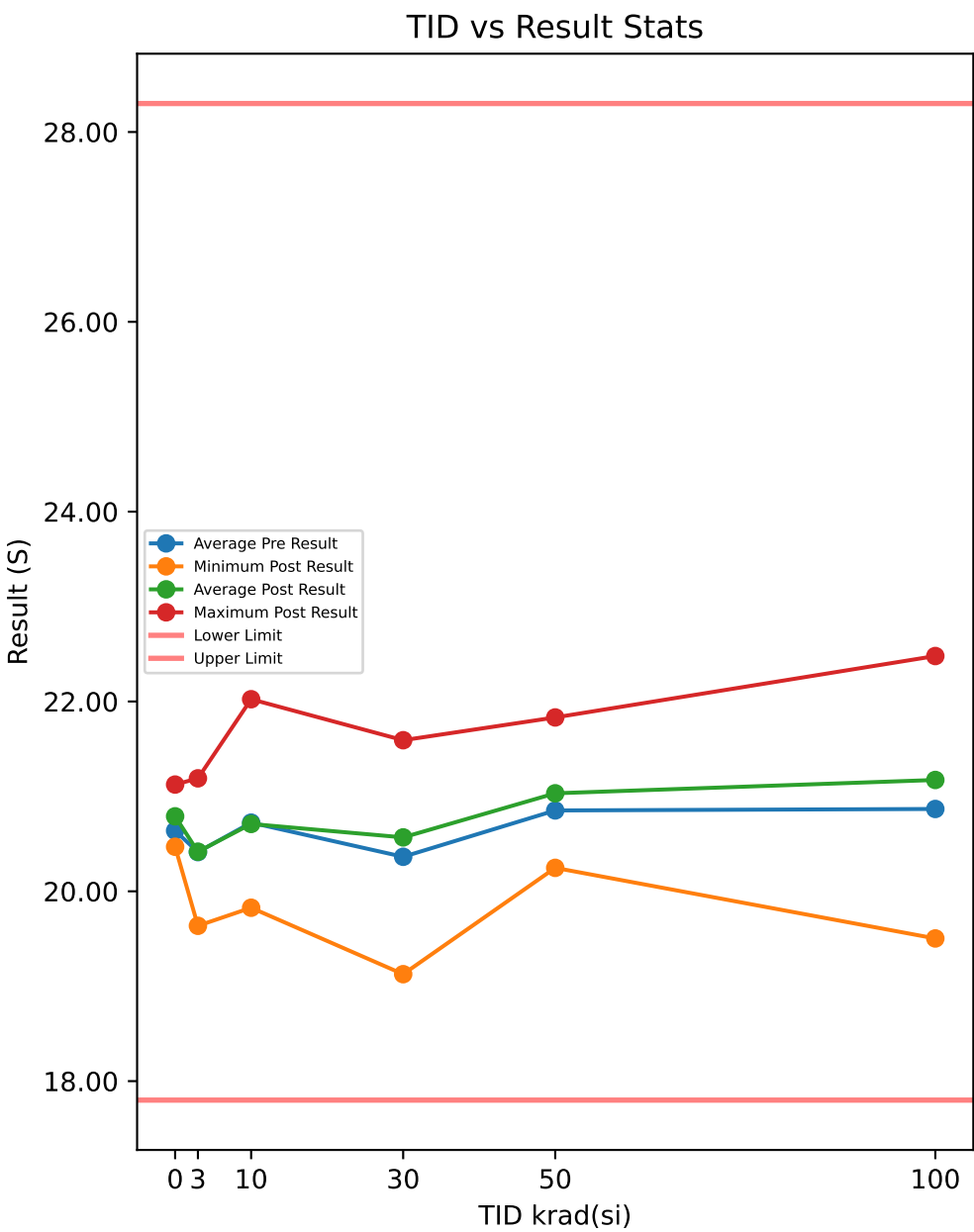


Test Results (Lower Limit = 17.8, Upper Limit = 28.3 (S))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	21.019	20.998	-0.0204
516	0	CORRELATION	20.468	20.992	0.5242
721	0	CORRELATION	20.865	20.915	0.0493
723	0	CORRELATION	21.088	21.183	0.0957
729	0	CORRELATION	20.86	20.899	0.0389
1000	3	Unbiased	20.568	20.564	-0.0043
1001	3	Unbiased	20.917	20.985	0.0676
1002	3	Unbiased	20.52	20.456	-0.0631
1003	3	Unbiased	19.851	20.106	0.2551
1004	3	Unbiased	20.886	20.953	0.0669
1005	3	Biased	19.902	19.861	-0.0411
1006	3	Biased	20.714	20.817	0.1026
1007	3	Biased	21.461	21.506	0.0455
1008	3	Biased	20.003	20.047	0.044
1009	3	Biased	21.011	20.957	-0.0546
1010	10	Unbiased	20.483	20.347	-0.1363
1011	10	Unbiased	20.246	20.43	0.184
1012	10	Unbiased	20.951	20.521	-0.4301
1013	10	Unbiased	21.553	21.455	-0.0981
1014	10	Unbiased	20.064	20.1	0.0357
1015	10	Biased	21.801	21.936	0.1356
1016	10	Biased	20.383	20.318	-0.0652
1017	10	Biased	20.633	20.748	0.1158
1018	10	Biased	20.932	20.877	-0.0544
1019	10	Biased	21.99	22.019	0.0285
1020	30	Unbiased	19.779	19.579	-0.1994
1021	30	Unbiased	20.674	20.927	0.2532
1022	30	Unbiased	20.13	20.334	0.2044
1023	30	Unbiased	20.628	20.741	0.112
1024	30	Unbiased	20.896	21.326	0.43
1025	30	Biased	20.293	20.599	0.3057
1026	30	Biased	21.246	21.298	0.0527
1027	30	Biased	21.365	21.54	0.1753
1028	30	Biased	21.657	21.498	-0.1599
1029	30	Biased	20.018	19.994	-0.0236
1030	50	Unbiased	20.832	21.032	0.1997
1031	50	Unbiased	20.823	20.959	0.1365
1032	50	Unbiased	21.273	21.209	-0.0645
1033	50	Unbiased	21.227	21.478	0.2507
1034	50	Unbiased	21.568	21.83	0.2621
1035	50	Biased-84Hr-Anneal	21.797	21.718	-0.0791
1036	50	Biased-84Hr-Anneal	20.246	20.314	0.0679
1037	50	Biased-84Hr-Anneal	21.716	21.817	0.1017
1038	50	Biased-84Hr-Anneal	20.145	20.665	0.5202
1039	50	Biased-84Hr-Anneal	20.955	20.517	-0.4381
1040	100	Unbiased-168Hr-Anneal	19.913	19.895	-0.0189
1041	100	Unbiased-168Hr-Anneal	20.659	20.938	0.2789
1042	100	Unbiased-168Hr-Anneal	21.178	21.272	0.0941
1043	100	Unbiased-168Hr-Anneal	20.66	21.04	0.3796
1044	100	Unbiased-168Hr-Anneal	20.753	20.475	-0.2782
1045	100	Biased-168Hr-Anneal	21.283	21.729	0.4459
1046	100	Biased-168Hr-Anneal	21.211	21.299	0.0872
1047	100	Biased-168Hr-Anneal	21.557	22.613	1.0557
1048	100	Biased-168Hr-Anneal	20.837	20.766	-0.0712
1049	100	Biased-168Hr-Anneal	22.688	22.547	-0.1412

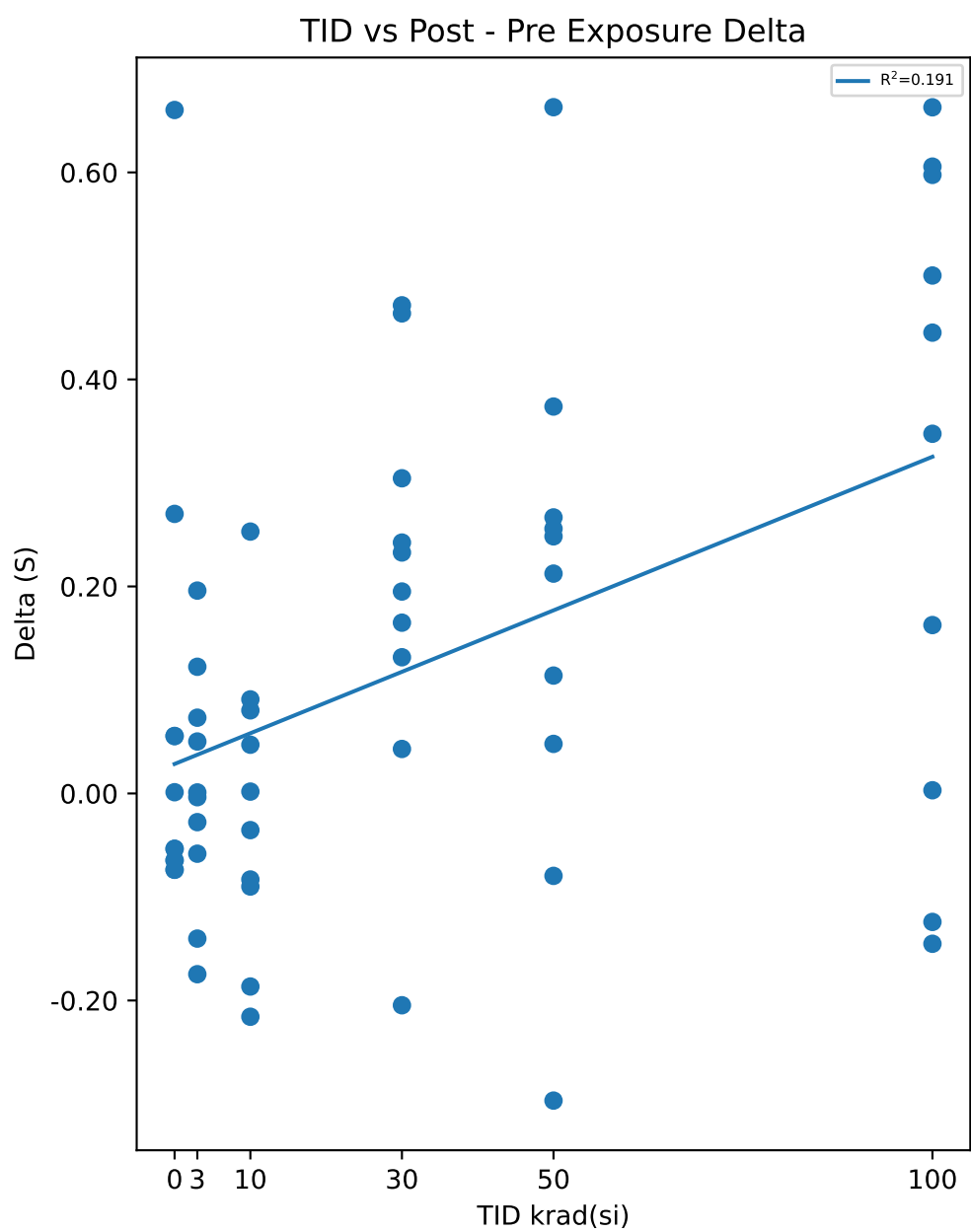
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.468	20.86	21.088	0.24023	20.899	20.998	21.183	0.11316	-0.0204	0.13754	0.5242	0.22007
3	19.851	20.583	21.461	0.5286	19.861	20.625	21.506	0.51421	-0.0631	0.04186	0.2551	0.094164
10	20.064	20.904	21.99	0.6724	20.1	20.875	22.019	0.69129	-0.4301	-0.02845	0.184	0.1764
30	19.779	20.669	21.657	0.62314	19.579	20.784	21.54	0.66436	-0.1994	0.11504	0.43	0.20106
50	20.145	21.058	21.797	0.57006	20.314	21.154	21.83	0.55046	-0.4381	0.09571	0.5202	0.25525
100	19.913	21.074	22.688	0.72745	19.895	21.257	22.613	0.85541	-0.2782	0.18319	1.0557	0.3828



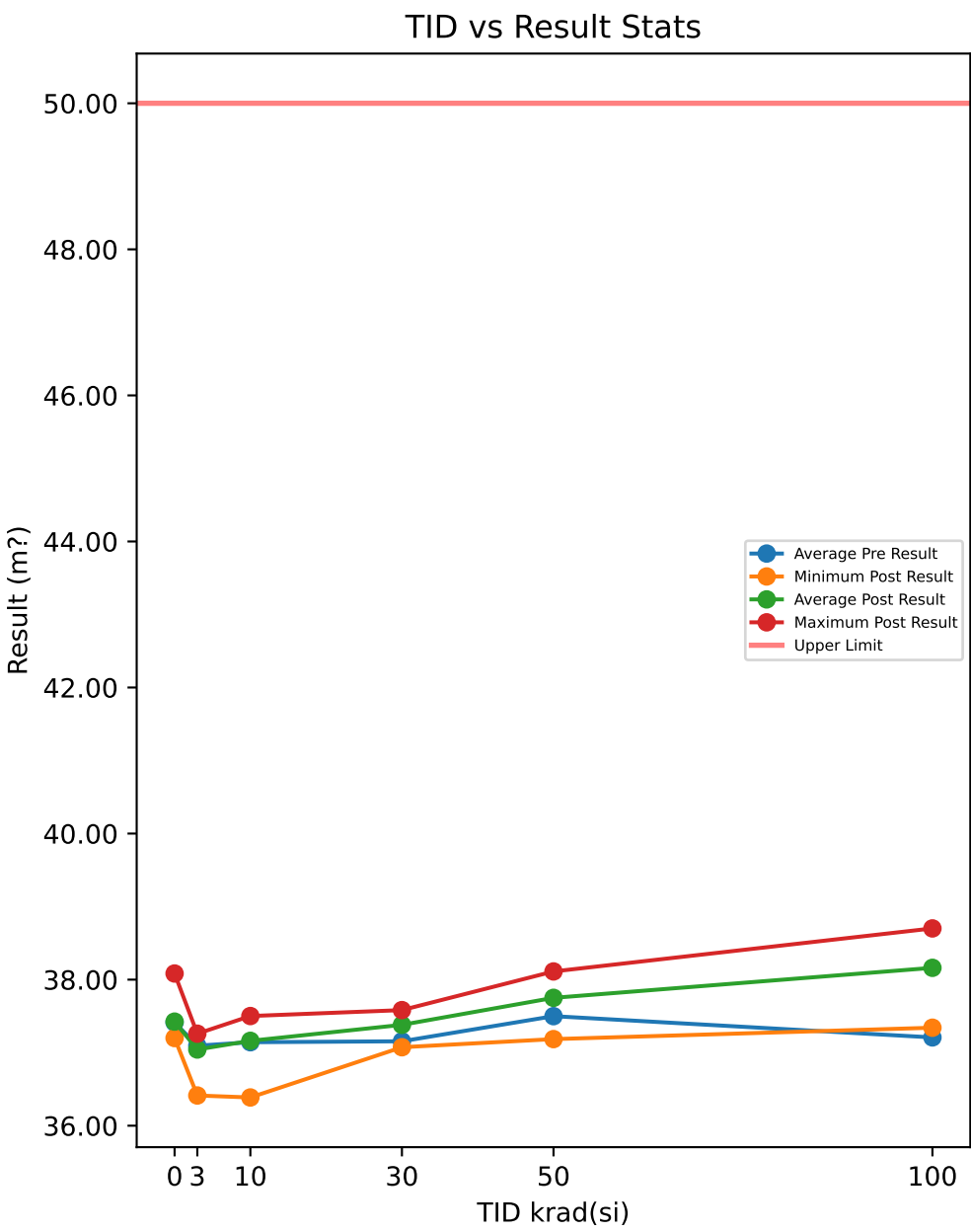
Test Results (Lower Limit = 17.8, Upper Limit = 28.3 (S))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	20.57	20.841	0.2701
516	0	CORRELATION	20.266	20.926	0.6603
721	0	CORRELATION	20.745	20.746	0.0012
723	0	CORRELATION	21.069	21.005	-0.0646
729	0	CORRELATION	20.543	20.49	-0.0535
1000	3	Unbiased	20.365	20.337	-0.0277
1001	3	Unbiased	20.443	20.444	0.001
1002	3	Unbiased	20.242	20.292	0.0502
1003	3	Unbiased	19.675	19.871	0.196
1004	3	Unbiased	20.902	20.844	-0.0582
1005	3	Biased	20.335	20.195	-0.1402
1006	3	Biased	20.59	20.586	-0.0036
1007	3	Biased	21.365	21.19	-0.1746
1008	3	Biased	19.514	19.637	0.1224
1009	3	Biased	20.7	20.774	0.0732
1010	10	Unbiased	20.405	20.219	-0.1865
1011	10	Unbiased	19.723	19.976	0.253
1012	10	Unbiased	20.691	20.476	-0.2157
1013	10	Unbiased	21.524	21.441	-0.0831
1014	10	Unbiased	19.862	19.827	-0.0354
1015	10	Biased	21.735	21.645	-0.0899
1016	10	Biased	20.397	20.398	0.0018
1017	10	Biased	20.444	20.491	0.0471
1018	10	Biased	20.51	20.601	0.0909
1019	10	Biased	21.944	22.024	0.0803
1020	30	Unbiased	19.331	19.127	-0.2046
1021	30	Unbiased	20.429	20.671	0.2424
1022	30	Unbiased	19.801	20.272	0.4716
1023	30	Unbiased	20.223	20.355	0.1316
1024	30	Unbiased	21.006	21.311	0.3045
1025	30	Biased	19.999	20.463	0.4638
1026	30	Biased	20.84	21.005	0.165
1027	30	Biased	21.004	21.237	0.2328
1028	30	Biased	21.397	21.592	0.1951
1029	30	Biased	19.605	19.648	0.043
1030	50	Unbiased	20.42	20.793	0.3738
1031	50	Unbiased	20.323	20.579	0.2558
1032	50	Unbiased	21.329	21.249	-0.0796
1033	50	Unbiased	21.297	21.51	0.2124
1034	50	Unbiased	21.565	21.832	0.2667
1035	50	Biased-84Hr-Anneal	21.595	21.709	0.1139
1036	50	Biased-84Hr-Anneal	19.999	20.247	0.2484
1037	50	Biased-84Hr-Anneal	21.479	21.527	0.0479
1038	50	Biased-84Hr-Anneal	19.904	20.567	0.663
1039	50	Biased-84Hr-Anneal	20.609	20.312	-0.2967
1040	100	Unbiased-168Hr-Anneal	19.5	19.503	0.0031
1041	100	Unbiased-168Hr-Anneal	20.514	20.862	0.3475
1042	100	Unbiased-168Hr-Anneal	20.772	21.378	0.6056
1043	100	Unbiased-168Hr-Anneal	20.45	20.895	0.4452
1044	100	Unbiased-168Hr-Anneal	20.342	20.218	-0.1241
1045	100	Biased-168Hr-Anneal	21.12	21.718	0.5976
1046	100	Biased-168Hr-Anneal	21.203	21.704	0.5004
1047	100	Biased-168Hr-Anneal	21.563	22.226	0.6629
1048	100	Biased-168Hr-Anneal	20.585	20.747	0.1627
1049	100	Biased-168Hr-Anneal	22.624	22.479	-0.1452



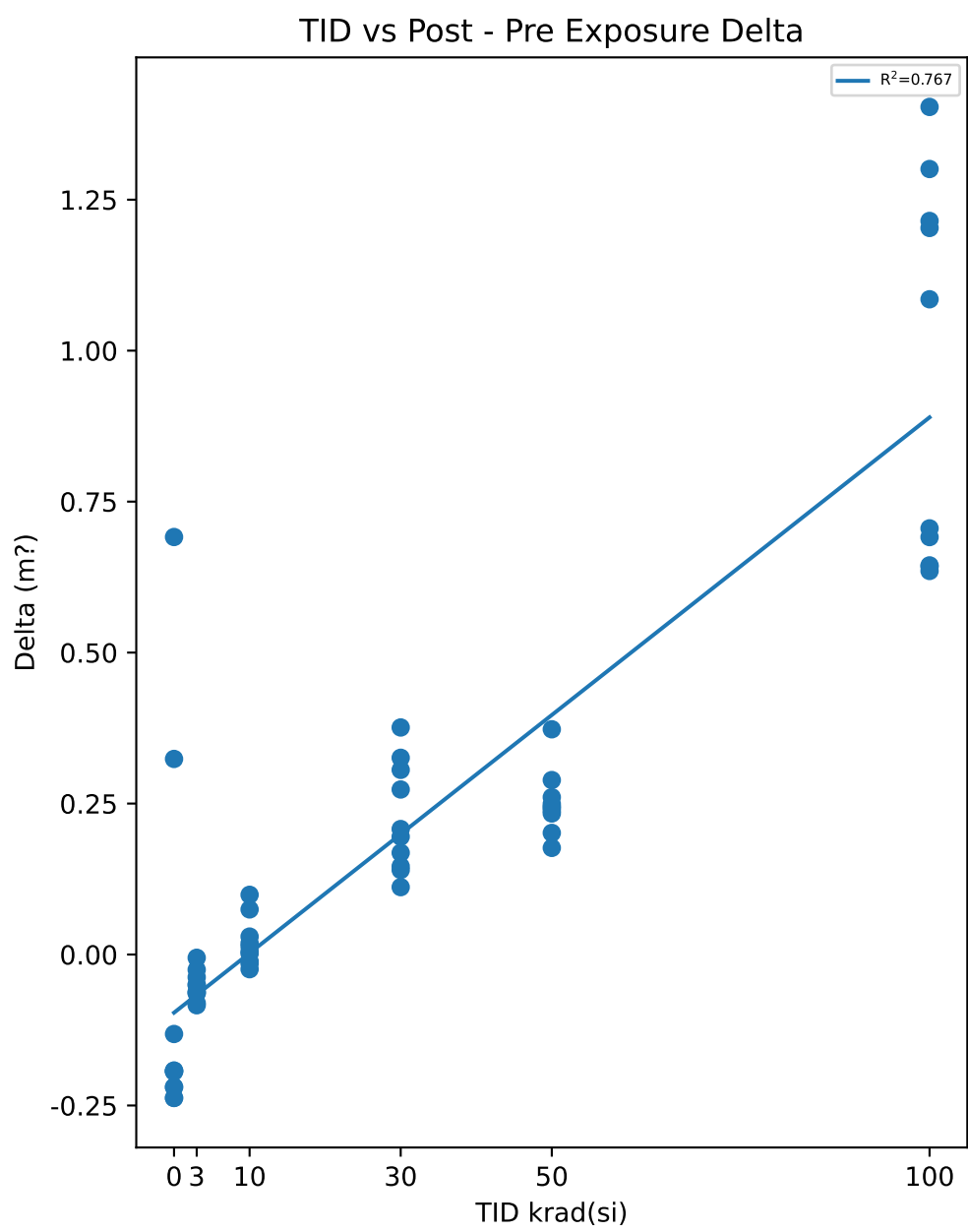
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.266	20.639	21.069	0.29558	20.49	20.801	21.005	0.19911	-0.0646	0.1627	0.6603	0.30969
3	19.514	20.413	21.365	0.5426	19.637	20.417	21.19	0.46124	-0.1746	0.00385	0.196	0.11325
10	19.723	20.723	21.944	0.76222	19.827	20.71	22.024	0.73841	-0.2157	-0.01375	0.253	0.14008
30	19.331	20.364	21.397	0.68576	19.127	20.568	21.592	0.7686	-0.2046	0.20452	0.4716	0.19755
50	19.904	20.852	21.595	0.66936	20.247	21.033	21.832	0.59918	-0.2967	0.18056	0.663	0.25955
100	19.5	20.867	22.624	0.83535	19.503	21.173	22.479	0.91229	-0.1452	0.30557	0.6629	0.30946



Test Results (Upper Limit = 50.0 (m?))

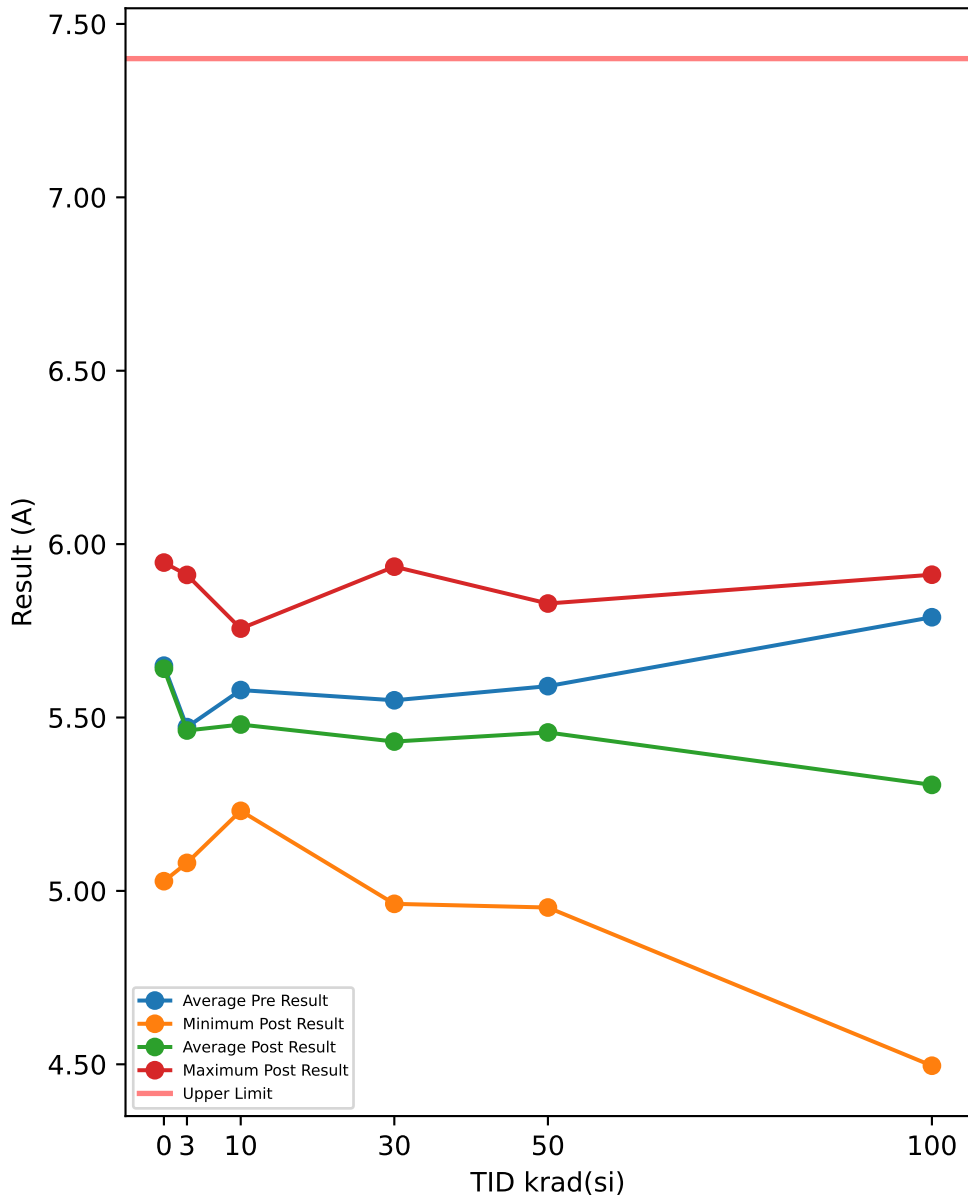
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	37.392	38.084	0.6914
516	0	CORRELATION	37.208	37.532	0.3239
721	0	CORRELATION	37.332	37.2	-0.1316
723	0	CORRELATION	37.644	37.45	-0.1937
729	0	CORRELATION	37.492	37.3	-0.1923
1000	3	Unbiased	37.221	37.196	-0.0251
1001	3	Unbiased	36.463	36.414	-0.0496
1002	3	Unbiased	37.222	37.142	-0.0803
1003	3	Unbiased	37.128	37.091	-0.0376
1004	3	Unbiased	37.321	37.237	-0.084
1005	3	Biased	37.18	37.174	-0.0054
1006	3	Biased	37.31	37.26	-0.0506
1007	3	Biased	37.038	36.975	-0.0632
1008	3	Biased	36.865	36.803	-0.0616
1009	3	Biased	37.205	37.141	-0.0642
1010	10	Unbiased	36.288	36.386	0.0989
1011	10	Unbiased	36.855	36.857	0.0016
1012	10	Unbiased	37.517	37.502	-0.0149
1013	10	Unbiased	37.289	37.318	0.0297
1014	10	Unbiased	37.203	37.208	0.0049
1015	10	Biased	37.311	37.329	0.0187
1016	10	Biased	37.378	37.452	0.0747
1017	10	Biased	37.293	37.269	-0.0243
1018	10	Biased	37.004	37.017	0.0133
1019	10	Biased	37.294	37.283	-0.0112
1020	30	Unbiased	36.903	37.209	0.3058
1021	30	Unbiased	37.063	37.439	0.376
1022	30	Unbiased	37.375	37.583	0.2078
1023	30	Unbiased	36.928	37.074	0.146
1024	30	Unbiased	37.071	37.211	0.14
1025	30	Biased	37.078	37.404	0.3258
1026	30	Biased	37.298	37.571	0.2733
1027	30	Biased	37.361	37.556	0.1952
1028	30	Biased	37.355	37.523	0.1685
1029	30	Biased	37.128	37.24	0.1116
1030	50	Unbiased	37.234	37.468	0.2336
1031	50	Unbiased	36.984	37.186	0.2014
1032	50	Unbiased	37.24	37.483	0.2427
1033	50	Unbiased	37.434	37.695	0.2605
1034	50	Unbiased	37.401	37.577	0.1766
1035	50	Biased-84Hr-Anneal	37.644	37.933	0.2889
1036	50	Biased-84Hr-Anneal	37.721	37.971	0.2493
1037	50	Biased-84Hr-Anneal	37.778	38.022	0.2448
1038	50	Biased-84Hr-Anneal	37.822	38.06	0.2379
1039	50	Biased-84Hr-Anneal	37.739	38.112	0.373
1040	100	Unbiased-168Hr-Anneal	36.699	37.342	0.6426
1041	100	Unbiased-168Hr-Anneal	37.356	38.061	0.7057
1042	100	Unbiased-168Hr-Anneal	37.305	37.949	0.6444
1043	100	Unbiased-168Hr-Anneal	37.187	37.822	0.6352
1044	100	Unbiased-168Hr-Anneal	37.241	37.933	0.6913
1045	100	Biased-168Hr-Anneal	37.314	38.615	1.3008
1046	100	Biased-168Hr-Anneal	37.485	38.688	1.2032
1047	100	Biased-168Hr-Anneal	37.298	38.701	1.4036
1048	100	Biased-168Hr-Anneal	36.987	38.072	1.0851
1049	100	Biased-168Hr-Anneal	37.218	38.433	1.2148



Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	37.208	37.414	37.644	0.16504	37.2	37.513	38.084	0.34396	-0.1937	0.09954	0.6914	0.39535
3	36.463	37.095	37.321	0.25937	36.414	37.043	37.26	0.25934	-0.084	-0.05216	-0.0054	0.02427
10	36.288	37.143	37.517	0.35386	36.386	37.162	37.502	0.33266	-0.0243	0.01914	0.0989	0.039541
30	36.903	37.156	37.375	0.17889	37.074	37.381	37.583	0.18384	0.1116	0.225	0.376	0.089768
50	36.984	37.5	37.822	0.28398	37.186	37.751	38.112	0.3137	0.1766	0.25087	0.373	0.052695
100	36.699	37.209	37.485	0.22018	37.342	38.162	38.701	0.44096	0.6352	0.95267	1.4036	0.31532

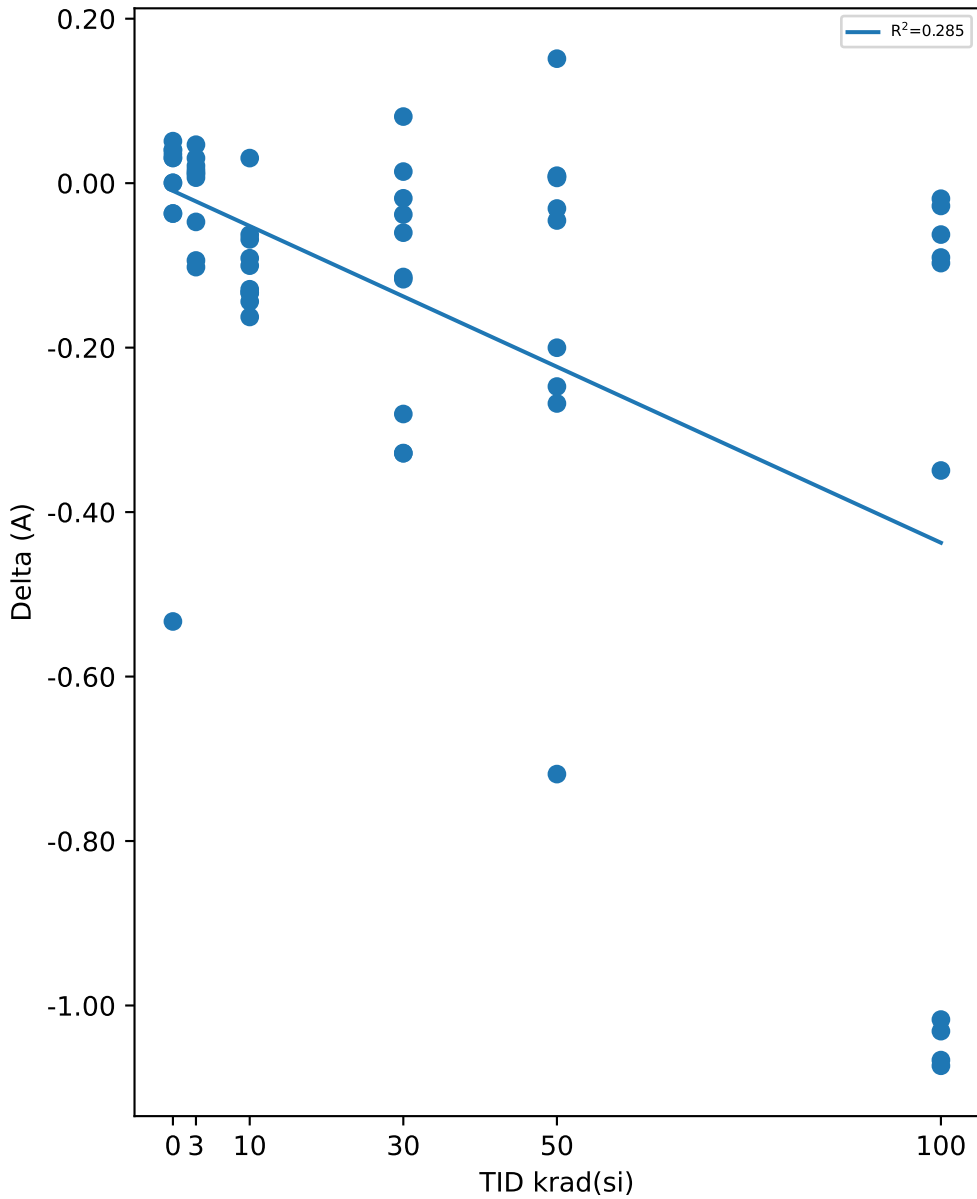
TID vs Result Stats



Test Results (Upper Limit = 7.4 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.561	5.028	-0.533
516	0	CORRELATION	5.7195	5.7706	0.0511
721	0	CORRELATION	5.5747	5.6101	0.0354
723	0	CORRELATION	5.9161	5.9468	0.0307
729	0	CORRELATION	5.4763	5.4767	0.0004
1000	3	Unbiased	5.1162	5.1325	0.0163
1001	3	Unbiased	5.7935	5.8403	0.0468
1002	3	Unbiased	5.5318	5.5529	0.0211
1003	3	Unbiased	5.2078	5.2383	0.0305
1004	3	Unbiased	5.3839	5.3906	0.0067
1005	3	Biased	5.5875	5.5404	-0.0471
1006	3	Biased	5.7493	5.6553	-0.094
1007	3	Biased	5.8984	5.9112	0.0128
1008	3	Biased	5.1829	5.0808	-0.1021
1009	3	Biased	5.2718	5.2828	0.011
1010	10	Unbiased	5.3691	5.2778	-0.0913
1011	10	Unbiased	5.7113	5.611	-0.1003
1012	10	Unbiased	5.544	5.5745	0.0305
1013	10	Unbiased	5.5169	5.4542	-0.0627
1014	10	Unbiased	5.4661	5.3978	-0.0683
1015	10	Biased	5.8382	5.7047	-0.1335
1016	10	Biased	5.8854	5.7564	-0.129
1017	10	Biased	5.6271	5.4644	-0.1627
1018	10	Biased	5.3748	5.2309	-0.1439
1019	10	Biased	5.4588	5.326	-0.1328
1020	30	Unbiased	5.327	5.2668	-0.0602
1021	30	Unbiased	5.2819	5.3629	0.081
1022	30	Unbiased	5.3747	5.3563	-0.0184
1023	30	Unbiased	5.7192	5.7333	0.0141
1024	30	Unbiased	5.5055	5.4674	-0.0381
1025	30	Biased	5.2909	4.9627	-0.3282
1026	30	Biased	5.2443	5.1275	-0.1168
1027	30	Biased	6.0618	5.7811	-0.2807
1028	30	Biased	6.2635	5.935	-0.3285
1029	30	Biased	5.4279	5.3138	-0.1141
1030	50	Unbiased	5.7187	5.7251	0.0064
1031	50	Unbiased	5.5257	5.5339	0.0082
1032	50	Unbiased	5.8431	5.7977	-0.0454
1033	50	Unbiased	5.6069	5.616	0.0091
1034	50	Unbiased	5.6071	5.5763	-0.0308
1035	50	Biased-84Hr-Anneal	5.3871	5.1192	-0.2679
1036	50	Biased-84Hr-Anneal	5.3671	5.1198	-0.2473
1037	50	Biased-84Hr-Anneal	6.0288	5.8287	-0.2001
1038	50	Biased-84Hr-Anneal	5.1492	5.3006	0.1514
1039	50	Biased-84Hr-Anneal	5.6707	4.9521	-0.7186
1040	100	Unbiased-168Hr-Anneal	5.6463	5.6274	-0.0189
1041	100	Unbiased-168Hr-Anneal	5.9228	5.8256	-0.0972
1042	100	Unbiased-168Hr-Anneal	5.9395	5.9118	-0.0277
1043	100	Unbiased-168Hr-Anneal	5.4041	5.3416	-0.0625
1044	100	Unbiased-168Hr-Anneal	5.5933	5.5029	-0.0904
1045	100	Biased-168Hr-Anneal	5.9072	4.876	-1.0312
1046	100	Biased-168Hr-Anneal	5.8622	4.7958	-1.0664
1047	100	Biased-168Hr-Anneal	6.0544	5.705	-0.3494
1048	100	Biased-168Hr-Anneal	5.5692	4.4959	-1.0733
1049	100	Biased-168Hr-Anneal	5.9924	4.9753	-1.0171

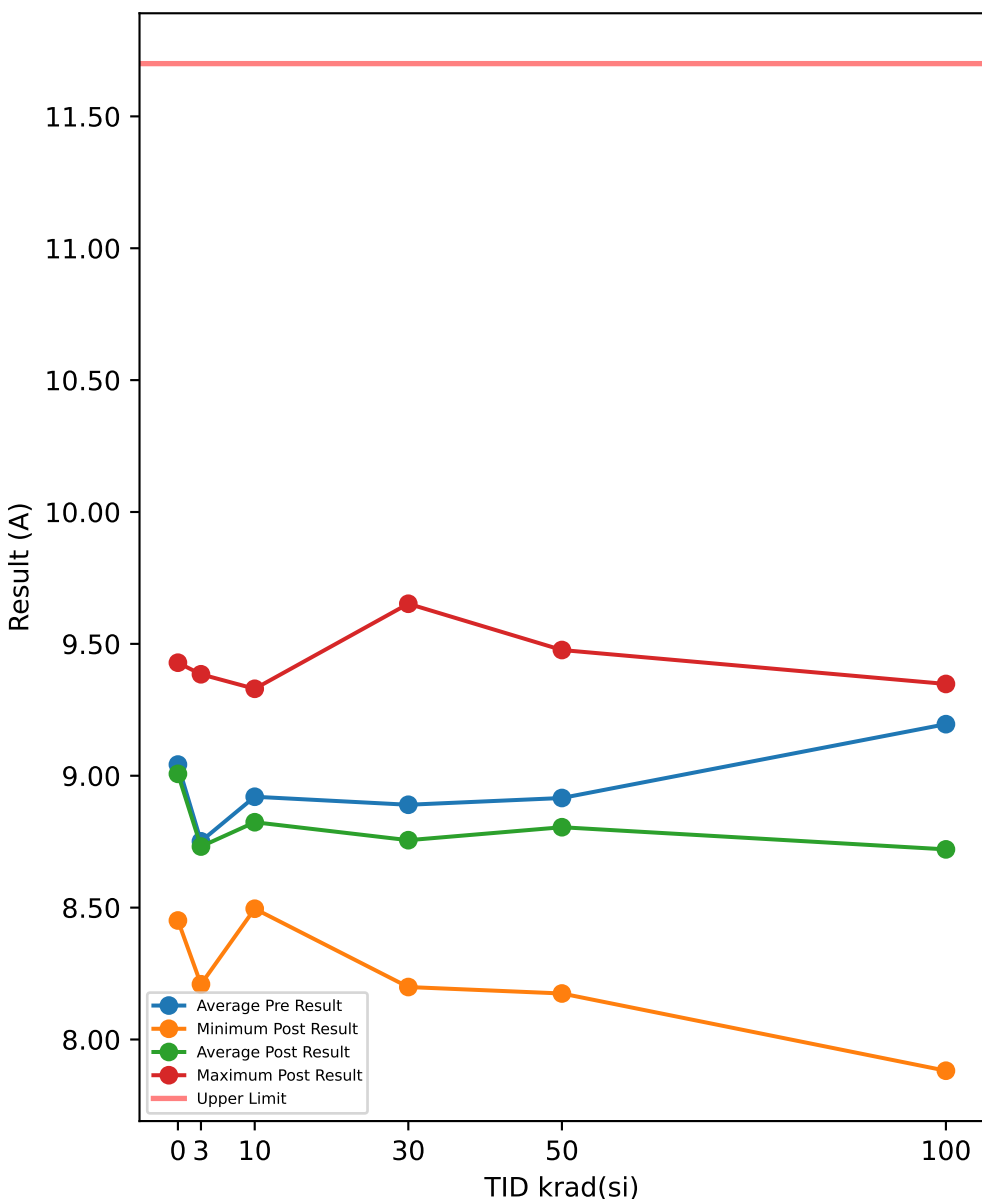
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4763	5.6495	5.9161	0.17277	5.028	5.5664	5.9468	0.34865	-0.533	-0.08308	0.0511	0.25218
3	5.1162	5.4723	5.8984	0.28024	5.0808	5.4625	5.9112	0.28632	-0.1021	-0.0098	0.0468	0.052366
10	5.3691	5.5792	5.8854	0.18224	5.2309	5.4798	5.7564	0.17867	-0.1627	-0.0994	0.0305	0.056171
30	5.2443	5.5497	6.2635	0.35425	4.9627	5.4307	5.935	0.30398	-0.3285	-0.11899	0.081	0.14593
50	5.1492	5.5904	6.0288	0.25156	4.9521	5.4569	5.8287	0.31247	-0.7186	-0.1335	0.1514	0.24433
100	5.4041	5.7891	6.0544	0.21777	4.4959	5.3057	5.9118	0.4888	-1.0733	-0.48341	-0.0189	0.49384

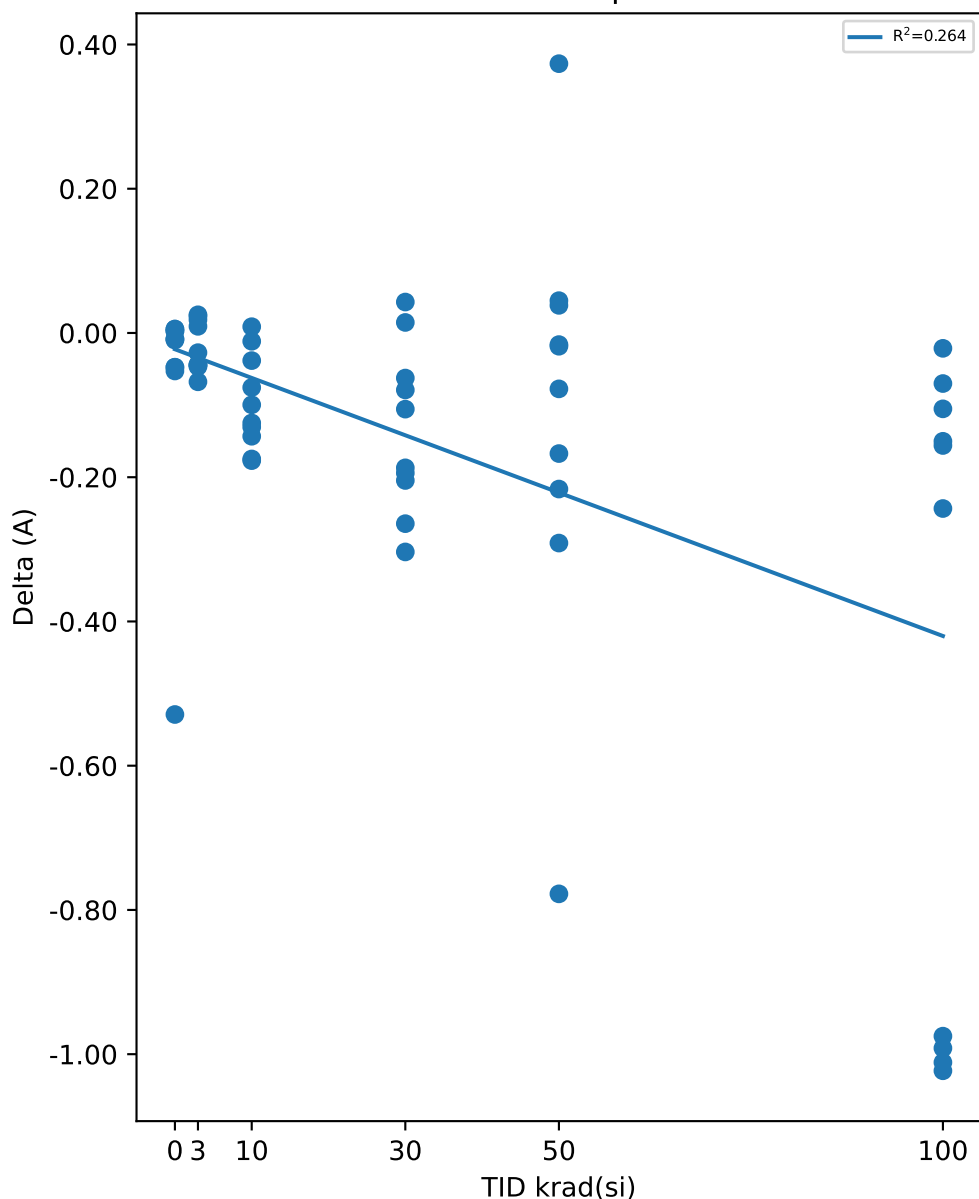
TID vs Result Stats



Test Results (Upper Limit = 11.7 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	8.9802	8.4512	-0.529
516	0	CORRELATION	9.1156	9.0629	-0.0527
721	0	CORRELATION	8.9317	8.9218	-0.0099
723	0	CORRELATION	9.4232	9.4258	0.0026
729	0	CORRELATION	8.7615	8.714	-0.0475
1000	3	Unbiased	8.2934	8.3168	0.0234
1001	3	Unbiased	9.2757	9.2291	-0.0466
1002	3	Unbiased	8.8346	8.8073	-0.0273
1003	3	Unbiased	8.415	8.4334	0.0184
1004	3	Unbiased	8.5477	8.5729	0.0252
1005	3	Biased	8.8495	8.8587	0.0092
1006	3	Biased	9.0735	9.0294	-0.0441
1007	3	Biased	9.4296	9.3847	-0.0449
1008	3	Biased	8.2771	8.2094	-0.0677
1009	3	Biased	8.5177	8.4739	-0.0438
1010	10	Unbiased	8.5954	8.4958	-0.0996
1011	10	Unbiased	9.0907	8.9603	-0.1304
1012	10	Unbiased	8.8233	8.785	-0.0383
1013	10	Unbiased	8.819	8.8277	0.0087
1014	10	Unbiased	8.5956	8.5841	-0.0115
1015	10	Biased	9.4729	9.3297	-0.1432
1016	10	Biased	9.3737	9.1967	-0.177
1017	10	Biased	9.0171	8.8424	-0.1747
1018	10	Biased	8.5873	8.5117	-0.0756
1019	10	Biased	8.8288	8.704	-0.1248
1020	30	Unbiased	8.5371	8.4581	-0.079
1021	30	Unbiased	8.5453	8.5882	0.0429
1022	30	Unbiased	8.6083	8.5027	-0.1056
1023	30	Unbiased	9.129	9.1436	0.0146
1024	30	Unbiased	8.8409	8.7784	-0.0625
1025	30	Biased	8.5025	8.1989	-0.3036
1026	30	Biased	8.5496	8.3554	-0.1942
1027	30	Biased	9.5232	9.3187	-0.2045
1028	30	Biased	9.9165	9.6521	-0.2644
1029	30	Biased	8.7474	8.5604	-0.187
1030	50	Unbiased	9.0449	9.0897	0.0448
1031	50	Unbiased	8.7977	8.7816	-0.0161
1032	50	Unbiased	9.2966	9.2782	-0.0184
1033	50	Unbiased	8.9836	9.0219	0.0383
1034	50	Unbiased	8.9298	8.8523	-0.0775
1035	50	Biased-84Hr-Anneal	8.6648	8.3735	-0.2913
1036	50	Biased-84Hr-Anneal	8.5675	8.3511	-0.2164
1037	50	Biased-84Hr-Anneal	9.6439	9.4767	-0.1672
1038	50	Biased-84Hr-Anneal	8.2754	8.6488	0.3734
1039	50	Biased-84Hr-Anneal	8.9521	8.1744	-0.7777
1040	100	Unbiased-168Hr-Anneal	8.9462	8.9249	-0.0213
1041	100	Unbiased-168Hr-Anneal	9.3287	9.2235	-0.1052
1042	100	Unbiased-168Hr-Anneal	9.4149	9.2589	-0.156
1043	100	Unbiased-168Hr-Anneal	8.5381	8.468	-0.0701
1044	100	Unbiased-168Hr-Anneal	8.893	8.7428	-0.1502
1045	100	Biased-168Hr-Anneal	9.3977	8.3863	-1.0114
1046	100	Biased-168Hr-Anneal	9.396	8.421	-0.975
1047	100	Biased-168Hr-Anneal	9.5914	9.348	-0.2434
1048	100	Biased-168Hr-Anneal	8.9046	7.8816	-1.023
1049	100	Biased-168Hr-Anneal	9.5447	8.5531	-0.9916

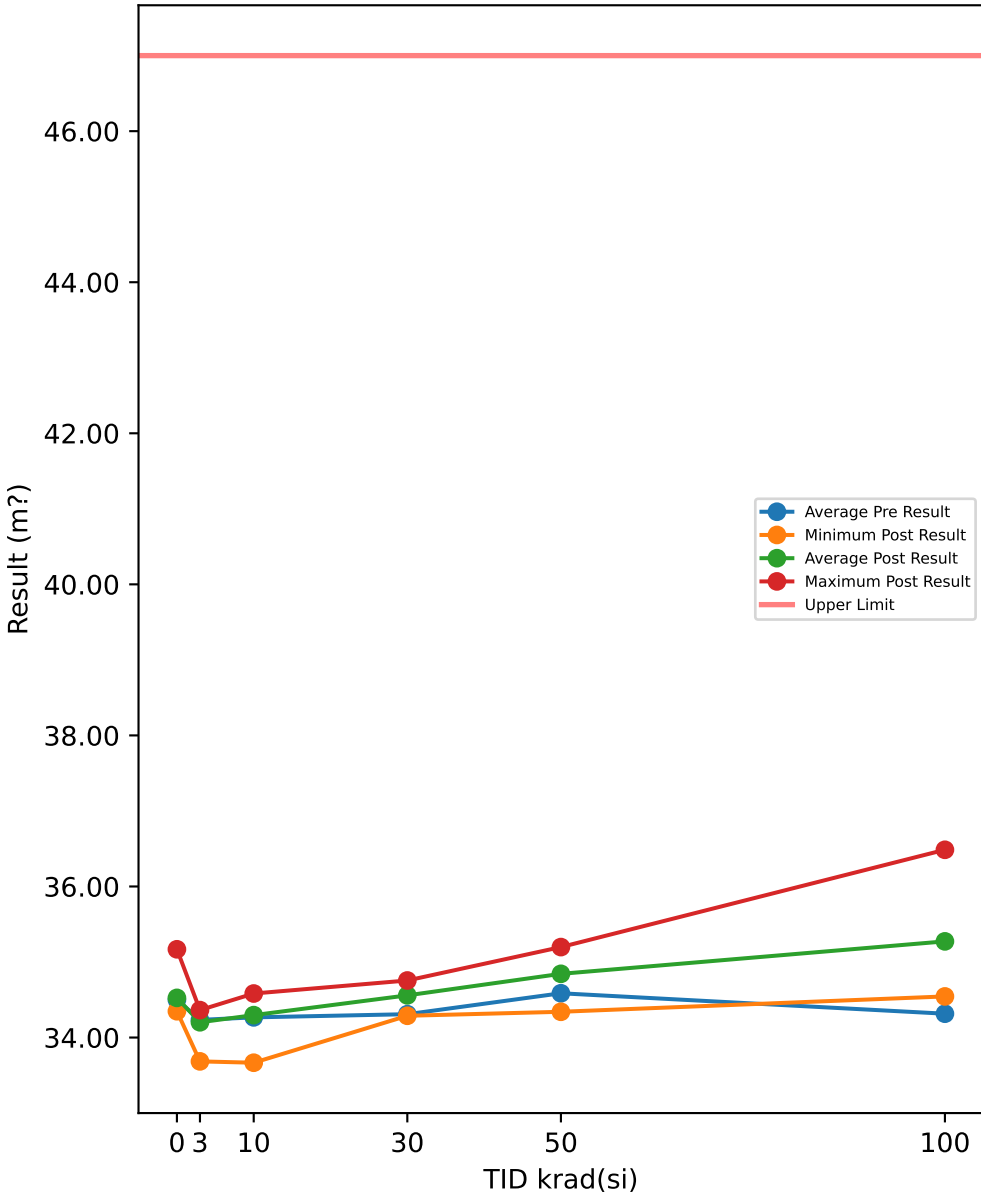
TID vs Post - Pre Exposure Delta



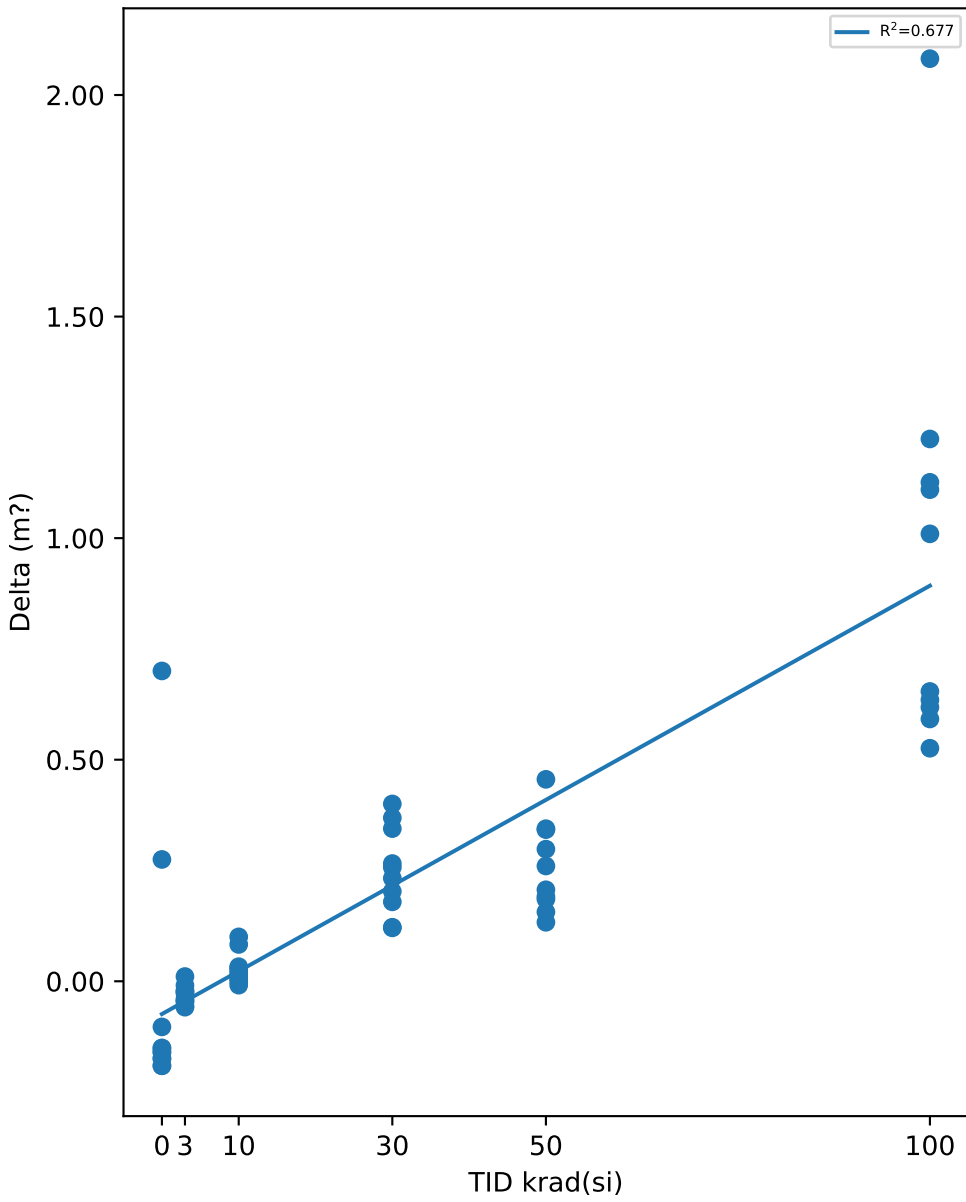
Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.7615	9.0424	9.4232	0.24769	8.4512	8.9151	9.4258	0.36686	-0.529	-0.1273	0.0026	0.22581
3	8.2771	8.7514	9.4296	0.40813	8.2094	8.7316	9.3847	0.3958	-0.0677	-0.01982	0.0252	0.035051
10	8.5873	8.9204	9.4729	0.3161	8.4958	8.8237	9.3297	0.27735	-0.177	-0.09664	0.0087	0.065703
30	8.5025	8.89	9.9165	0.48571	8.1989	8.7556	9.6521	0.46673	-0.3036	-0.13433	0.0429	0.11522
50	8.2754	8.9156	9.6439	0.38098	8.1744	8.8048	9.4767	0.4243	-0.7777	-0.11081	0.3734	0.29649
100	8.5381	9.1955	9.5914	0.34898	7.8816	8.7208	9.348	0.46855	-1.023	-0.47472	-0.0213	0.45611

TID vs Result Stats



TID vs Post - Pre Exposure Delta



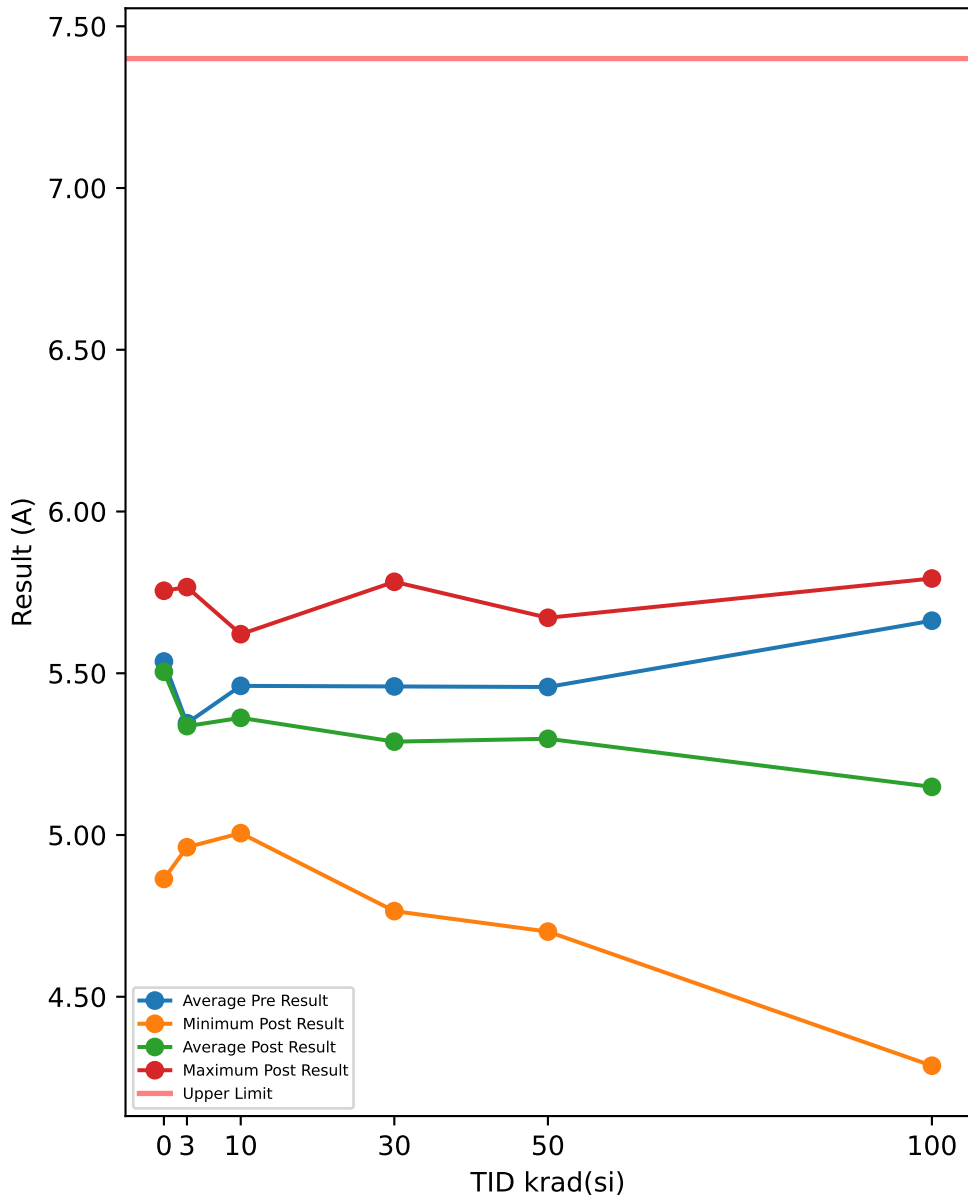
Test Results (Upper Limit = 47.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	34.468	35.168	0.7003
516	0	CORRELATION	34.321	34.596	0.2749
721	0	CORRELATION	34.451	34.348	-0.103
723	0	CORRELATION	34.682	34.532	-0.1507
729	0	CORRELATION	34.571	34.411	-0.1598
1000	3	Unbiased	34.339	34.33	-0.0093
1001	3	Unbiased	33.707	33.684	-0.0229
1002	3	Unbiased	34.313	34.256	-0.0565
1003	3	Unbiased	34.292	34.27	-0.0213
1004	3	Unbiased	34.422	34.363	-0.0585
1005	3	Biased	34.291	34.301	0.0107
1006	3	Biased	34.385	34.358	-0.0269
1007	3	Biased	34.17	34.126	-0.0445
1008	3	Biased	34.105	34.059	-0.046
1009	3	Biased	34.313	34.273	-0.0403
1010	10	Unbiased	33.566	33.667	0.1002
1011	10	Unbiased	34.055	34.066	0.0113
1012	10	Unbiased	34.592	34.583	-0.0088
1013	10	Unbiased	34.387	34.42	0.0329
1014	10	Unbiased	34.306	34.324	0.0177
1015	10	Biased	34.397	34.427	0.0304
1016	10	Biased	34.457	34.54	0.0831
1017	10	Biased	34.383	34.383	-0.0004
1018	10	Biased	34.135	34.159	0.0242
1019	10	Biased	34.392	34.397	0.0056
1020	30	Unbiased	34.048	34.314	0.2657
1021	30	Unbiased	34.21	34.61	0.4002
1022	30	Unbiased	34.472	34.651	0.1792
1023	30	Unbiased	34.166	34.288	0.1219
1024	30	Unbiased	34.253	34.373	0.1205
1025	30	Biased	34.203	34.572	0.3688
1026	30	Biased	34.407	34.752	0.3445
1027	30	Biased	34.498	34.755	0.257
1028	30	Biased	34.496	34.729	0.2326
1029	30	Biased	34.338	34.541	0.2028
1030	50	Unbiased	34.382	34.573	0.1908
1031	50	Unbiased	34.185	34.341	0.1563
1032	50	Unbiased	34.391	34.576	0.1853
1033	50	Unbiased	34.554	34.761	0.2065
1034	50	Unbiased	34.539	34.672	0.1331
1035	50	Biased-84Hr-Anneal	34.67	35.012	0.3422
1036	50	Biased-84Hr-Anneal	34.747	35.045	0.2982
1037	50	Biased-84Hr-Anneal	34.802	35.146	0.3443
1038	50	Biased-84Hr-Anneal	34.85	35.111	0.2601
1039	50	Biased-84Hr-Anneal	34.742	35.198	0.4557
1040	100	Unbiased-168Hr-Anneal	33.926	34.544	0.6183
1041	100	Unbiased-168Hr-Anneal	34.432	35.086	0.654
1042	100	Unbiased-168Hr-Anneal	34.407	34.998	0.5919
1043	100	Unbiased-168Hr-Anneal	34.273	34.799	0.5259
1044	100	Unbiased-168Hr-Anneal	34.343	34.978	0.6351
1045	100	Biased-168Hr-Anneal	34.41	35.634	1.2238
1046	100	Biased-168Hr-Anneal	34.549	35.658	1.1094
1047	100	Biased-168Hr-Anneal	34.404	36.486	2.082
1048	100	Biased-168Hr-Anneal	34.112	35.122	1.0097
1049	100	Biased-168Hr-Anneal	34.301	35.427	1.126

Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	34.321	34.499	34.682	0.13581	34.348	34.611	35.168	0.32636	-0.1598	0.11234	0.7003	0.37475
3	33.707	34.234	34.422	0.20717	33.684	34.202	34.363	0.20641	-0.0585	-0.03155	0.0107	0.021816
10	33.566	34.267	34.592	0.28994	33.667	34.297	34.583	0.27094	-0.0088	0.02962	0.1002	0.035456
30	34.048	34.309	34.498	0.15655	34.288	34.558	34.755	0.17761	0.1205	0.24932	0.4002	0.098103
50	34.185	34.586	34.85	0.2154	34.341	34.843	35.198	0.29641	0.1331	0.25725	0.4557	0.102
100	33.926	34.316	34.549	0.17915	34.544	35.273	36.486	0.5527	0.5259	0.95761	2.082	0.47383

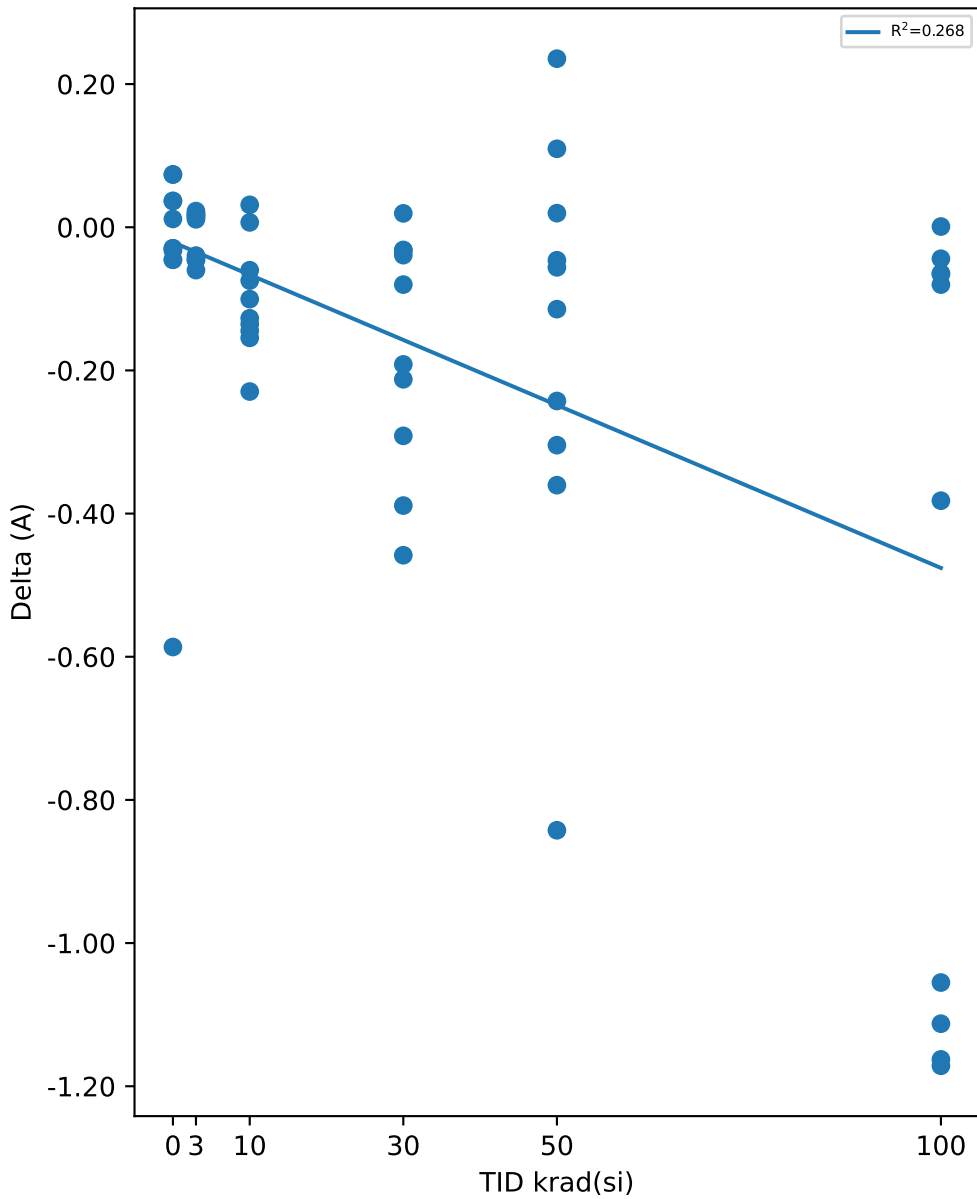
TID vs Result Stats



Test Results (Upper Limit = 7.4 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.4506	4.8642	-0.5864
516	0	CORRELATION	5.6399	5.6515	0.0116
721	0	CORRELATION	5.4571	5.4244	-0.0327
723	0	CORRELATION	5.7844	5.739	-0.0454
729	0	CORRELATION	5.3502	5.4239	0.0737
1000	3	Unbiased	4.941	4.9636	0.0226
1001	3	Unbiased	5.6935	5.7118	0.0183
1002	3	Unbiased	5.4839	5.4379	-0.046
1003	3	Unbiased	5.12	5.0754	-0.0446
1004	3	Unbiased	5.24	5.2511	0.0111
1005	3	Biased	5.4813	5.4997	0.0184
1006	3	Biased	5.6286	5.5687	-0.0599
1007	3	Biased	5.7517	5.7663	0.0146
1008	3	Biased	5.0018	4.9622	-0.0396
1009	3	Biased	5.1142	5.1295	0.0153
1010	10	Unbiased	5.2719	5.1715	-0.1004
1011	10	Unbiased	5.6228	5.5483	-0.0745
1012	10	Unbiased	5.4274	5.4587	0.0313
1013	10	Unbiased	5.3932	5.3332	-0.06
1014	10	Unbiased	5.3357	5.3425	0.0068
1015	10	Biased	5.6985	5.544	-0.1545
1016	10	Biased	5.7561	5.6208	-0.1353
1017	10	Biased	5.5454	5.4182	-0.1272
1018	10	Biased	5.2353	5.0058	-0.2295
1019	10	Biased	5.3236	5.1789	-0.1447
1020	30	Unbiased	5.2401	5.2077	-0.0324
1021	30	Unbiased	5.1981	5.2175	0.0194
1022	30	Unbiased	5.3096	5.2295	-0.0801
1023	30	Unbiased	5.6785	5.6395	-0.039
1024	30	Unbiased	5.3592	5.3275	-0.0317
1025	30	Biased	5.2229	4.7647	-0.4582
1026	30	Biased	5.1619	4.9703	-0.1916
1027	30	Biased	5.9086	5.6172	-0.2914
1028	30	Biased	6.1715	5.7827	-0.3888
1029	30	Biased	5.342	5.1296	-0.2124
1030	50	Unbiased	5.5534	5.663	0.1096
1031	50	Unbiased	5.4494	5.4033	-0.0461
1032	50	Unbiased	5.6302	5.5742	-0.056
1033	50	Unbiased	5.5169	5.5366	0.0197
1034	50	Unbiased	5.5227	5.4083	-0.1144
1035	50	Biased-84Hr-Anneal	5.1952	4.8908	-0.3044
1036	50	Biased-84Hr-Anneal	5.32	4.9597	-0.3603
1037	50	Biased-84Hr-Anneal	5.9142	5.6715	-0.2427
1038	50	Biased-84Hr-Anneal	4.9298	5.1653	0.2355
1039	50	Biased-84Hr-Anneal	5.5438	4.7014	-0.8424
1040	100	Unbiased-168Hr-Anneal	5.5003	5.5013	0.001
1041	100	Unbiased-168Hr-Anneal	5.7692	5.6891	-0.0801
1042	100	Unbiased-168Hr-Anneal	5.8573	5.7929	-0.0644
1043	100	Unbiased-168Hr-Anneal	5.3469	5.3029	-0.044
1044	100	Unbiased-168Hr-Anneal	5.4782	5.4127	-0.0655
1045	100	Biased-168Hr-Anneal	5.6975	4.6424	-1.0551
1046	100	Biased-168Hr-Anneal	5.7329	4.5615	-1.1714
1047	100	Biased-168Hr-Anneal	5.9272	5.5452	-0.382
1048	100	Biased-168Hr-Anneal	5.4493	4.2868	-1.1625
1049	100	Biased-168Hr-Anneal	5.8655	4.7529	-1.1126

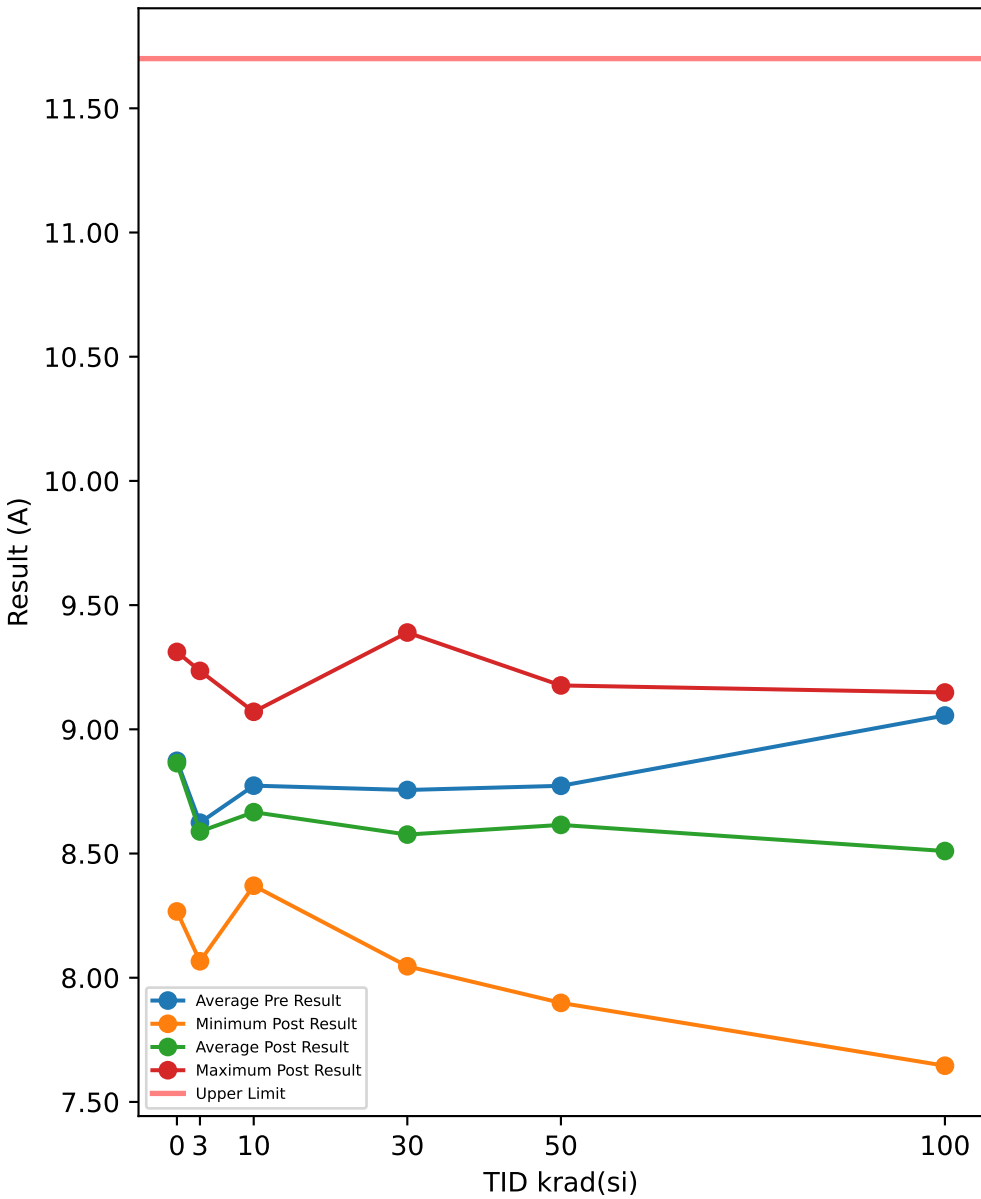
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.3502	5.5364	5.7844	0.17359	4.8642	5.4206	5.739	0.3407	-0.5864	-0.11584	0.0737	0.26715
3	4.941	5.3456	5.7517	0.29834	4.9622	5.3366	5.7663	0.30072	-0.0599	-0.00898	0.0226	0.033681
10	5.2353	5.461	5.7561	0.18373	5.0058	5.3622	5.6208	0.19585	-0.2295	-0.0988	0.0313	0.077893
30	5.1619	5.4592	6.1715	0.34383	4.7647	5.2886	5.7827	0.31498	-0.4582	-0.17062	0.0194	0.1657
50	4.9298	5.4576	5.9142	0.26438	4.7014	5.2974	5.6715	0.34689	-0.8424	-0.16015	0.2355	0.30198
100	5.3469	5.6624	5.9272	0.20334	4.2868	5.1488	5.7929	0.53569	-1.1714	-0.51366	0.001	0.53738

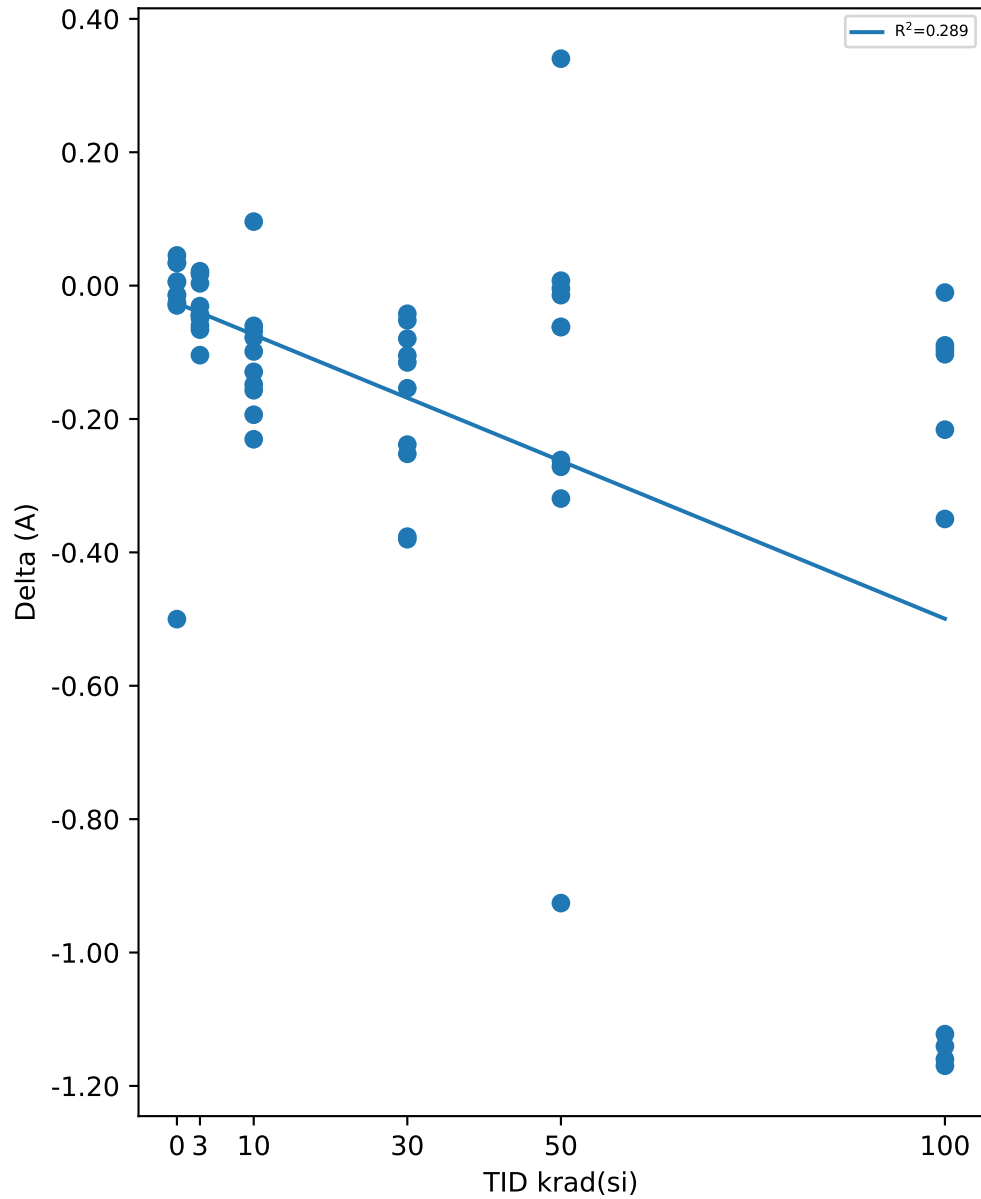
TID vs Result Stats



Test Results (Upper Limit = 11.7 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	8.767	8.2669	-0.5001
516	0	CORRELATION	8.9509	8.9255	-0.0254
721	0	CORRELATION	8.7745	8.8198	0.0453
723	0	CORRELATION	9.2774	9.3116	0.0342
729	0	CORRELATION	8.5967	8.6025	0.0058
1000	3	Unbiased	8.1611	8.117	-0.0441
1001	3	Unbiased	9.1018	9.0419	-0.0599
1002	3	Unbiased	8.7464	8.7028	-0.0436
1003	3	Unbiased	8.3184	8.2877	-0.0307
1004	3	Unbiased	8.4301	8.4473	0.0172
1005	3	Biased	8.7519	8.7553	0.0034
1006	3	Biased	8.9413	8.8923	-0.049
1007	3	Biased	9.3013	9.2353	-0.066
1008	3	Biased	8.1705	8.0662	-0.1043
1009	3	Biased	8.3196	8.3412	0.0216
1010	10	Unbiased	8.4816	8.3829	-0.0987
1011	10	Unbiased	8.9774	8.9171	-0.0603
1012	10	Unbiased	8.5999	8.6959	0.096
1013	10	Unbiased	8.6542	8.5862	-0.068
1014	10	Unbiased	8.5411	8.4632	-0.0779
1015	10	Biased	9.301	9.0706	-0.2304
1016	10	Biased	9.1811	8.9875	-0.1936
1017	10	Biased	8.8004	8.6711	-0.1293
1018	10	Biased	8.5273	8.3704	-0.1569
1019	10	Biased	8.6683	8.52	-0.1483
1020	30	Unbiased	8.4004	8.3208	-0.0796
1021	30	Unbiased	8.4193	8.3771	-0.0422
1022	30	Unbiased	8.4907	8.3859	-0.1048
1023	30	Unbiased	9.019	8.967	-0.052
1024	30	Unbiased	8.7115	8.5963	-0.1152
1025	30	Biased	8.4264	8.0461	-0.3803
1026	30	Biased	8.3606	8.1222	-0.2384
1027	30	Biased	9.4216	9.1694	-0.2522
1028	30	Biased	9.7661	9.3897	-0.3764
1029	30	Biased	8.5422	8.3883	-0.1539
1030	50	Unbiased	8.9363	8.9437	0.0074
1031	50	Unbiased	8.6719	8.6676	-0.0043
1032	50	Unbiased	9.1351	9.0731	-0.062
1033	50	Unbiased	8.8291	8.8148	-0.0143
1034	50	Unbiased	8.7619	8.6998	-0.0621
1035	50	Biased-84Hr-Anneal	8.4983	8.2368	-0.2615
1036	50	Biased-84Hr-Anneal	8.4715	8.1522	-0.3193
1037	50	Biased-84Hr-Anneal	9.4483	9.1767	-0.2716
1038	50	Biased-84Hr-Anneal	8.1489	8.4892	0.3403
1039	50	Biased-84Hr-Anneal	8.8247	7.8988	-0.9259
1040	100	Unbiased-168Hr-Anneal	8.8219	8.8115	-0.0104
1041	100	Unbiased-168Hr-Anneal	9.1502	9.0545	-0.0957
1042	100	Unbiased-168Hr-Anneal	9.2379	9.1483	-0.0896
1043	100	Unbiased-168Hr-Anneal	8.4804	8.3775	-0.1029
1044	100	Unbiased-168Hr-Anneal	8.8116	8.5956	-0.216
1045	100	Biased-168Hr-Anneal	9.2042	8.0638	-1.1404
1046	100	Biased-168Hr-Anneal	9.2258	8.056	-1.1698
1047	100	Biased-168Hr-Anneal	9.4316	9.0817	-0.3499
1048	100	Biased-168Hr-Anneal	8.8058	7.6458	-1.16
1049	100	Biased-168Hr-Anneal	9.3882	8.2658	-1.1224

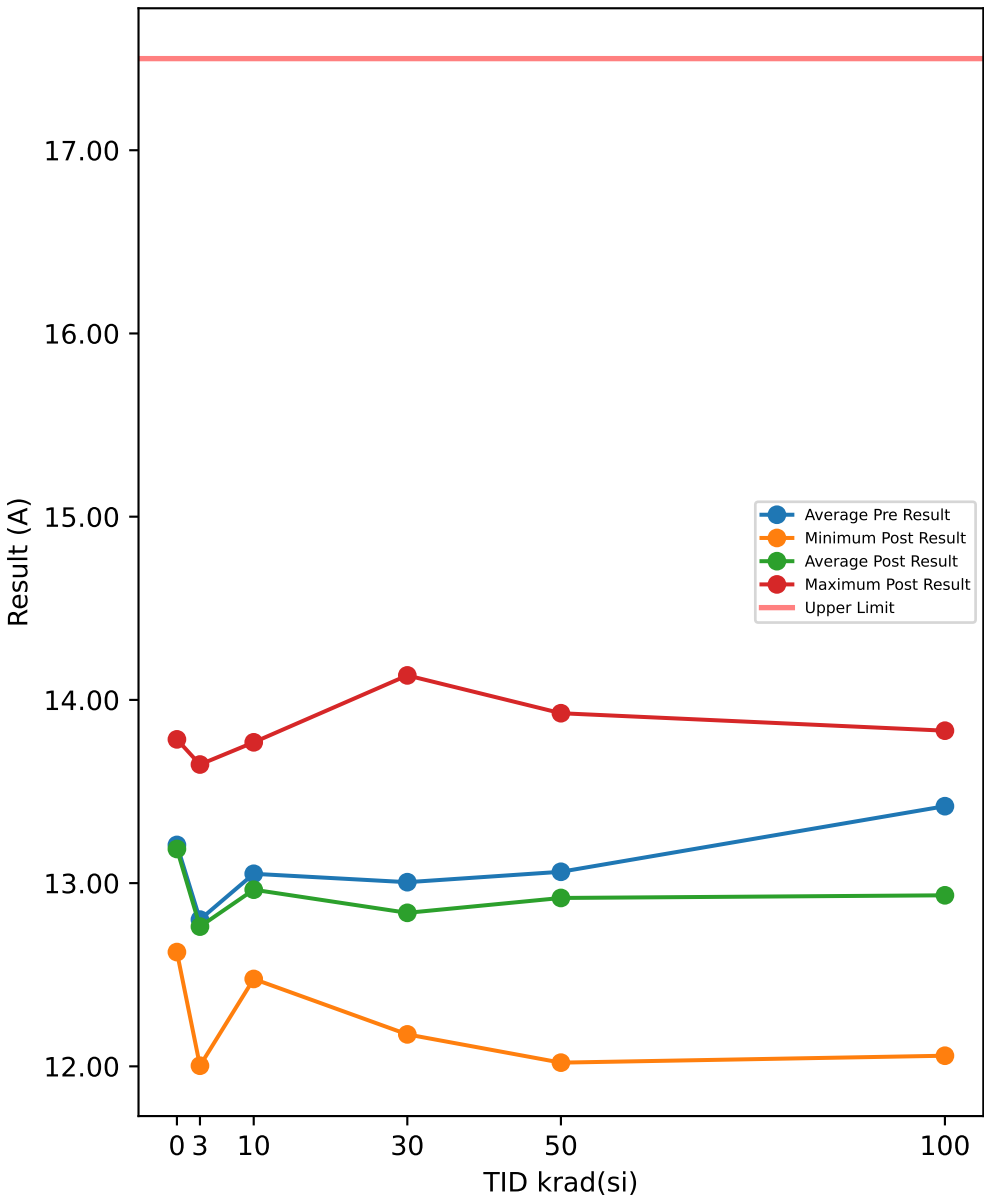
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	8.5967	8.8733	9.2774	0.25831	8.2669	8.7853	9.3116	0.3873	-0.5001	-0.08804	0.0453	0.23197
3	8.1611	8.6242	9.3013	0.40313	8.0662	8.5887	9.2353	0.39774	-0.1043	-0.03554	0.0216	0.039658
10	8.4816	8.7732	9.301	0.28712	8.3704	8.6665	9.0706	0.25108	-0.2304	-0.10674	0.096	0.090213
30	8.3606	8.7558	9.7661	0.48937	8.0461	8.5763	9.3897	0.45096	-0.3803	-0.1795	-0.0422	0.12618
50	8.1489	8.7726	9.4483	0.36299	7.8988	8.6153	9.1767	0.41757	-0.9259	-0.15733	0.3403	0.32959
100	8.4804	9.0558	9.4316	0.30779	7.6458	8.51	9.1483	0.51188	-1.1698	-0.54571	-0.0104	0.52634

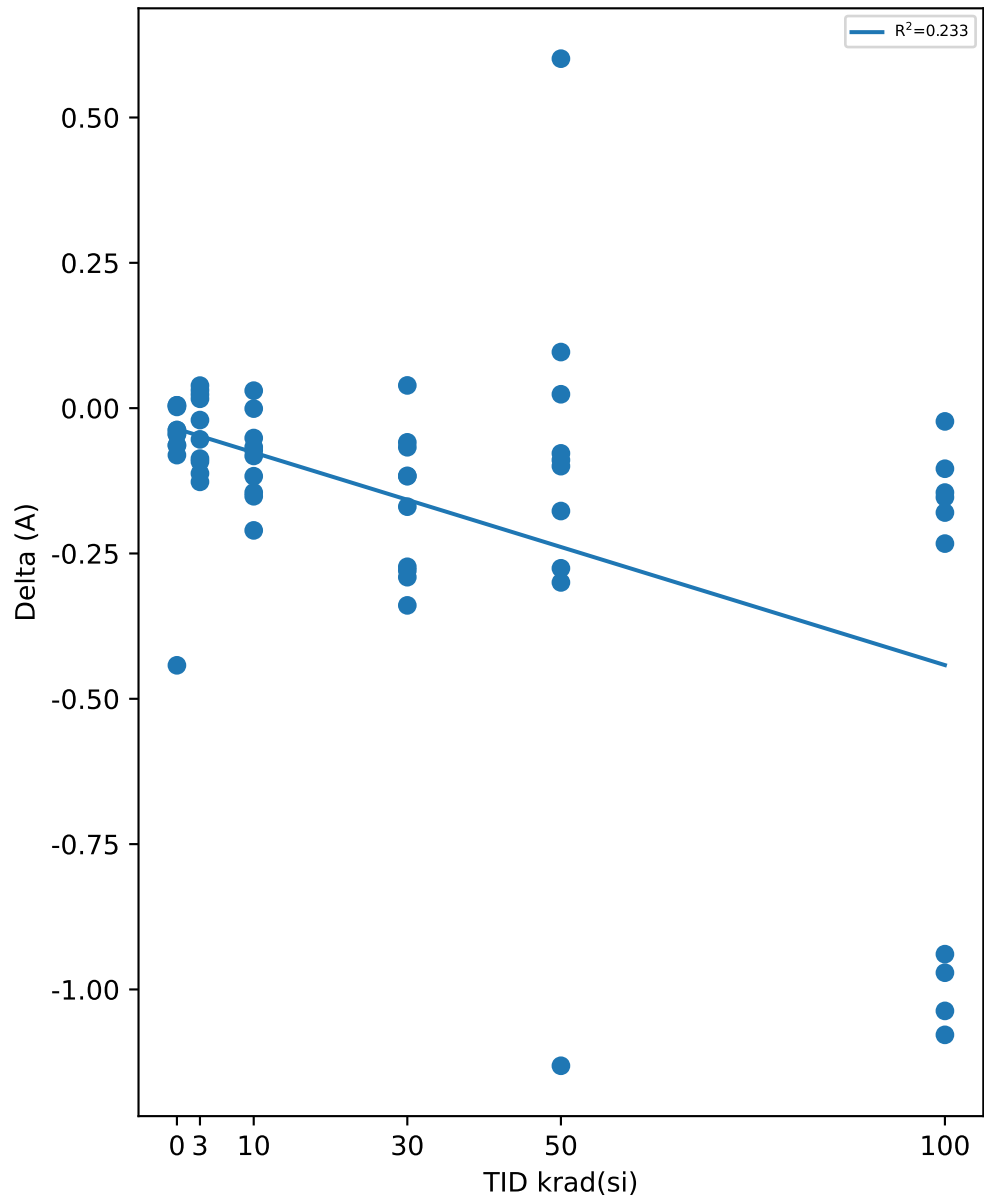
TID vs Result Stats



Test Results (Upper Limit = 17.5 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	13.066	12.624	-0.4424
516	0	CORRELATION	13.292	13.211	-0.0808
721	0	CORRELATION	13.08	13.082	0.0021
723	0	CORRELATION	13.78	13.785	0.0049
729	0	CORRELATION	12.824	12.786	-0.0377
1000	3	Unbiased	12.188	12.204	0.0161
1001	3	Unbiased	13.505	13.452	-0.0537
1002	3	Unbiased	12.941	12.849	-0.0919
1003	3	Unbiased	12.42	12.399	-0.0205
1004	3	Unbiased	12.564	12.595	0.0309
1005	3	Biased	13.018	12.892	-0.1268
1006	3	Biased	13.11	13.149	0.0388
1007	3	Biased	13.76	13.647	-0.1123
1008	3	Biased	12.09	12.003	-0.0868
1009	3	Biased	12.412	12.436	0.0235
1010	10	Unbiased	12.612	12.56	-0.0514
1011	10	Unbiased	13.348	13.203	-0.145
1012	10	Unbiased	12.818	12.848	0.0301
1013	10	Unbiased	12.907	12.906	-0.0008
1014	10	Unbiased	12.55	12.477	-0.0728
1015	10	Biased	13.92	13.768	-0.1516
1016	10	Biased	13.55	13.34	-0.2103
1017	10	Biased	13.116	12.999	-0.1171
1018	10	Biased	12.704	12.621	-0.0822
1019	10	Biased	12.984	12.917	-0.0669
1020	30	Unbiased	12.463	12.345	-0.1171
1021	30	Unbiased	12.517	12.556	0.0391
1022	30	Unbiased	12.55	12.433	-0.1165
1023	30	Unbiased	13.422	13.363	-0.0588
1024	30	Unbiased	12.91	12.842	-0.0673
1025	30	Biased	12.465	12.174	-0.2908
1026	30	Biased	12.569	12.289	-0.2794
1027	30	Biased	13.945	13.672	-0.2729
1028	30	Biased	14.473	14.134	-0.3393
1029	30	Biased	12.738	12.569	-0.1695
1030	50	Unbiased	13.198	13.295	0.0965
1031	50	Unbiased	12.878	12.789	-0.0892
1032	50	Unbiased	13.659	13.559	-0.0998
1033	50	Unbiased	13.185	13.209	0.0239
1034	50	Unbiased	12.921	12.843	-0.0778
1035	50	Biased-84Hr-Anneal	12.785	12.486	-0.2998
1036	50	Biased-84Hr-Anneal	12.557	12.282	-0.2755
1037	50	Biased-84Hr-Anneal	14.104	13.927	-0.177
1038	50	Biased-84Hr-Anneal	12.179	12.78	0.6012
1039	50	Biased-84Hr-Anneal	13.152	12.02	-1.1313
1040	100	Unbiased-168Hr-Anneal	13.125	13.102	-0.0228
1041	100	Unbiased-168Hr-Anneal	13.562	13.383	-0.1796
1042	100	Unbiased-168Hr-Anneal	13.649	13.496	-0.1533
1043	100	Unbiased-168Hr-Anneal	12.5	12.396	-0.1042
1044	100	Unbiased-168Hr-Anneal	12.998	12.765	-0.233
1045	100	Biased-168Hr-Anneal	13.638	12.698	-0.9393
1046	100	Biased-168Hr-Anneal	13.765	12.687	-1.0781
1047	100	Biased-168Hr-Anneal	13.977	13.832	-0.1452
1048	100	Biased-168Hr-Anneal	13.095	12.058	-1.0369
1049	100	Biased-168Hr-Anneal	13.887	12.916	-0.9712

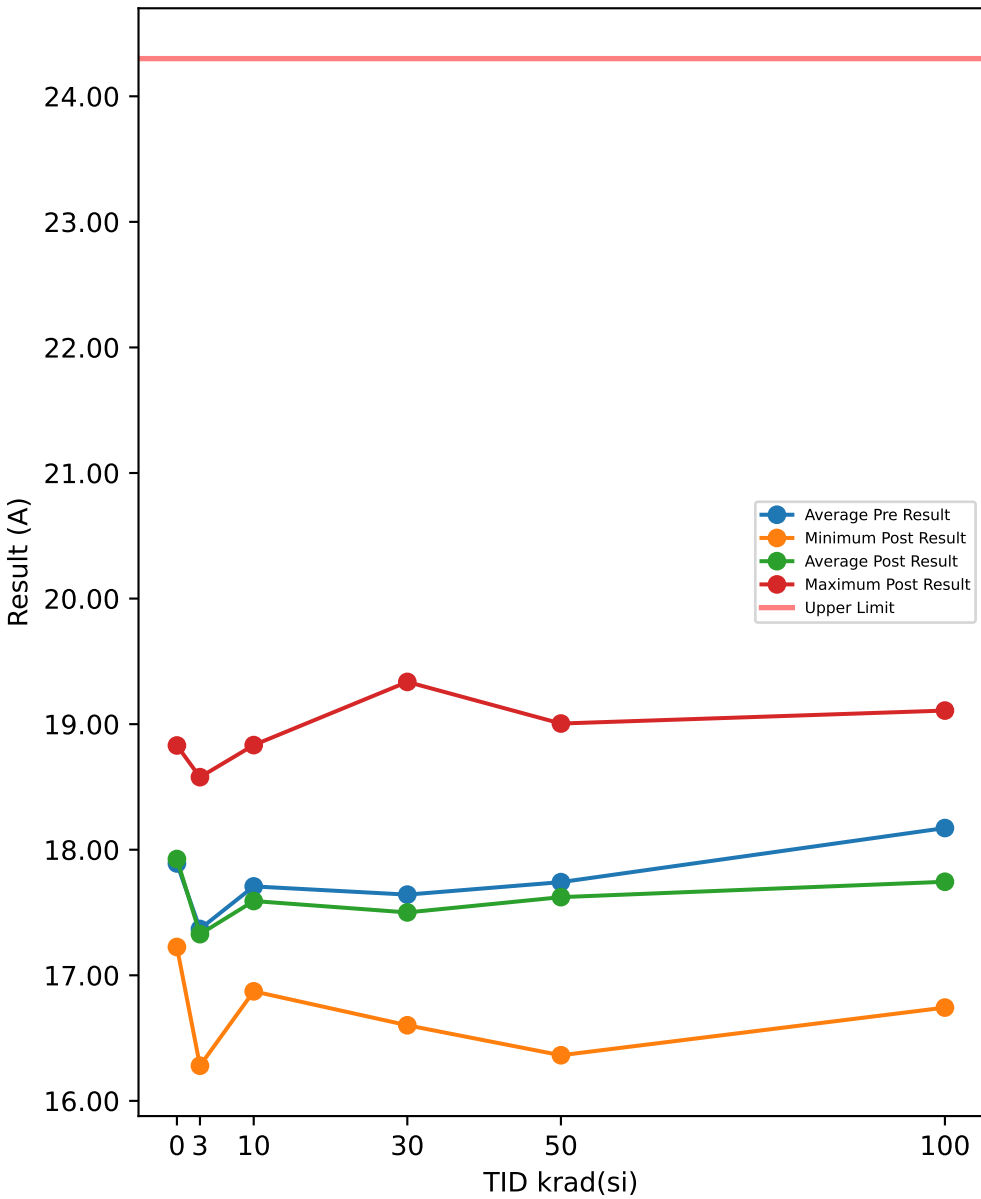
TID vs Post - Pre Exposure Delta



Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	12.824	13.208	13.78	0.35981	12.624	13.098	13.785	0.44907	-0.4424	-0.11078	0.0049	0.18864
3	12.09	12.801	13.76	0.55888	12.003	12.763	13.647	0.53605	-0.1268	-0.03827	0.0388	0.06377
10	12.55	13.051	13.92	0.43993	12.477	12.964	13.768	0.39211	-0.2103	-0.0868	0.0301	0.072022
30	12.463	13.005	14.473	0.70825	12.174	12.838	14.134	0.66253	-0.3393	-0.16725	0.0391	0.12384
50	12.179	13.062	14.104	0.54249	12.02	12.919	13.927	0.58646	-1.1313	-0.14288	0.6012	0.43052
100	12.5	13.42	13.977	0.46956	12.058	12.933	13.832	0.53269	-1.0781	-0.48636	-0.0228	0.45216

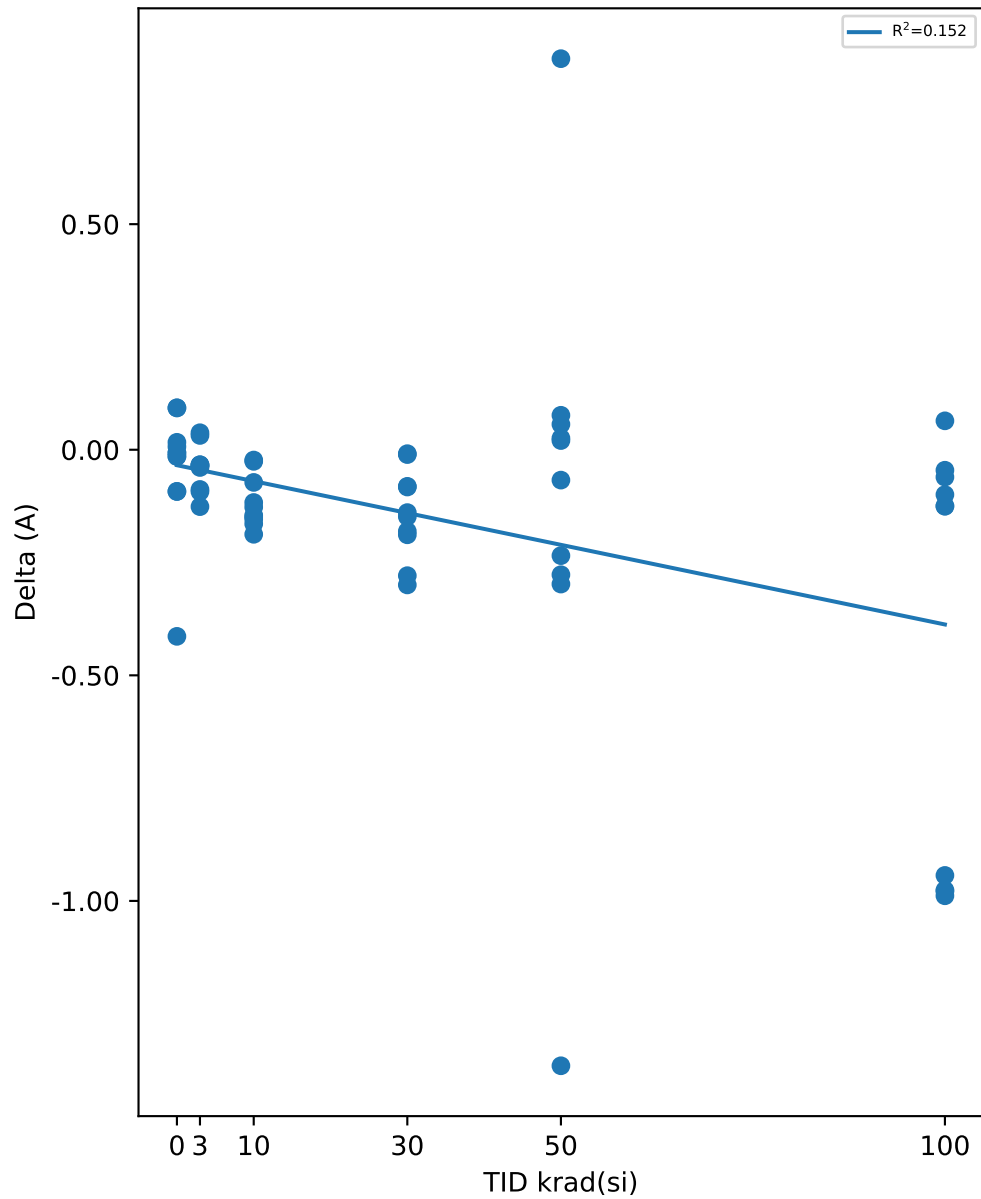
TID vs Result Stats



Test Results (Upper Limit = 24.3 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	17.7	17.286	-0.4136
516	0	CORRELATION	17.919	17.936	0.0165
721	0	CORRELATION	17.78	17.787	0.0069
723	0	CORRELATION	18.737	18.83	0.0928
729	0	CORRELATION	17.318	17.311	-0.0068
1000	3	Unbiased	16.584	16.551	-0.0332
1001	3	Unbiased	18.307	18.267	-0.0393
1002	3	Unbiased	17.474	17.512	0.0377
1003	3	Unbiased	16.823	16.79	-0.0335
1004	3	Unbiased	17.02	17.052	0.0317
1005	3	Biased	17.747	17.621	-0.1261
1006	3	Biased	17.817	17.782	-0.0356
1007	3	Biased	18.671	18.578	-0.0929
1008	3	Biased	16.368	16.28	-0.088
1009	3	Biased	16.879	16.844	-0.0346
1010	10	Unbiased	17.106	16.942	-0.1642
1011	10	Unbiased	18.027	17.91	-0.1169
1012	10	Unbiased	17.374	17.351	-0.0228
1013	10	Unbiased	17.622	17.55	-0.0724
1014	10	Unbiased	16.898	16.872	-0.0257
1015	10	Biased	18.987	18.833	-0.1537
1016	10	Biased	18.355	18.21	-0.1451
1017	10	Biased	17.824	17.637	-0.1874
1018	10	Biased	17.193	17.044	-0.149
1019	10	Biased	17.693	17.566	-0.1272
1020	30	Unbiased	16.89	16.742	-0.1482
1021	30	Unbiased	16.995	16.984	-0.0107
1022	30	Unbiased	16.996	16.915	-0.0811
1023	30	Unbiased	18.279	18.27	-0.0087
1024	30	Unbiased	17.518	17.435	-0.0826
1025	30	Biased	16.881	16.602	-0.2791
1026	30	Biased	17.091	16.902	-0.1885
1027	30	Biased	18.866	18.685	-0.1807
1028	30	Biased	19.636	19.336	-0.2996
1029	30	Biased	17.272	17.133	-0.1393
1030	50	Unbiased	17.949	18.026	0.0764
1031	50	Unbiased	17.368	17.388	0.0204
1032	50	Unbiased	18.668	18.601	-0.0673
1033	50	Unbiased	18.051	18.107	0.0564
1034	50	Unbiased	17.423	17.448	0.0257
1035	50	Biased-84Hr-Anneal	17.333	17.056	-0.277
1036	50	Biased-84Hr-Anneal	17.023	16.788	-0.2347
1037	50	Biased-84Hr-Anneal	19.303	19.005	-0.2977
1038	50	Biased-84Hr-Anneal	16.573	17.44	0.8668
1039	50	Biased-84Hr-Anneal	17.729	16.363	-1.3654
1040	100	Unbiased-168Hr-Anneal	17.78	17.719	-0.0606
1041	100	Unbiased-168Hr-Anneal	18.316	18.216	-0.0995
1042	100	Unbiased-168Hr-Anneal	18.465	18.34	-0.1253
1043	100	Unbiased-168Hr-Anneal	16.849	16.803	-0.0454
1044	100	Unbiased-168Hr-Anneal	17.453	17.328	-0.1245
1045	100	Biased-168Hr-Anneal	18.582	17.593	-0.9886
1046	100	Biased-168Hr-Anneal	18.679	17.701	-0.9784
1047	100	Biased-168Hr-Anneal	19.044	19.108	0.0641
1048	100	Biased-168Hr-Anneal	17.719	16.743	-0.976
1049	100	Biased-168Hr-Anneal	18.84	17.897	-0.9435

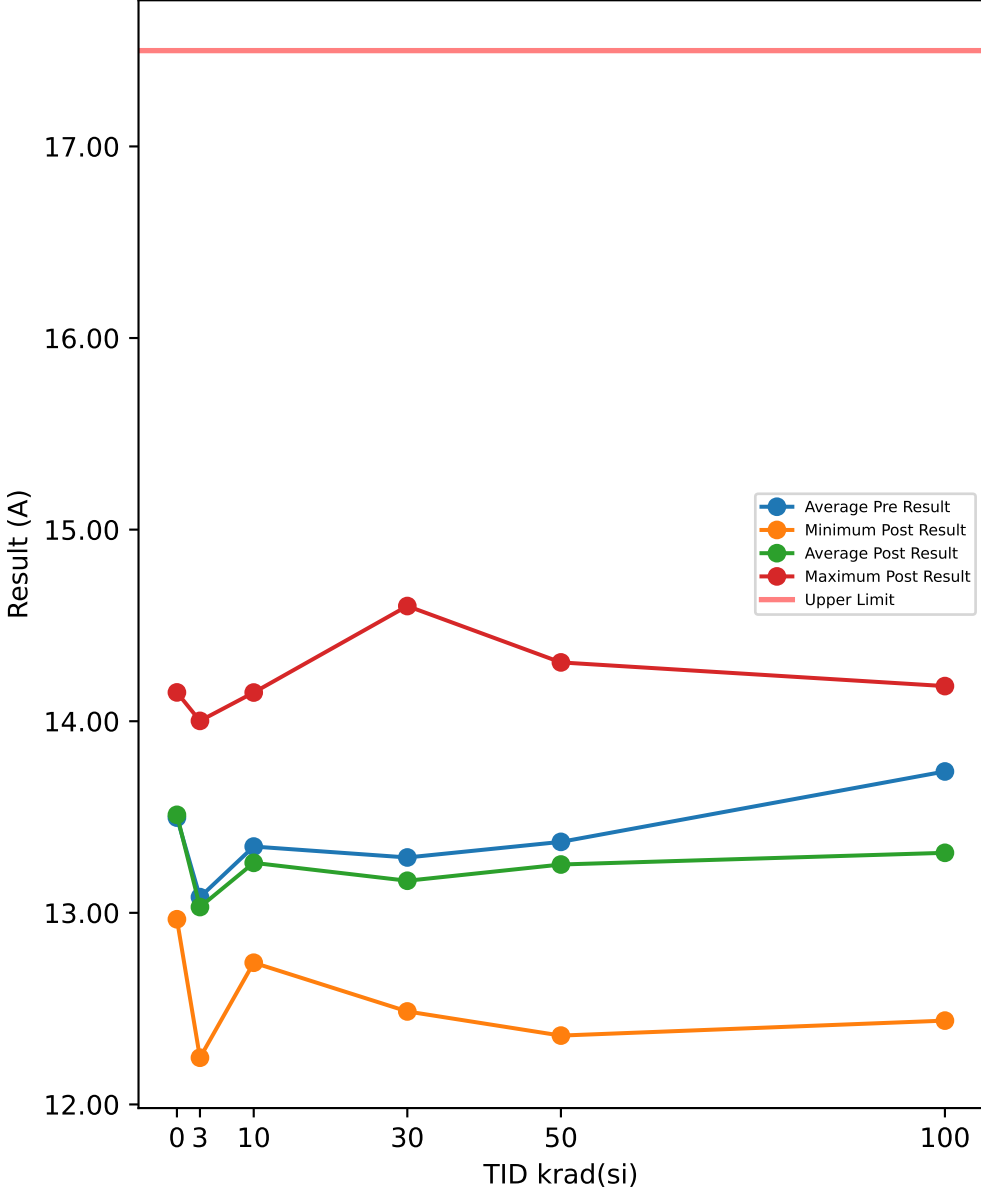
TID vs Post - Pre Exposure Delta



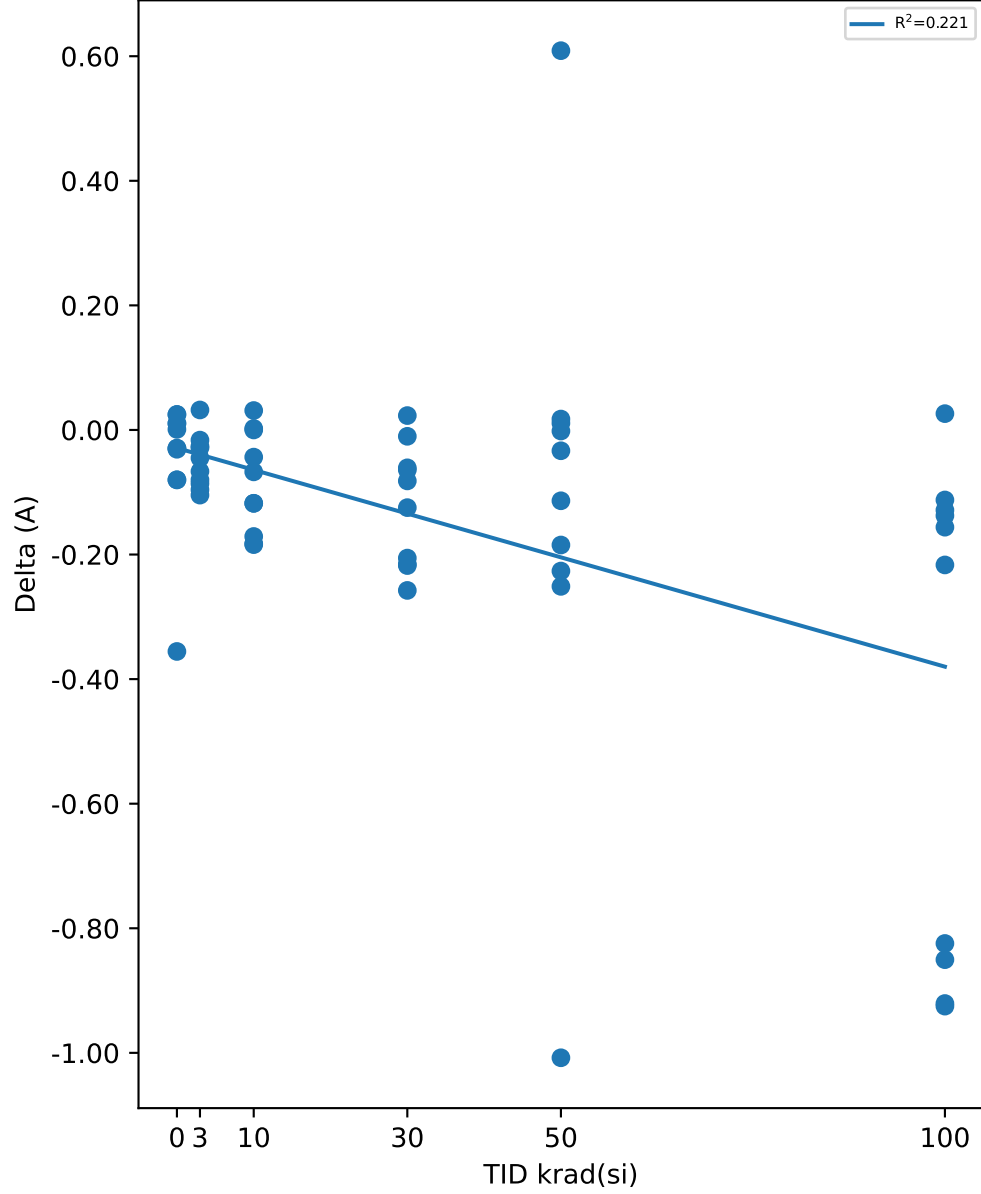
Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.318	17.891	18.737	0.52313	17.286	17.83	18.83	0.62821	-0.4136	-0.06084	0.0928	0.20096
3	16.368	17.369	18.671	0.76067	16.28	17.328	18.578	0.75078	-0.1261	-0.04138	0.0377	0.051437
10	16.898	17.708	18.987	0.63003	16.872	17.591	18.833	0.60802	-0.1874	-0.11644	-0.0228	0.057391
30	16.881	17.642	19.636	0.96111	16.602	17.501	19.336	0.93414	-0.2996	-0.14185	-0.0087	0.099769
50	16.573	17.742	19.303	0.79748	16.363	17.622	19.005	0.81563	-1.3654	-0.11964	0.8668	0.54849
100	16.849	18.173	19.044	0.69661	16.743	17.745	19.108	0.71086	-0.9886	-0.42777	0.0641	0.47122

TID vs Result Stats



TID vs Post - Pre Exposure Delta

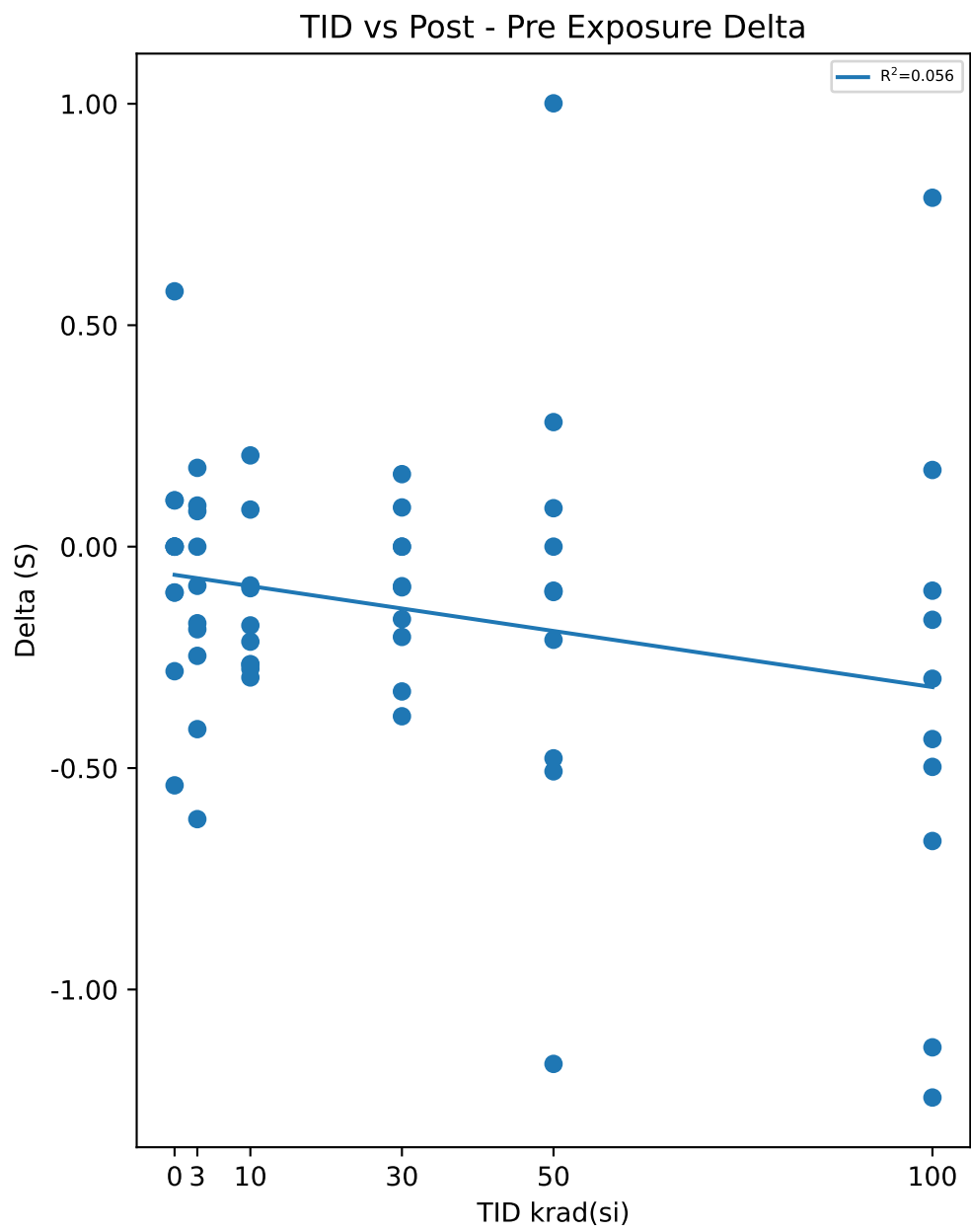
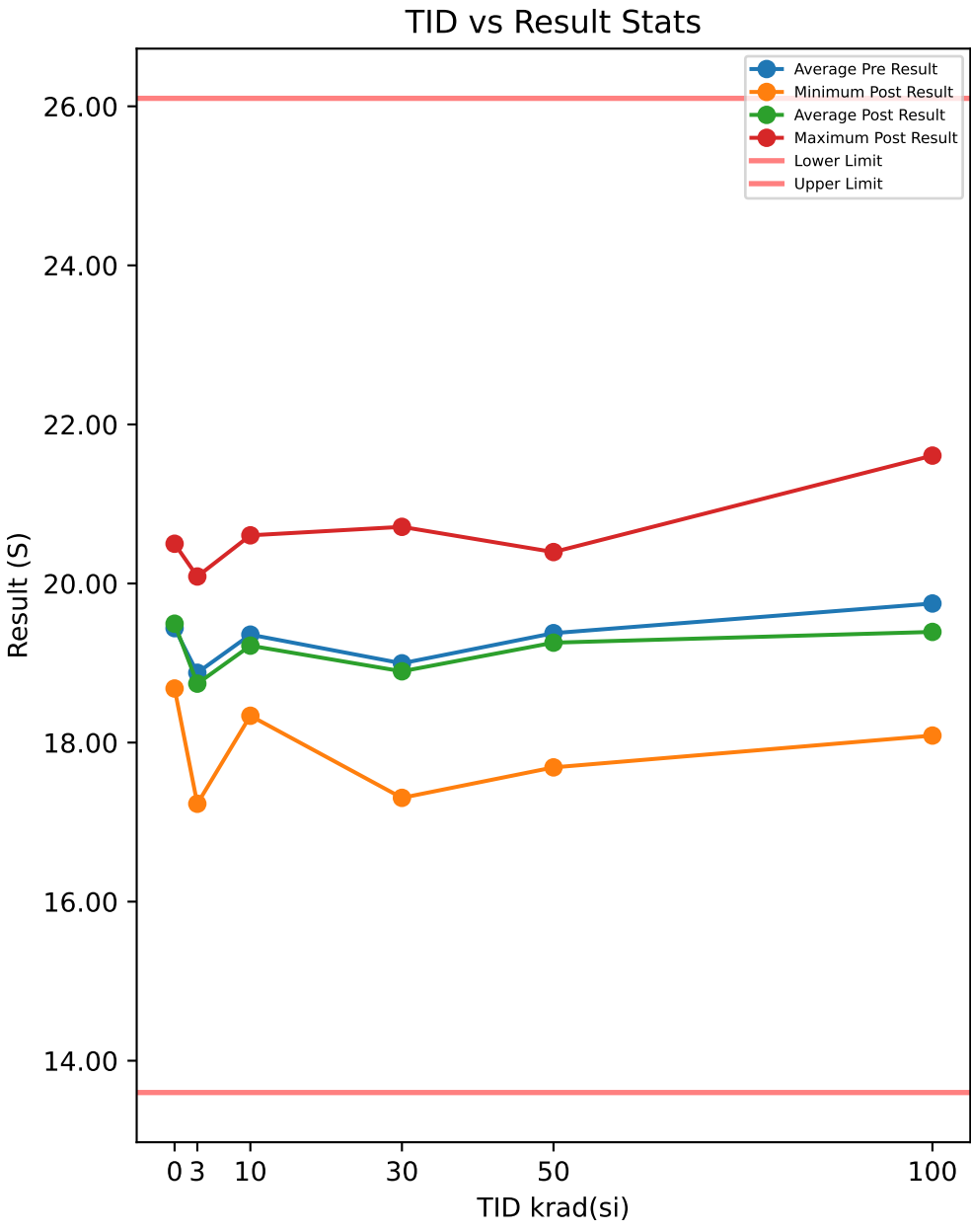


Test Results (Upper Limit = 17.5 (A))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	13.322	12.966	-0.3556
516	0	CORRELATION	13.588	13.557	-0.031
721	0	CORRELATION	13.349	13.35	0.0009
723	0	CORRELATION	14.18	14.15	-0.0293
729	0	CORRELATION	13.045	13.07	0.0248
1000	3	Unbiased	12.483	12.438	-0.045
1001	3	Unbiased	13.8	13.695	-0.1046
1002	3	Unbiased	13.145	13.118	-0.0263
1003	3	Unbiased	12.649	12.563	-0.086
1004	3	Unbiased	12.866	12.849	-0.0163
1005	3	Biased	13.297	13.231	-0.0665
1006	3	Biased	13.419	13.452	0.0321
1007	3	Biased	14.098	14.002	-0.0959
1008	3	Biased	12.324	12.244	-0.08
1009	3	Biased	12.739	12.71	-0.0286
1010	10	Unbiased	12.871	12.827	-0.0436
1011	10	Unbiased	13.506	13.438	-0.0673
1012	10	Unbiased	13.088	13.119	0.0312
1013	10	Unbiased	13.24	13.243	0.0024
1014	10	Unbiased	12.74	12.74	0
1015	10	Biased	14.334	14.15	-0.1841
1016	10	Biased	13.877	13.695	-0.1824
1017	10	Biased	13.432	13.261	-0.171
1018	10	Biased	12.999	12.881	-0.1178
1019	10	Biased	13.374	13.256	-0.1177
1020	30	Unbiased	12.679	12.555	-0.1247
1021	30	Unbiased	12.851	12.874	0.0231
1022	30	Unbiased	12.845	12.784	-0.0608
1023	30	Unbiased	13.649	13.638	-0.0102
1024	30	Unbiased	13.234	13.152	-0.0818
1025	30	Biased	12.743	12.485	-0.2576
1026	30	Biased	12.875	12.657	-0.2177
1027	30	Biased	14.252	14.037	-0.2153
1028	30	Biased	14.807	14.601	-0.2057
1029	30	Biased	12.956	12.891	-0.0642
1030	50	Unbiased	13.523	13.534	0.0109
1031	50	Unbiased	13.072	13.09	0.0175
1032	50	Unbiased	14.065	13.952	-0.1137
1033	50	Unbiased	13.558	13.556	-0.0017
1034	50	Unbiased	13.211	13.178	-0.0334
1035	50	Biased-84Hr-Anneal	13.107	12.856	-0.2511
1036	50	Biased-84Hr-Anneal	12.819	12.593	-0.2265
1037	50	Biased-84Hr-Anneal	14.492	14.307	-0.1847
1038	50	Biased-84Hr-Anneal	12.489	13.098	0.6089
1039	50	Biased-84Hr-Anneal	13.367	12.359	-1.0079
1040	100	Unbiased-168Hr-Anneal	13.378	13.404	0.0262
1041	100	Unbiased-168Hr-Anneal	13.894	13.756	-0.1376
1042	100	Unbiased-168Hr-Anneal	13.986	13.858	-0.1287
1043	100	Unbiased-168Hr-Anneal	12.748	12.592	-0.1561
1044	100	Unbiased-168Hr-Anneal	13.198	13.086	-0.1124
1045	100	Biased-168Hr-Anneal	14.029	13.179	-0.8504
1046	100	Biased-168Hr-Anneal	14.128	13.207	-0.9208
1047	100	Biased-168Hr-Anneal	14.4	14.183	-0.2167
1048	100	Biased-168Hr-Anneal	13.363	12.438	-0.925
1049	100	Biased-168Hr-Anneal	14.253	13.429	-0.8244

Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	13.045	13.497	14.18	0.42745	12.966	13.419	14.15	0.47045	-0.3556	-0.07804	0.0248	0.15687
3	12.324	13.082	14.098	0.57704	12.244	13.03	14.002	0.571	-0.1046	-0.05171	0.0321	0.04275
10	12.74	13.346	14.334	0.48114	12.74	13.261	14.15	0.42615	-0.1841	-0.08503	0.0312	0.081132
30	12.679	13.289	14.807	0.72308	12.485	13.167	14.601	0.70269	-0.2576	-0.12149	0.0231	0.097477
50	12.489	13.37	14.492	0.58329	12.359	13.252	14.307	0.59797	-1.0079	-0.11817	0.6089	0.3958
100	12.748	13.738	14.4	0.53421	12.438	13.313	14.183	0.54159	-0.925	-0.42459	0.0262	0.39773

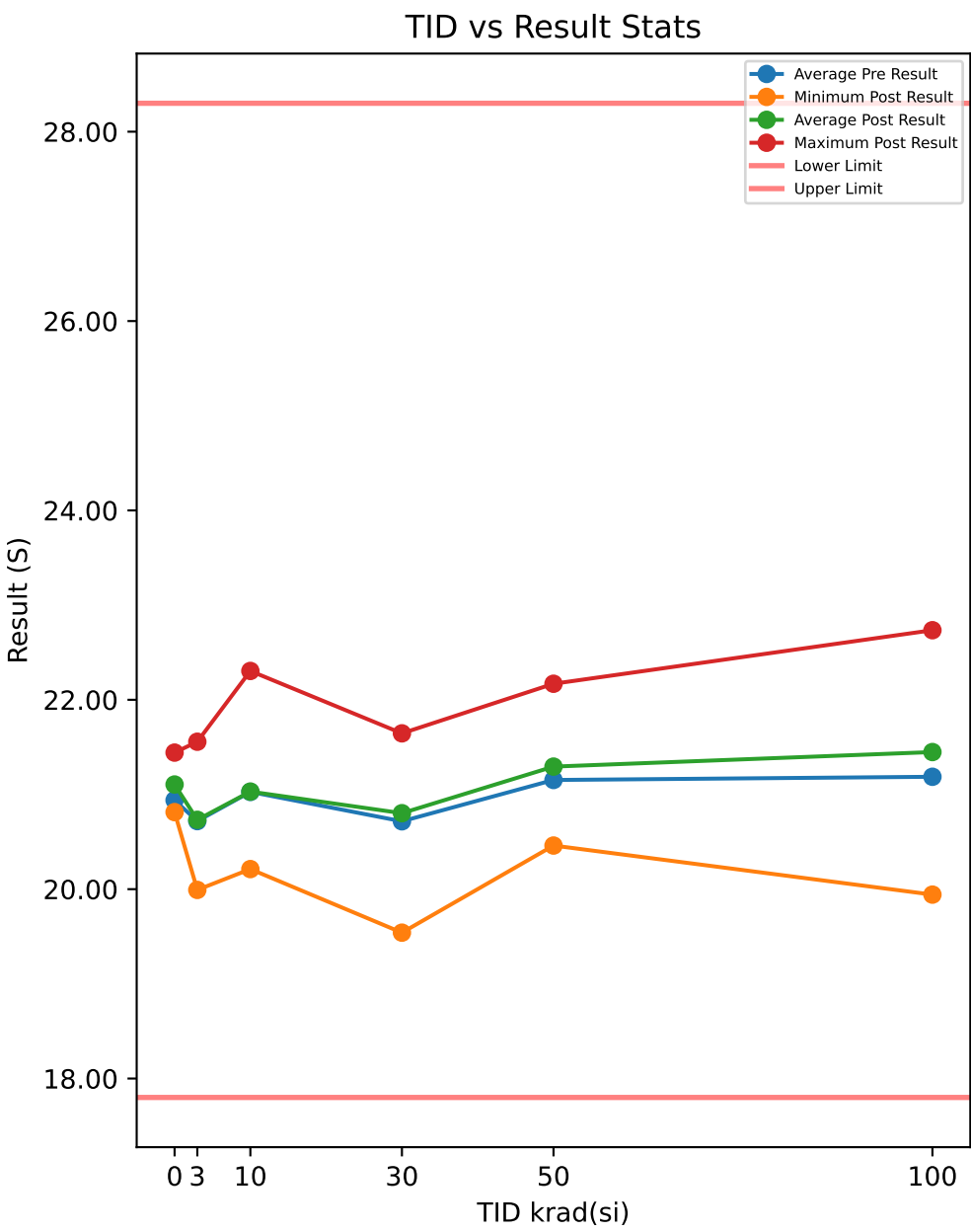


Test Results (Lower Limit = 13.6, Upper Limit = 26.1 (S))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	19.219	18.68	-0.539
516	0	CORRELATION	19.5	19.219	-0.2813
721	0	CORRELATION	19.312	19.888	0.5765
723	0	CORRELATION	20.395	20.292	-0.1036
729	0	CORRELATION	18.768	18.768	0
1000	3	Unbiased	18.253	18.007	-0.2466
1001	3	Unbiased	19.219	19.312	0.0928
1002	3	Unbiased	18.856	18.768	-0.0885
1003	3	Unbiased	17.846	17.926	0.0801
1004	3	Unbiased	18.768	18.945	0.1779
1005	3	Biased	19.405	19.219	-0.1866
1006	3	Biased	19.405	19.405	-0.0001
1007	3	Biased	20.5	20.088	-0.4121
1008	3	Biased	17.846	17.231	-0.6153
1009	3	Biased	18.68	18.507	-0.173
1010	10	Unbiased	18.945	18.68	-0.2657
1011	10	Unbiased	18.768	18.68	-0.0876
1012	10	Unbiased	18.945	18.68	-0.2657
1013	10	Unbiased	19.988	19.692	-0.2954
1014	10	Unbiased	18.253	18.337	0.0837
1015	10	Biased	20.82	20.606	-0.2146
1016	10	Biased	19.405	19.312	-0.0938
1017	10	Biased	19.312	19.036	-0.2758
1018	10	Biased	18.945	18.768	-0.1779
1019	10	Biased	20.189	20.395	0.206
1020	30	Unbiased	17.688	17.305	-0.383
1021	30	Unbiased	18.945	18.856	-0.0893
1022	30	Unbiased	18.007	18.171	0.1637
1023	30	Unbiased	19.219	19.127	-0.0919
1024	30	Unbiased	19.5	19.5	0
1025	30	Biased	18.337	18.337	0
1026	30	Biased	18.768	18.856	0.0885
1027	30	Biased	20.292	20.088	-0.2039
1028	30	Biased	21.04	20.712	-0.327
1029	30	Biased	18.17	18.007	-0.1636
1030	50	Unbiased	19.219	19.5	0.2812
1031	50	Unbiased	18.593	18.68	0.0868
1032	50	Unbiased	20.292	20.189	-0.1025
1033	50	Unbiased	19.988	19.888	-0.0994
1034	50	Unbiased	20.395	19.888	-0.5074
1035	50	Biased-84Hr-Anneal	19.79	19.312	-0.478
1036	50	Biased-84Hr-Anneal	18.253	18.253	0
1037	50	Biased-84Hr-Anneal	20.606	20.395	-0.2103
1038	50	Biased-84Hr-Anneal	17.767	18.768	1.001
1039	50	Biased-84Hr-Anneal	18.856	17.688	-1.168
1040	100	Unbiased-168Hr-Anneal	18.253	18.088	-0.1652
1041	100	Unbiased-168Hr-Anneal	20.189	19.692	-0.4973
1042	100	Unbiased-168Hr-Anneal	19.988	19.888	-0.0994
1043	100	Unbiased-168Hr-Anneal	18.507	18.68	0.1731
1044	100	Unbiased-168Hr-Anneal	18.856	18.422	-0.4345
1045	100	Biased-168Hr-Anneal	20.189	18.945	-1.2439
1046	100	Biased-168Hr-Anneal	20.088	19.79	-0.2983
1047	100	Biased-168Hr-Anneal	20.82	21.608	0.7878
1048	100	Biased-168Hr-Anneal	19.219	18.088	-1.1306
1049	100	Biased-168Hr-Anneal	21.377	20.712	-0.6647

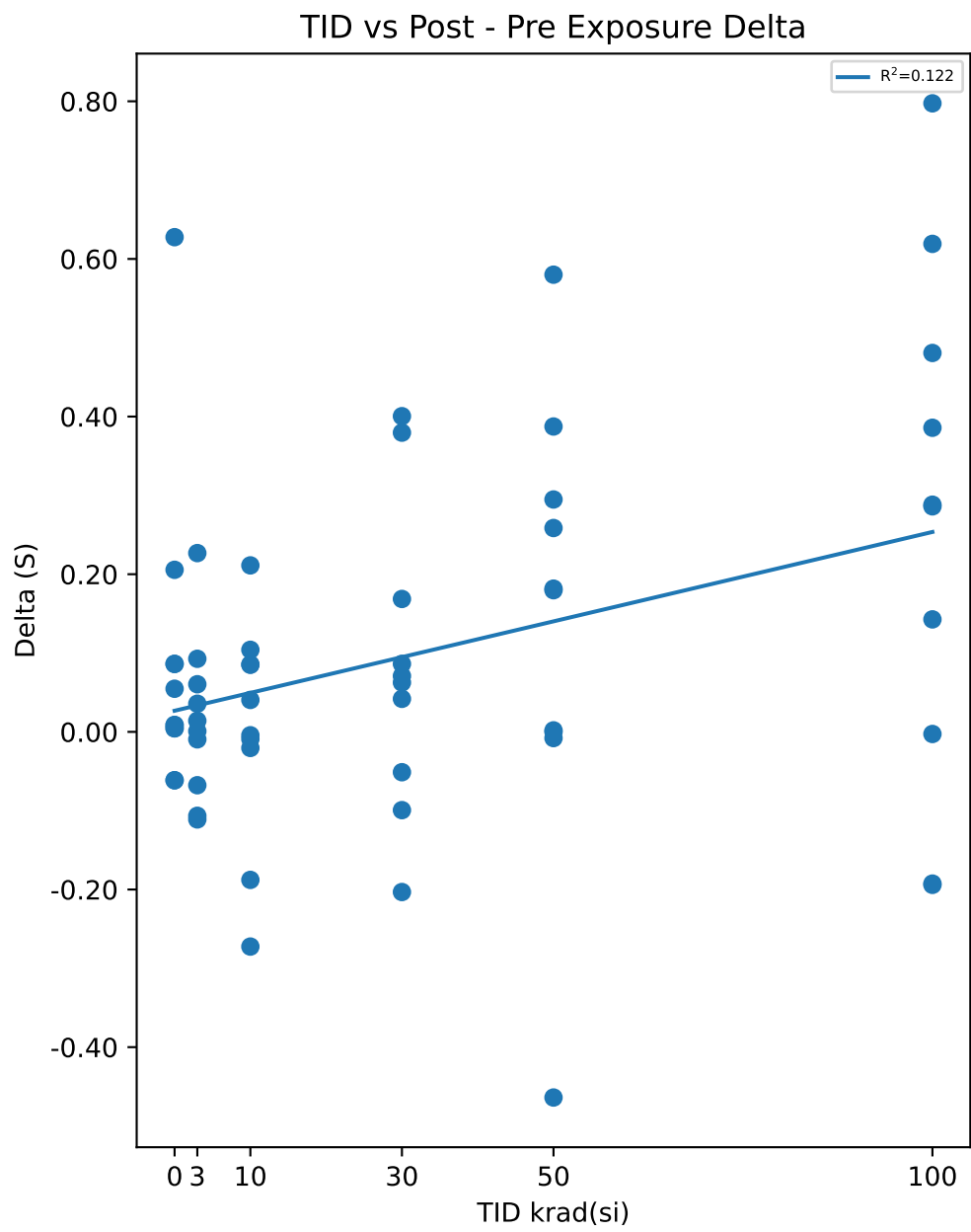
Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	18.768	19.439	20.395	0.59873	18.68	19.369	20.292	0.70361	-0.539	-0.06948	0.5765	0.41491
3	17.846	18.878	20.5	0.80799	17.231	18.741	20.088	0.84267	-0.6153	-0.13714	0.1779	0.24504
10	18.253	19.357	20.82	0.76805	18.337	19.218	20.606	0.77647	-0.2954	-0.13868	0.206	0.16859
30	17.688	18.997	21.04	1.0551	17.305	18.896	20.712	1.0166	-0.383	-0.10065	0.1637	0.17375
50	17.767	19.376	20.606	0.98282	17.688	19.256	20.395	0.886	-1.168	-0.11966	1.001	0.56374
100	18.253	19.749	21.377	1.0119	18.088	19.391	21.608	1.1641	-1.2439	-0.3573	0.7878	0.59662



Test Results (Lower Limit = 17.8, Upper Limit = 28.3 (S))

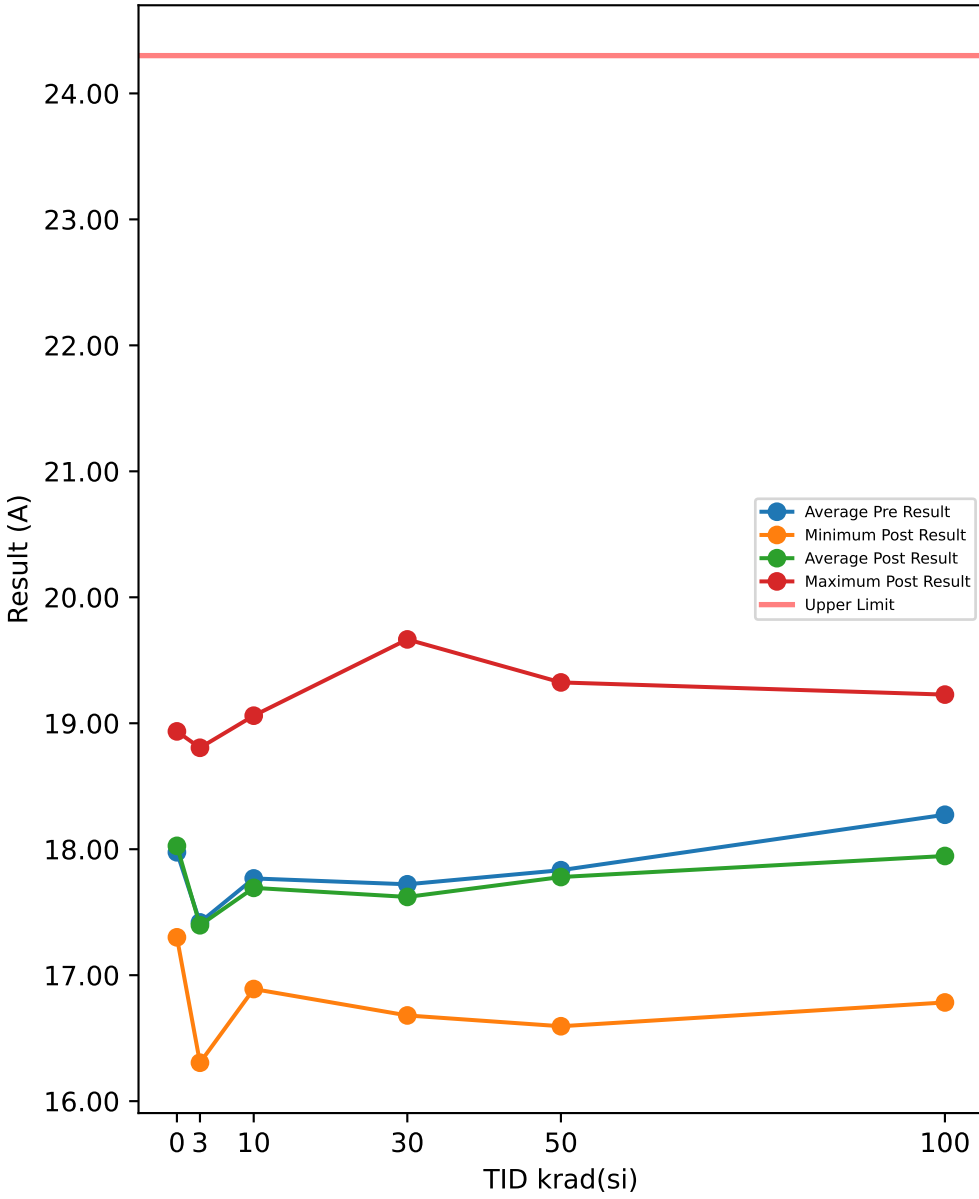
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	20.949	21.154	0.2056
516	0	CORRELATION	20.526	21.154	0.6276
721	0	CORRELATION	21.059	21.113	0.0547
723	0	CORRELATION	21.356	21.295	-0.0614
729	0	CORRELATION	20.809	20.818	0.0087
1000	3	Unbiased	20.628	20.642	0.0141
1001	3	Unbiased	20.829	20.865	0.0357
1002	3	Unbiased	20.625	20.615	-0.0095
1003	3	Unbiased	19.937	20.164	0.2268
1004	3	Unbiased	21.216	21.105	-0.1111
1005	3	Biased	20.534	20.427	-0.1065
1006	3	Biased	20.884	20.885	0.0009
1007	3	Biased	21.625	21.557	-0.0677
1008	3	Biased	19.932	19.992	0.0604
1009	3	Biased	20.979	21.072	0.0927
1010	10	Unbiased	20.724	20.536	-0.1878
1011	10	Unbiased	20.176	20.387	0.2112
1012	10	Unbiased	21.029	20.757	-0.2724
1013	10	Unbiased	21.725	21.716	-0.0091
1014	10	Unbiased	20.172	20.212	0.0405
1015	10	Biased	21.949	21.928	-0.0204
1016	10	Biased	20.537	20.622	0.0856
1017	10	Biased	20.808	20.893	0.0851
1018	10	Biased	20.952	20.948	-0.0043
1019	10	Biased	22.201	22.305	0.1041
1020	30	Unbiased	19.744	19.541	-0.2032
1021	30	Unbiased	20.766	20.829	0.0626
1022	30	Unbiased	20.188	20.567	0.3796
1023	30	Unbiased	20.629	20.671	0.0419
1024	30	Unbiased	21.296	21.465	0.1686
1025	30	Biased	20.291	20.692	0.4005
1026	30	Biased	21.128	21.199	0.0709
1027	30	Biased	21.434	21.52	0.0863
1028	30	Biased	21.745	21.646	-0.0993
1029	30	Biased	19.945	19.894	-0.0512
1030	50	Unbiased	20.801	21.059	0.2586
1031	50	Unbiased	20.695	20.874	0.1797
1032	50	Unbiased	21.543	21.535	-0.0079
1033	50	Unbiased	21.61	21.792	0.1817
1034	50	Unbiased	21.782	22.169	0.3874
1035	50	Biased-84Hr-Anneal	21.934	21.934	0
1036	50	Biased-84Hr-Anneal	20.166	20.461	0.2948
1037	50	Biased-84Hr-Anneal	21.798	21.8	0.0019
1038	50	Biased-84Hr-Anneal	20.234	20.814	0.58
1039	50	Biased-84Hr-Anneal	20.968	20.504	-0.4639
1040	100	Unbiased-168Hr-Anneal	19.945	19.942	-0.0027
1041	100	Unbiased-168Hr-Anneal	20.844	21.13	0.2861
1042	100	Unbiased-168Hr-Anneal	21.115	21.501	0.3858
1043	100	Unbiased-168Hr-Anneal	20.807	21.095	0.2882
1044	100	Unbiased-168Hr-Anneal	20.771	20.577	-0.1941
1045	100	Biased-168Hr-Anneal	21.307	21.926	0.6191
1046	100	Biased-168Hr-Anneal	21.46	21.941	0.4807
1047	100	Biased-168Hr-Anneal	21.83	22.627	0.7974
1048	100	Biased-168Hr-Anneal	20.862	21.005	0.1427
1049	100	Biased-168Hr-Anneal	22.927	22.735	-0.1925



Test Statistics (S)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	20.526	20.94	21.356	0.30644	20.818	21.107	21.295	0.17552	-0.0614	0.16704	0.6276	0.27544
3	19.932	20.719	21.625	0.52257	19.992	20.732	21.557	0.46686	-0.1111	0.01358	0.2268	0.10092
10	20.172	21.027	22.201	0.71153	20.212	21.03	22.305	0.70673	-0.2724	0.00325	0.2112	0.14202
30	19.744	20.717	21.745	0.67411	19.541	20.802	21.646	0.69328	-0.2032	0.08567	0.4005	0.19191
50	20.166	21.153	21.934	0.66418	20.461	21.294	22.169	0.62527	-0.4639	0.14123	0.58	0.28311
100	19.945	21.187	22.927	0.79017	19.942	21.448	22.735	0.87991	-0.1941	0.26107	0.7974	0.32956

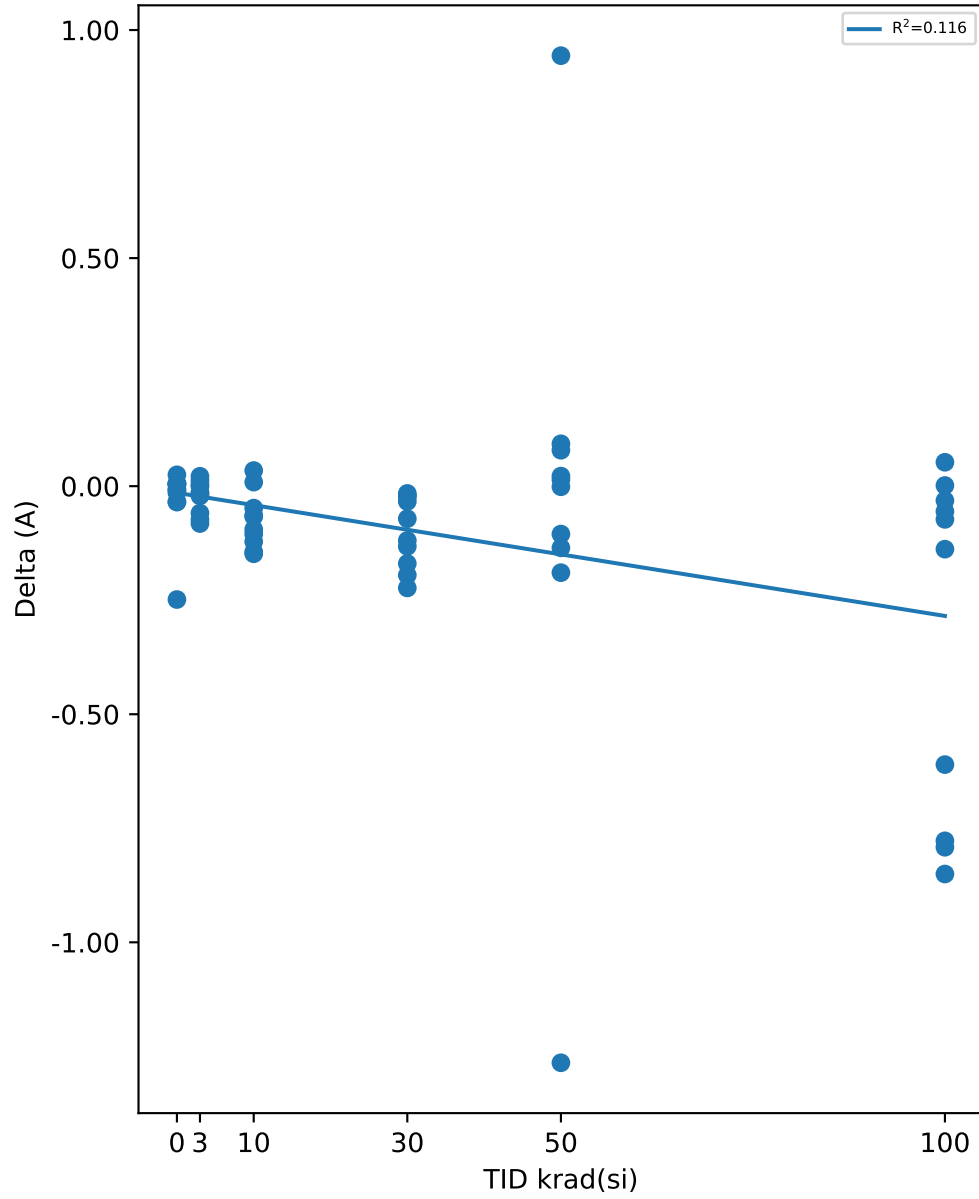
TID vs Result Stats



Test Results (Upper Limit = 24.3 (A))

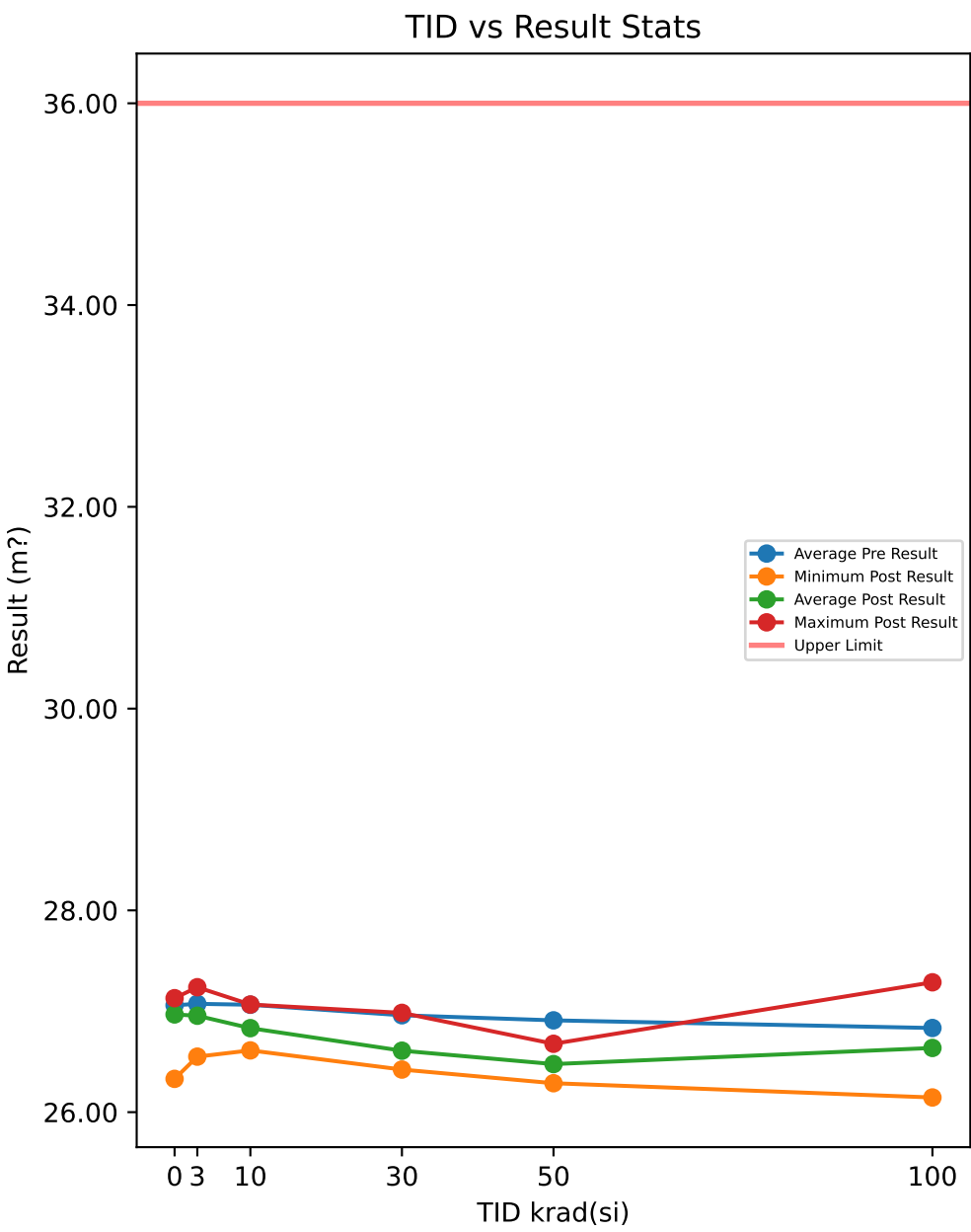
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	17.755	17.506	-0.2485
516	0	CORRELATION	18.037	18.023	-0.0145
721	0	CORRELATION	17.847	17.872	0.0249
723	0	CORRELATION	18.931	18.935	0.0044
729	0	CORRELATION	17.308	17.314	0.0057
1000	3	Unbiased	16.646	16.667	0.0217
1001	3	Unbiased	18.332	18.25	-0.0819
1002	3	Unbiased	17.439	17.442	0.0035
1003	3	Unbiased	16.875	16.802	-0.0733
1004	3	Unbiased	17.102	17.101	-0.0005
1005	3	Biased	17.754	17.767	0.0126
1006	3	Biased	17.918	17.897	-0.0213
1007	3	Biased	18.82	18.805	-0.0144
1008	3	Biased	16.364	16.305	-0.059
1009	3	Biased	16.942	16.926	-0.0155
1010	10	Unbiased	17.075	16.97	-0.105
1011	10	Unbiased	17.936	17.887	-0.0481
1012	10	Unbiased	17.41	17.445	0.0343
1013	10	Unbiased	17.813	17.748	-0.0641
1014	10	Unbiased	16.881	16.89	0.0089
1015	10	Biased	19.182	19.06	-0.1215
1016	10	Biased	18.448	18.381	-0.0665
1017	10	Biased	17.867	17.723	-0.1441
1018	10	Biased	17.26	17.112	-0.1482
1019	10	Biased	17.81	17.715	-0.0947
1020	30	Unbiased	16.811	16.777	-0.0335
1021	30	Unbiased	17.181	17.165	-0.0159
1022	30	Unbiased	17.125	16.993	-0.1319
1023	30	Unbiased	18.243	18.222	-0.0208
1024	30	Unbiased	17.595	17.572	-0.0234
1025	30	Biased	16.904	16.68	-0.2231
1026	30	Biased	17.219	17.024	-0.1949
1027	30	Biased	18.983	18.864	-0.119
1028	30	Biased	19.835	19.666	-0.1696
1029	30	Biased	17.32	17.249	-0.0713
1030	50	Unbiased	17.971	18.064	0.0929
1031	50	Unbiased	17.281	17.279	-0.0013
1032	50	Unbiased	18.824	18.846	0.0221
1033	50	Unbiased	18.199	18.277	0.0788
1034	50	Unbiased	17.525	17.539	0.0143
1035	50	Biased-84Hr-Anneal	17.462	17.357	-0.105
1036	50	Biased-84Hr-Anneal	17.07	16.881	-0.1896
1037	50	Biased-84Hr-Anneal	19.459	19.324	-0.1352
1038	50	Biased-84Hr-Anneal	16.686	17.629	0.9438
1039	50	Biased-84Hr-Anneal	17.859	16.595	-1.2641
1040	100	Unbiased-168Hr-Anneal	17.732	17.784	0.0524
1041	100	Unbiased-168Hr-Anneal	18.41	18.411	0.0015
1042	100	Unbiased-168Hr-Anneal	18.555	18.482	-0.0728
1043	100	Unbiased-168Hr-Anneal	16.839	16.784	-0.0553
1044	100	Unbiased-168Hr-Anneal	17.489	17.351	-0.1381
1045	100	Biased-168Hr-Anneal	18.675	18.065	-0.6104
1046	100	Biased-168Hr-Anneal	18.965	18.187	-0.7775
1047	100	Biased-168Hr-Anneal	19.259	19.227	-0.0316
1048	100	Biased-168Hr-Anneal	17.753	16.903	-0.8503
1049	100	Biased-168Hr-Anneal	19.059	18.268	-0.7916

TID vs Post - Pre Exposure Delta



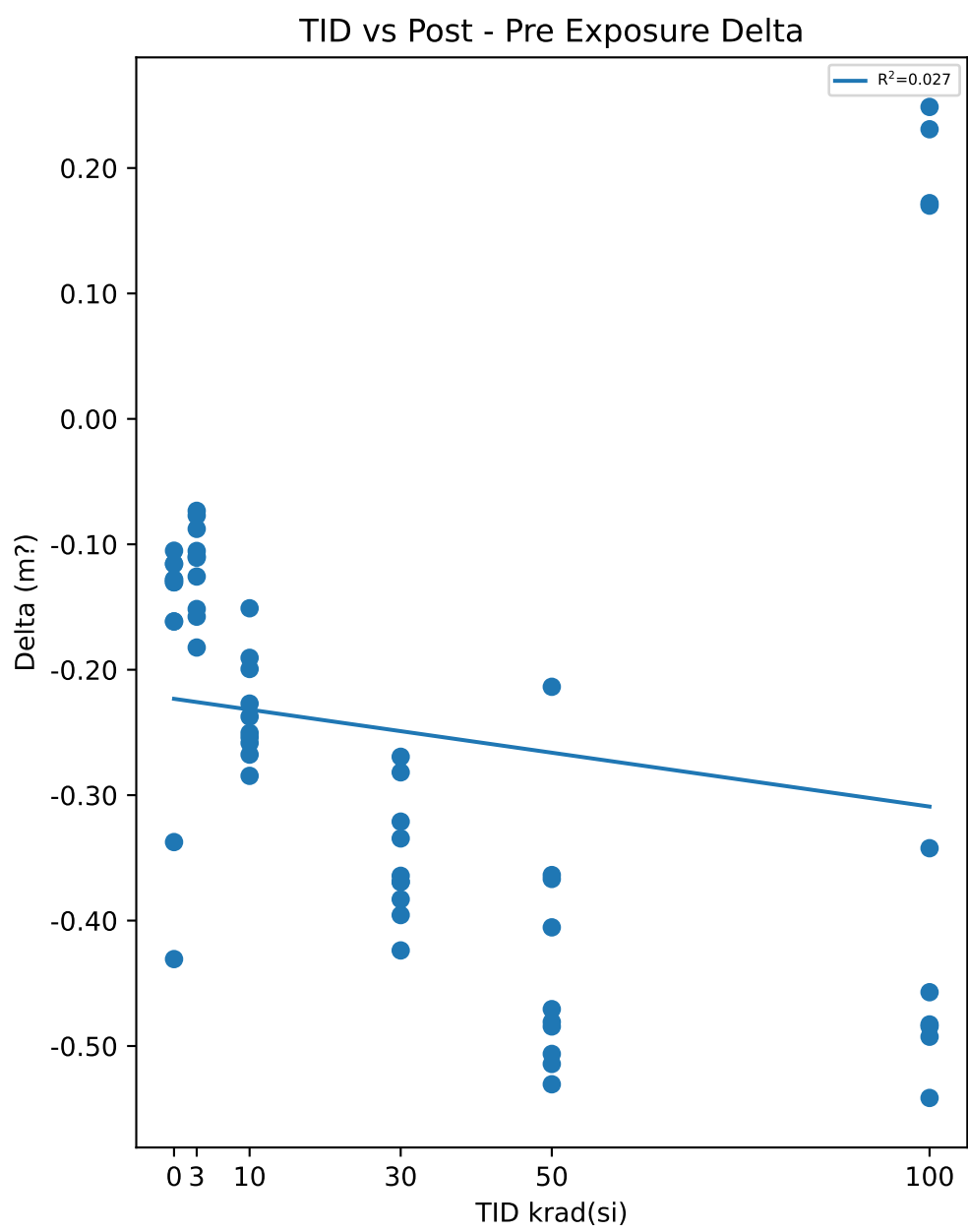
Test Statistics (A)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	17.308	17.976	18.931	0.59735	17.314	17.93	18.935	0.62889	-0.2485	-0.0456	0.0249	0.11428
3	16.364	17.419	18.82	0.78123	16.305	17.396	18.805	0.78088	-0.0819	-0.02281	0.0217	0.036365
10	16.881	17.768	19.182	0.67939	16.89	17.693	19.06	0.6626	-0.1482	-0.0749	0.0343	0.060995
30	16.811	17.722	19.835	0.99473	16.68	17.621	19.666	0.98776	-0.2231	-0.10034	-0.0159	0.07806
50	16.686	17.834	19.459	0.83103	16.595	17.779	19.324	0.85454	-1.2641	-0.05433	0.9438	0.53124
100	16.839	18.274	19.259	0.78622	16.784	17.946	19.227	0.75577	-0.8503	-0.32737	0.0524	0.37804



Test Results (Upper Limit = 36.0 (m?))

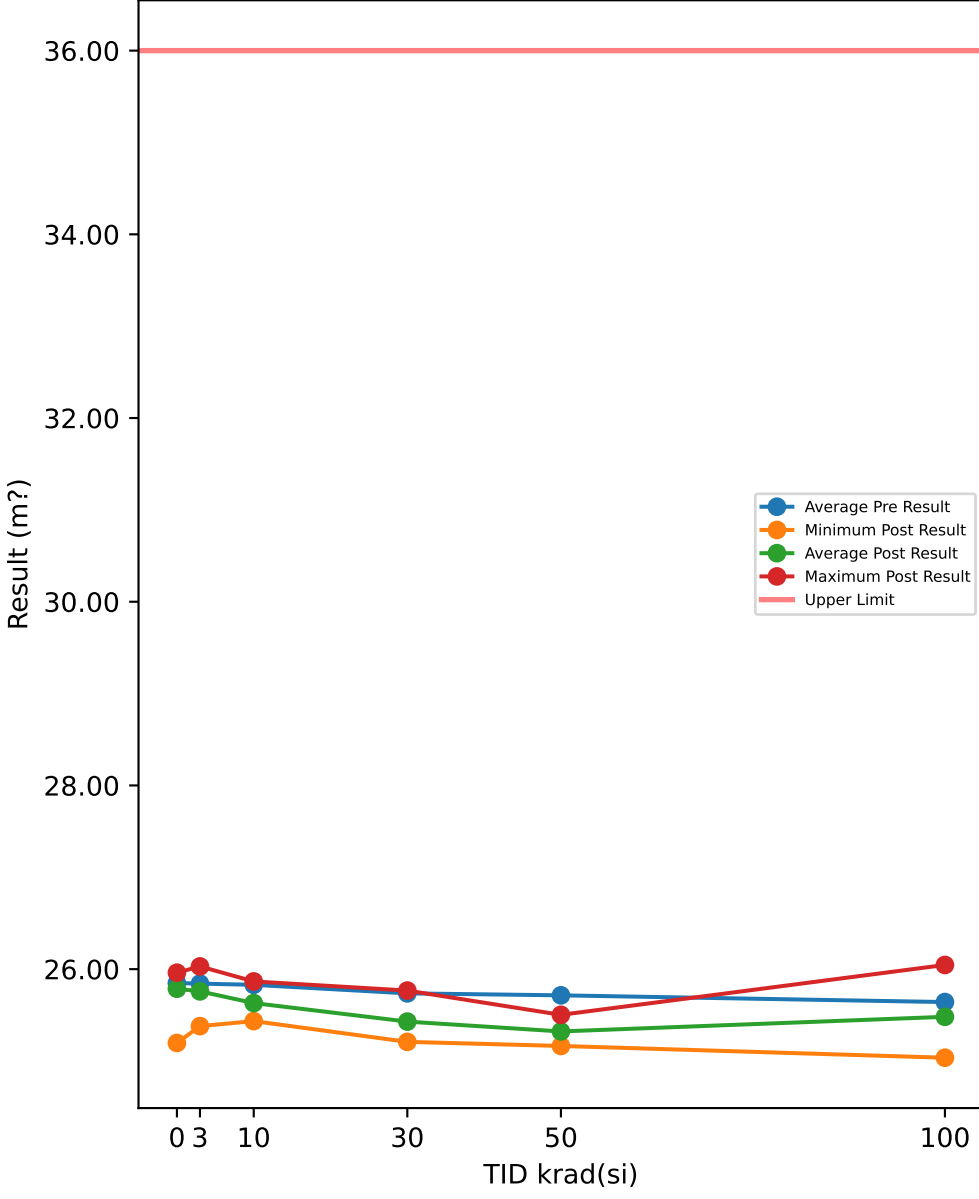
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	26.668	26.33	-0.3374
516	0	CORRELATION	27.104	26.674	-0.4307
721	0	CORRELATION	27.09	26.985	-0.1051
723	0	CORRELATION	27.26	27.13	-0.1303
729	0	CORRELATION	27.174	27.059	-0.1156
1000	3	Unbiased	27.02	26.932	-0.0877
1001	3	Unbiased	26.778	26.667	-0.1107
1002	3	Unbiased	26.708	26.55	-0.1577
1003	3	Unbiased	27.085	26.975	-0.1097
1004	3	Unbiased	27.048	26.971	-0.0771
1005	3	Biased	26.983	26.91	-0.0733
1006	3	Biased	27.173	27.067	-0.1053
1007	3	Biased	27.297	27.115	-0.1823
1008	3	Biased	27.284	27.132	-0.1516
1009	3	Biased	27.364	27.238	-0.1257
1010	10	Unbiased	26.974	26.823	-0.151
1011	10	Unbiased	26.871	26.612	-0.2584
1012	10	Unbiased	26.898	26.698	-0.1994
1013	10	Unbiased	27.151	26.924	-0.227
1014	10	Unbiased	27.23	26.976	-0.2538
1015	10	Biased	27.317	27.067	-0.2504
1016	10	Biased	27.026	26.836	-0.1905
1017	10	Biased	27.012	26.745	-0.2677
1018	10	Biased	26.975	26.691	-0.2846
1019	10	Biased	27.192	26.955	-0.2374
1020	30	Unbiased	26.707	26.438	-0.2694
1021	30	Unbiased	27.124	26.842	-0.2818
1022	30	Unbiased	27.353	26.984	-0.3691
1023	30	Unbiased	26.792	26.428	-0.3643
1024	30	Unbiased	26.951	26.527	-0.4238
1025	30	Biased	26.769	26.448	-0.3211
1026	30	Biased	27.069	26.734	-0.3345
1027	30	Biased	26.805	26.422	-0.383
1028	30	Biased	26.895	26.499	-0.3956
1029	30	Biased	27.14	26.771	-0.3692
1030	50	Unbiased	26.968	26.453	-0.5143
1031	50	Unbiased	27.045	26.561	-0.4844
1032	50	Unbiased	26.917	26.446	-0.4706
1033	50	Unbiased	26.872	26.366	-0.5063
1034	50	Unbiased	26.86	26.38	-0.4808
1035	50	Biased-84Hr-Anneal	26.858	26.491	-0.3668
1036	50	Biased-84Hr-Anneal	27.064	26.659	-0.4054
1037	50	Biased-84Hr-Anneal	27.041	26.678	-0.3637
1038	50	Biased-84Hr-Anneal	26.817	26.287	-0.5305
1039	50	Biased-84Hr-Anneal	26.659	26.445	-0.2136
1040	100	Unbiased-168Hr-Anneal	26.653	26.17	-0.4828
1041	100	Unbiased-168Hr-Anneal	26.885	26.393	-0.4926
1042	100	Unbiased-168Hr-Anneal	27.064	26.523	-0.5414
1043	100	Unbiased-168Hr-Anneal	26.603	26.146	-0.4571
1044	100	Unbiased-168Hr-Anneal	26.775	26.29	-0.4844
1045	100	Biased-168Hr-Anneal	26.791	27.022	0.2309
1046	100	Biased-168Hr-Anneal	26.922	27.094	0.172
1047	100	Biased-168Hr-Anneal	27.117	27.287	0.17
1048	100	Biased-168Hr-Anneal	26.769	26.427	-0.3423
1049	100	Biased-168Hr-Anneal	26.763	27.012	0.2487



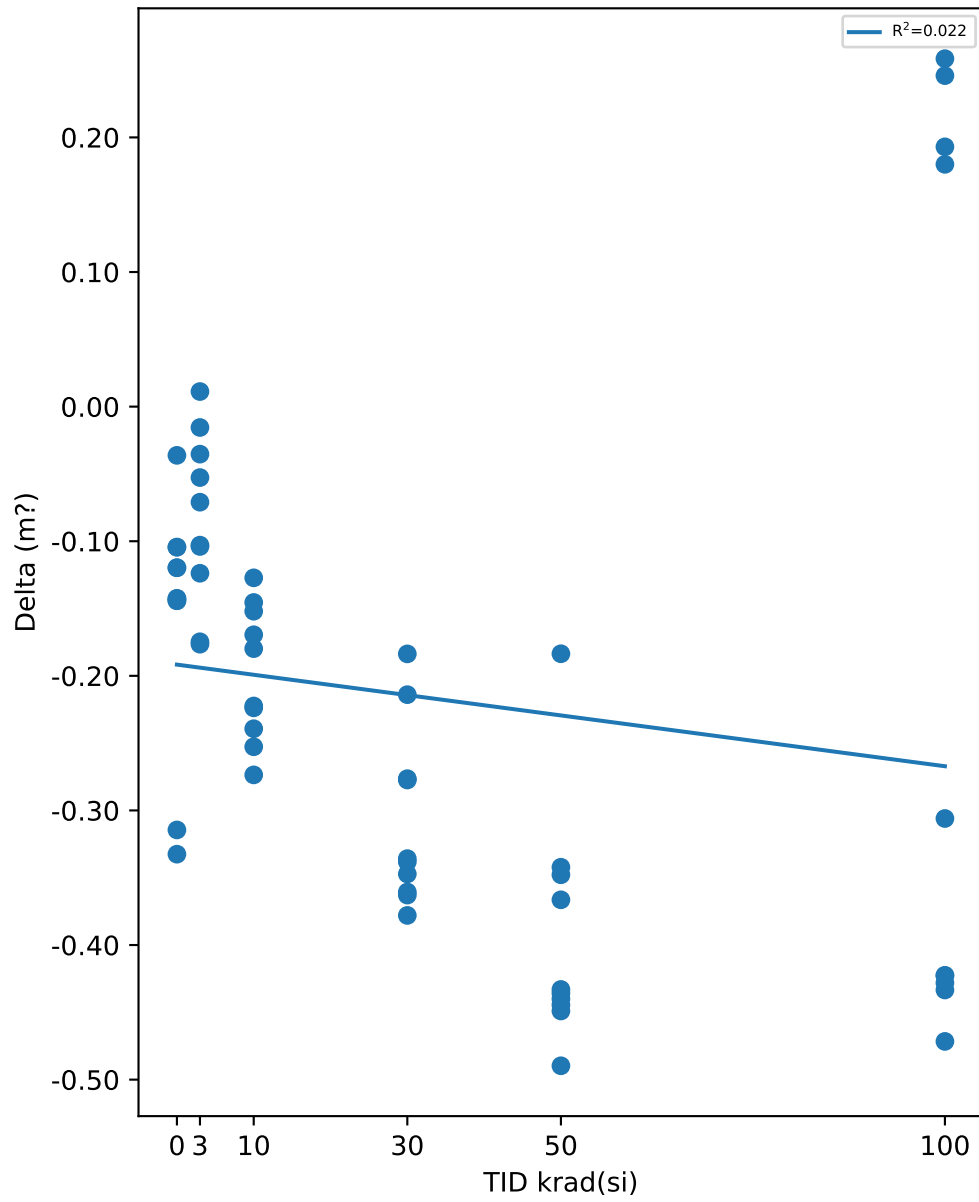
Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.668	27.059	27.26	0.22913	26.33	26.835	27.13	0.33183	-0.4307	-0.22382	-0.1051	0.15021
3	26.708	27.074	27.364	0.21639	26.55	26.956	27.238	0.21078	-0.1823	-0.11811	-0.0733	0.036165
10	26.871	27.065	27.317	0.14943	26.612	26.833	27.067	0.14663	-0.2846	-0.23202	-0.151	0.04076
30	26.707	26.96	27.353	0.2062	26.422	26.609	26.984	0.20513	-0.4238	-0.35118	-0.2694	0.049173
50	26.659	26.91	27.064	0.12519	26.287	26.476	26.678	0.1252	-0.5305	-0.43364	-0.2136	0.0977
100	26.603	26.834	27.117	0.16479	26.146	26.636	27.287	0.42384	-0.5414	-0.1979	0.2487	0.35145

TID vs Result Stats



TID vs Post - Pre Exposure Delta



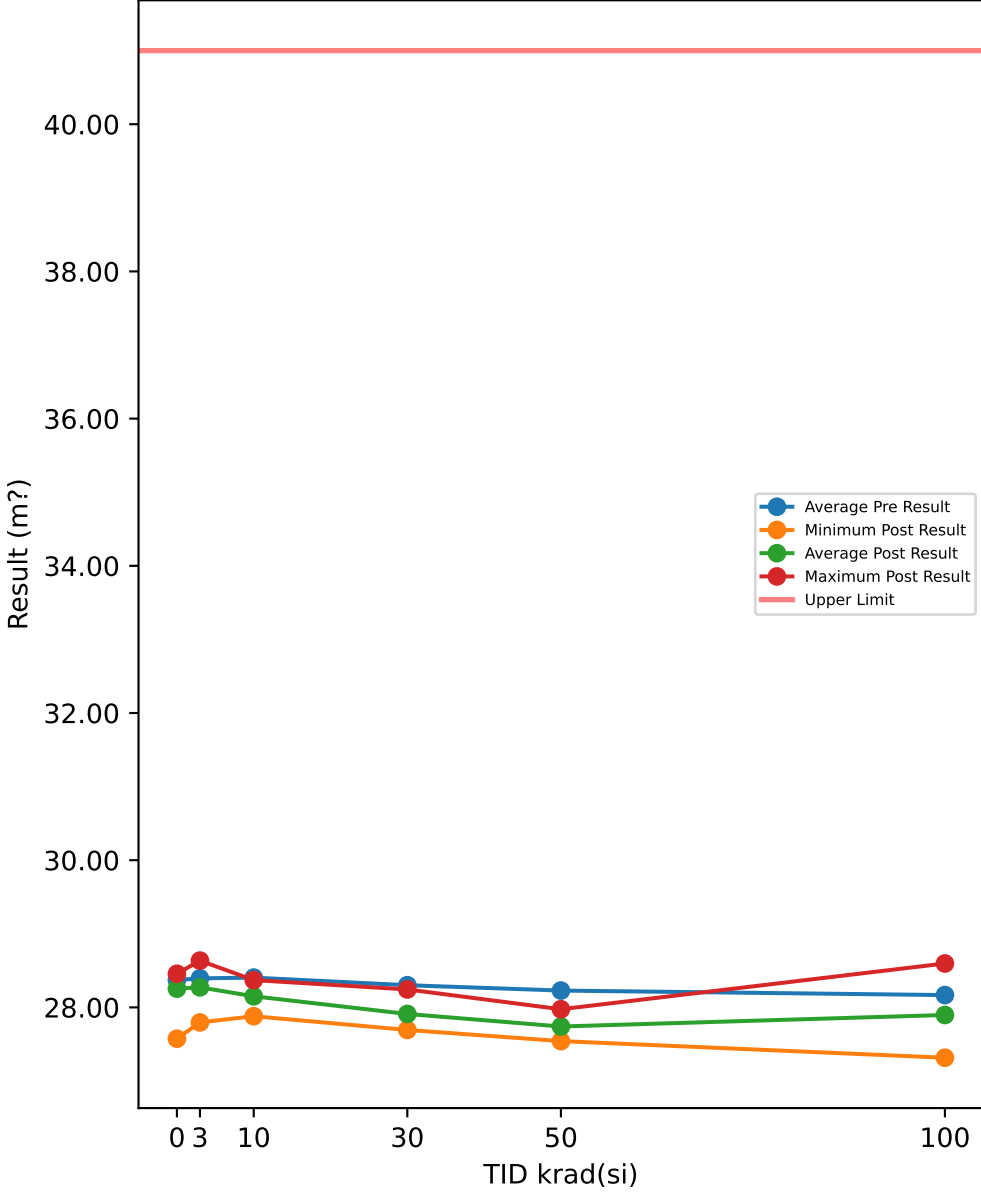
Test Results (Upper Limit = 36.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	25.511	25.196	-0.3145
516	0	CORRELATION	25.852	25.52	-0.3325
721	0	CORRELATION	25.841	25.805	-0.0362
723	0	CORRELATION	26.066	25.961	-0.1044
729	0	CORRELATION	25.974	25.83	-0.1442
1000	3	Unbiased	25.763	25.748	-0.0155
1001	3	Unbiased	25.582	25.479	-0.1039
1002	3	Unbiased	25.483	25.38	-0.1029
1003	3	Unbiased	25.876	25.752	-0.1238
1004	3	Unbiased	25.756	25.767	0.0112
1005	3	Biased	25.815	25.744	-0.071
1006	3	Biased	25.924	25.889	-0.0353
1007	3	Biased	26.098	25.921	-0.1765
1008	3	Biased	26.048	25.873	-0.1747
1009	3	Biased	26.082	26.03	-0.0527
1010	10	Unbiased	25.718	25.59	-0.1272
1011	10	Unbiased	25.687	25.434	-0.2527
1012	10	Unbiased	25.627	25.448	-0.1798
1013	10	Unbiased	25.913	25.768	-0.1455
1014	10	Unbiased	26.045	25.821	-0.2238
1015	10	Biased	26.089	25.866	-0.2224
1016	10	Biased	25.751	25.599	-0.152
1017	10	Biased	25.806	25.567	-0.2393
1018	10	Biased	25.721	25.448	-0.2736
1019	10	Biased	25.936	25.767	-0.1695
1020	30	Unbiased	25.422	25.208	-0.214
1021	30	Unbiased	25.828	25.644	-0.1837
1022	30	Unbiased	26.13	25.767	-0.3629
1023	30	Unbiased	25.598	25.251	-0.3472
1024	30	Unbiased	25.728	25.35	-0.378
1025	30	Biased	25.581	25.303	-0.2774
1026	30	Biased	25.81	25.534	-0.2764
1027	30	Biased	25.644	25.283	-0.3606
1028	30	Biased	25.674	25.338	-0.3358
1029	30	Biased	25.949	25.611	-0.3382
1030	50	Unbiased	25.744	25.299	-0.4445
1031	50	Unbiased	25.819	25.386	-0.433
1032	50	Unbiased	25.696	25.26	-0.4359
1033	50	Unbiased	25.666	25.217	-0.449
1034	50	Unbiased	25.682	25.242	-0.44
1035	50	Biased-84Hr-Anneal	25.686	25.343	-0.3422
1036	50	Biased-84Hr-Anneal	25.861	25.495	-0.3664
1037	50	Biased-84Hr-Anneal	25.851	25.503	-0.3478
1038	50	Biased-84Hr-Anneal	25.653	25.164	-0.4897
1039	50	Biased-84Hr-Anneal	25.492	25.308	-0.1836
1040	100	Unbiased-168Hr-Anneal	25.494	25.071	-0.4226
1041	100	Unbiased-168Hr-Anneal	25.671	25.243	-0.4281
1042	100	Unbiased-168Hr-Anneal	25.891	25.42	-0.4716
1043	100	Unbiased-168Hr-Anneal	25.458	25.036	-0.4226
1044	100	Unbiased-168Hr-Anneal	25.601	25.167	-0.4334
1045	100	Biased-168Hr-Anneal	25.59	25.836	0.2459
1046	100	Biased-168Hr-Anneal	25.737	25.93	0.193
1047	100	Biased-168Hr-Anneal	25.866	26.046	0.18
1048	100	Biased-168Hr-Anneal	25.546	25.24	-0.306
1049	100	Biased-168Hr-Anneal	25.563	25.821	0.2585

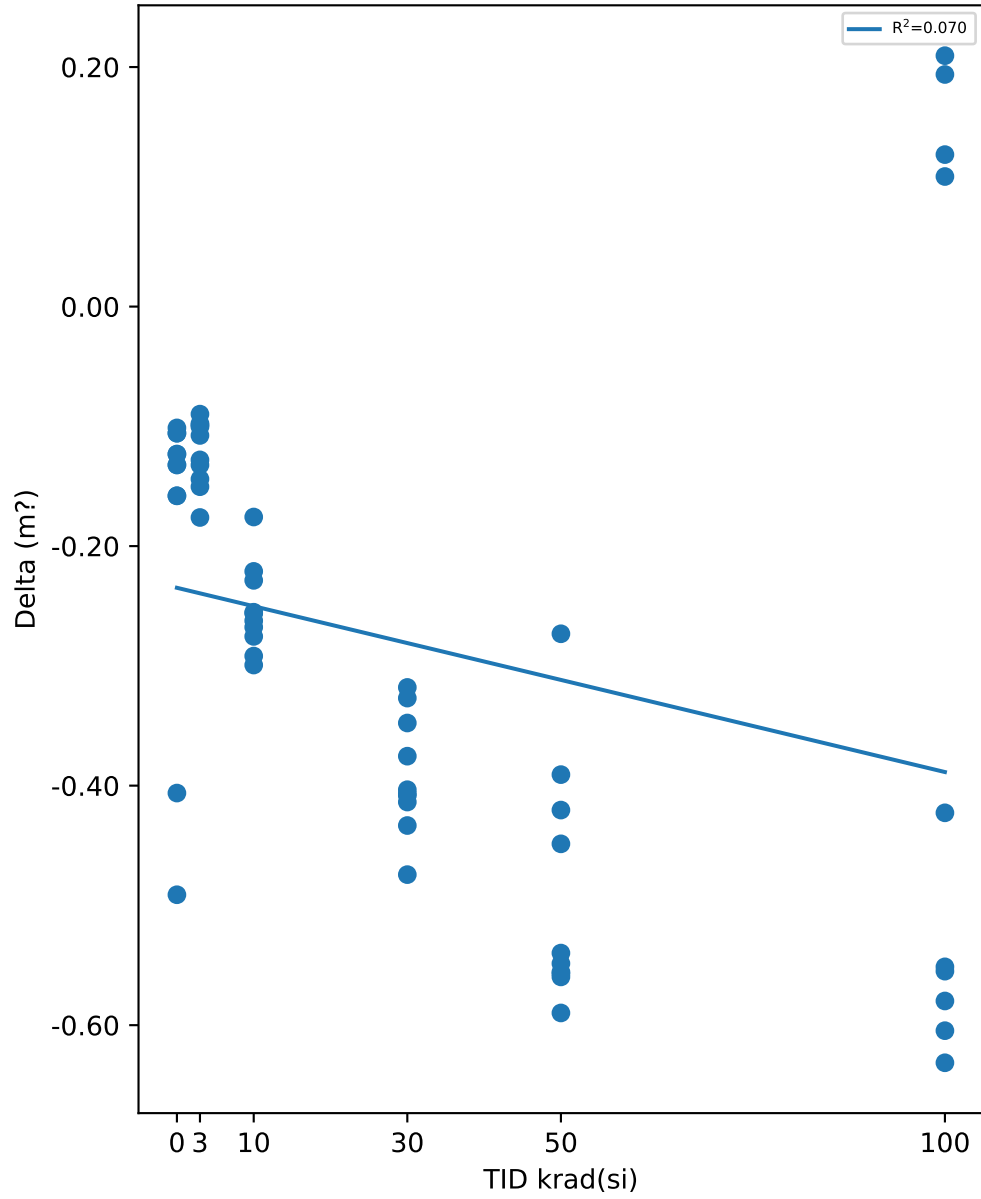
Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	25.511	25.849	26.066	0.2103	25.196	25.662	25.961	0.30625	-0.3325	-0.18636	-0.0362	0.13117
3	25.483	25.843	26.098	0.2067	25.38	25.758	26.03	0.19793	-0.1765	-0.08451	0.0112	0.06359
10	25.627	25.829	26.089	0.15776	25.434	25.631	25.866	0.1637	-0.2736	-0.19858	-0.1272	0.050221
30	25.422	25.736	26.13	0.20231	25.208	25.429	25.767	0.19337	-0.378	-0.30742	-0.1837	0.066767
50	25.492	25.715	25.861	0.11034	25.164	25.322	25.503	0.11257	-0.4897	-0.39321	-0.1836	0.088171
100	25.458	25.642	25.891	0.14813	25.036	25.481	26.046	0.38666	-0.4716	-0.16069	0.2585	0.3305

TID vs Result Stats



TID vs Post - Pre Exposure Delta

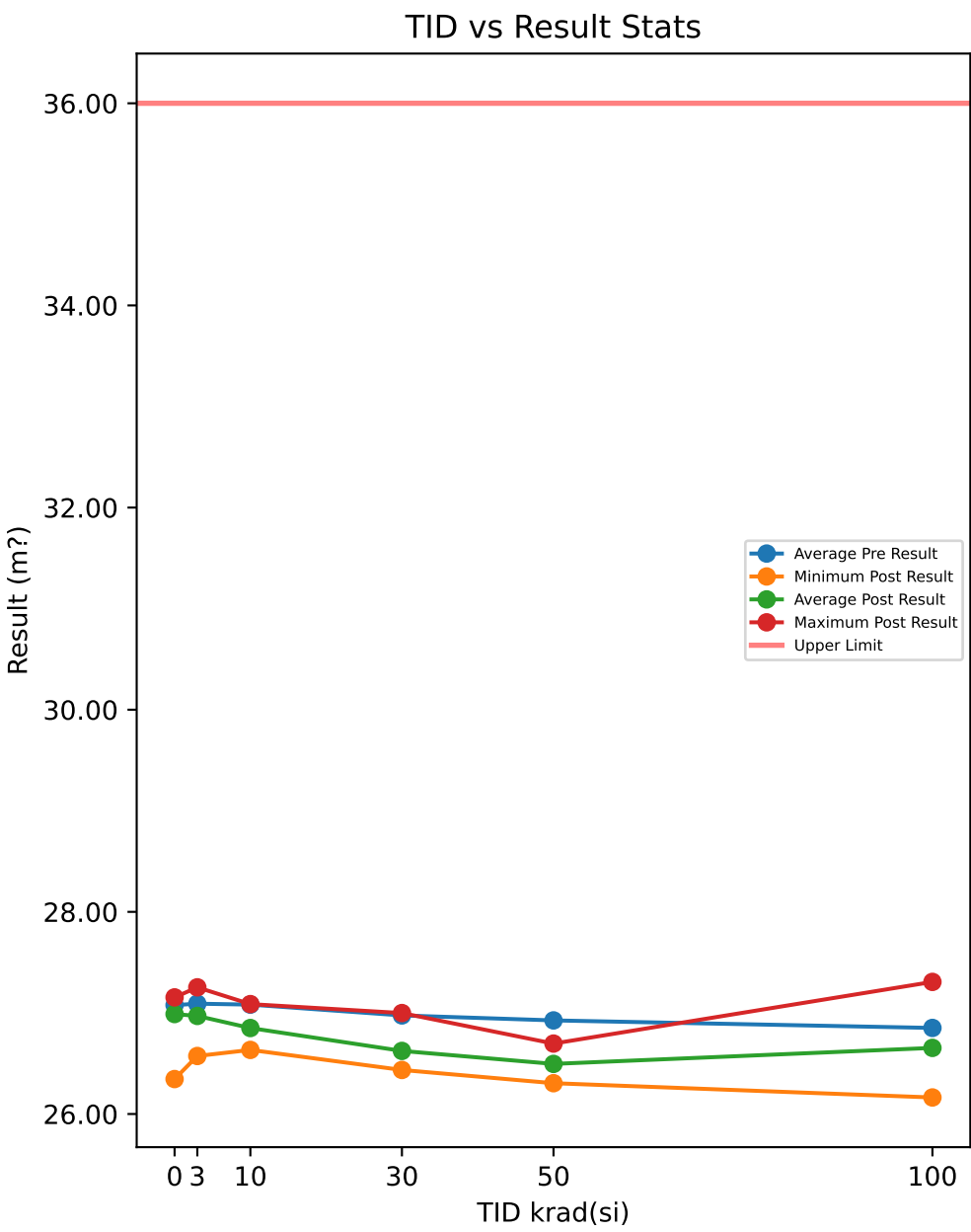


Test Results (Upper Limit = 41.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	27.981	27.575	-0.4062
516	0	CORRELATION	28.43	27.939	-0.4911
721	0	CORRELATION	28.453	28.352	-0.1013
723	0	CORRELATION	28.58	28.457	-0.1232
729	0	CORRELATION	28.414	28.309	-0.1057
1000	3	Unbiased	28.342	28.243	-0.099
1001	3	Unbiased	28.128	28	-0.128
1002	3	Unbiased	27.946	27.796	-0.1504
1003	3	Unbiased	28.422	28.322	-0.1003
1004	3	Unbiased	28.379	28.281	-0.0977
1005	3	Biased	28.255	28.165	-0.0898
1006	3	Biased	28.531	28.423	-0.1076
1007	3	Biased	28.596	28.42	-0.1761
1008	3	Biased	28.578	28.434	-0.144
1009	3	Biased	28.768	28.635	-0.1323
1010	10	Unbiased	28.373	28.197	-0.1757
1011	10	Unbiased	28.155	27.88	-0.2754
1012	10	Unbiased	28.274	28.053	-0.2211
1013	10	Unbiased	28.448	28.186	-0.2623
1014	10	Unbiased	28.522	28.254	-0.2677
1015	10	Biased	28.627	28.371	-0.2562
1016	10	Biased	28.435	28.206	-0.2286
1017	10	Biased	28.325	28.033	-0.2918
1018	10	Biased	28.336	28.037	-0.2993
1019	10	Biased	28.548	28.293	-0.2552
1020	30	Unbiased	28.018	27.701	-0.318
1021	30	Unbiased	28.532	28.205	-0.3269
1022	30	Unbiased	28.647	28.244	-0.4034
1023	30	Unbiased	28.102	27.693	-0.4083
1024	30	Unbiased	28.368	27.894	-0.4743
1025	30	Biased	28.119	27.771	-0.3477
1026	30	Biased	28.408	28.032	-0.3754
1027	30	Biased	28.151	27.738	-0.4137
1028	30	Biased	28.197	27.763	-0.4333
1029	30	Biased	28.474	28.067	-0.4067
1030	50	Unbiased	28.316	27.726	-0.5898
1031	50	Unbiased	28.421	27.861	-0.5597
1032	50	Unbiased	28.337	27.782	-0.5556
1033	50	Unbiased	28.137	27.58	-0.557
1034	50	Unbiased	28.082	27.542	-0.5398
1035	50	Biased-84Hr-Anneal	28.162	27.771	-0.3908
1036	50	Biased-84Hr-Anneal	28.423	27.975	-0.4486
1037	50	Biased-84Hr-Anneal	28.339	27.918	-0.4204
1038	50	Biased-84Hr-Anneal	28.108	27.56	-0.5485
1039	50	Biased-84Hr-Anneal	27.959	27.686	-0.2732
1040	100	Unbiased-168Hr-Anneal	27.871	27.316	-0.5549
1041	100	Unbiased-168Hr-Anneal	28.277	27.672	-0.6046
1042	100	Unbiased-168Hr-Anneal	28.385	27.753	-0.6314
1043	100	Unbiased-168Hr-Anneal	27.887	27.336	-0.5513
1044	100	Unbiased-168Hr-Anneal	28.091	27.512	-0.5798
1045	100	Biased-168Hr-Anneal	28.167	28.361	0.1938
1046	100	Biased-168Hr-Anneal	28.257	28.384	0.1269
1047	100	Biased-168Hr-Anneal	28.488	28.596	0.1086
1048	100	Biased-168Hr-Anneal	28.143	27.72	-0.4227
1049	100	Biased-168Hr-Anneal	28.107	28.317	0.2095

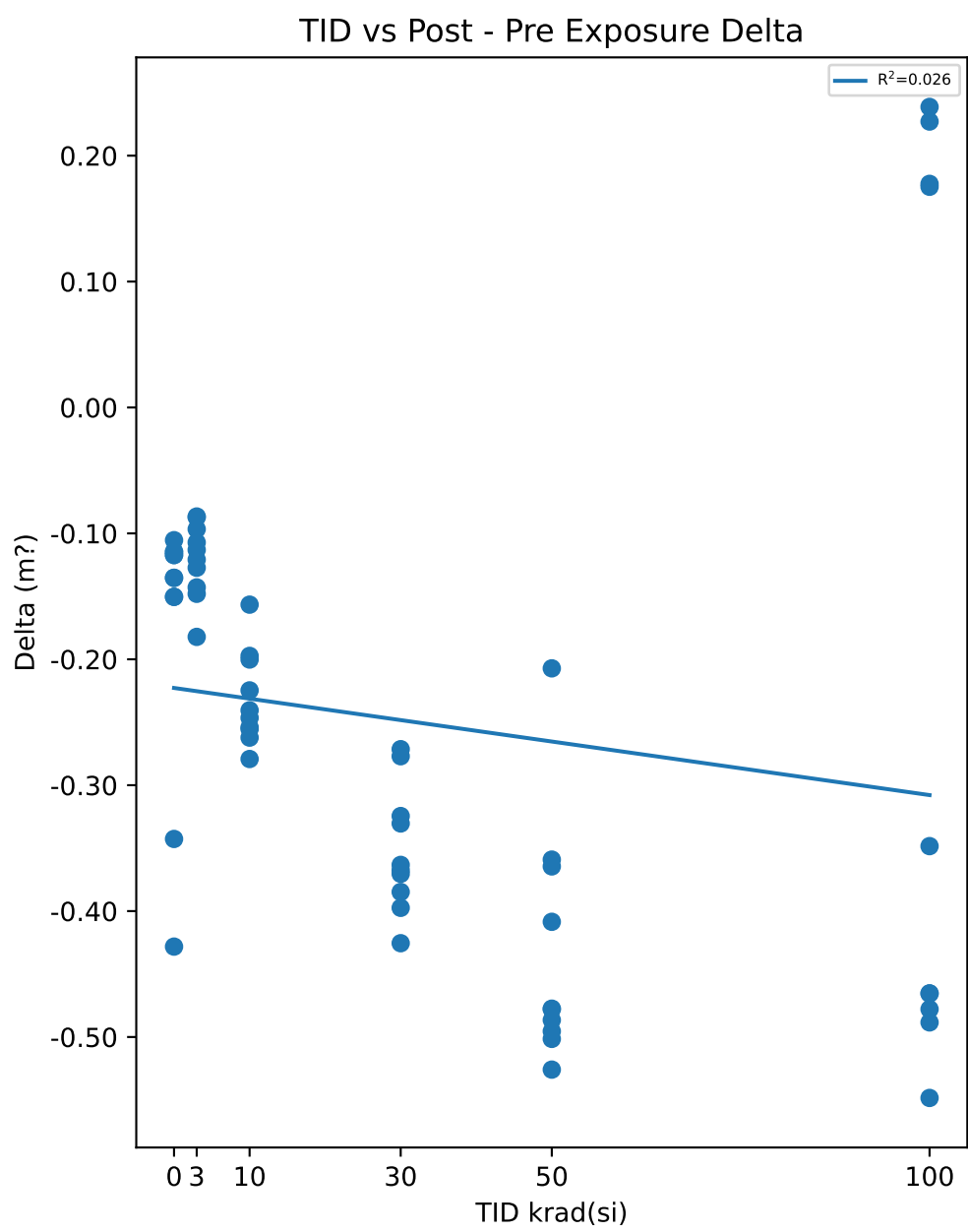
Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.981	28.372	28.58	0.22808	27.575	28.126	28.457	0.36505	-0.4911	-0.2455	-0.1013	0.18804
3	27.946	28.394	28.768	0.2421	27.796	28.272	28.635	0.24008	-0.1761	-0.12252	-0.0898	0.028267
10	28.155	28.404	28.627	0.14051	27.88	28.151	28.371	0.14733	-0.2993	-0.25333	-0.1757	0.0366
30	28.018	28.302	28.647	0.21211	27.693	27.911	28.244	0.21075	-0.4743	-0.39077	-0.318	0.048875
50	27.959	28.229	28.423	0.15909	27.542	27.74	27.975	0.15076	-0.5898	-0.48834	-0.2732	0.10159
100	27.871	28.167	28.488	0.19613	27.316	27.897	28.596	0.4739	-0.6314	-0.27059	0.2095	0.37536



Test Results (Upper Limit = 36.0 (m?))

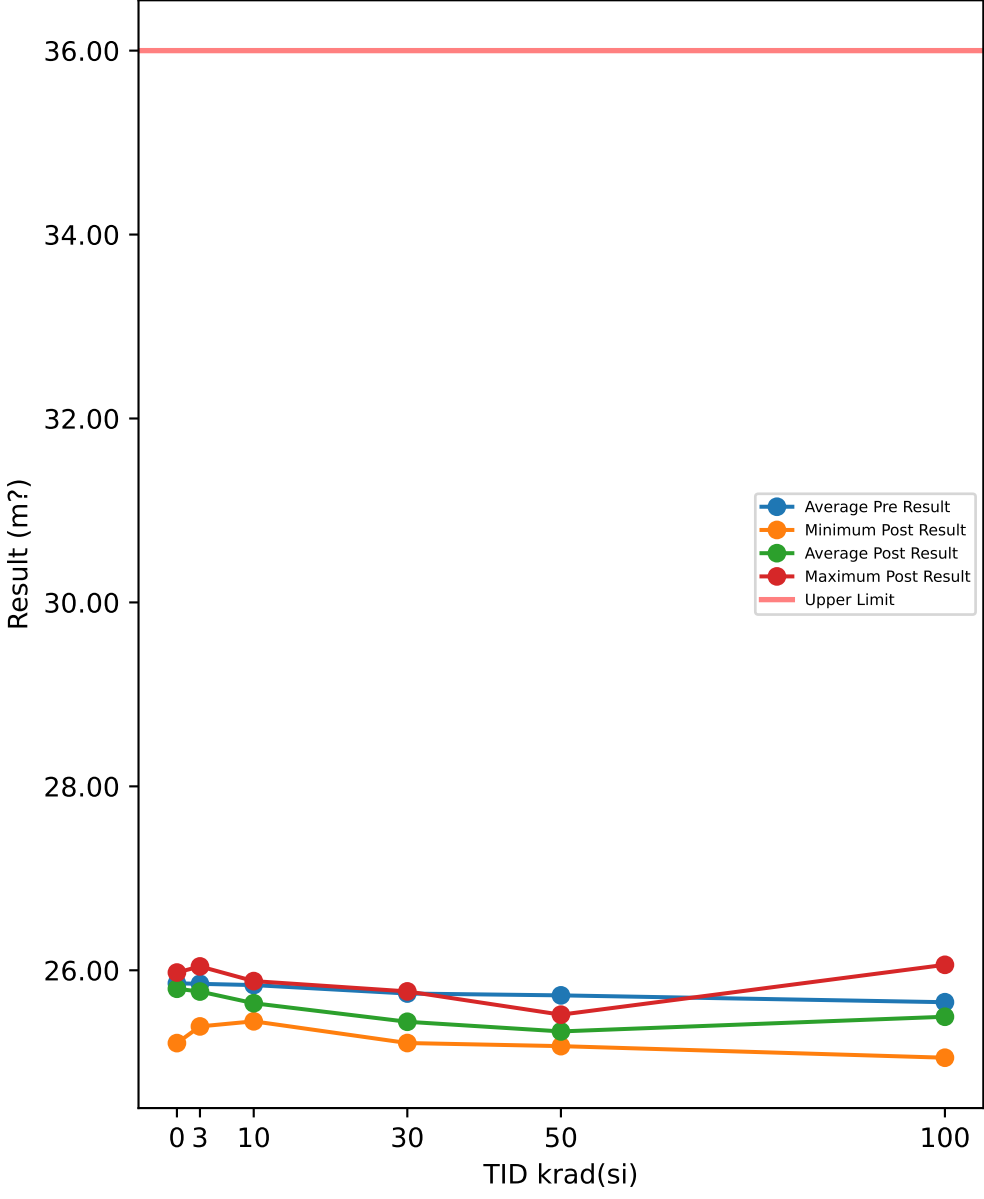
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	26.688	26.346	-0.3427
516	0	CORRELATION	27.123	26.695	-0.4282
721	0	CORRELATION	27.106	27	-0.1054
723	0	CORRELATION	27.271	27.154	-0.1172
729	0	CORRELATION	27.197	27.082	-0.1146
1000	3	Unbiased	27.033	26.945	-0.0872
1001	3	Unbiased	26.796	26.675	-0.1208
1002	3	Unbiased	26.722	26.574	-0.148
1003	3	Unbiased	27.102	26.989	-0.1131
1004	3	Unbiased	27.077	26.981	-0.0966
1005	3	Biased	27.005	26.918	-0.0866
1006	3	Biased	27.19	27.082	-0.1072
1007	3	Biased	27.313	27.131	-0.1822
1008	3	Biased	27.296	27.153	-0.1429
1009	3	Biased	27.381	27.253	-0.1273
1010	10	Unbiased	26.991	26.834	-0.1566
1011	10	Unbiased	26.888	26.634	-0.254
1012	10	Unbiased	26.921	26.724	-0.1973
1013	10	Unbiased	27.165	26.94	-0.2247
1014	10	Unbiased	27.247	26.992	-0.2554
1015	10	Biased	27.334	27.087	-0.2465
1016	10	Biased	27.047	26.847	-0.2002
1017	10	Biased	27.028	26.765	-0.2622
1018	10	Biased	26.987	26.708	-0.2792
1019	10	Biased	27.214	26.974	-0.2405
1020	30	Unbiased	26.728	26.451	-0.277
1021	30	Unbiased	27.134	26.863	-0.2714
1022	30	Unbiased	27.366	26.999	-0.3675
1023	30	Unbiased	26.803	26.44	-0.3633
1024	30	Unbiased	26.965	26.54	-0.4255
1025	30	Biased	26.782	26.457	-0.3245
1026	30	Biased	27.086	26.756	-0.3304
1027	30	Biased	26.82	26.436	-0.3848
1028	30	Biased	26.909	26.512	-0.3974
1029	30	Biased	27.158	26.788	-0.3704
1030	50	Unbiased	26.976	26.474	-0.5015
1031	50	Unbiased	27.058	26.581	-0.4775
1032	50	Unbiased	26.94	26.462	-0.4779
1033	50	Unbiased	26.883	26.388	-0.4954
1034	50	Unbiased	26.881	26.394	-0.4865
1035	50	Biased-84Hr-Anneal	26.878	26.514	-0.3645
1036	50	Biased-84Hr-Anneal	27.083	26.674	-0.4085
1037	50	Biased-84Hr-Anneal	27.056	26.697	-0.3591
1038	50	Biased-84Hr-Anneal	26.831	26.305	-0.5259
1039	50	Biased-84Hr-Anneal	26.674	26.467	-0.2072
1040	100	Unbiased-168Hr-Anneal	26.659	26.193	-0.4654
1041	100	Unbiased-168Hr-Anneal	26.899	26.411	-0.4884
1042	100	Unbiased-168Hr-Anneal	27.085	26.537	-0.5484
1043	100	Unbiased-168Hr-Anneal	26.629	26.163	-0.4654
1044	100	Unbiased-168Hr-Anneal	26.787	26.309	-0.4779
1045	100	Biased-168Hr-Anneal	26.812	27.039	0.2271
1046	100	Biased-168Hr-Anneal	26.938	27.115	0.1776
1047	100	Biased-168Hr-Anneal	27.132	27.307	0.1753
1048	100	Biased-168Hr-Anneal	26.786	26.438	-0.3484
1049	100	Biased-168Hr-Anneal	26.788	27.027	0.2387



Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.688	27.077	27.271	0.22692	26.346	26.855	27.154	0.33427	-0.4282	-0.22162	-0.1054	0.15264
3	26.722	27.091	27.381	0.2159	26.574	26.97	27.253	0.21081	-0.1822	-0.12119	-0.0866	0.030125
10	26.888	27.082	27.334	0.14913	26.634	26.851	27.087	0.14536	-0.2792	-0.23166	-0.1566	0.037128
30	26.728	26.975	27.366	0.20561	26.436	26.624	26.999	0.20773	-0.4255	-0.35122	-0.2714	0.050093
50	26.674	26.926	27.083	0.12484	26.305	26.496	26.697	0.12496	-0.5259	-0.4304	-0.2072	0.097608
100	26.629	26.851	27.132	0.1644	26.163	26.654	27.307	0.42399	-0.5484	-0.19752	0.2387	0.35007

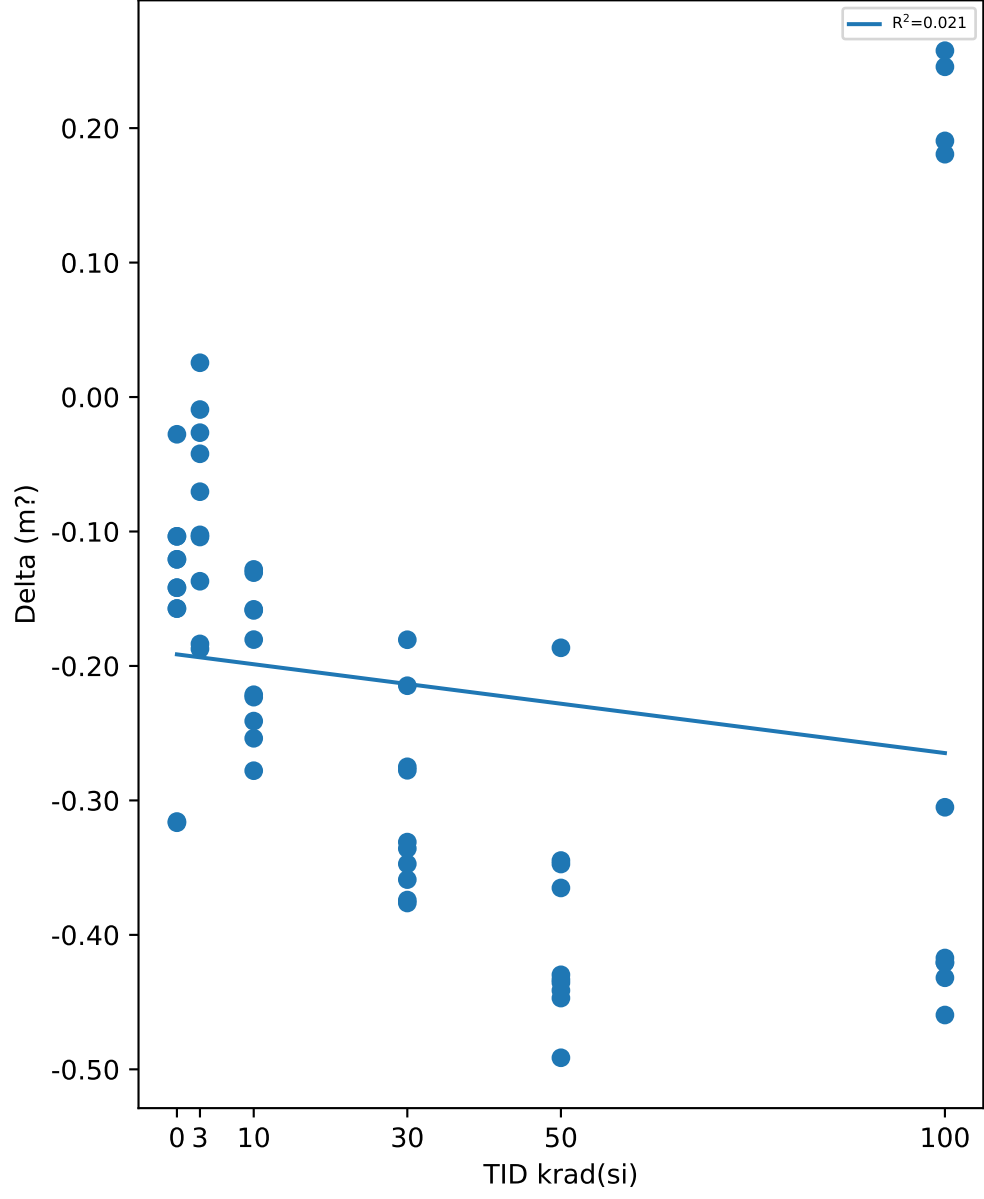
TID vs Result Stats



Test Results (Upper Limit = 36.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	25.524	25.208	-0.3157
516	0	CORRELATION	25.852	25.535	-0.3166
721	0	CORRELATION	25.847	25.82	-0.0277
723	0	CORRELATION	26.079	25.976	-0.1036
729	0	CORRELATION	25.989	25.832	-0.1573
1000	3	Unbiased	25.772	25.763	-0.0093
1001	3	Unbiased	25.597	25.493	-0.1041
1002	3	Unbiased	25.492	25.39	-0.1025
1003	3	Unbiased	25.892	25.755	-0.137
1004	3	Unbiased	25.757	25.782	0.0255
1005	3	Biased	25.828	25.758	-0.0704
1006	3	Biased	25.929	25.903	-0.0265
1007	3	Biased	26.114	25.93	-0.1836
1008	3	Biased	26.062	25.874	-0.1873
1009	3	Biased	26.084	26.042	-0.0422
1010	10	Unbiased	25.732	25.603	-0.1282
1011	10	Unbiased	25.699	25.445	-0.2538
1012	10	Unbiased	25.628	25.448	-0.1804
1013	10	Unbiased	25.915	25.784	-0.1306
1014	10	Unbiased	26.059	25.836	-0.2232
1015	10	Biased	26.104	25.882	-0.2214
1016	10	Biased	25.759	25.6	-0.1587
1017	10	Biased	25.821	25.58	-0.241
1018	10	Biased	25.736	25.458	-0.2779
1019	10	Biased	25.938	25.78	-0.1579
1020	30	Unbiased	25.424	25.209	-0.2147
1021	30	Unbiased	25.838	25.657	-0.1805
1022	30	Unbiased	26.145	25.77	-0.3741
1023	30	Unbiased	25.612	25.265	-0.3472
1024	30	Unbiased	25.74	25.364	-0.3763
1025	30	Biased	25.595	25.317	-0.2776
1026	30	Biased	25.821	25.546	-0.275
1027	30	Biased	25.657	25.298	-0.3589
1028	30	Biased	25.683	25.352	-0.331
1029	30	Biased	25.96	25.624	-0.3358
1030	50	Unbiased	25.753	25.311	-0.4413
1031	50	Unbiased	25.829	25.399	-0.4297
1032	50	Unbiased	25.709	25.274	-0.4355
1033	50	Unbiased	25.679	25.232	-0.447
1034	50	Unbiased	25.689	25.256	-0.4332
1035	50	Biased-84Hr-Anneal	25.701	25.356	-0.3447
1036	50	Biased-84Hr-Anneal	25.874	25.509	-0.3651
1037	50	Biased-84Hr-Anneal	25.865	25.517	-0.3473
1038	50	Biased-84Hr-Anneal	25.667	25.175	-0.4914
1039	50	Biased-84Hr-Anneal	25.508	25.322	-0.1865
1040	100	Unbiased-168Hr-Anneal	25.505	25.085	-0.4206
1041	100	Unbiased-168Hr-Anneal	25.674	25.257	-0.4172
1042	100	Unbiased-168Hr-Anneal	25.893	25.434	-0.4596
1043	100	Unbiased-168Hr-Anneal	25.47	25.049	-0.4206
1044	100	Unbiased-168Hr-Anneal	25.614	25.182	-0.4319
1045	100	Biased-168Hr-Anneal	25.603	25.849	0.2456
1046	100	Biased-168Hr-Anneal	25.754	25.944	0.1905
1047	100	Biased-168Hr-Anneal	25.879	26.059	0.1806
1048	100	Biased-168Hr-Anneal	25.561	25.256	-0.3051
1049	100	Biased-168Hr-Anneal	25.576	25.834	0.2576

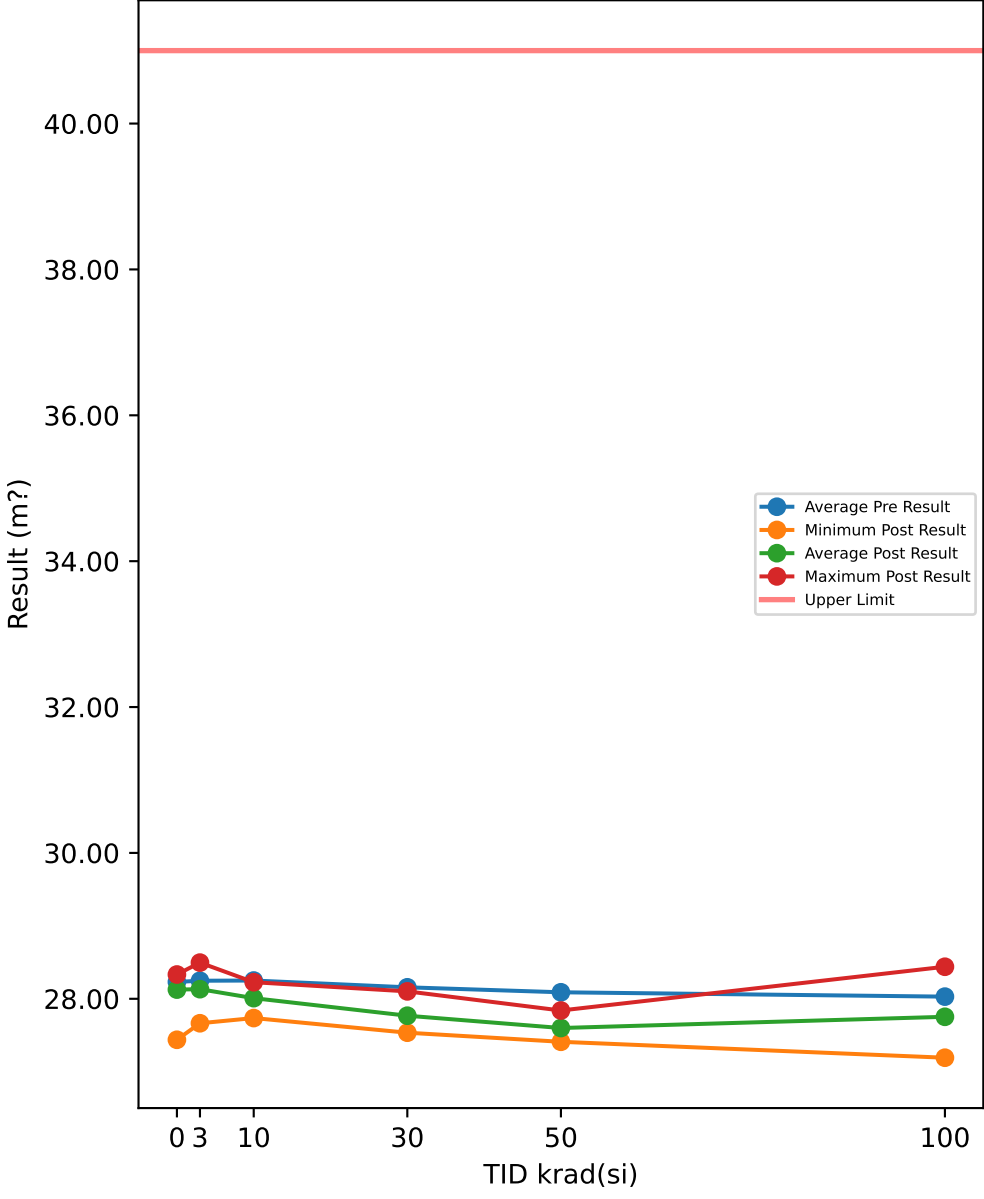
TID vs Post - Pre Exposure Delta



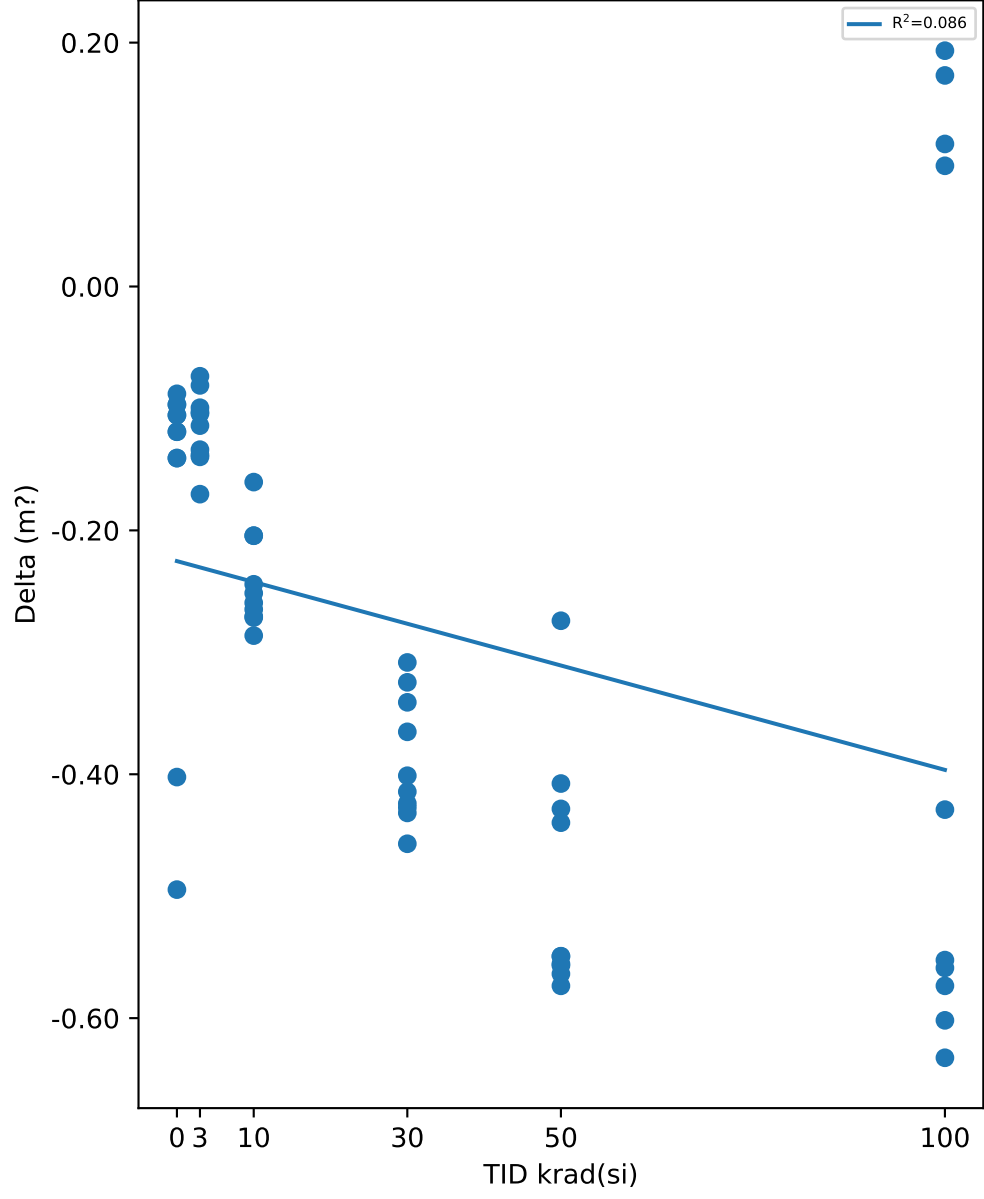
Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	25.524	25.858	26.079	0.21092	25.208	25.674	25.976	0.30548	-0.3166	-0.18418	-0.0277	0.12897
3	25.492	25.853	26.114	0.2067	25.39	25.769	26.042	0.19725	-0.1873	-0.08374	0.0255	0.07223
10	25.628	25.839	26.104	0.15886	25.445	25.642	25.882	0.16737	-0.2779	-0.19731	-0.1282	0.053126
30	25.424	25.747	26.145	0.2042	25.209	25.44	25.77	0.19276	-0.3763	-0.30711	-0.1805	0.067848
50	25.508	25.727	25.874	0.1095	25.175	25.335	25.517	0.11309	-0.4914	-0.39217	-0.1865	0.086625
100	25.47	25.653	25.893	0.14651	25.049	25.495	26.059	0.38636	-0.4596	-0.15807	0.2576	0.32735

TID vs Result Stats



TID vs Post - Pre Exposure Delta



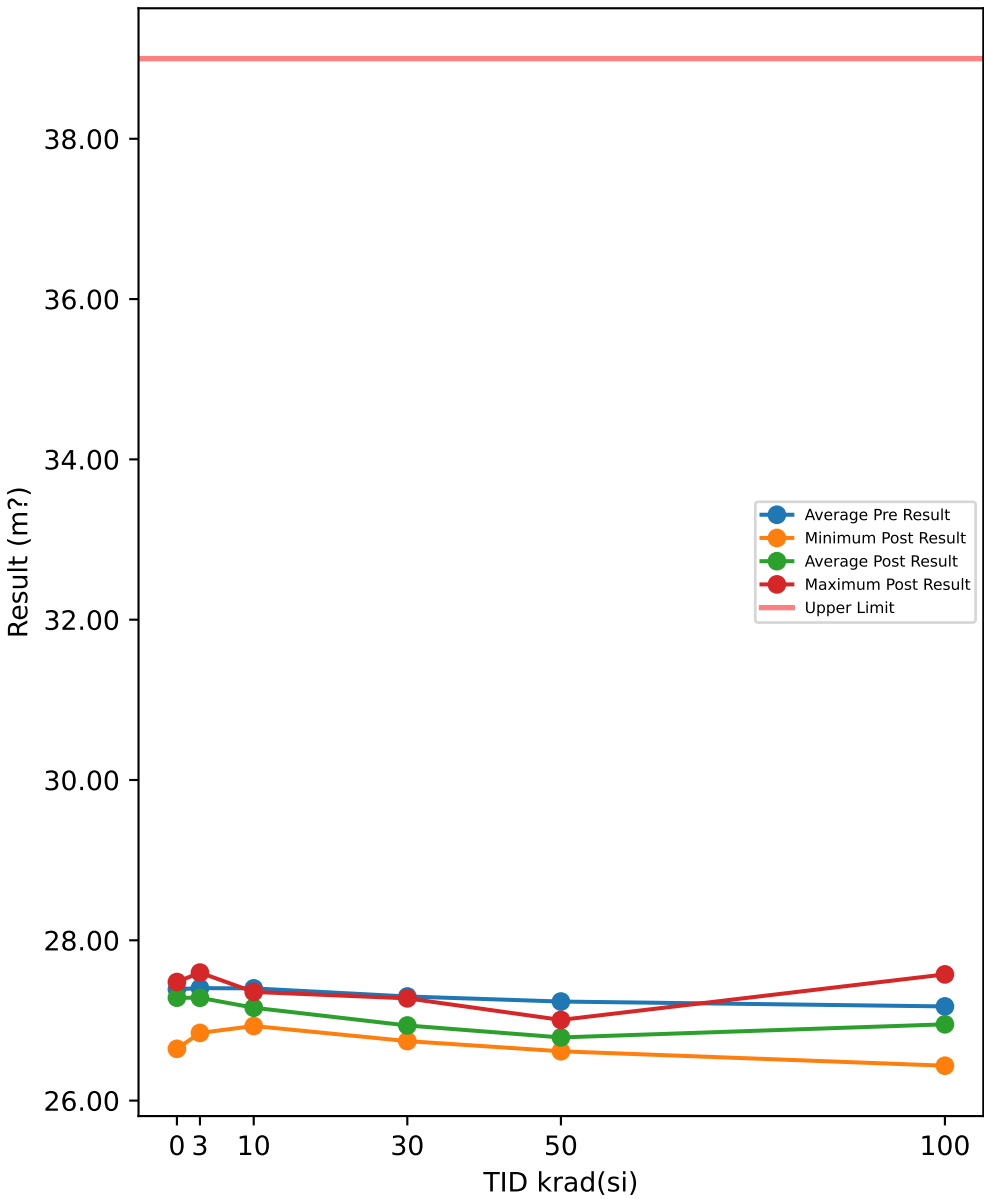
Test Results (Upper Limit = 41.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	27.84	27.438	-0.4023
516	0	CORRELATION	28.293	27.799	-0.4946
721	0	CORRELATION	28.308	28.22	-0.088
723	0	CORRELATION	28.438	28.333	-0.1055
729	0	CORRELATION	28.275	28.178	-0.0968
1000	3	Unbiased	28.181	28.1	-0.0811
1001	3	Unbiased	27.964	27.85	-0.1141
1002	3	Unbiased	27.804	27.665	-0.1397
1003	3	Unbiased	28.27	28.167	-0.103
1004	3	Unbiased	28.245	28.14	-0.1043
1005	3	Biased	28.122	28.048	-0.0736
1006	3	Biased	28.388	28.289	-0.0994
1007	3	Biased	28.454	28.284	-0.1703
1008	3	Biased	28.417	28.279	-0.138
1009	3	Biased	28.63	28.496	-0.1338
1010	10	Unbiased	28.183	28.023	-0.1604
1011	10	Unbiased	28.006	27.736	-0.2705
1012	10	Unbiased	28.131	27.926	-0.2043
1013	10	Unbiased	28.31	28.066	-0.2442
1014	10	Unbiased	28.383	28.124	-0.2594
1015	10	Biased	28.479	28.227	-0.2515
1016	10	Biased	28.268	28.064	-0.2044
1017	10	Biased	28.168	27.896	-0.2715
1018	10	Biased	28.164	27.878	-0.2863
1019	10	Biased	28.411	28.146	-0.2648
1020	30	Unbiased	27.884	27.56	-0.3246
1021	30	Unbiased	28.368	28.059	-0.3083
1022	30	Unbiased	28.503	28.102	-0.4012
1023	30	Unbiased	27.949	27.535	-0.4143
1024	30	Unbiased	28.216	27.759	-0.457
1025	30	Biased	27.979	27.638	-0.341
1026	30	Biased	28.252	27.887	-0.3652
1027	30	Biased	28.012	27.588	-0.4239
1028	30	Biased	28.061	27.629	-0.4317
1029	30	Biased	28.35	27.923	-0.4273
1030	50	Unbiased	28.169	27.596	-0.5735
1031	50	Unbiased	28.268	27.704	-0.5637
1032	50	Unbiased	28.182	27.625	-0.5568
1033	50	Unbiased	28.005	27.449	-0.5555
1034	50	Unbiased	27.96	27.41	-0.5493
1035	50	Biased-84Hr-Anneal	28.032	27.624	-0.4076
1036	50	Biased-84Hr-Anneal	28.279	27.839	-0.4397
1037	50	Biased-84Hr-Anneal	28.2	27.772	-0.4284
1038	50	Biased-84Hr-Anneal	27.974	27.424	-0.5492
1039	50	Biased-84Hr-Anneal	27.823	27.549	-0.2741
1040	100	Unbiased-168Hr-Anneal	27.751	27.192	-0.5588
1041	100	Unbiased-168Hr-Anneal	28.121	27.519	-0.6018
1042	100	Unbiased-168Hr-Anneal	28.264	27.631	-0.6325
1043	100	Unbiased-168Hr-Anneal	27.755	27.203	-0.5524
1044	100	Unbiased-168Hr-Anneal	27.951	27.378	-0.5735
1045	100	Biased-168Hr-Anneal	28.034	28.207	0.1731
1046	100	Biased-168Hr-Anneal	28.119	28.236	0.1169
1047	100	Biased-168Hr-Anneal	28.34	28.439	0.099
1048	100	Biased-168Hr-Anneal	27.995	27.566	-0.429
1049	100	Biased-168Hr-Anneal	27.967	28.161	0.1934

Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.84	28.231	28.438	0.22776	27.438	27.994	28.333	0.36991	-0.4946	-0.23744	-0.088	0.19547
3	27.804	28.248	28.63	0.24386	27.665	28.132	28.496	0.2379	-0.1703	-0.11573	-0.0736	0.029648
10	28.006	28.25	28.479	0.1461	27.736	28.009	28.227	0.14812	-0.2863	-0.24173	-0.1604	0.039519
30	27.884	28.157	28.503	0.209	27.535	27.768	28.102	0.21093	-0.457	-0.38945	-0.3083	0.051044
50	27.823	28.089	28.279	0.15159	27.41	27.599	27.839	0.14571	-0.5735	-0.48978	-0.2741	0.098829
100	27.751	28.03	28.34	0.19204	27.192	27.753	28.439	0.46422	-0.6325	-0.27656	0.1934	0.36796

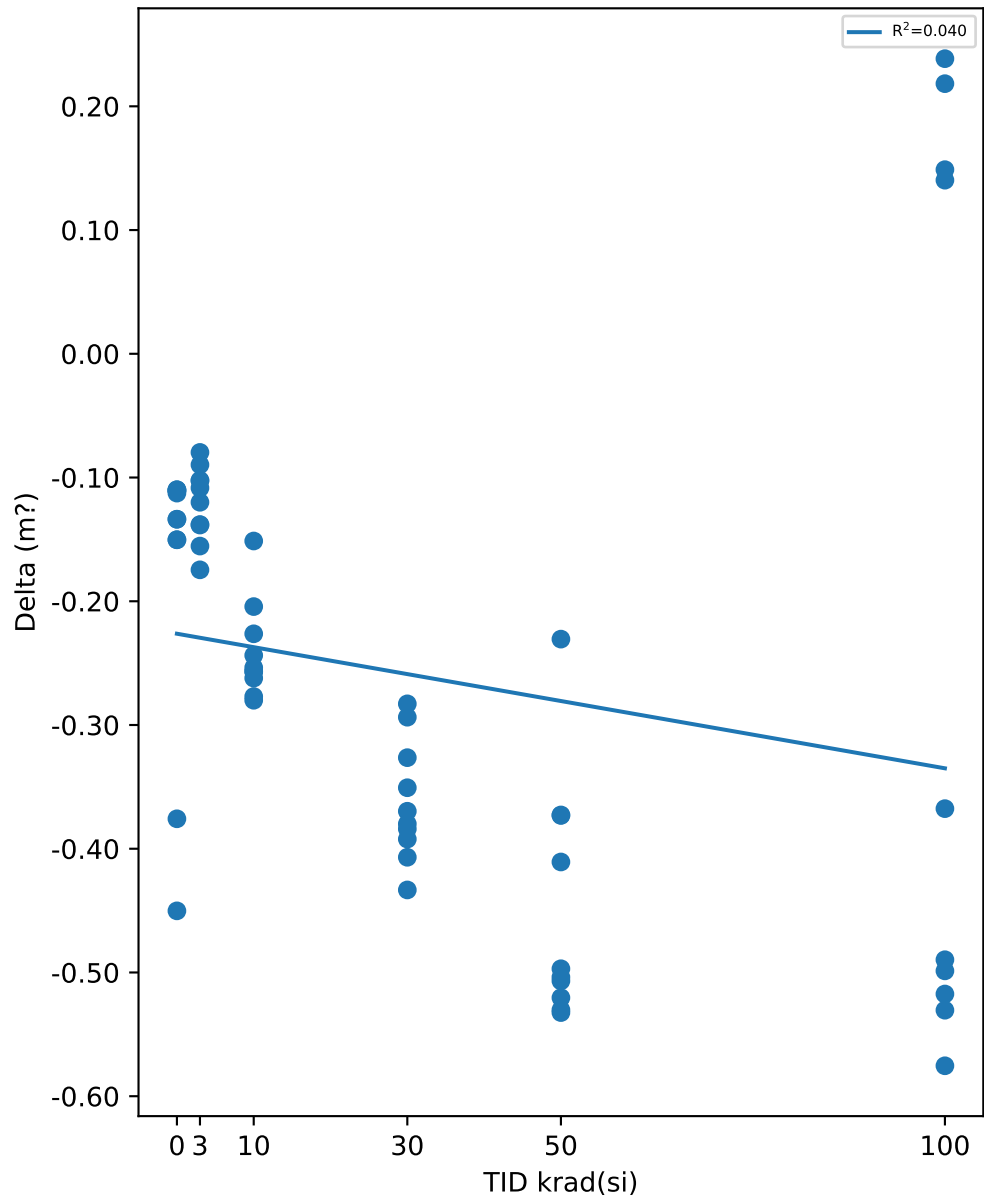
TID vs Result Stats



Test Results (Upper Limit = 39.0 (m?))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	27.022	26.646	-0.3758
516	0	CORRELATION	27.436	26.986	-0.4502
721	0	CORRELATION	27.447	27.334	-0.1126
723	0	CORRELATION	27.59	27.48	-0.1106
729	0	CORRELATION	27.452	27.342	-0.1099
1000	3	Unbiased	27.353	27.251	-0.1023
1001	3	Unbiased	27.13	27.022	-0.1084
1002	3	Unbiased	27	26.844	-0.1554
1003	3	Unbiased	27.422	27.319	-0.1025
1004	3	Unbiased	27.361	27.271	-0.0897
1005	3	Biased	27.295	27.216	-0.0797
1006	3	Biased	27.536	27.416	-0.12
1007	3	Biased	27.616	27.441	-0.1746
1008	3	Biased	27.585	27.447	-0.138
1009	3	Biased	27.735	27.597	-0.1384
1010	10	Unbiased	27.34	27.189	-0.1513
1011	10	Unbiased	27.184	26.931	-0.2536
1012	10	Unbiased	27.264	27.038	-0.2263
1013	10	Unbiased	27.479	27.235	-0.2437
1014	10	Unbiased	27.548	27.286	-0.2621
1015	10	Biased	27.613	27.356	-0.2571
1016	10	Biased	27.403	27.199	-0.2043
1017	10	Biased	27.332	27.052	-0.28
1018	10	Biased	27.289	27.012	-0.277
1019	10	Biased	27.549	27.292	-0.2564
1020	30	Unbiased	27.037	26.744	-0.2937
1021	30	Unbiased	27.467	27.184	-0.2829
1022	30	Unbiased	27.645	27.276	-0.3697
1023	30	Unbiased	27.122	26.742	-0.3799
1024	30	Unbiased	27.328	26.895	-0.4333
1025	30	Biased	27.127	26.8	-0.3264
1026	30	Biased	27.394	27.044	-0.3507
1027	30	Biased	27.182	26.79	-0.3922
1028	30	Biased	27.207	26.8	-0.4069
1029	30	Biased	27.482	27.098	-0.384
1030	50	Unbiased	27.304	26.771	-0.5324
1031	50	Unbiased	27.398	26.892	-0.5068
1032	50	Unbiased	27.297	26.793	-0.5038
1033	50	Unbiased	27.148	26.627	-0.5204
1034	50	Unbiased	27.124	26.627	-0.497
1035	50	Biased-84Hr-Anneal	27.189	26.816	-0.3731
1036	50	Biased-84Hr-Anneal	27.417	27.007	-0.4107
1037	50	Biased-84Hr-Anneal	27.348	26.975	-0.3727
1038	50	Biased-84Hr-Anneal	27.146	26.616	-0.5302
1039	50	Biased-84Hr-Anneal	26.989	26.758	-0.2306
1040	100	Unbiased-168Hr-Anneal	26.934	26.435	-0.4987
1041	100	Unbiased-168Hr-Anneal	27.269	26.738	-0.5305
1042	100	Unbiased-168Hr-Anneal	27.434	26.859	-0.5754
1043	100	Unbiased-168Hr-Anneal	26.935	26.445	-0.4897
1044	100	Unbiased-168Hr-Anneal	27.113	26.595	-0.5174
1045	100	Biased-168Hr-Anneal	27.156	27.374	0.2183
1046	100	Biased-168Hr-Anneal	27.263	27.412	0.1488
1047	100	Biased-168Hr-Anneal	27.434	27.575	0.1403
1048	100	Biased-168Hr-Anneal	27.113	26.745	-0.3676
1049	100	Biased-168Hr-Anneal	27.1	27.338	0.2385

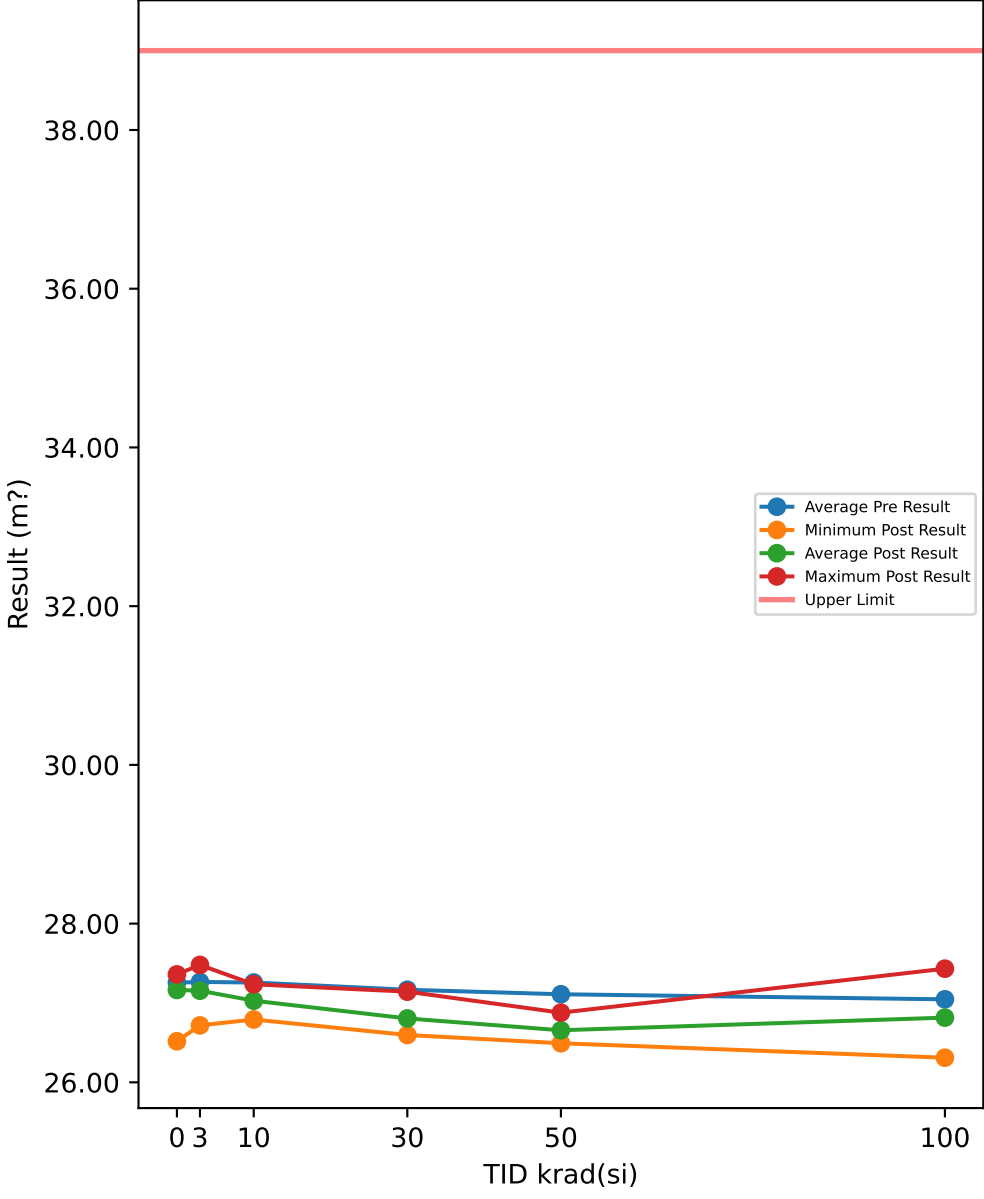
TID vs Post - Pre Exposure Delta



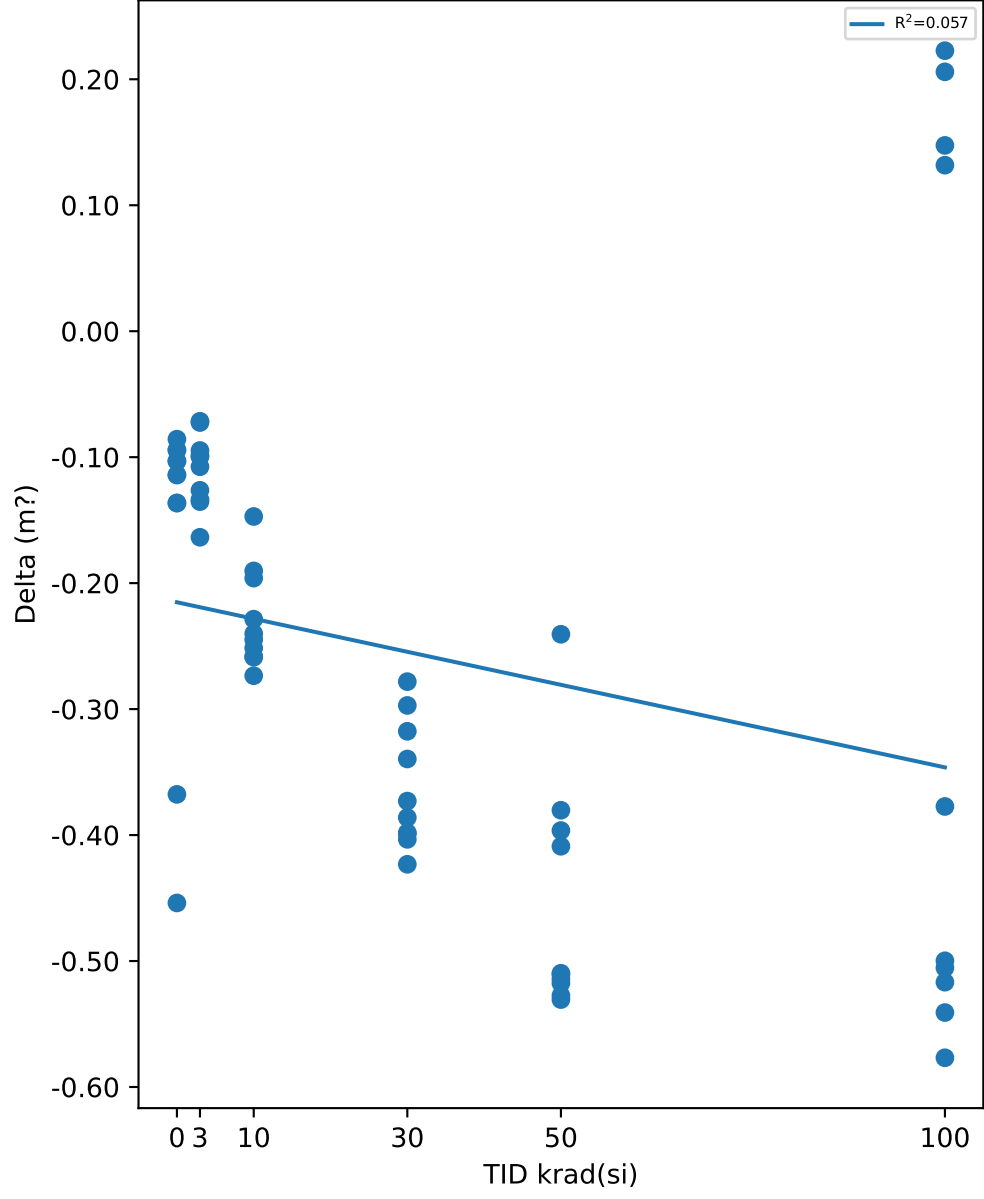
Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	27.022	27.389	27.59	0.21492	26.646	27.157	27.48	0.33914	-0.4502	-0.23182	-0.1099	0.16748
3	27	27.403	27.735	0.22608	26.844	27.282	27.597	0.22011	-0.1746	-0.1209	-0.0797	0.030157
10	27.184	27.4	27.613	0.14179	26.931	27.159	27.356	0.14169	-0.28	-0.24118	-0.1513	0.038778
30	27.037	27.299	27.645	0.19536	26.742	26.937	27.276	0.19709	-0.4333	-0.36197	-0.2829	0.048525
50	26.989	27.236	27.417	0.1382	26.616	26.788	27.007	0.14028	-0.5324	-0.44777	-0.2306	0.098898
100	26.934	27.175	27.434	0.17656	26.435	26.952	27.575	0.43137	-0.5754	-0.22334	0.2385	0.35768

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 39.0 (m?))

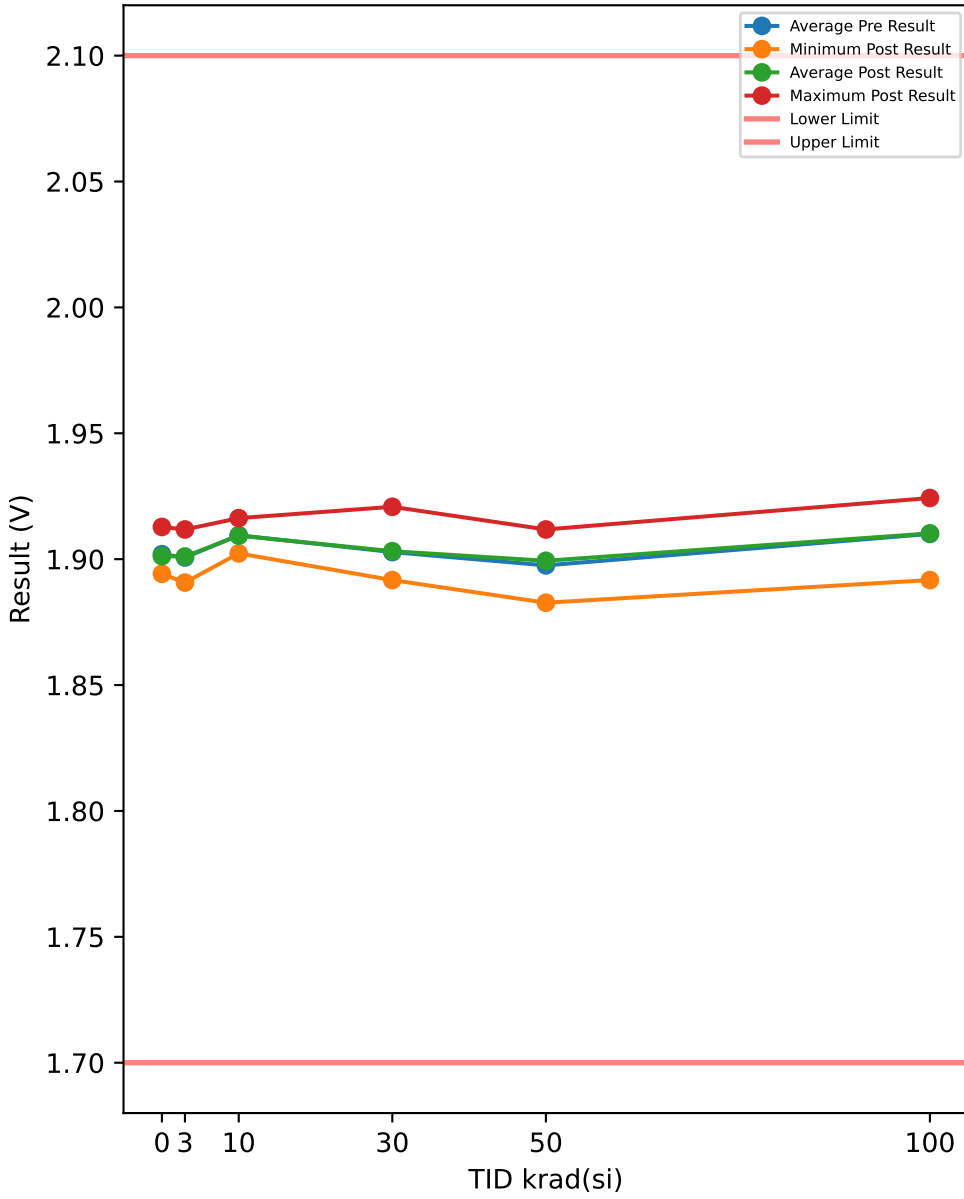
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	26.885	26.518	-0.3677
516	0	CORRELATION	27.311	26.857	-0.4539
721	0	CORRELATION	27.308	27.222	-0.0857
723	0	CORRELATION	27.463	27.36	-0.1031
729	0	CORRELATION	27.312	27.218	-0.0943
1000	3	Unbiased	27.2	27.129	-0.0715
1001	3	Unbiased	26.992	26.884	-0.1076
1002	3	Unbiased	26.851	26.718	-0.1336
1003	3	Unbiased	27.284	27.185	-0.0987
1004	3	Unbiased	27.246	27.146	-0.0997
1005	3	Biased	27.168	27.096	-0.0725
1006	3	Biased	27.39	27.295	-0.0947
1007	3	Biased	27.482	27.319	-0.1636
1008	3	Biased	27.433	27.297	-0.1353
1009	3	Biased	27.605	27.479	-0.1263
1010	10	Unbiased	27.169	27.022	-0.1471
1011	10	Unbiased	27.05	26.792	-0.2588
1012	10	Unbiased	27.118	26.922	-0.196
1013	10	Unbiased	27.344	27.115	-0.2286
1014	10	Unbiased	27.419	27.175	-0.2448
1015	10	Biased	27.475	27.235	-0.2401
1016	10	Biased	27.251	27.061	-0.1903
1017	10	Biased	27.19	26.932	-0.2582
1018	10	Biased	27.143	26.87	-0.2735
1019	10	Biased	27.414	27.162	-0.2515
1020	30	Unbiased	26.911	26.614	-0.2971
1021	30	Unbiased	27.326	27.048	-0.2782
1022	30	Unbiased	27.515	27.142	-0.373
1023	30	Unbiased	26.983	26.597	-0.3861
1024	30	Unbiased	27.193	26.769	-0.4232
1025	30	Biased	26.994	26.677	-0.3176
1026	30	Biased	27.251	26.911	-0.3396
1027	30	Biased	27.051	26.652	-0.3989
1028	30	Biased	27.075	26.672	-0.4034
1029	30	Biased	27.367	26.969	-0.3981
1030	50	Unbiased	27.17	26.643	-0.5274
1031	50	Unbiased	27.267	26.749	-0.5176
1032	50	Unbiased	27.16	26.649	-0.5105
1033	50	Unbiased	27.025	26.511	-0.5142
1034	50	Unbiased	27.012	26.502	-0.5097
1035	50	Biased-84Hr-Anneal	27.064	26.684	-0.3803
1036	50	Biased-84Hr-Anneal	27.287	26.878	-0.4089
1037	50	Biased-84Hr-Anneal	27.226	26.829	-0.3964
1038	50	Biased-84Hr-Anneal	27.023	26.492	-0.5306
1039	50	Biased-84Hr-Anneal	26.865	26.625	-0.2406
1040	100	Unbiased-168Hr-Anneal	26.817	26.312	-0.5054
1041	100	Unbiased-168Hr-Anneal	27.13	26.59	-0.5409
1042	100	Unbiased-168Hr-Anneal	27.314	26.737	-0.5768
1043	100	Unbiased-168Hr-Anneal	26.81	26.31	-0.4998
1044	100	Unbiased-168Hr-Anneal	26.984	26.467	-0.5168
1045	100	Biased-168Hr-Anneal	27.027	27.233	0.2059
1046	100	Biased-168Hr-Anneal	27.134	27.282	0.1475
1047	100	Biased-168Hr-Anneal	27.3	27.432	0.1318
1048	100	Biased-168Hr-Anneal	26.975	26.598	-0.3773
1049	100	Biased-168Hr-Anneal	26.969	27.191	0.2227

Test Statistics (m?)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	26.885	27.256	27.463	0.21743	26.518	27.035	27.36	0.34402	-0.4539	-0.22094	-0.0857	0.17608
3	26.851	27.265	27.605	0.22778	26.718	27.155	27.479	0.22151	-0.1636	-0.11035	-0.0715	0.029243
10	27.05	27.257	27.475	0.14655	26.792	27.029	27.235	0.14626	-0.2735	-0.22889	-0.1471	0.039291
30	26.911	27.167	27.515	0.19596	26.597	26.805	27.142	0.19711	-0.4232	-0.36152	-0.2782	0.050035
50	26.865	27.11	27.287	0.13398	26.492	26.656	26.878	0.13391	-0.5306	-0.45362	-0.2406	0.095184
100	26.81	27.046	27.314	0.17468	26.31	26.815	27.432	0.42797	-0.5768	-0.23091	0.2227	0.35557

Device Test: 22.1 LEVEL|RISE/COMP/4.5////@V_COMP_SD

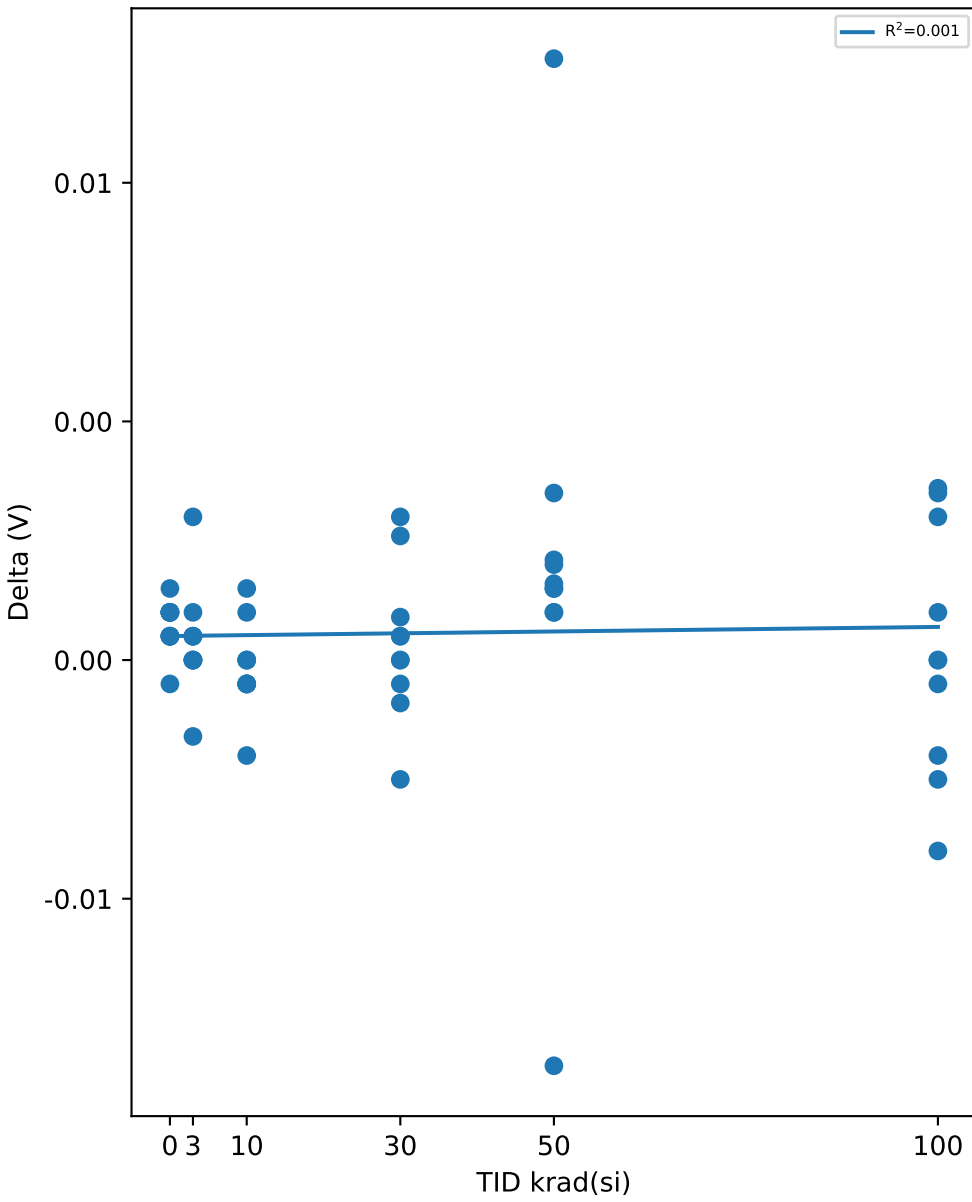
TID vs Result Stats



Test Results (Lower Limit = 1.7, Upper Limit = 2.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9113	1.9128	0.0015
516	0	CORRELATION	1.9023	1.9033	0.001
721	0	CORRELATION	1.8977	1.8972	-0.0005
723	0	CORRELATION	1.9048	1.9058	0.001
729	0	CORRELATION	1.8937	1.8942	0.0005
1000	3	Unbiased	1.8967	1.8972	0.0005
1001	3	Unbiased	1.9043	1.9053	0.001
1002	3	Unbiased	1.9118	1.9118	0
1003	3	Unbiased	1.9013	1.9013	0
1004	3	Unbiased	1.8942	1.8972	0.003
1005	3	Biased	1.8998	1.8982	-0.0016
1006	3	Biased	1.9043	1.9048	0.0005
1007	3	Biased	1.9033	1.9033	0
1008	3	Biased	1.8907	1.8907	0
1009	3	Biased	1.9002	1.9007	0.0005
1010	10	Unbiased	1.9113	1.9108	-0.0005
1011	10	Unbiased	1.9028	1.9023	-0.0005
1012	10	Unbiased	1.9163	1.9163	0
1013	10	Unbiased	1.9063	1.9073	0.001
1014	10	Unbiased	1.9093	1.9093	0
1015	10	Biased	1.9123	1.9118	-0.0005
1016	10	Biased	1.9053	1.9033	-0.002
1017	10	Biased	1.9108	1.9108	0
1018	10	Biased	1.9103	1.9118	0.0015
1019	10	Biased	1.9103	1.9098	-0.0005
1020	30	Unbiased	1.9058	1.9033	-0.0025
1021	30	Unbiased	1.9007	1.8998	-0.0009
1022	30	Unbiased	1.9078	1.9083	0.0005
1023	30	Unbiased	1.9053	1.9048	-0.0005
1024	30	Unbiased	1.9023	1.9028	0.0005
1025	30	Biased	1.9208	1.9208	0
1026	30	Biased	1.8967	1.8993	0.0026
1027	30	Biased	1.8998	1.9007	0.0009
1028	30	Biased	1.8972	1.9002	0.003
1029	30	Biased	1.8917	1.8917	0
1030	50	Unbiased	1.8927	1.8942	0.0015
1031	50	Unbiased	1.8927	1.8962	0.0035
1032	50	Unbiased	1.9007	1.9023	0.0016
1033	50	Unbiased	1.8812	1.8827	0.0015
1034	50	Unbiased	1.8977	1.8998	0.0021
1035	50	Biased-84Hr-Anneal	1.9108	1.9118	0.001
1036	50	Biased-84Hr-Anneal	1.9018	1.9038	0.002
1037	50	Biased-84Hr-Anneal	1.8922	1.8932	0.001
1038	50	Biased-84Hr-Anneal	1.8977	1.9103	0.0126
1039	50	Biased-84Hr-Anneal	1.9078	1.8993	-0.0085
1040	100	Unbiased-168Hr-Anneal	1.9002	1.9038	0.0036
1041	100	Unbiased-168Hr-Anneal	1.9173	1.9183	0.001
1042	100	Unbiased-168Hr-Anneal	1.9123	1.9153	0.003
1043	100	Unbiased-168Hr-Anneal	1.9138	1.9133	-0.0005
1044	100	Unbiased-168Hr-Anneal	1.9038	1.9018	-0.002
1045	100	Biased-168Hr-Anneal	1.9063	1.9023	-0.004
1046	100	Biased-168Hr-Anneal	1.9108	1.9108	0
1047	100	Biased-168Hr-Anneal	1.8942	1.8917	-0.0025
1048	100	Biased-168Hr-Anneal	1.9173	1.9208	0.0035
1049	100	Biased-168Hr-Anneal	1.9243	1.9243	0

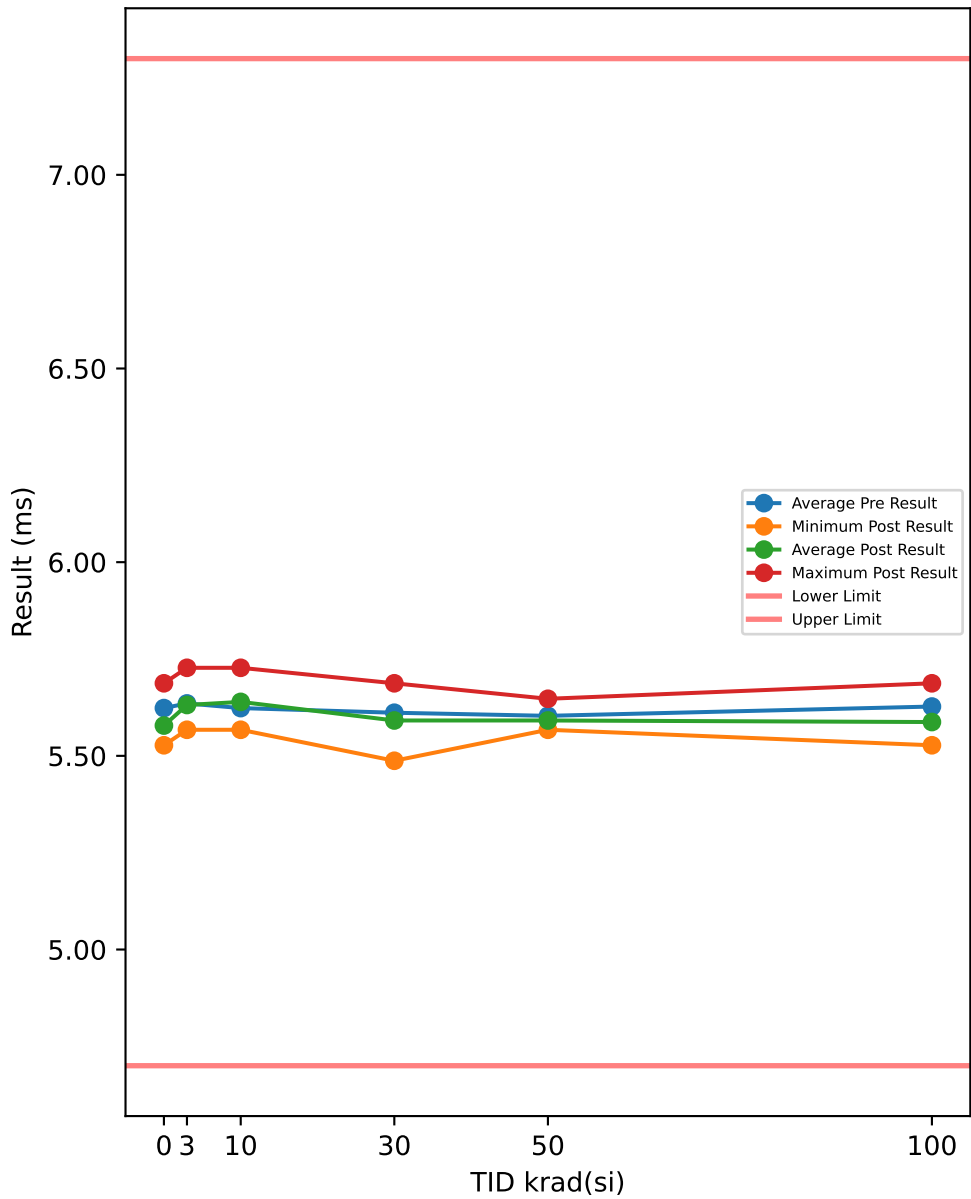
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.8937	1.902	1.9113	0.0067415	1.8942	1.9027	1.9128	0.0073224	-0.0005	0.0007	0.0015	0.00075829
3	1.8907	1.9007	1.9118	0.0059212	1.8907	1.9011	1.9118	0.0057525	-0.0016	0.00039	0.003	0.0011445
10	1.9028	1.9095	1.9163	0.0038456	1.9023	1.9093	1.9163	0.004153	-0.002	-0.00015	0.0015	0.00094428
30	1.8917	1.9028	1.9208	0.0079561	1.8917	1.9032	1.9208	0.0075481	-0.0025	0.00036	0.003	0.0016015
50	1.8812	1.8975	1.9108	0.0085091	1.8827	1.8994	1.9118	0.0085317	-0.0085	0.00183	0.0126	0.0050248
100	1.8942	1.91	1.9243	0.0090015	1.8917	1.9102	1.9243	0.010159	-0.004	0.00021	0.0036	0.0026092

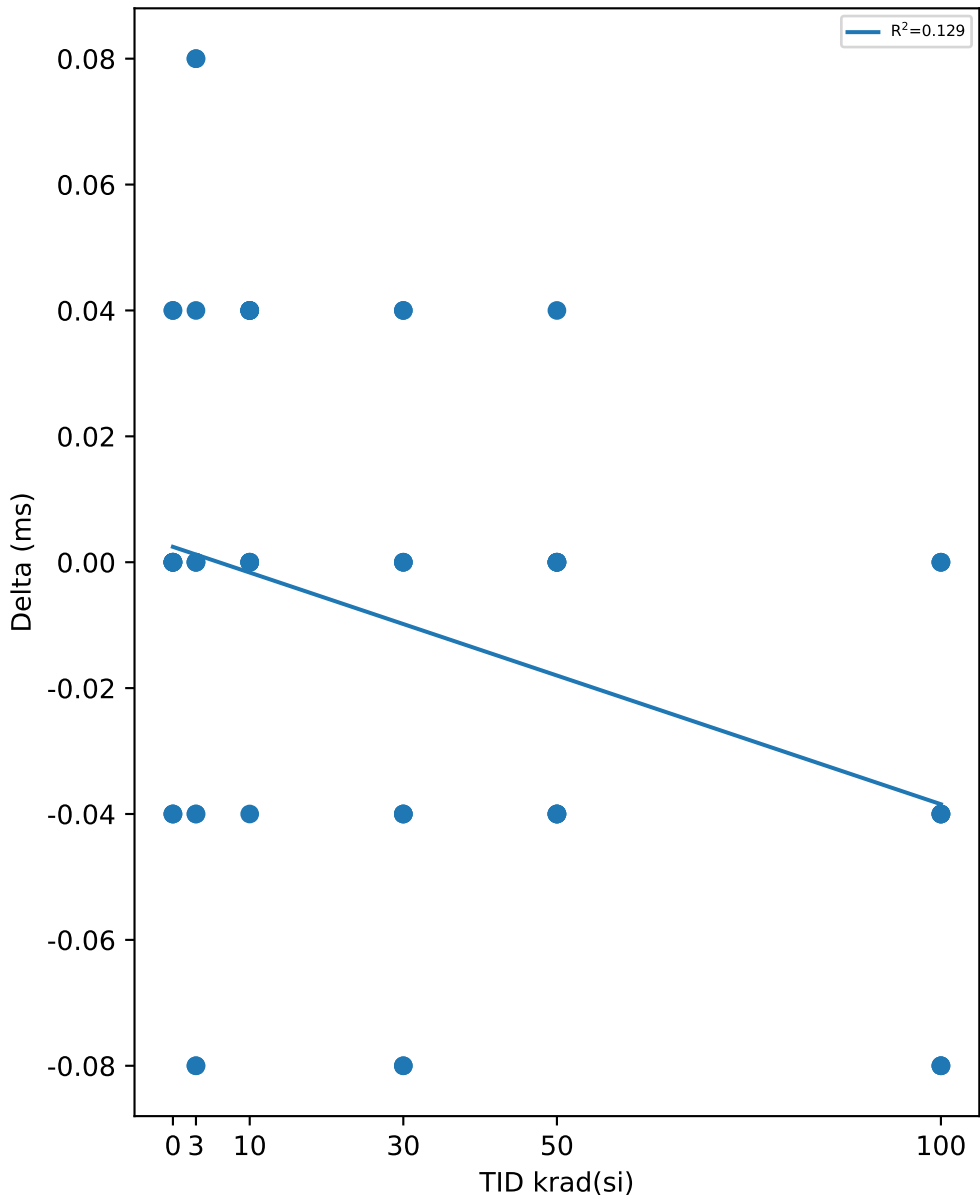
TID vs Result Stats



Test Results (Lower Limit = 4.7, Upper Limit = 7.3 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.7273	5.6873	-0.04
516	0	CORRELATION	5.6473	5.6073	-0.04
721	0	CORRELATION	5.6473	5.6073	-0.04
723	0	CORRELATION	5.5273	5.5673	0.04
729	0	CORRELATION	5.5673	5.5673	0
1000	3	Unbiased	5.6873	5.6473	-0.04
1001	3	Unbiased	5.6473	5.7273	0.08
1002	3	Unbiased	5.6073	5.6073	0
1003	3	Unbiased	5.6873	5.6473	-0.04
1004	3	Unbiased	5.6473	5.6473	0
1005	3	Biased	5.6073	5.6873	0.08
1006	3	Biased	5.6473	5.5673	-0.08
1007	3	Biased	5.5273	5.5673	0.04
1008	3	Biased	5.6873	5.6073	-0.08
1009	3	Biased	5.6073	5.6073	0
1010	10	Unbiased	5.7273	5.7273	0
1011	10	Unbiased	5.6473	5.6873	0.04
1012	10	Unbiased	5.6473	5.6873	0.04
1013	10	Unbiased	5.6073	5.5673	-0.04
1014	10	Unbiased	5.5673	5.6073	0.04
1015	10	Biased	5.5673	5.6073	0.04
1016	10	Biased	5.6873	5.6873	0
1017	10	Biased	5.5673	5.6073	0.04
1018	10	Biased	5.6473	5.6473	0
1019	10	Biased	5.5673	5.5673	0
1020	30	Unbiased	5.6873	5.6873	0
1021	30	Unbiased	5.6873	5.6473	-0.04
1022	30	Unbiased	5.5673	5.4873	-0.08
1023	30	Unbiased	5.6073	5.5673	-0.04
1024	30	Unbiased	5.6073	5.6073	0
1025	30	Biased	5.6473	5.5673	-0.08
1026	30	Biased	5.5673	5.6073	0.04
1027	30	Biased	5.5273	5.5273	0
1028	30	Biased	5.5673	5.5273	-0.04
1029	30	Biased	5.6473	5.6873	0.04
1030	50	Unbiased	5.6073	5.5673	-0.04
1031	50	Unbiased	5.6073	5.6073	0
1032	50	Unbiased	5.6073	5.5673	-0.04
1033	50	Unbiased	5.5673	5.5673	0
1034	50	Unbiased	5.5673	5.5673	0
1035	50	Biased-84Hr-Anneal	5.6073	5.6073	0
1036	50	Biased-84Hr-Anneal	5.6073	5.5673	-0.04
1037	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1038	50	Biased-84Hr-Anneal	5.6073	5.6473	0.04
1039	50	Biased-84Hr-Anneal	5.6873	5.6473	-0.04
1040	100	Unbiased-168Hr-Anneal	5.6873	5.6873	0
1041	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1042	100	Unbiased-168Hr-Anneal	5.5673	5.5273	-0.04
1043	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1044	100	Unbiased-168Hr-Anneal	5.6073	5.6073	0
1045	100	Biased-168Hr-Anneal	5.6073	5.6073	0
1046	100	Biased-168Hr-Anneal	5.5673	5.5273	-0.04
1047	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08
1048	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08
1049	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08

TID vs Post - Pre Exposure Delta

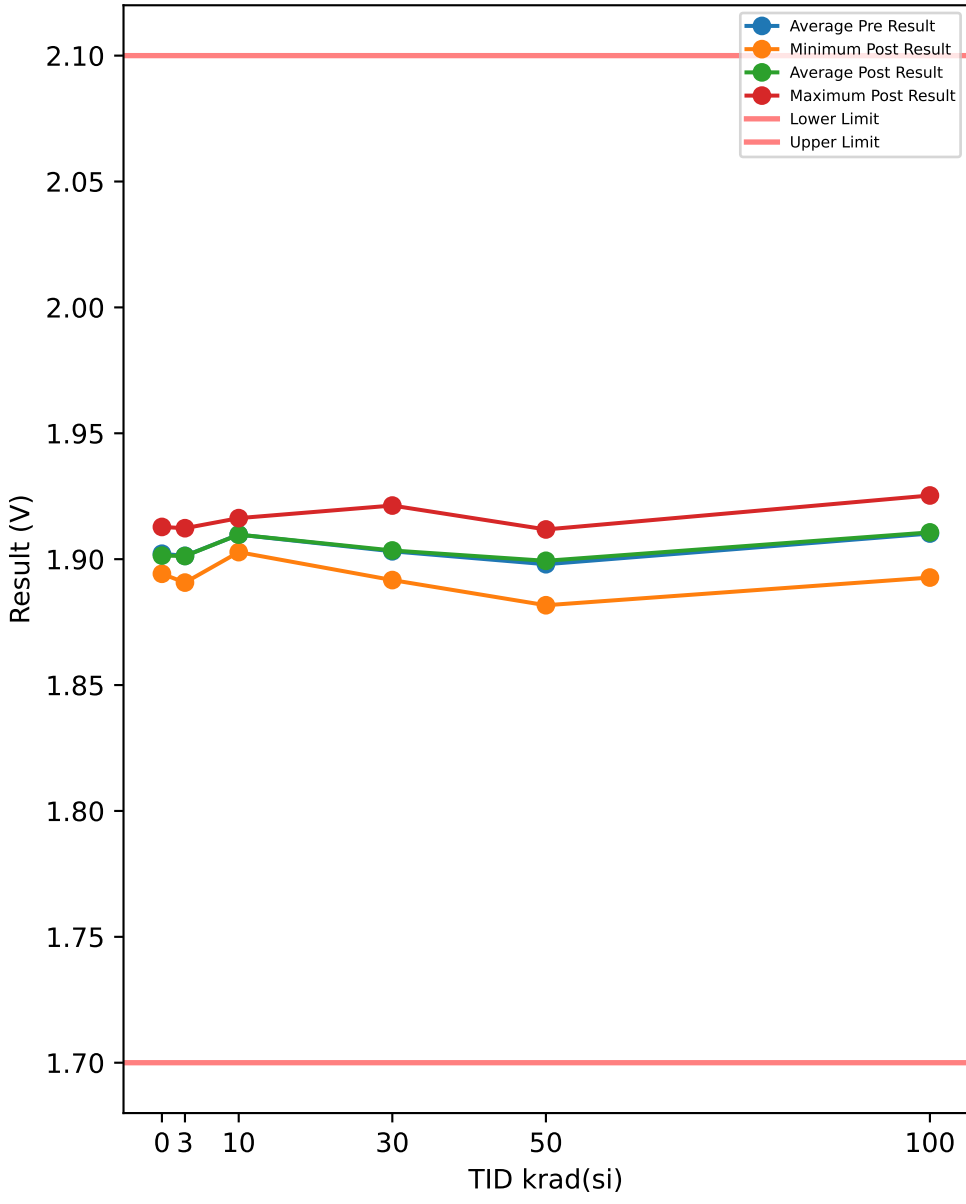


Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.5273	5.6233	5.7273	0.077974	5.5673	5.6073	5.6873	0.04899	-0.04	-0.016	0.04	0.035777
3	5.5273	5.6353	5.6873	0.050067	5.5673	5.6313	5.7273	0.050596	-0.08	-0.004	0.08	0.057966
10	5.5673	5.6233	5.7273	0.057194	5.5673	5.6393	5.7273	0.055936	-0.04	0.016	0.04	0.027968
30	5.5273	5.6113	5.6873	0.054813	5.4873	5.5913	5.6873	0.068508	-0.08	-0.02	0.04	0.043205
50	5.5673	5.6033	5.6873	0.035024	5.5673	5.5913	5.6473	0.033731	-0.04	-0.012	0.04	0.026998
100	5.5673	5.6273	5.6873	0.038873	5.5273	5.5873	5.6873	0.04714	-0.08	-0.04	0	0.03266

Device Test: 22.15 LEVEL|RISE/COMP/12////@V_COMP_SD

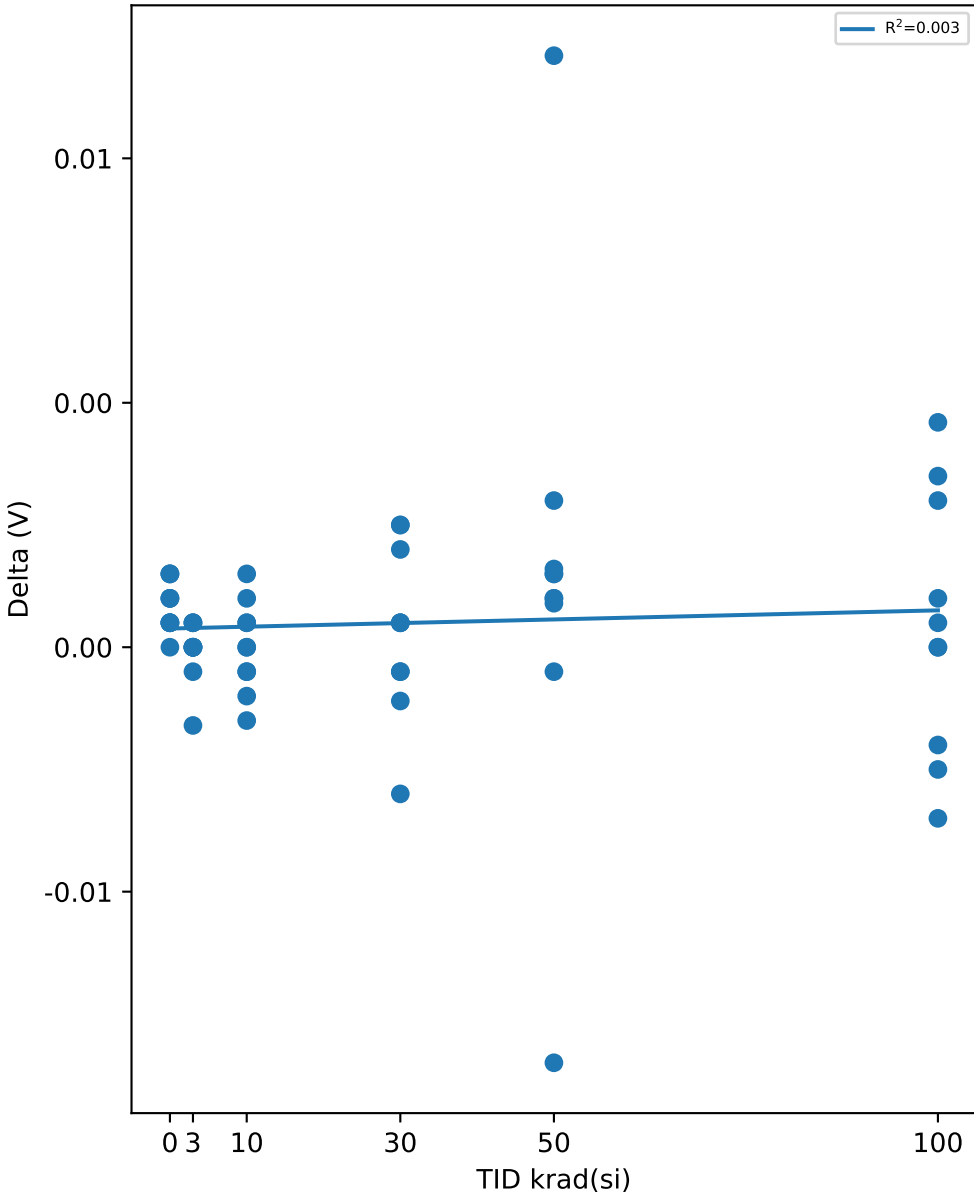
TID vs Result Stats



Test Results (Lower Limit = 1.7, Upper Limit = 2.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9118	1.9128	0.001
516	0	CORRELATION	1.9023	1.9038	0.0015
721	0	CORRELATION	1.8982	1.8982	0
723	0	CORRELATION	1.9048	1.9058	0.001
729	0	CORRELATION	1.8937	1.8942	0.0005
1000	3	Unbiased	1.8967	1.8972	0.0005
1001	3	Unbiased	1.9048	1.9053	0.0005
1002	3	Unbiased	1.9123	1.9123	0
1003	3	Unbiased	1.9018	1.9018	0
1004	3	Unbiased	1.8977	1.8977	0
1005	3	Biased	1.8998	1.8982	-0.0016
1006	3	Biased	1.9048	1.9053	0.0005
1007	3	Biased	1.9033	1.9033	0
1008	3	Biased	1.8912	1.8907	-0.0005
1009	3	Biased	1.9007	1.9007	0
1010	10	Unbiased	1.9113	1.9108	-0.0005
1011	10	Unbiased	1.9028	1.9028	0
1012	10	Unbiased	1.9163	1.9163	0
1013	10	Unbiased	1.9068	1.9073	0.0005
1014	10	Unbiased	1.9093	1.9098	0.0005
1015	10	Biased	1.9128	1.9123	-0.0005
1016	10	Biased	1.9053	1.9038	-0.0015
1017	10	Biased	1.9108	1.9118	0.001
1018	10	Biased	1.9113	1.9128	0.0015
1019	10	Biased	1.9108	1.9098	-0.001
1020	30	Unbiased	1.9063	1.9033	-0.003
1021	30	Unbiased	1.9013	1.9002	-0.0011
1022	30	Unbiased	1.9078	1.9083	0.0005
1023	30	Unbiased	1.9053	1.9048	-0.0005
1024	30	Unbiased	1.9023	1.9028	0.0005
1025	30	Biased	1.9208	1.9213	0.0005
1026	30	Biased	1.8977	1.9002	0.0025
1027	30	Biased	1.8998	1.9018	0.002
1028	30	Biased	1.8977	1.9002	0.0025
1029	30	Biased	1.8922	1.8917	-0.0005
1030	50	Unbiased	1.8932	1.8947	0.0015
1031	50	Unbiased	1.8932	1.8962	0.003
1032	50	Unbiased	1.9007	1.9023	0.0016
1033	50	Unbiased	1.8822	1.8817	-0.0005
1034	50	Unbiased	1.8993	1.9002	0.0009
1035	50	Biased-84Hr-Anneal	1.9108	1.9118	0.001
1036	50	Biased-84Hr-Anneal	1.9023	1.9038	0.0015
1037	50	Biased-84Hr-Anneal	1.8922	1.8932	0.001
1038	50	Biased-84Hr-Anneal	1.8982	1.9103	0.0121
1039	50	Biased-84Hr-Anneal	1.9078	1.8993	-0.0085
1040	100	Unbiased-168Hr-Anneal	1.9002	1.9048	0.0046
1041	100	Unbiased-168Hr-Anneal	1.9178	1.9183	0.0005
1042	100	Unbiased-168Hr-Anneal	1.9123	1.9153	0.003
1043	100	Unbiased-168Hr-Anneal	1.9138	1.9138	0
1044	100	Unbiased-168Hr-Anneal	1.9043	1.9018	-0.0025
1045	100	Biased-168Hr-Anneal	1.9063	1.9028	-0.0035
1046	100	Biased-168Hr-Anneal	1.9108	1.9108	0
1047	100	Biased-168Hr-Anneal	1.8947	1.8927	-0.002
1048	100	Biased-168Hr-Anneal	1.9173	1.9208	0.0035
1049	100	Biased-168Hr-Anneal	1.9243	1.9253	0.001

TID vs Post - Pre Exposure Delta

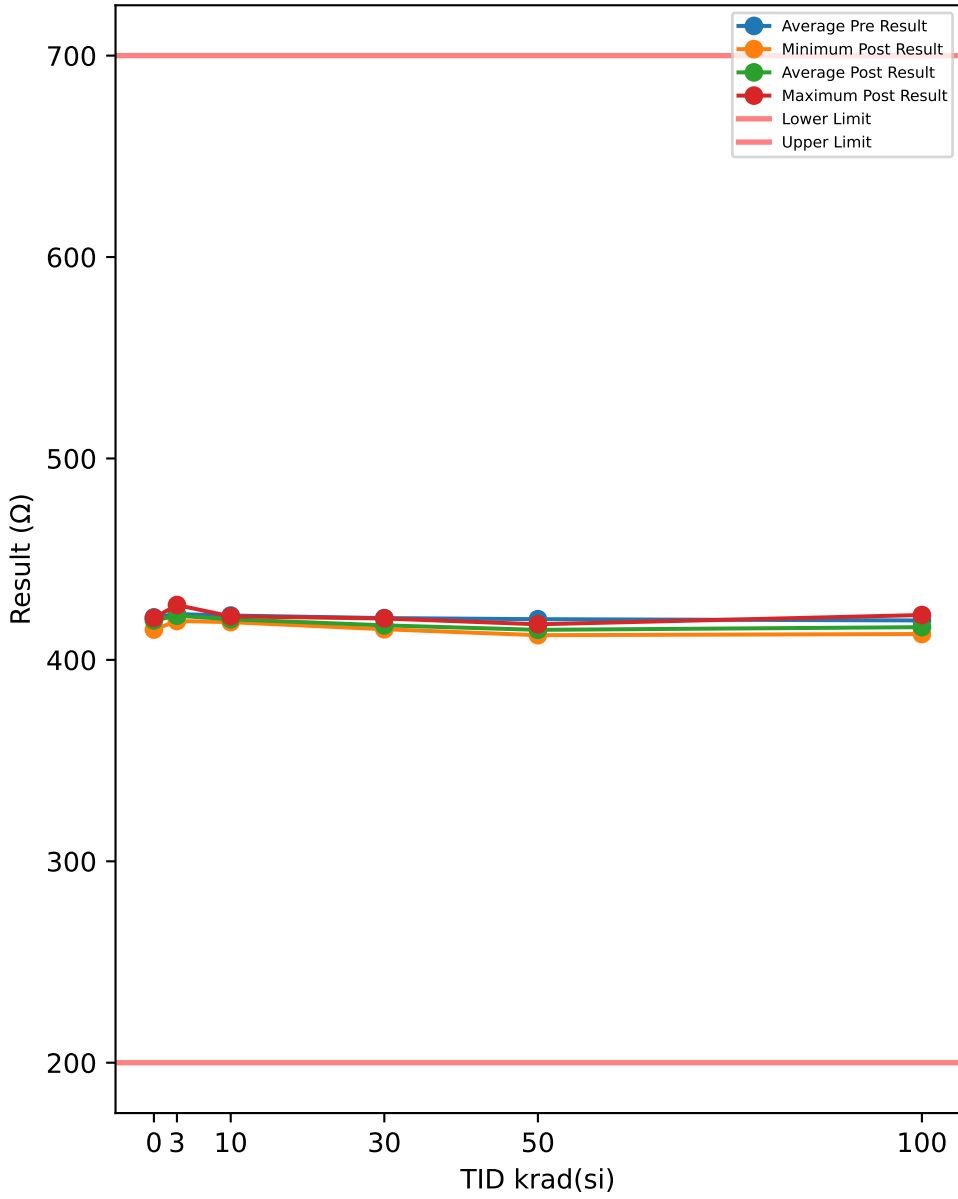


Test Statistics (V)

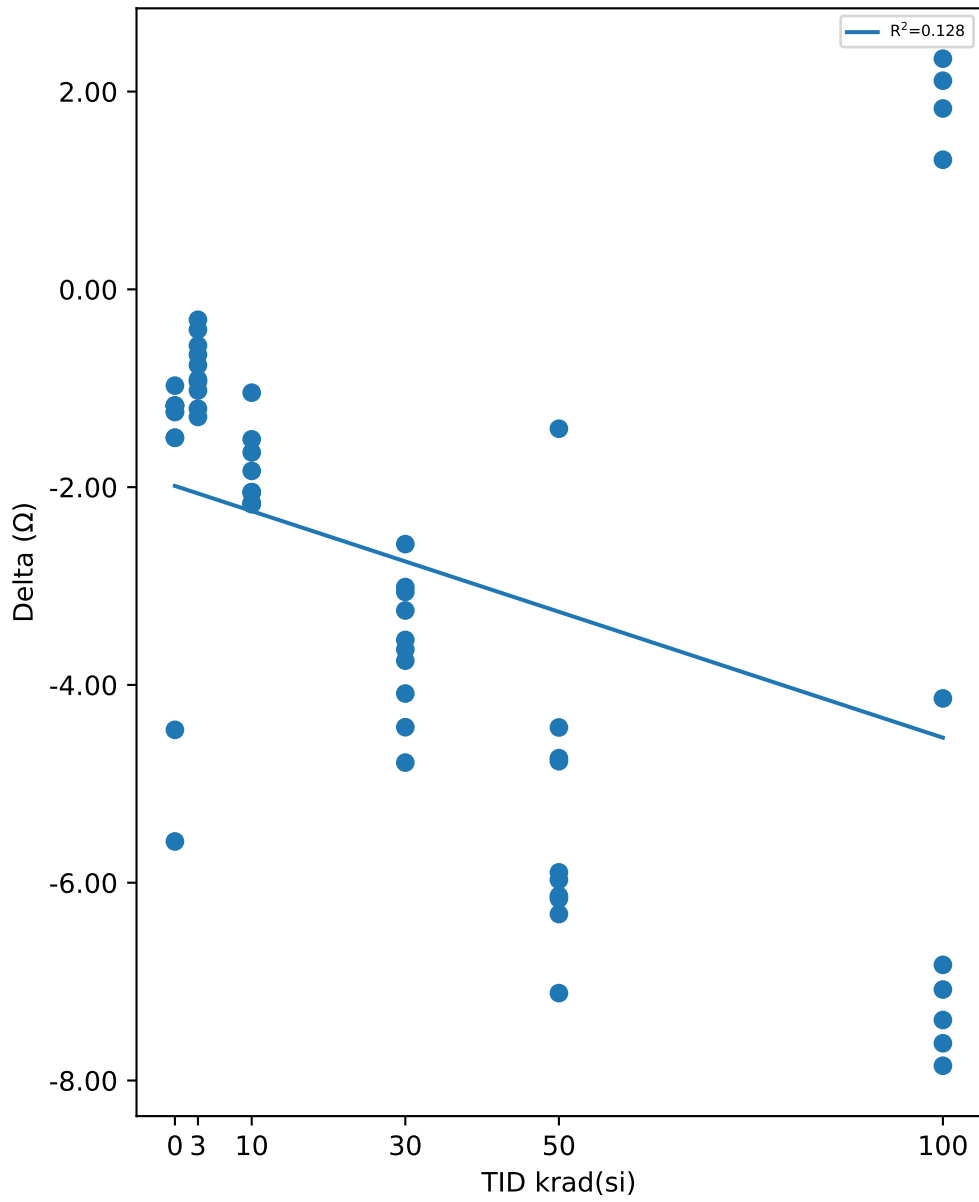
krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.8937	1.9022	1.9118	0.0068405	1.8942	1.903	1.9128	0.0071588	0	0.0008	0.0015	0.00057009
3	1.8912	1.9013	1.9123	0.0056617	1.8907	1.9012	1.9123	0.0058625	-0.0016	-6e-05	0.0005	0.00062574
10	1.9028	1.9098	1.9163	0.0038905	1.9028	1.9098	1.9163	0.0041329	-0.0015	-2.2204e-17	0.0015	0.00091287
30	1.8922	1.9031	1.9208	0.0077628	1.8917	1.9035	1.9213	0.0075784	-0.003	0.00034	0.0025	0.0017258
50	1.8822	1.898	1.9108	0.0082781	1.8817	1.8994	1.9118	0.0087243	-0.0085	0.00136	0.0121	0.0049361
100	1.8947	1.9102	1.9243	0.008913	1.8927	1.9106	1.9253	0.010023	-0.0035	0.00046	0.0046	0.0026676

Device Test: 22.16 LEVEL|SINK/SS_TR/12////@R_SS_DISCHARGE

TID vs Result Stats



TID vs Post - Pre Exposure Delta



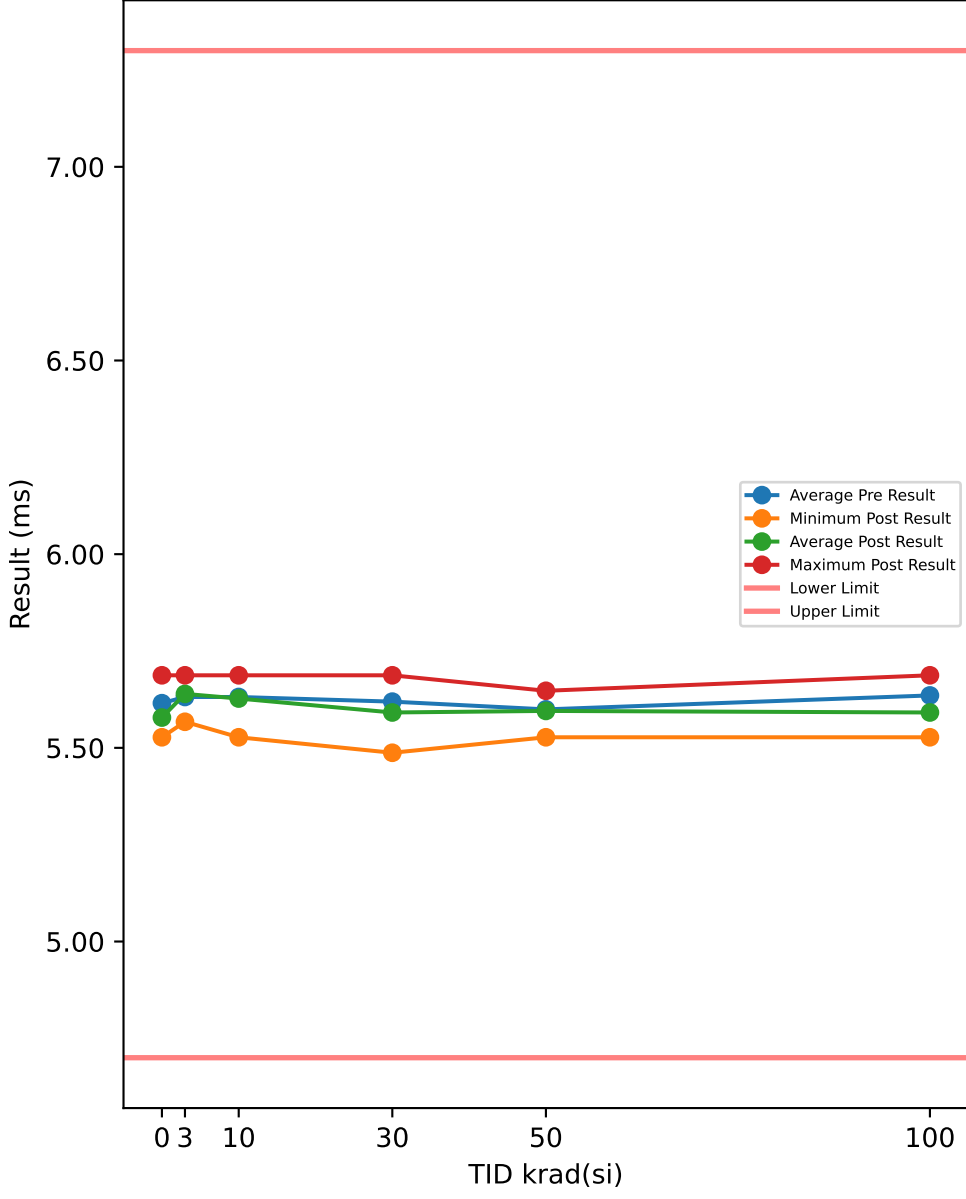
Test Results (Lower Limit = 200.0, Upper Limit = 700.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	420.31	415.86	-4.4541
516	0	CORRELATION	420.63	415.05	-5.5827
721	0	CORRELATION	420.86	419.88	-0.9736
723	0	CORRELATION	422.01	420.83	-1.1752
729	0	CORRELATION	421.64	420.4	-1.2391
1000	3	Unbiased	421.54	420.97	-0.5691
1001	3	Unbiased	423.22	422.45	-0.7658
1002	3	Unbiased	420.51	419.3	-1.2065
1003	3	Unbiased	423.26	422.32	-0.9339
1004	3	Unbiased	422.96	422.56	-0.4073
1005	3	Biased	420.95	420.64	-0.3077
1006	3	Biased	420.82	420.16	-0.6614
1007	3	Biased	422.93	421.64	-1.2902
1008	3	Biased	428.25	427.22	-1.0224
1009	3	Biased	422.93	422.02	-0.9108
1010	10	Unbiased	422.67	421.62	-1.0449
1011	10	Unbiased	422.04	419.99	-2.0554
1012	10	Unbiased	420.79	418.74	-2.0517
1013	10	Unbiased	422.78	420.61	-2.163
1014	10	Unbiased	421.89	419.72	-2.1725
1015	10	Biased	422.65	421	-1.6485
1016	10	Biased	421.58	420.07	-1.5162
1017	10	Biased	421.4	419.35	-2.0507
1018	10	Biased	421.42	419.26	-2.1592
1019	10	Biased	422.93	421.1	-1.8358
1020	30	Unbiased	419.27	416.21	-3.0598
1021	30	Unbiased	421.67	418.43	-3.2472
1022	30	Unbiased	422.27	418.18	-4.0869
1023	30	Unbiased	420.66	416.23	-4.4274
1024	30	Unbiased	420.6	415.82	-4.7853
1025	30	Biased	419.36	416.78	-2.576
1026	30	Biased	421.24	418.23	-3.0101
1027	30	Biased	418.96	415.21	-3.7544
1028	30	Biased	419.29	415.75	-3.545
1029	30	Biased	424.19	420.55	-3.6417
1030	50	Unbiased	421.38	415.06	-6.3168
1031	50	Unbiased	419.21	413.23	-5.9709
1032	50	Unbiased	418.42	412.26	-6.1607
1033	50	Unbiased	419.46	413.33	-6.1331
1034	50	Unbiased	420.63	414.74	-5.8953
1035	50	Biased-84Hr-Anneal	421.19	416.45	-4.7407
1036	50	Biased-84Hr-Anneal	419.67	415.24	-4.4301
1037	50	Biased-84Hr-Anneal	420.97	416.2	-4.7714
1038	50	Biased-84Hr-Anneal	422.08	414.96	-7.1162
1039	50	Biased-84Hr-Anneal	419.07	417.66	-1.4093
1040	100	Unbiased-168Hr-Anneal	420.89	413.5	-7.3884
1041	100	Unbiased-168Hr-Anneal	420.68	413.06	-7.6234
1042	100	Unbiased-168Hr-Anneal	421.04	413.19	-7.851
1043	100	Unbiased-168Hr-Anneal	419.67	412.84	-6.8307
1044	100	Unbiased-168Hr-Anneal	420.48	413.4	-7.08
1045	100	Biased-168Hr-Anneal	417.26	419.37	2.1098
1046	100	Biased-168Hr-Anneal	417.78	419.61	1.8289
1047	100	Biased-168Hr-Anneal	420.96	422.27	1.3106
1048	100	Biased-168Hr-Anneal	419.7	415.56	-4.1364
1049	100	Biased-168Hr-Anneal	417.29	419.62	2.3326

Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	420.31	421.09	422.01	0.70773	415.05	418.4	420.83	2.7279	-5.5827	-2.6849	-0.9736	2.1694
3	420.51	422.74	428.25	2.2167	419.3	421.93	427.22	2.1482	-1.2902	-0.80751	-0.3077	0.32573
10	420.79	422.01	422.93	0.7217	418.74	420.15	421.62	0.92228	-2.1725	-1.8698	-1.0449	0.36776
30	418.96	420.75	424.19	1.6585	415.21	417.14	420.55	1.6607	-4.7853	-3.6134	-2.576	0.68038
50	418.42	420.21	422.08	1.1988	412.26	414.91	417.66	1.6372	-7.1162	-5.2945	-1.4093	1.6006
100	417.26	419.58	421.04	1.5514	412.84	416.24	422.27	3.589	-7.851	-3.3328	2.3326	4.6202

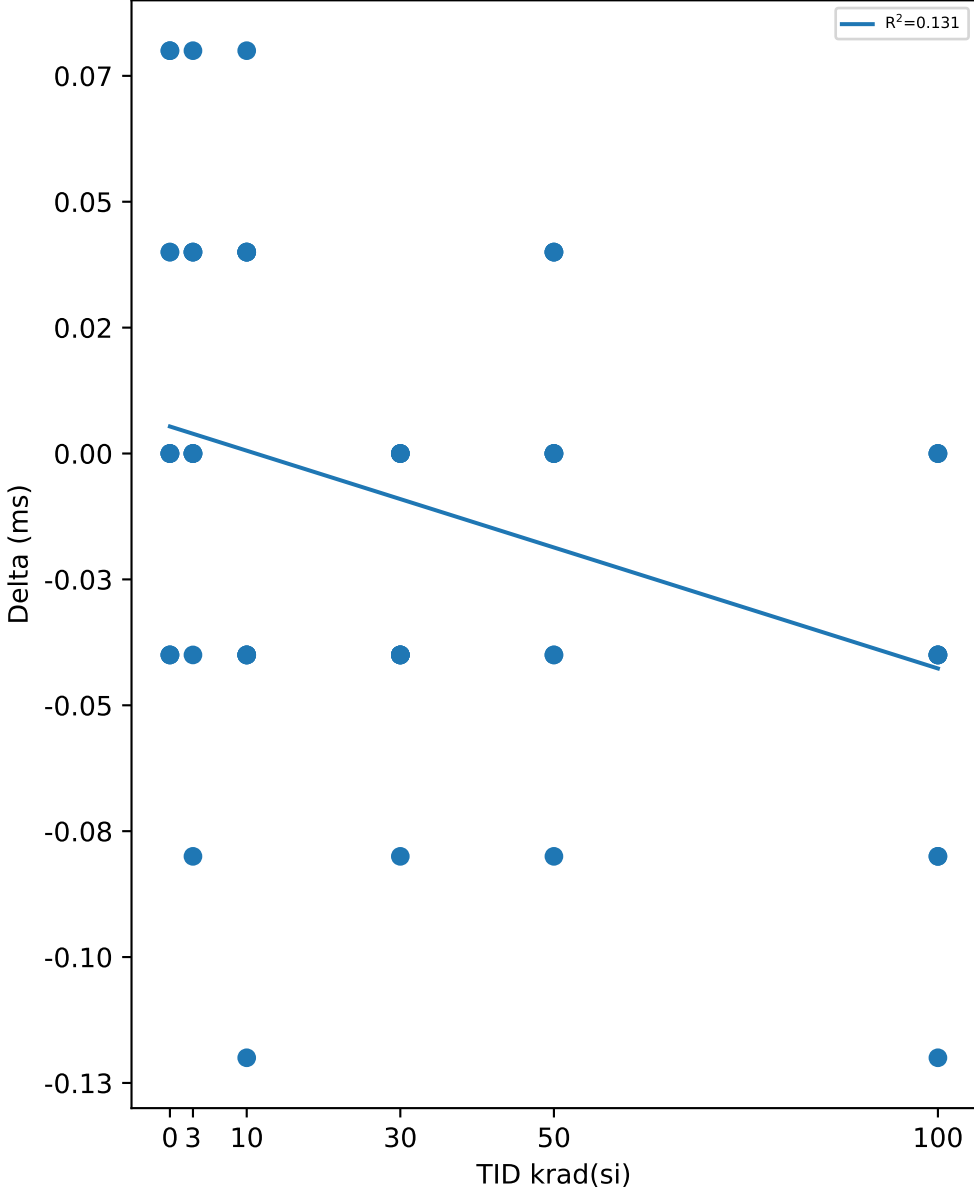
TID vs Result Stats



Test Results (Lower Limit = 4.7, Upper Limit = 7.3 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.7273	5.6873	-0.04
516	0	CORRELATION	5.6473	5.6073	-0.04
721	0	CORRELATION	5.6473	5.6073	-0.04
723	0	CORRELATION	5.4873	5.5673	0.08
729	0	CORRELATION	5.5673	5.5673	0
1000	3	Unbiased	5.6873	5.6073	-0.08
1001	3	Unbiased	5.6473	5.6873	0.04
1002	3	Unbiased	5.6073	5.6073	0
1003	3	Unbiased	5.6873	5.6873	0
1004	3	Unbiased	5.6473	5.6873	0.04
1005	3	Biased	5.6073	5.6873	0.08
1006	3	Biased	5.6473	5.6073	-0.04
1007	3	Biased	5.5273	5.5673	0.04
1008	3	Biased	5.6473	5.6473	0
1009	3	Biased	5.6073	5.6073	0
1010	10	Unbiased	5.7273	5.6873	-0.04
1011	10	Unbiased	5.6473	5.6873	0.04
1012	10	Unbiased	5.6473	5.6873	0.04
1013	10	Unbiased	5.6473	5.5273	-0.12
1014	10	Unbiased	5.5273	5.6073	0.08
1015	10	Biased	5.5673	5.6073	0.04
1016	10	Biased	5.6873	5.6473	-0.04
1017	10	Biased	5.5673	5.6073	0.04
1018	10	Biased	5.6873	5.6473	-0.04
1019	10	Biased	5.6073	5.5673	-0.04
1020	30	Unbiased	5.7273	5.6873	-0.04
1021	30	Unbiased	5.7273	5.6873	-0.04
1022	30	Unbiased	5.5273	5.4873	-0.04
1023	30	Unbiased	5.6073	5.5673	-0.04
1024	30	Unbiased	5.6073	5.6073	0
1025	30	Biased	5.6473	5.5673	-0.08
1026	30	Biased	5.6073	5.6073	0
1027	30	Biased	5.5273	5.5273	0
1028	30	Biased	5.5673	5.5273	-0.04
1029	30	Biased	5.6473	5.6473	0
1030	50	Unbiased	5.6073	5.5673	-0.04
1031	50	Unbiased	5.6073	5.6473	0.04
1032	50	Unbiased	5.6073	5.5273	-0.08
1033	50	Unbiased	5.5273	5.5673	0.04
1034	50	Unbiased	5.6073	5.6073	0
1035	50	Biased-84Hr-Anneal	5.6073	5.6073	0
1036	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1037	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1038	50	Biased-84Hr-Anneal	5.6073	5.6473	0.04
1039	50	Biased-84Hr-Anneal	5.6873	5.6473	-0.04
1040	100	Unbiased-168Hr-Anneal	5.6873	5.6873	0
1041	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1042	100	Unbiased-168Hr-Anneal	5.6073	5.5273	-0.08
1043	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1044	100	Unbiased-168Hr-Anneal	5.6073	5.6073	0
1045	100	Biased-168Hr-Anneal	5.6073	5.6073	0
1046	100	Biased-168Hr-Anneal	5.5673	5.5273	-0.04
1047	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08
1048	100	Biased-168Hr-Anneal	5.6473	5.6073	-0.04
1049	100	Biased-168Hr-Anneal	5.6873	5.5673	-0.12

TID vs Post - Pre Exposure Delta

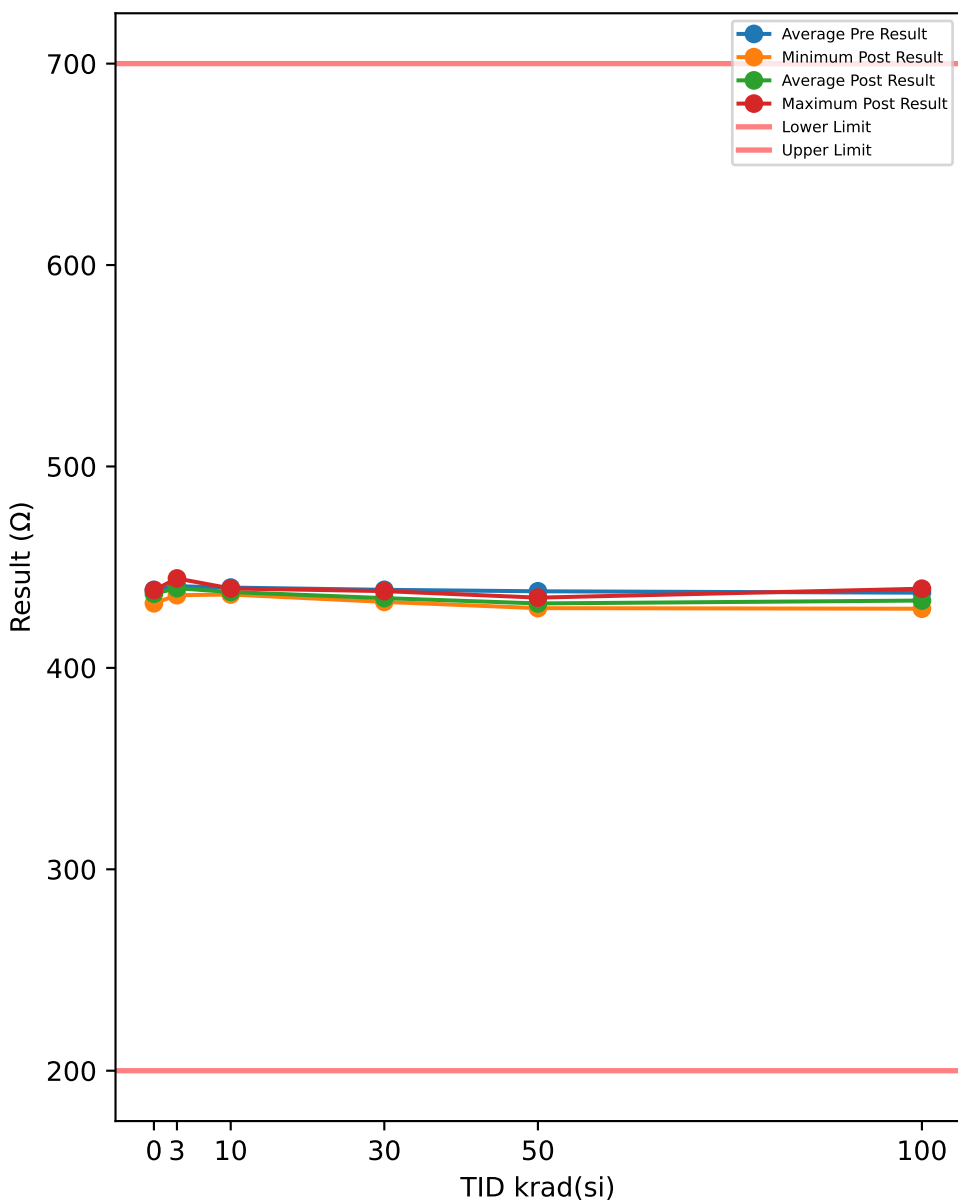


Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4873	5.6153	5.7273	0.091214	5.5673	5.6073	5.6873	0.04899	-0.04	-0.008	0.08	0.052154
3	5.5273	5.6313	5.6873	0.046952	5.5673	5.6393	5.6873	0.045412	-0.08	0.008	0.08	0.045412
10	5.5273	5.6313	5.7273	0.063105	5.5273	5.6273	5.6873	0.05416	-0.12	-0.004	0.08	0.060955
30	5.5273	5.6193	5.7273	0.070679	5.4873	5.5913	5.6873	0.068508	-0.08	-0.028	0	0.026998
50	5.5273	5.5993	5.6873	0.041312	5.5273	5.5953	5.6473	0.042374	-0.08	-0.004	0.04	0.039777
100	5.5673	5.6353	5.6873	0.037947	5.5273	5.5913	5.6873	0.046952	-0.12	-0.044	0	0.039777

Device Test: 22.2 LEVEL|SINK/SS_TR/4.5////@R_SS_DISCHARGE

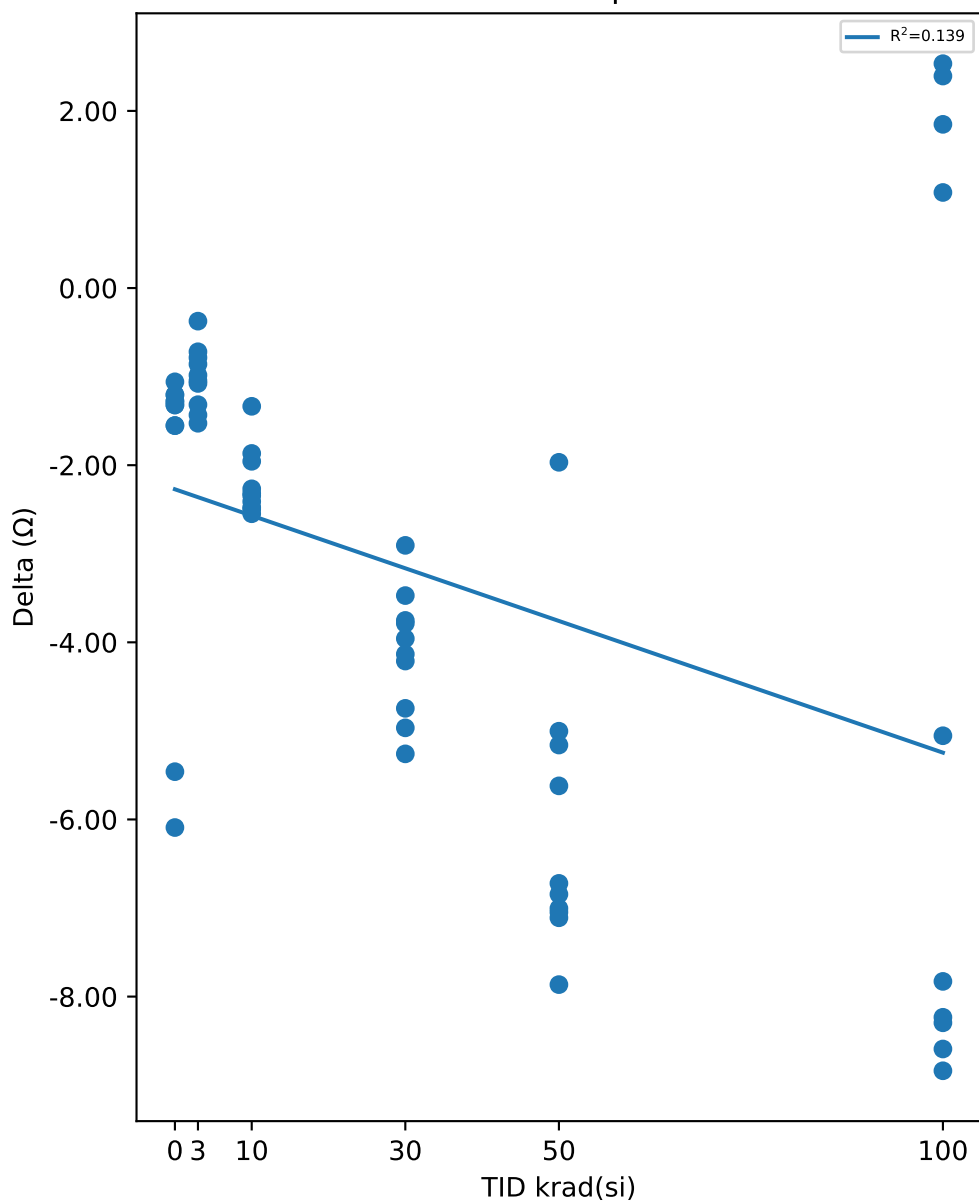
TID vs Result Stats



Test Results (Lower Limit = 200.0, Upper Limit = 700.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	438.41	432.95	-5.4605
516	0	CORRELATION	438.15	432.06	-6.0913
721	0	CORRELATION	438.79	437.73	-1.0587
723	0	CORRELATION	439.81	438.6	-1.2057
729	0	CORRELATION	438.46	437.14	-1.3201
1000	3	Unbiased	439.27	438.55	-0.7194
1001	3	Unbiased	441.71	440.73	-0.984
1002	3	Unbiased	437.4	436.09	-1.3169
1003	3	Unbiased	441.2	440.15	-1.047
1004	3	Unbiased	440.48	439.7	-0.7855
1005	3	Biased	438.54	438.17	-0.3737
1006	3	Biased	438.94	438.08	-0.8593
1007	3	Biased	440.83	439.3	-1.5267
1008	3	Biased	445.84	444.41	-1.4333
1009	3	Biased	441.44	440.36	-1.077
1010	10	Unbiased	440.76	439.43	-1.3352
1011	10	Unbiased	439.54	437.04	-2.4955
1012	10	Unbiased	438.84	436.43	-2.4101
1013	10	Unbiased	440.7	438.22	-2.4758
1014	10	Unbiased	439.75	437.2	-2.5483
1015	10	Biased	439.89	437.94	-1.9562
1016	10	Biased	439.98	438.12	-1.8673
1017	10	Biased	439.13	436.81	-2.3178
1018	10	Biased	438.93	436.58	-2.3446
1019	10	Biased	441.18	438.91	-2.267
1020	30	Unbiased	436.86	433.08	-3.7867
1021	30	Unbiased	439.7	435.95	-3.7527
1022	30	Unbiased	439.66	434.92	-4.7455
1023	30	Unbiased	438.57	433.61	-4.9657
1024	30	Unbiased	439.41	434.15	-5.2594
1025	30	Biased	437.75	434.84	-2.9053
1026	30	Biased	438.8	435.32	-3.4722
1027	30	Biased	437.86	433.65	-4.2114
1028	30	Biased	436.72	432.76	-3.9582
1029	30	Biased	442.24	438.11	-4.1336
1030	50	Unbiased	439.43	432.32	-7.1101
1031	50	Unbiased	437.34	430.34	-7.0042
1032	50	Unbiased	437.06	430.01	-7.0472
1033	50	Unbiased	436.5	429.66	-6.8443
1034	50	Unbiased	437.64	430.92	-6.7217
1035	50	Biased-84Hr-Anneal	439.09	433.93	-5.1597
1036	50	Biased-84Hr-Anneal	437.86	432.85	-5.0038
1037	50	Biased-84Hr-Anneal	438.44	432.82	-5.6208
1038	50	Biased-84Hr-Anneal	440.07	432.21	-7.8647
1039	50	Biased-84Hr-Anneal	436.84	434.87	-1.9675
1040	100	Unbiased-168Hr-Anneal	437.67	429.37	-8.2959
1041	100	Unbiased-168Hr-Anneal	439.3	430.71	-8.5917
1042	100	Unbiased-168Hr-Anneal	439.59	430.75	-8.8376
1043	100	Unbiased-168Hr-Anneal	437.57	429.74	-7.8285
1044	100	Unbiased-168Hr-Anneal	438.53	430.29	-8.2337
1045	100	Biased-168Hr-Anneal	435.26	437.66	2.3938
1046	100	Biased-168Hr-Anneal	435.22	437.07	1.8484
1047	100	Biased-168Hr-Anneal	438.23	439.31	1.0792
1048	100	Biased-168Hr-Anneal	437.29	432.23	-5.0548
1049	100	Biased-168Hr-Anneal	434.63	437.17	2.5334

TID vs Post - Pre Exposure Delta

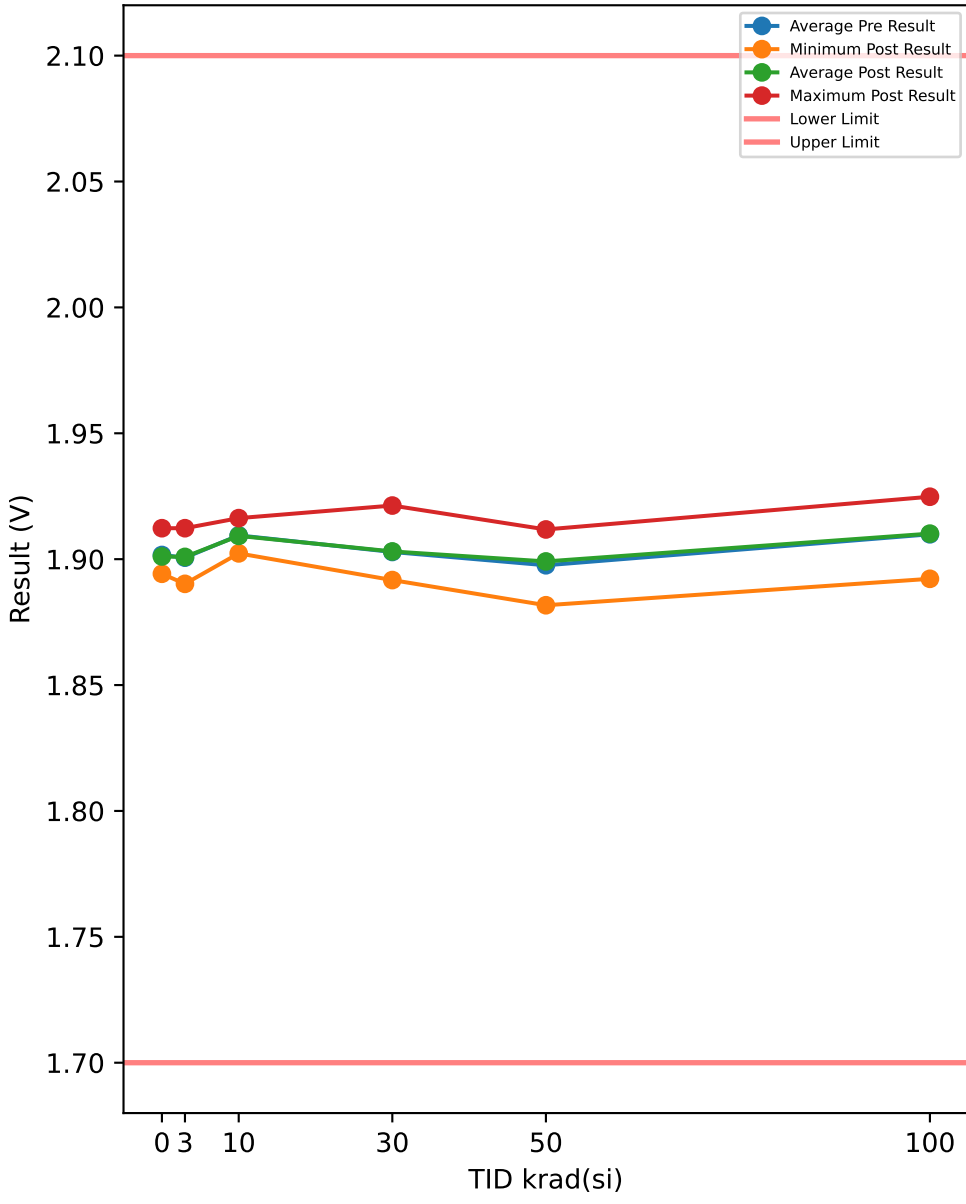


Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	438.15	438.72	439.81	0.64639	432.06	435.7	438.6	2.9753	-6.0913	-3.0273	-1.0587	2.5207
3	437.4	440.56	445.84	2.3292	436.09	439.55	444.41	2.1902	-1.5267	-1.0123	-0.3737	0.35107
10	438.84	439.87	441.18	0.80621	436.43	437.67	439.43	1.0166	-2.5483	-2.2018	-1.3352	0.37802
30	436.72	438.76	442.24	1.6287	432.76	434.64	438.11	1.5847	-5.2594	-4.1191	-2.9053	0.71341
50	436.5	438.03	440.07	1.1908	429.66	431.99	434.87	1.7283	-7.8647	-6.0344	-1.9675	1.7042
100	434.63	437.33	439.59	1.7439	429.37	433.43	439.31	3.8808	-8.8376	-3.8987	2.5334	5.1651

Device Test: 22.22 LEVELRISE/COMP/14////@V_COMP_SD

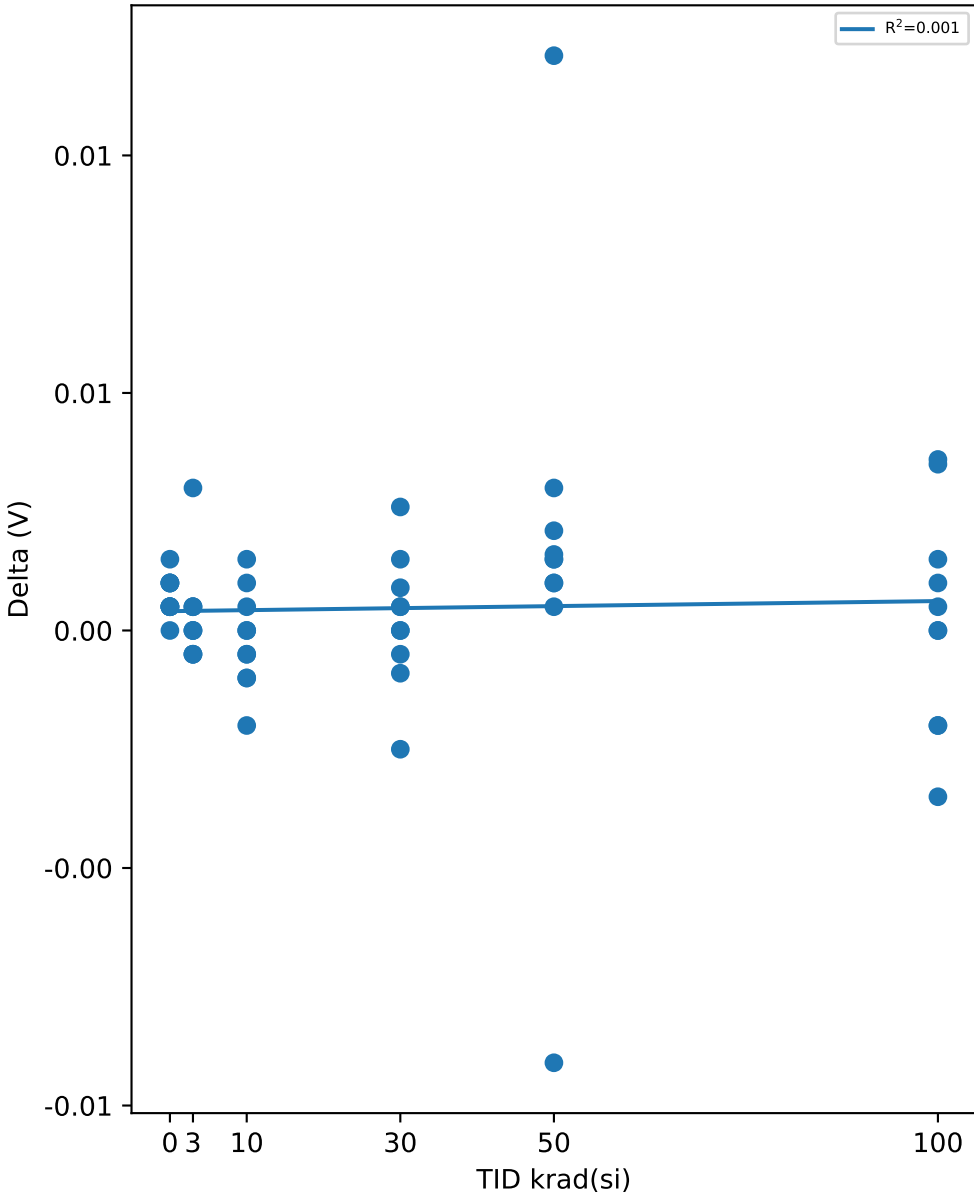
TID vs Result Stats



Test Results (Lower Limit = 1.7, Upper Limit = 2.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9108	1.9123	0.0015
516	0	CORRELATION	1.9018	1.9023	0.0005
721	0	CORRELATION	1.8972	1.8972	0
723	0	CORRELATION	1.9048	1.9058	0.001
729	0	CORRELATION	1.8937	1.8942	0.0005
1000	3	Unbiased	1.8967	1.8962	-0.0005
1001	3	Unbiased	1.9048	1.9048	0
1002	3	Unbiased	1.9118	1.9123	0.0005
1003	3	Unbiased	1.9013	1.9018	0.0005
1004	3	Unbiased	1.8942	1.8972	0.003
1005	3	Biased	1.8987	1.8982	-0.0005
1006	3	Biased	1.9043	1.9048	0.0005
1007	3	Biased	1.9033	1.9033	0
1008	3	Biased	1.8907	1.8902	-0.0005
1009	3	Biased	1.9002	1.9002	0
1010	10	Unbiased	1.9113	1.9103	-0.001
1011	10	Unbiased	1.9028	1.9023	-0.0005
1012	10	Unbiased	1.9163	1.9163	0
1013	10	Unbiased	1.9058	1.9068	0.001
1014	10	Unbiased	1.9088	1.9093	0.0005
1015	10	Biased	1.9128	1.9118	-0.001
1016	10	Biased	1.9053	1.9033	-0.002
1017	10	Biased	1.9108	1.9108	0
1018	10	Biased	1.9103	1.9118	0.0015
1019	10	Biased	1.9103	1.9098	-0.0005
1020	30	Unbiased	1.9058	1.9033	-0.0025
1021	30	Unbiased	1.9007	1.8998	-0.0009
1022	30	Unbiased	1.9078	1.9083	0.0005
1023	30	Unbiased	1.9053	1.9048	-0.0005
1024	30	Unbiased	1.9023	1.9023	0
1025	30	Biased	1.9208	1.9213	0.0005
1026	30	Biased	1.8972	1.8998	0.0026
1027	30	Biased	1.8998	1.9007	0.0009
1028	30	Biased	1.8972	1.8987	0.0015
1029	30	Biased	1.8917	1.8917	0
1030	50	Unbiased	1.8932	1.8947	0.0015
1031	50	Unbiased	1.8927	1.8957	0.003
1032	50	Unbiased	1.9002	1.9023	0.0021
1033	50	Unbiased	1.8812	1.8817	0.0005
1034	50	Unbiased	1.8982	1.8998	0.0016
1035	50	Biased-84Hr-Anneal	1.9108	1.9118	0.001
1036	50	Biased-84Hr-Anneal	1.9018	1.9033	0.0015
1037	50	Biased-84Hr-Anneal	1.8922	1.8932	0.001
1038	50	Biased-84Hr-Anneal	1.8977	1.9098	0.0121
1039	50	Biased-84Hr-Anneal	1.9078	1.8987	-0.0091
1040	100	Unbiased-168Hr-Anneal	1.9002	1.9038	0.0036
1041	100	Unbiased-168Hr-Anneal	1.9173	1.9173	0
1042	100	Unbiased-168Hr-Anneal	1.9123	1.9138	0.0015
1043	100	Unbiased-168Hr-Anneal	1.9138	1.9138	0
1044	100	Unbiased-168Hr-Anneal	1.9038	1.9018	-0.002
1045	100	Biased-168Hr-Anneal	1.9058	1.9023	-0.0035
1046	100	Biased-168Hr-Anneal	1.9098	1.9108	0.001
1047	100	Biased-168Hr-Anneal	1.8942	1.8922	-0.002
1048	100	Biased-168Hr-Anneal	1.9173	1.9208	0.0035
1049	100	Biased-168Hr-Anneal	1.9243	1.9248	0.0005

TID vs Post - Pre Exposure Delta

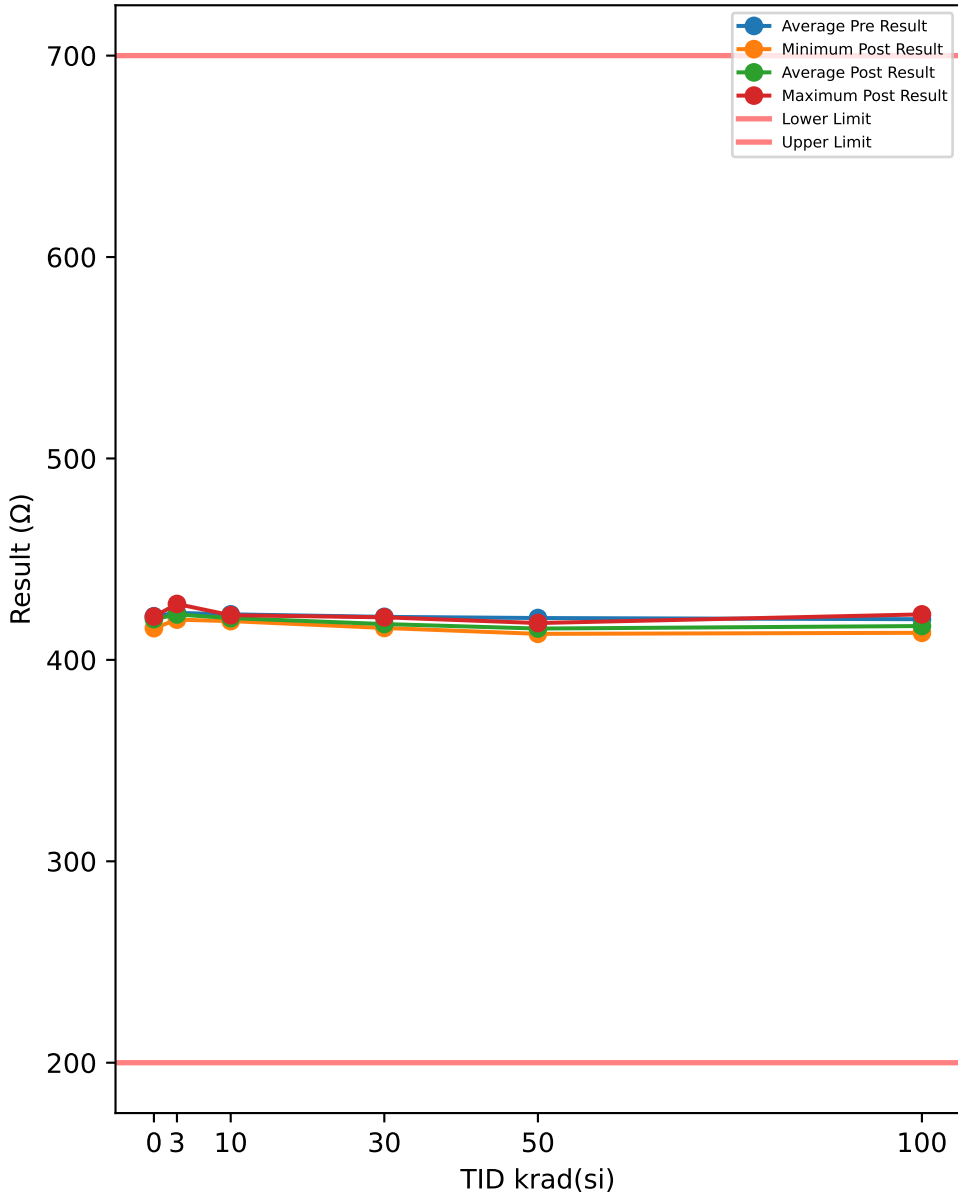


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.8937	1.9017	1.9108	0.0066459	1.8942	1.9024	1.9123	0.0071388	0	0.0007	0.0015	0.00057009
3	1.8907	1.9006	1.9118	0.0059861	1.8902	1.9009	1.9123	0.0060093	-0.0005	0.0003	0.003	0.0010328
10	1.9028	1.9095	1.9163	0.0039444	1.9023	1.9093	1.9163	0.0041663	-0.002	-0.0002	0.0015	0.0010328
30	1.8917	1.9029	1.9208	0.0079149	1.8917	1.9031	1.9213	0.0077366	-0.0025	0.00021	0.0026	0.001382
50	1.8812	1.8976	1.9108	0.0084626	1.8817	1.8991	1.9118	0.0086461	-0.0091	0.00152	0.0121	0.0050424
100	1.8942	1.9099	1.9243	0.0090213	1.8922	1.9101	1.9248	0.010001	-0.0035	0.00026	0.0036	0.0023162

Device Test: 22.23 LEVEL|SINK/SS_TR/14/////@R_SS_DISCHARGE

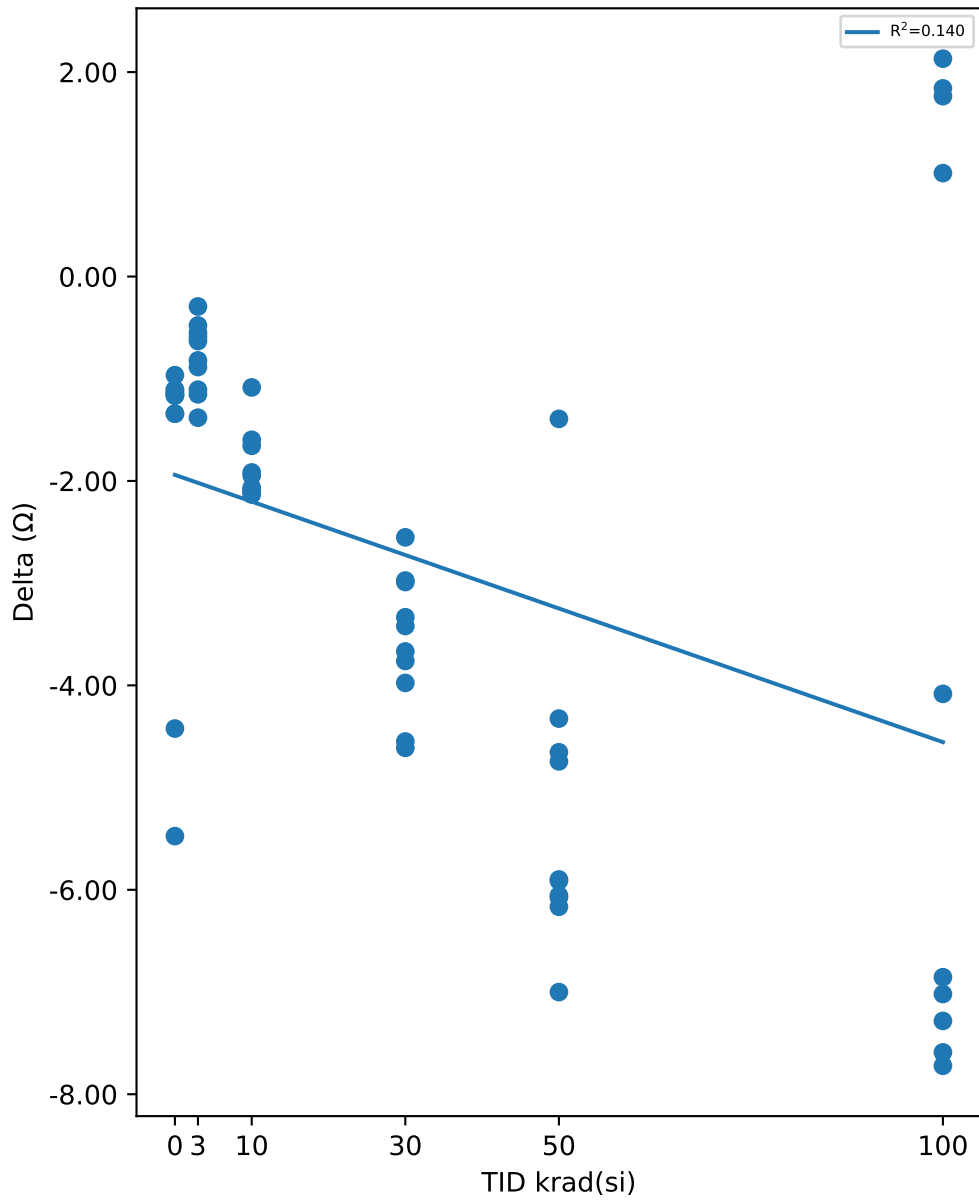
TID vs Result Stats



Test Results (Lower Limit = 200.0, Upper Limit = 700.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	420.84	416.42	-4.4225
516	0	CORRELATION	421.22	415.74	-5.4748
721	0	CORRELATION	421.44	420.47	-0.9652
723	0	CORRELATION	422.6	421.5	-1.1077
729	0	CORRELATION	422.19	421.05	-1.1446
1000	3	Unbiased	422.16	421.61	-0.5504
1001	3	Unbiased	423.7	423.06	-0.6313
1002	3	Unbiased	421.13	419.98	-1.1528
1003	3	Unbiased	423.8	422.91	-0.8856
1004	3	Unbiased	423.66	423.18	-0.4788
1005	3	Biased	421.61	421.32	-0.2931
1006	3	Biased	421.37	420.77	-0.5922
1007	3	Biased	423.64	422.25	-1.381
1008	3	Biased	428.87	427.76	-1.1069
1009	3	Biased	423.46	422.64	-0.8206
1010	10	Unbiased	423.26	422.17	-1.085
1011	10	Unbiased	422.67	420.59	-2.0893
1012	10	Unbiased	421.36	419.25	-2.1081
1013	10	Unbiased	423.37	421.31	-2.0657
1014	10	Unbiased	422.52	420.43	-2.0946
1015	10	Biased	423.24	421.59	-1.6562
1016	10	Biased	422.24	420.65	-1.5974
1017	10	Biased	421.89	419.97	-1.9169
1018	10	Biased	421.95	419.82	-2.1326
1019	10	Biased	423.58	421.63	-1.9484
1020	30	Unbiased	419.89	416.91	-2.9741
1021	30	Unbiased	422.37	419.04	-3.3334
1022	30	Unbiased	422.87	418.9	-3.9759
1023	30	Unbiased	421.34	416.79	-4.5491
1024	30	Unbiased	421.16	416.55	-4.6112
1025	30	Biased	419.95	417.4	-2.5518
1026	30	Biased	421.8	418.81	-2.9888
1027	30	Biased	419.6	415.84	-3.7613
1028	30	Biased	419.86	416.44	-3.4189
1029	30	Biased	424.8	421.14	-3.6682
1030	50	Unbiased	421.9	415.73	-6.1657
1031	50	Unbiased	419.73	413.83	-5.8989
1032	50	Unbiased	419	412.92	-6.0751
1033	50	Unbiased	420.06	414.01	-6.0552
1034	50	Unbiased	421.29	415.38	-5.9114
1035	50	Biased-84Hr-Anneal	421.73	417.07	-4.6544
1036	50	Biased-84Hr-Anneal	420.24	415.92	-4.3249
1037	50	Biased-84Hr-Anneal	421.49	416.75	-4.7435
1038	50	Biased-84Hr-Anneal	422.66	415.66	-7.0006
1039	50	Biased-84Hr-Anneal	419.68	418.29	-1.3927
1040	100	Unbiased-168Hr-Anneal	421.46	414.17	-7.283
1041	100	Unbiased-168Hr-Anneal	421.33	413.74	-7.5906
1042	100	Unbiased-168Hr-Anneal	421.65	413.93	-7.7216
1043	100	Unbiased-168Hr-Anneal	420.3	413.44	-6.8553
1044	100	Unbiased-168Hr-Anneal	421.07	414.05	-7.0197
1045	100	Biased-168Hr-Anneal	417.91	419.75	1.8405
1046	100	Biased-168Hr-Anneal	418.4	420.17	1.7644
1047	100	Biased-168Hr-Anneal	421.57	422.58	1.0117
1048	100	Biased-168Hr-Anneal	420.36	416.28	-4.0831
1049	100	Biased-168Hr-Anneal	417.82	419.95	2.1313

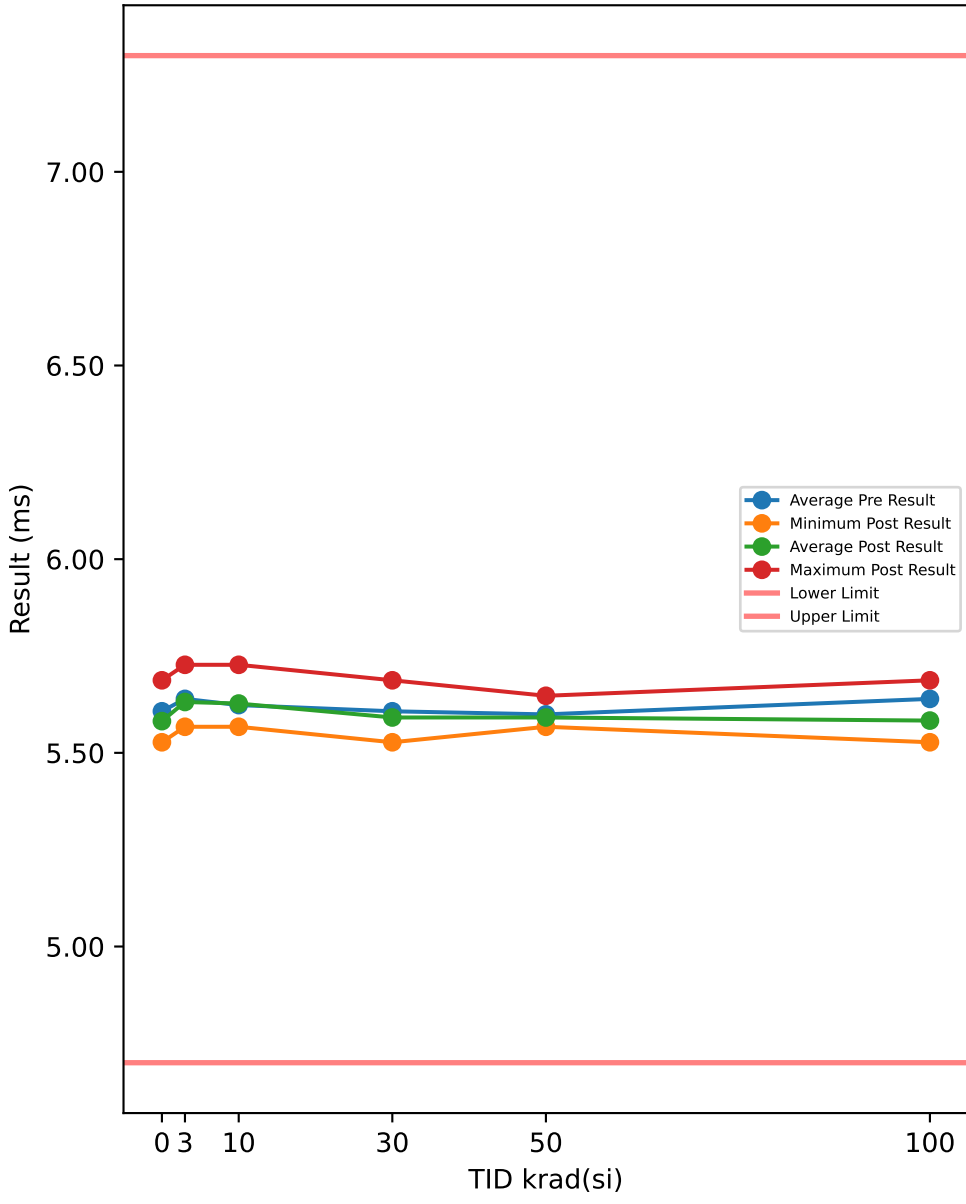
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	420.84	421.66	422.6	0.72197	415.74	419.04	421.5	2.7316	-5.4748	-2.623	-0.9652	2.1564
3	421.13	423.34	428.87	2.2172	419.98	422.55	427.76	2.1135	-1.381	-0.78927	-0.2931	0.34268
10	421.36	422.61	423.58	0.74575	419.25	420.74	422.17	0.92307	-2.1326	-1.8694	-1.085	0.33451
30	419.6	421.36	424.8	1.6638	415.84	417.78	421.14	1.6365	-4.6112	-3.5833	-2.5518	0.67168
50	419	420.78	422.66	1.1895	412.92	415.56	418.29	1.6231	-7.0006	-5.2222	-1.3927	1.5786
100	417.82	420.19	421.65	1.5546	413.44	416.81	422.58	3.4495	-7.7216	-3.3805	2.1313	4.4847

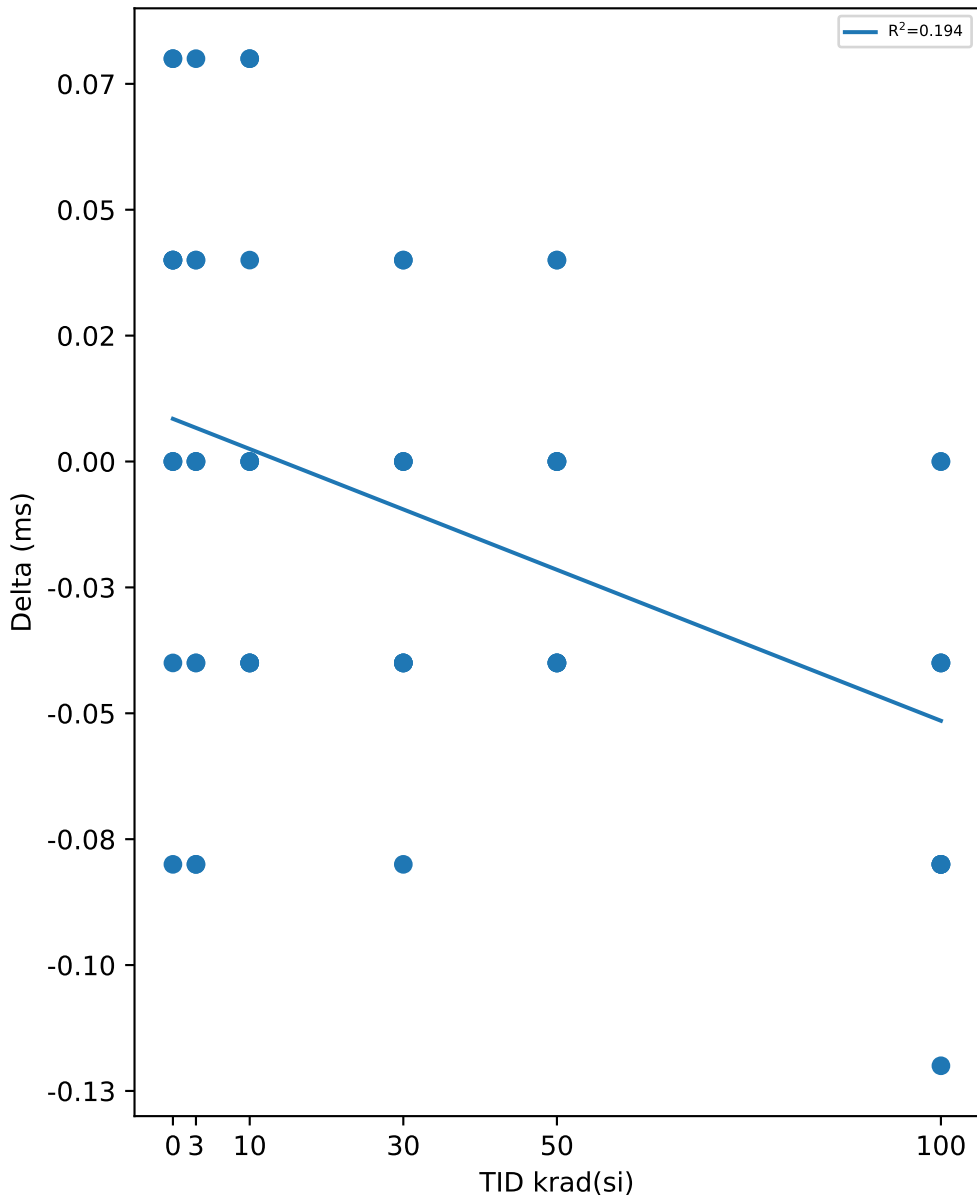
TID vs Result Stats



Test Results (Lower Limit = 4.7, Upper Limit = 7.3 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.6873	5.6873	0
516	0	CORRELATION	5.6473	5.6073	-0.04
721	0	CORRELATION	5.6473	5.5673	-0.08
723	0	CORRELATION	5.4873	5.5673	0.08
729	0	CORRELATION	5.5673	5.6073	0.04
1000	3	Unbiased	5.6873	5.6073	-0.08
1001	3	Unbiased	5.6873	5.7273	0.04
1002	3	Unbiased	5.6073	5.6073	0
1003	3	Unbiased	5.6873	5.6473	-0.04
1004	3	Unbiased	5.6473	5.6473	0
1005	3	Biased	5.6073	5.6873	0.08
1006	3	Biased	5.6473	5.5673	-0.08
1007	3	Biased	5.5273	5.5673	0.04
1008	3	Biased	5.6873	5.6473	-0.04
1009	3	Biased	5.6073	5.6073	0
1010	10	Unbiased	5.7273	5.7273	0
1011	10	Unbiased	5.6873	5.6473	-0.04
1012	10	Unbiased	5.6473	5.6473	0
1013	10	Unbiased	5.6073	5.5673	-0.04
1014	10	Unbiased	5.5273	5.6073	0.08
1015	10	Biased	5.5273	5.6073	0.08
1016	10	Biased	5.6873	5.6473	-0.04
1017	10	Biased	5.5673	5.6073	0.04
1018	10	Biased	5.6473	5.6473	0
1019	10	Biased	5.6073	5.5673	-0.04
1020	30	Unbiased	5.6873	5.6873	0
1021	30	Unbiased	5.6873	5.6473	-0.04
1022	30	Unbiased	5.5273	5.5273	0
1023	30	Unbiased	5.6073	5.5673	-0.04
1024	30	Unbiased	5.5673	5.6073	0.04
1025	30	Biased	5.6473	5.5673	-0.08
1026	30	Biased	5.6073	5.5673	-0.04
1027	30	Biased	5.5273	5.5273	0
1028	30	Biased	5.5673	5.5273	-0.04
1029	30	Biased	5.6473	5.6873	0.04
1030	50	Unbiased	5.6073	5.5673	-0.04
1031	50	Unbiased	5.6073	5.6073	0
1032	50	Unbiased	5.6073	5.5673	-0.04
1033	50	Unbiased	5.5273	5.5673	0.04
1034	50	Unbiased	5.6073	5.5673	-0.04
1035	50	Biased-84Hr-Anneal	5.6073	5.6073	0
1036	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1037	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1038	50	Biased-84Hr-Anneal	5.6073	5.6473	0.04
1039	50	Biased-84Hr-Anneal	5.6873	5.6473	-0.04
1040	100	Unbiased-168Hr-Anneal	5.6873	5.6873	0
1041	100	Unbiased-168Hr-Anneal	5.6873	5.6073	-0.08
1042	100	Unbiased-168Hr-Anneal	5.6073	5.5273	-0.08
1043	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1044	100	Unbiased-168Hr-Anneal	5.6073	5.5673	-0.04
1045	100	Biased-168Hr-Anneal	5.6073	5.6073	0
1046	100	Biased-168Hr-Anneal	5.5673	5.5273	-0.04
1047	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08
1048	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08
1049	100	Biased-168Hr-Anneal	5.6873	5.5673	-0.12

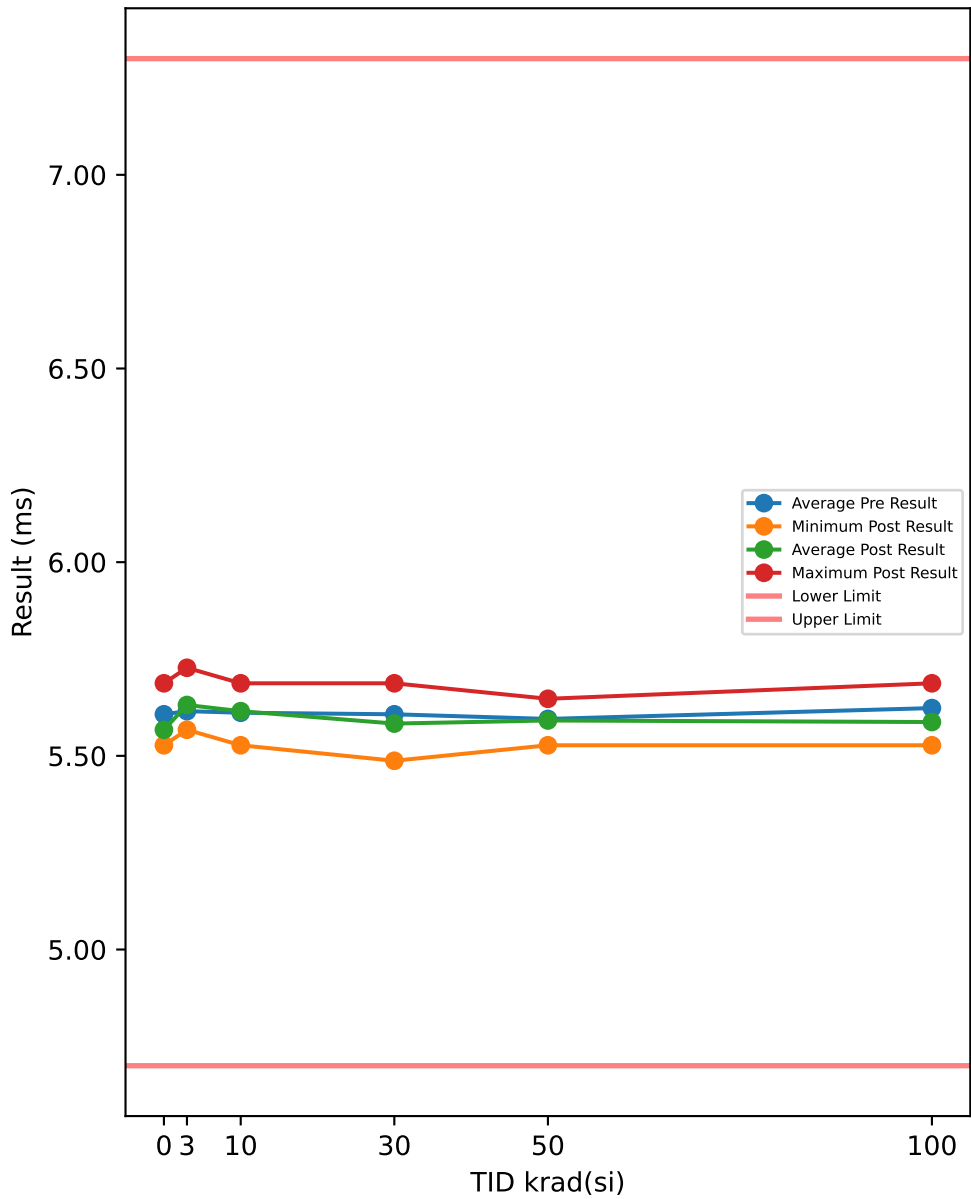
TID vs Post - Pre Exposure Delta



Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4873	5.6073	5.6873	0.08	5.5673	5.6073	5.6873	0.04899	-0.08	0	0.08	0.063246
3	5.5273	5.6393	5.6873	0.052662	5.5673	5.6313	5.7273	0.050596	-0.08	-0.008	0.08	0.052662
10	5.5273	5.6233	5.7273	0.068508	5.5673	5.6273	5.7273	0.04714	-0.04	0.004	0.08	0.047889
30	5.5273	5.6073	5.6873	0.059628	5.5273	5.5913	5.6873	0.063105	-0.08	-0.016	0.04	0.038644
50	5.5273	5.5993	5.6873	0.041312	5.5673	5.5913	5.6473	0.033731	-0.04	-0.008	0.04	0.031552
100	5.5673	5.6393	5.6873	0.041312	5.5273	5.5833	5.6873	0.046952	-0.12	-0.056	0	0.038644

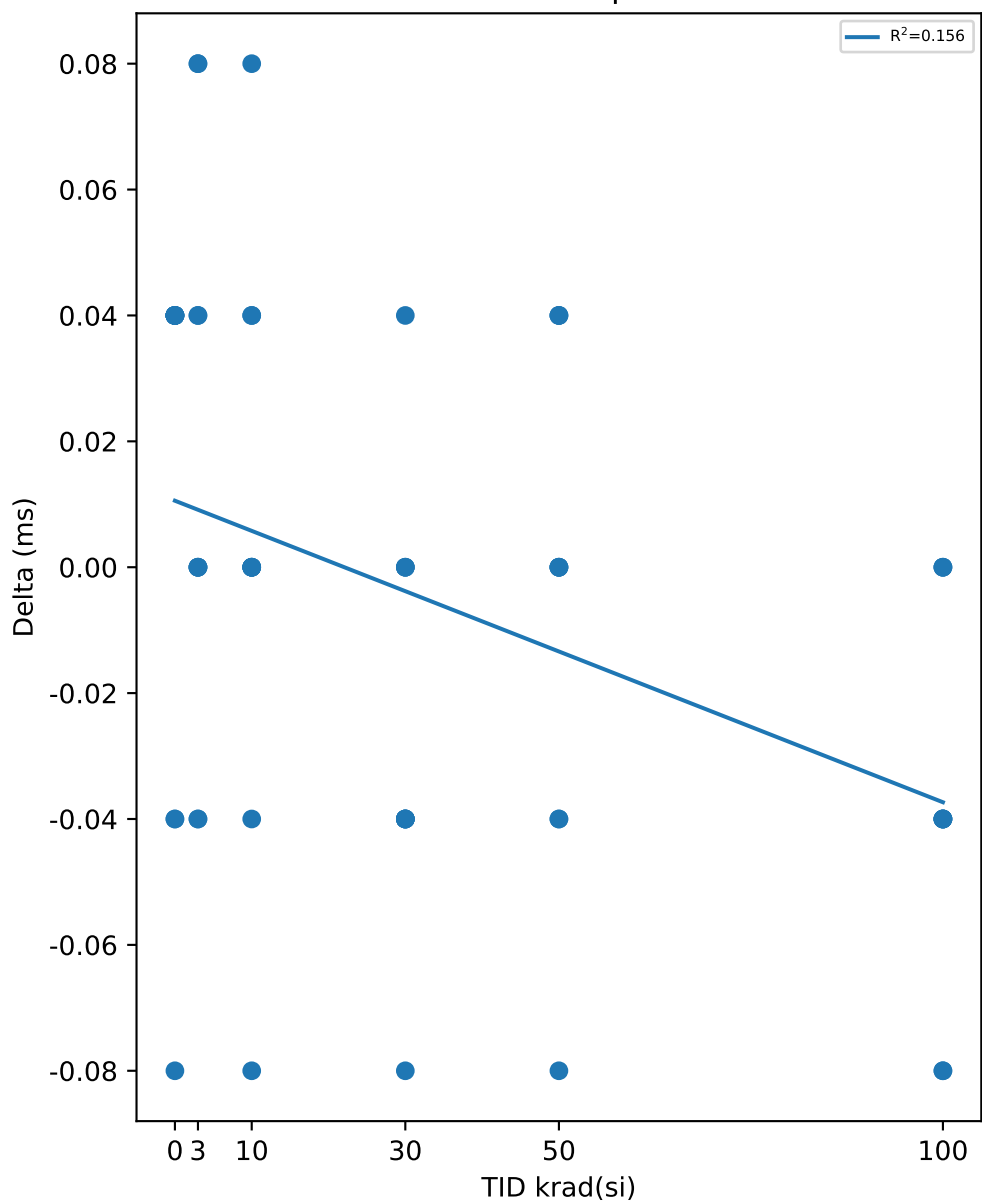
TID vs Result Stats



Test Results (Lower Limit = 4.7, Upper Limit = 7.3 (ms))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.7273	5.6873	-0.04
516	0	CORRELATION	5.6473	5.5673	-0.08
721	0	CORRELATION	5.6473	5.6073	-0.04
723	0	CORRELATION	5.4873	5.5273	0.04
729	0	CORRELATION	5.5273	5.5673	0.04
1000	3	Unbiased	5.6473	5.6073	-0.04
1001	3	Unbiased	5.6473	5.7273	0.08
1002	3	Unbiased	5.6073	5.6073	0
1003	3	Unbiased	5.6473	5.6473	0
1004	3	Unbiased	5.6073	5.6473	0.04
1005	3	Biased	5.6073	5.6873	0.08
1006	3	Biased	5.6073	5.5673	-0.04
1007	3	Biased	5.5273	5.5673	0.04
1008	3	Biased	5.6473	5.6473	0
1009	3	Biased	5.6073	5.6073	0
1010	10	Unbiased	5.6873	5.6873	0
1011	10	Unbiased	5.6473	5.6473	0
1012	10	Unbiased	5.6073	5.6473	0.04
1013	10	Unbiased	5.6073	5.5273	-0.08
1014	10	Unbiased	5.5273	5.6073	0.08
1015	10	Biased	5.5673	5.6073	0.04
1016	10	Biased	5.6873	5.6473	-0.04
1017	10	Biased	5.5673	5.5673	0
1018	10	Biased	5.6473	5.6473	0
1019	10	Biased	5.5673	5.5673	0
1020	30	Unbiased	5.6873	5.6873	0
1021	30	Unbiased	5.6873	5.6473	-0.04
1022	30	Unbiased	5.5273	5.4873	-0.04
1023	30	Unbiased	5.6073	5.5673	-0.04
1024	30	Unbiased	5.5673	5.6073	0.04
1025	30	Biased	5.6473	5.5673	-0.08
1026	30	Biased	5.6073	5.5673	-0.04
1027	30	Biased	5.5273	5.5273	0
1028	30	Biased	5.5673	5.5273	-0.04
1029	30	Biased	5.6473	5.6473	0
1030	50	Unbiased	5.6073	5.5273	-0.08
1031	50	Unbiased	5.6073	5.6473	0.04
1032	50	Unbiased	5.6073	5.5673	-0.04
1033	50	Unbiased	5.5273	5.5673	0.04
1034	50	Unbiased	5.5673	5.5673	0
1035	50	Biased-84Hr-Anneal	5.6073	5.6073	0
1036	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1037	50	Biased-84Hr-Anneal	5.5673	5.5673	0
1038	50	Biased-84Hr-Anneal	5.6073	5.6473	0.04
1039	50	Biased-84Hr-Anneal	5.6873	5.6473	-0.04
1040	100	Unbiased-168Hr-Anneal	5.6873	5.6873	0
1041	100	Unbiased-168Hr-Anneal	5.6473	5.6073	-0.04
1042	100	Unbiased-168Hr-Anneal	5.5673	5.5273	-0.04
1043	100	Unbiased-168Hr-Anneal	5.6473	5.5673	-0.08
1044	100	Unbiased-168Hr-Anneal	5.6073	5.6073	0
1045	100	Biased-168Hr-Anneal	5.6073	5.6073	0
1046	100	Biased-168Hr-Anneal	5.5673	5.5273	-0.04
1047	100	Biased-168Hr-Anneal	5.6073	5.5673	-0.04
1048	100	Biased-168Hr-Anneal	5.6473	5.6073	-0.04
1049	100	Biased-168Hr-Anneal	5.6473	5.5673	-0.08

TID vs Post - Pre Exposure Delta

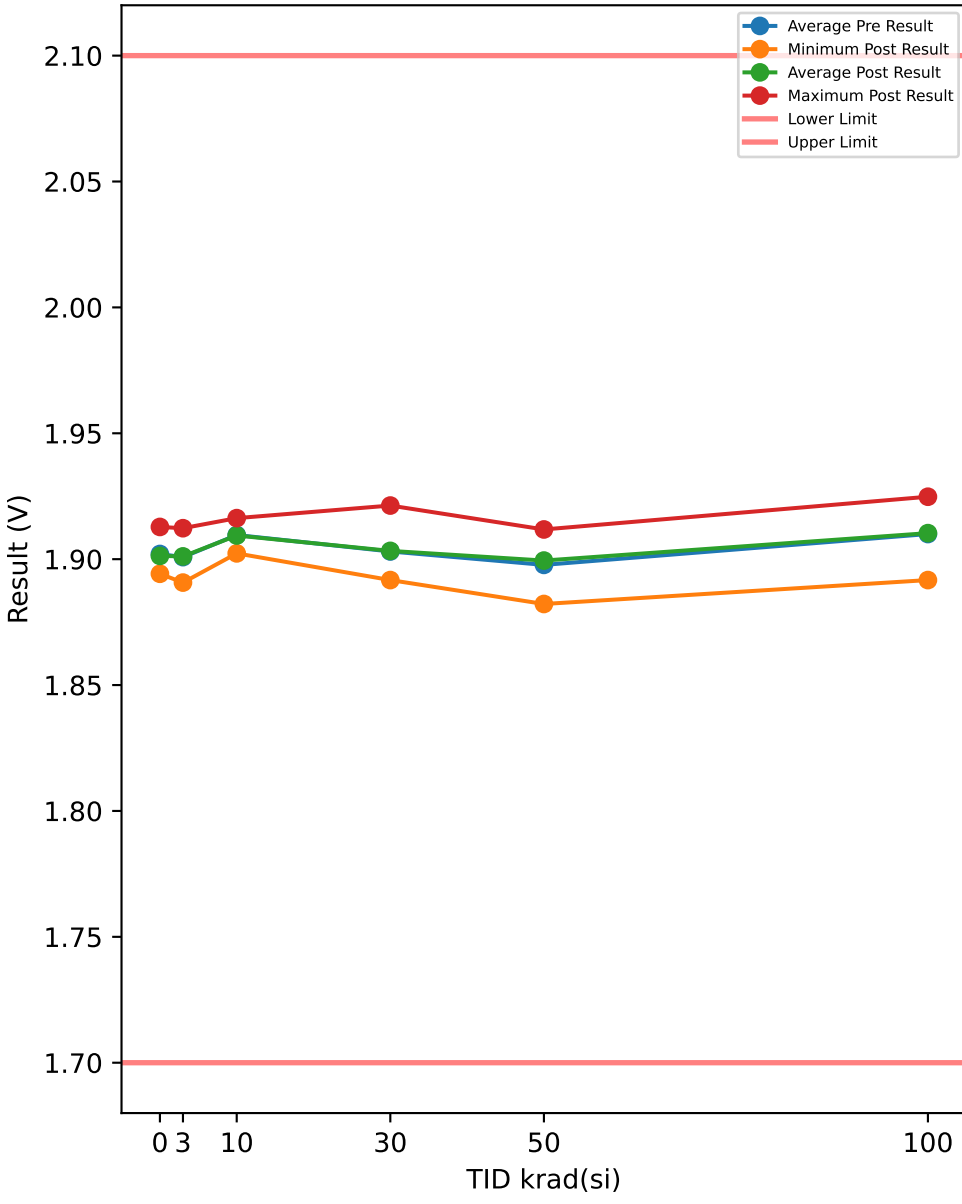


Test Statistics (ms)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.4873	5.6073	5.7273	0.09798	5.5273	5.5913	5.6873	0.060663	-0.08	-0.016	0.04	0.053666
3	5.5273	5.6153	5.6473	0.036757	5.5673	5.6313	5.7273	0.050596	-0.04	0.016	0.08	0.042999
10	5.5273	5.6113	5.6873	0.054813	5.5273	5.6153	5.6873	0.049171	-0.08	0.004	0.08	0.04402
30	5.5273	5.6073	5.6873	0.059628	5.4873	5.5833	5.6873	0.063105	-0.08	-0.024	0.04	0.033731
50	5.5273	5.5953	5.6873	0.042374	5.5273	5.5913	5.6473	0.042999	-0.08	-0.004	0.04	0.039777
100	5.5673	5.6233	5.6873	0.038644	5.5273	5.5873	5.6873	0.04714	-0.08	-0.036	0	0.029515

Device Test: 22.8 LEVEL|RISE/COMP/5////@V_COMP_SD

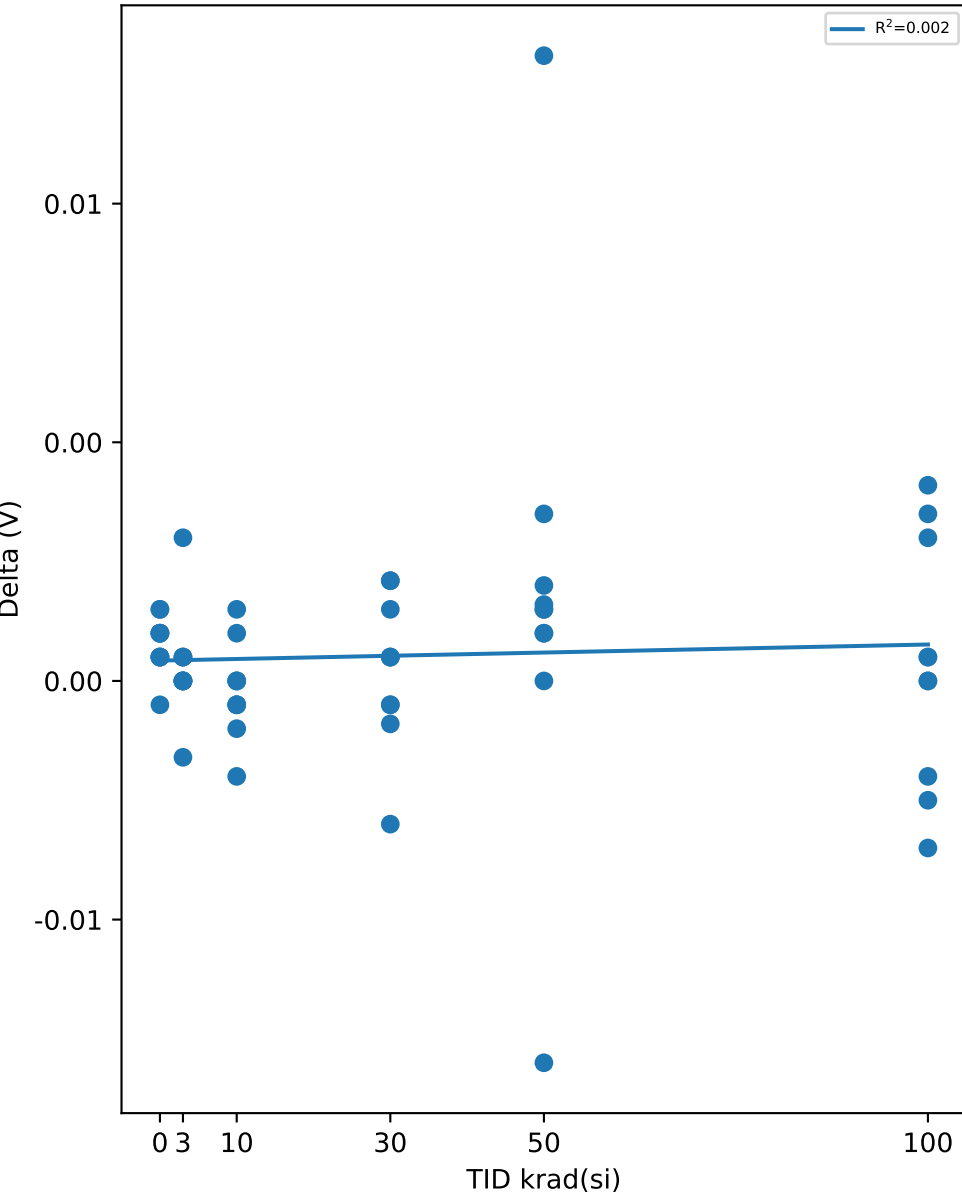
TID vs Result Stats



Test Results (Lower Limit = 1.7, Upper Limit = 2.1 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.9113	1.9128	0.0015
516	0	CORRELATION	1.9023	1.9038	0.0015
721	0	CORRELATION	1.8982	1.8977	-0.0005
723	0	CORRELATION	1.9048	1.9058	0.001
729	0	CORRELATION	1.8937	1.8942	0.0005
1000	3	Unbiased	1.8967	1.8972	0.0005
1001	3	Unbiased	1.9048	1.9048	0
1002	3	Unbiased	1.9123	1.9123	0
1003	3	Unbiased	1.9018	1.9018	0
1004	3	Unbiased	1.8942	1.8972	0.003
1005	3	Biased	1.8998	1.8982	-0.0016
1006	3	Biased	1.9043	1.9048	0.0005
1007	3	Biased	1.9033	1.9033	0
1008	3	Biased	1.8907	1.8907	0
1009	3	Biased	1.9002	1.9007	0.0005
1010	10	Unbiased	1.9113	1.9103	-0.001
1011	10	Unbiased	1.9028	1.9023	-0.0005
1012	10	Unbiased	1.9163	1.9163	0
1013	10	Unbiased	1.9063	1.9073	0.001
1014	10	Unbiased	1.9093	1.9093	0
1015	10	Biased	1.9128	1.9123	-0.0005
1016	10	Biased	1.9053	1.9033	-0.002
1017	10	Biased	1.9108	1.9108	0
1018	10	Biased	1.9108	1.9123	0.0015
1019	10	Biased	1.9103	1.9098	-0.0005
1020	30	Unbiased	1.9063	1.9033	-0.003
1021	30	Unbiased	1.9007	1.8998	-0.0009
1022	30	Unbiased	1.9078	1.9083	0.0005
1023	30	Unbiased	1.9053	1.9048	-0.0005
1024	30	Unbiased	1.9023	1.9028	0.0005
1025	30	Biased	1.9208	1.9213	0.0005
1026	30	Biased	1.8977	1.8998	0.0021
1027	30	Biased	1.8998	1.9013	0.0015
1028	30	Biased	1.8977	1.8998	0.0021
1029	30	Biased	1.8922	1.8917	-0.0005
1030	50	Unbiased	1.8932	1.8947	0.0015
1031	50	Unbiased	1.8927	1.8962	0.0035
1032	50	Unbiased	1.9007	1.9023	0.0016
1033	50	Unbiased	1.8822	1.8822	0
1034	50	Unbiased	1.8982	1.9002	0.002
1035	50	Biased-84Hr-Anneal	1.9108	1.9118	0.001
1036	50	Biased-84Hr-Anneal	1.9023	1.9038	0.0015
1037	50	Biased-84Hr-Anneal	1.8922	1.8932	0.001
1038	50	Biased-84Hr-Anneal	1.8977	1.9108	0.0131
1039	50	Biased-84Hr-Anneal	1.9073	1.8993	-0.008
1040	100	Unbiased-168Hr-Anneal	1.9002	1.9043	0.0041
1041	100	Unbiased-168Hr-Anneal	1.9173	1.9178	0.0005
1042	100	Unbiased-168Hr-Anneal	1.9123	1.9153	0.003
1043	100	Unbiased-168Hr-Anneal	1.9138	1.9138	0
1044	100	Unbiased-168Hr-Anneal	1.9038	1.9018	-0.002
1045	100	Biased-168Hr-Anneal	1.9058	1.9023	-0.0035
1046	100	Biased-168Hr-Anneal	1.9108	1.9108	0
1047	100	Biased-168Hr-Anneal	1.8942	1.8917	-0.0025
1048	100	Biased-168Hr-Anneal	1.9173	1.9208	0.0035
1049	100	Biased-168Hr-Anneal	1.9243	1.9248	0.0005

TID vs Post - Pre Exposure Delta

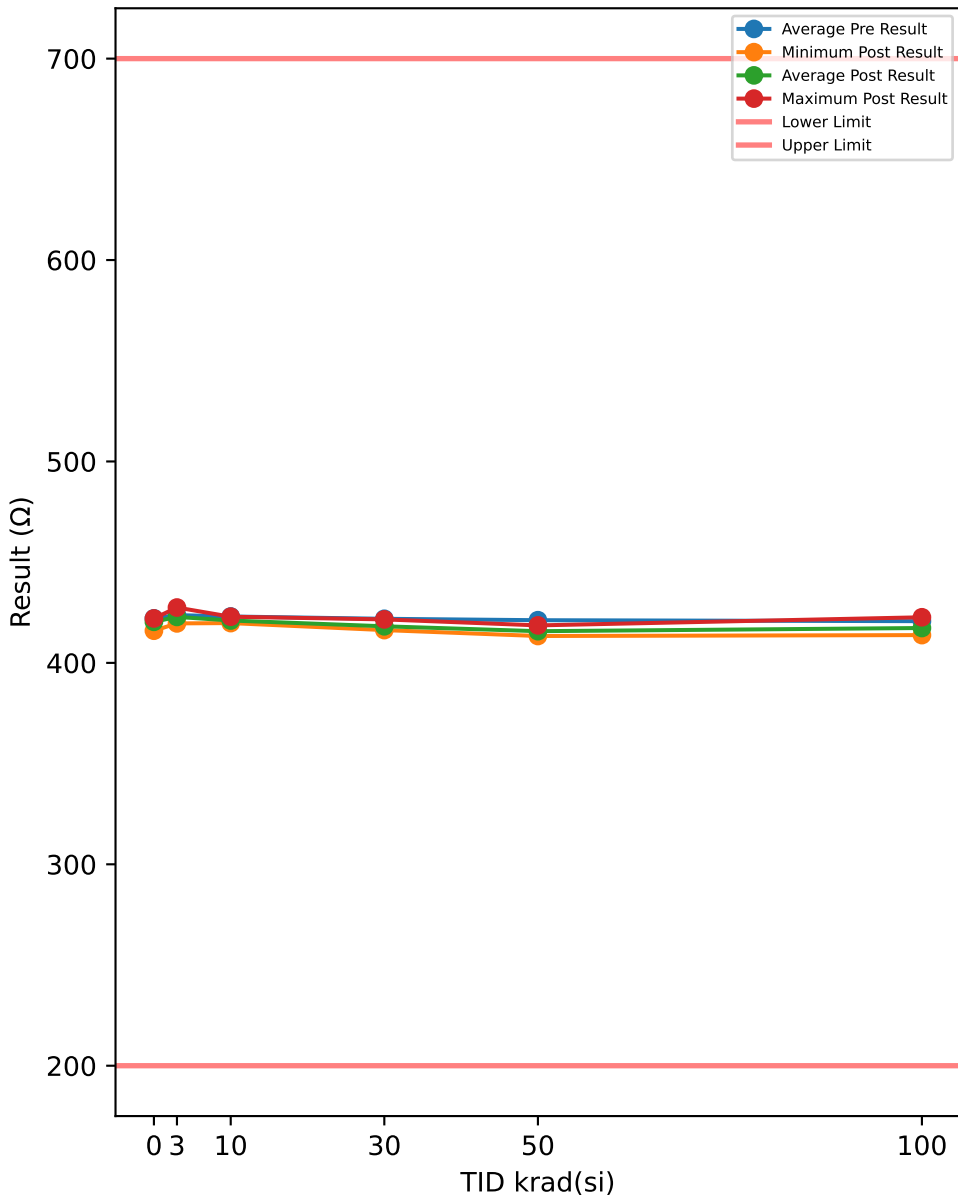


Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.8937	1.9021	1.9113	0.0066658	1.8942	1.9029	1.9128	0.0072449	-0.0005	0.0008	0.0015	0.00083666
3	1.8907	1.9008	1.9123	0.0060689	1.8907	1.9011	1.9123	0.0058243	-0.0016	0.00029	0.003	0.0011289
10	1.9028	1.9096	1.9163	0.003903	1.9023	1.9094	1.9163	0.0042085	-0.002	-0.0002	0.0015	0.00097753
30	1.8922	1.9031	1.9208	0.0077808	1.8917	1.9033	1.9213	0.0076508	-0.003	0.00023	0.0021	0.0015492
50	1.8822	1.8977	1.9108	0.0082322	1.8822	1.8994	1.9118	0.0086841	-0.008	0.00172	0.0131	0.0050699
100	1.8942	1.91	1.9243	0.0090259	1.8917	1.9103	1.9248	0.010179	-0.0035	0.00036	0.0041	0.0025769

Device Test: 22.9 LEVEL|SINK/SS_TR/5////@R_SS_DISCHARGE

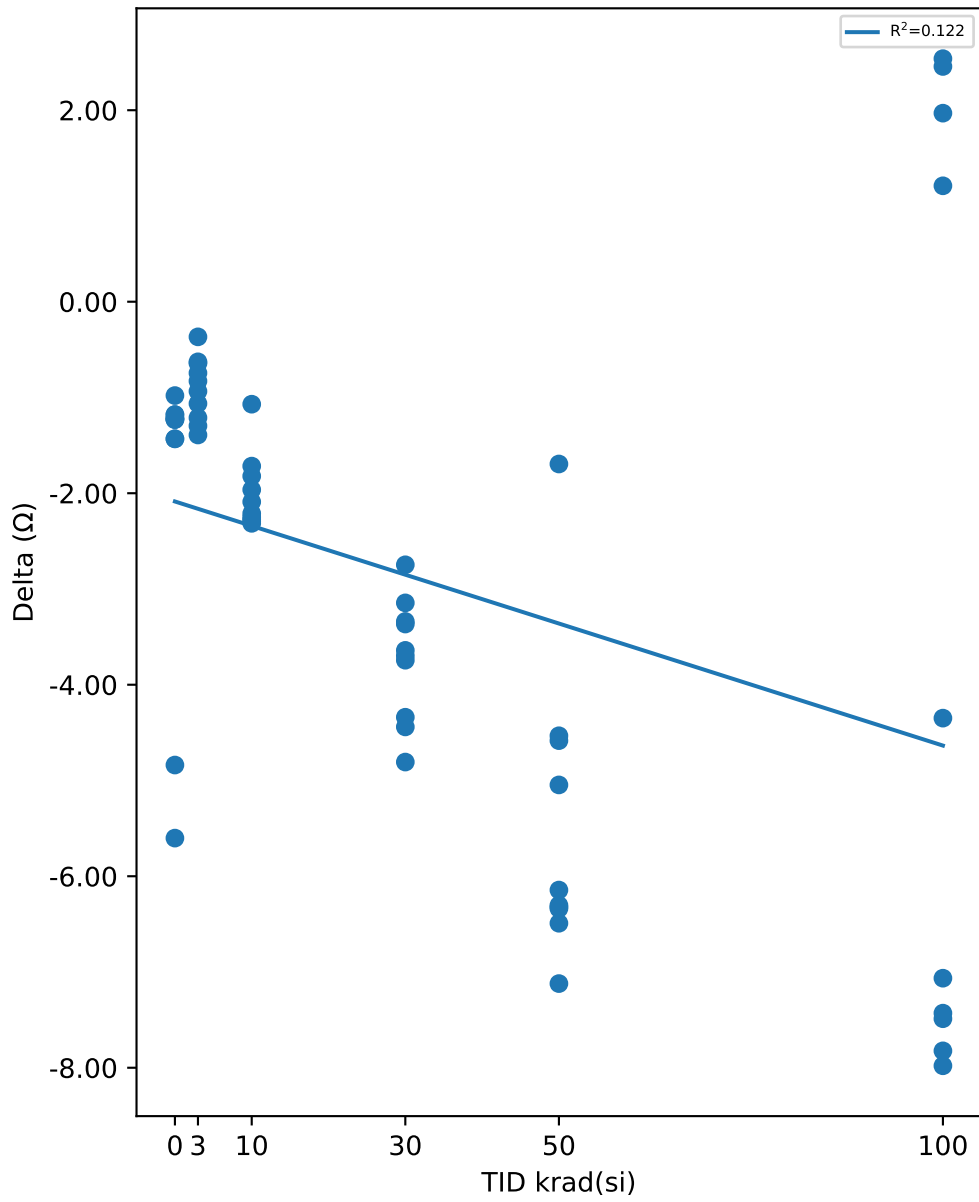
TID vs Result Stats



Test Results (Lower Limit = 200.0, Upper Limit = 700.0 (Ω))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	421.85	417.01	-4.8386
516	0	CORRELATION	421.57	415.97	-5.6018
721	0	CORRELATION	422.11	421.13	-0.98
723	0	CORRELATION	423.24	422.06	-1.1791
729	0	CORRELATION	421.82	420.59	-1.2306
1000	3	Unbiased	422.46	421.81	-0.6428
1001	3	Unbiased	424.87	424.05	-0.8287
1002	3	Unbiased	420.81	419.6	-1.2118
1003	3	Unbiased	424.41	423.48	-0.9354
1004	3	Unbiased	423.58	422.95	-0.6277
1005	3	Biased	421.79	421.42	-0.3669
1006	3	Biased	422.11	421.36	-0.7445
1007	3	Biased	423.97	422.57	-1.3917
1008	3	Biased	428.78	427.48	-1.2966
1009	3	Biased	424.49	423.43	-1.0634
1010	10	Unbiased	423.99	422.92	-1.0702
1011	10	Unbiased	423.03	420.72	-2.3143
1012	10	Unbiased	421.97	419.76	-2.2112
1013	10	Unbiased	423.7	421.43	-2.2713
1014	10	Unbiased	422.97	420.68	-2.2916
1015	10	Biased	422.99	421.17	-1.8212
1016	10	Biased	423.08	421.36	-1.7168
1017	10	Biased	422.32	420.23	-2.0899
1018	10	Biased	422.14	419.9	-2.2494
1019	10	Biased	424.15	422.18	-1.9633
1020	30	Unbiased	420.1	416.76	-3.3391
1021	30	Unbiased	422.79	419.42	-3.3661
1022	30	Unbiased	422.81	418.47	-4.3394
1023	30	Unbiased	421.78	417.34	-4.4405
1024	30	Unbiased	422.4	417.6	-4.8075
1025	30	Biased	421	418.25	-2.7474
1026	30	Biased	421.91	418.76	-3.1452
1027	30	Biased	420.91	417.16	-3.7439
1028	30	Biased	419.92	416.27	-3.6411
1029	30	Biased	425.28	421.59	-3.6968
1030	50	Unbiased	422.39	415.9	-6.491
1031	50	Unbiased	420.5	414.16	-6.3375
1032	50	Unbiased	420.01	413.69	-6.3211
1033	50	Unbiased	419.65	413.34	-6.3027
1034	50	Unbiased	420.75	414.6	-6.1443
1035	50	Biased-84Hr-Anneal	422.19	417.6	-4.5838
1036	50	Biased-84Hr-Anneal	421.13	416.6	-4.533
1037	50	Biased-84Hr-Anneal	421.7	416.65	-5.0463
1038	50	Biased-84Hr-Anneal	423.3	416.18	-7.121
1039	50	Biased-84Hr-Anneal	420.31	418.61	-1.6947
1040	100	Unbiased-168Hr-Anneal	421.32	413.83	-7.488
1041	100	Unbiased-168Hr-Anneal	422.51	414.69	-7.8236
1042	100	Unbiased-168Hr-Anneal	422.82	414.84	-7.9794
1043	100	Unbiased-168Hr-Anneal	420.86	413.8	-7.0648
1044	100	Unbiased-168Hr-Anneal	421.75	414.32	-7.4298
1045	100	Biased-168Hr-Anneal	418.61	421.07	2.457
1046	100	Biased-168Hr-Anneal	418.82	420.79	1.9692
1047	100	Biased-168Hr-Anneal	421.43	422.64	1.2106
1048	100	Biased-168Hr-Anneal	420.77	416.42	-4.3488
1049	100	Biased-168Hr-Anneal	418.18	420.71	2.5383

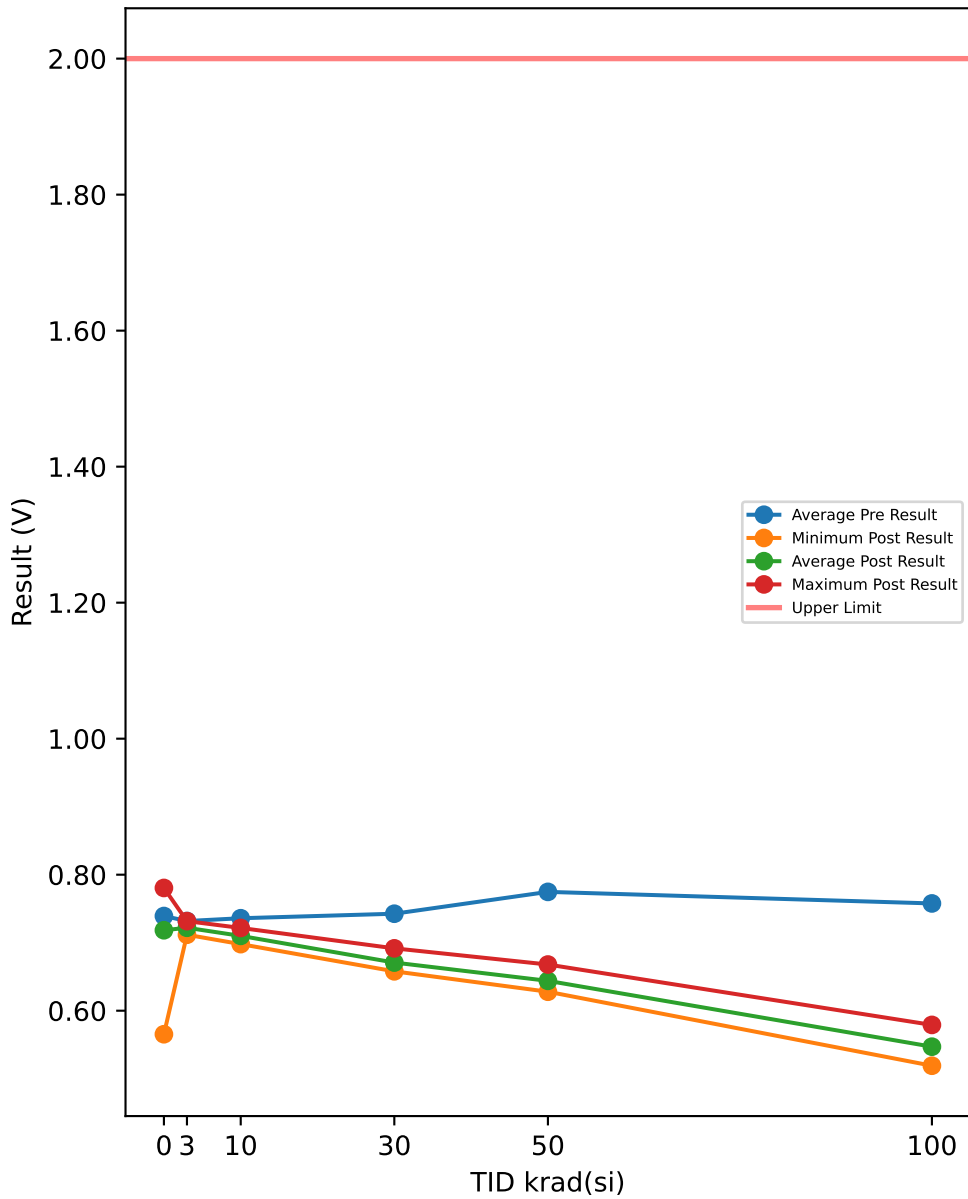
TID vs Post - Pre Exposure Delta



Test Statistics (Ω)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	421.57	422.12	423.24	0.65644	415.97	419.35	422.06	2.6909	-5.6018	-2.766	-0.98	2.2585
3	420.81	423.73	428.78	2.2229	419.6	422.82	427.48	2.0972	-1.3917	-0.91095	-0.3669	0.32944
10	421.97	423.04	424.15	0.74899	419.76	421.04	422.92	0.99807	-2.3143	-1.9999	-1.0702	0.38735
30	419.92	421.89	425.28	1.5749	416.27	418.16	421.59	1.5393	-4.8075	-3.7267	-2.7474	0.63587
50	419.65	421.19	423.3	1.1731	413.34	415.73	418.61	1.7398	-7.121	-5.4575	-1.6947	1.5807
100	418.18	420.71	422.82	1.6367	413.8	417.31	422.64	3.55	-7.9794	-3.3959	2.5383	4.8013

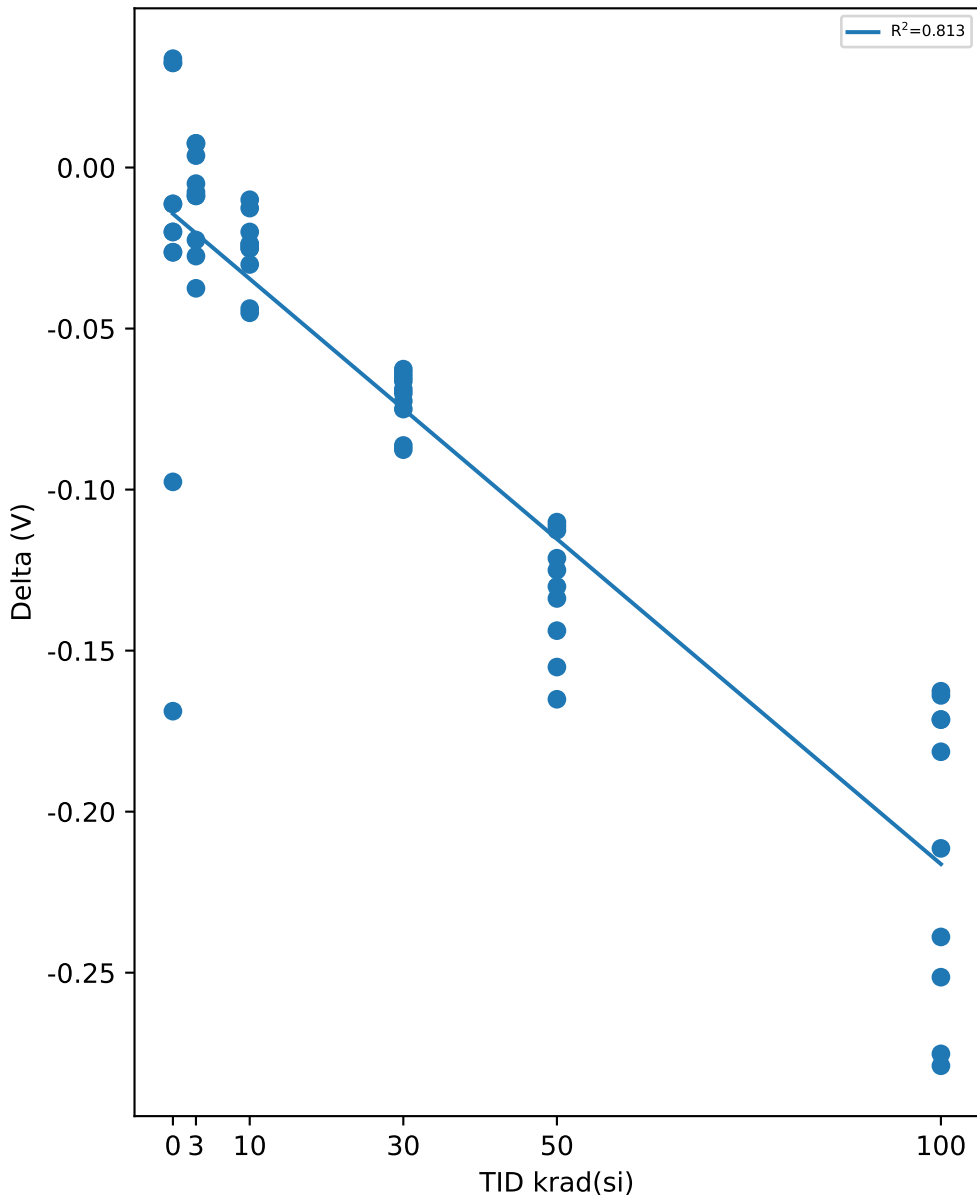
TID vs Result Stats



Test Results (Upper Limit = 2.0 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.7342	0.5654	-0.1688
516	0	CORRELATION	0.7342	0.6366	-0.0976
721	0	CORRELATION	0.7317	0.7655	0.0338
723	0	CORRELATION	0.748	0.7367	-0.0113
729	0	CORRELATION	0.748	0.728	-0.02
1000	3	Unbiased	0.7205	0.728	0.0075
1001	3	Unbiased	0.7555	0.728	-0.0275
1002	3	Unbiased	0.7255	0.7205	-0.005
1003	3	Unbiased	0.7255	0.7167	-0.0088
1004	3	Unbiased	0.7255	0.7179	-0.0076
1005	3	Biased	0.7567	0.7192	-0.0375
1006	3	Biased	0.728	0.7317	0.0037
1007	3	Biased	0.7342	0.7117	-0.0225
1008	3	Biased	0.728	0.7192	-0.0088
1009	3	Biased	0.7192	0.7267	0.0075
1010	10	Unbiased	0.7467	0.7217	-0.025
1011	10	Unbiased	0.7292	0.7092	-0.02
1012	10	Unbiased	0.7392	0.7154	-0.0238
1013	10	Unbiased	0.728	0.7154	-0.0126
1014	10	Unbiased	0.7505	0.7054	-0.0451
1015	10	Biased	0.7417	0.6979	-0.0438
1016	10	Biased	0.7242	0.7004	-0.0238
1017	10	Biased	0.733	0.7029	-0.0301
1018	10	Biased	0.7355	0.7104	-0.0251
1019	10	Biased	0.7317	0.7217	-0.01
1020	30	Unbiased	0.733	0.6629	-0.0701
1021	30	Unbiased	0.7405	0.6742	-0.0663
1022	30	Unbiased	0.7255	0.6629	-0.0626
1023	30	Unbiased	0.7455	0.6579	-0.0876
1024	30	Unbiased	0.7667	0.6917	-0.075
1025	30	Biased	0.7292	0.6604	-0.0688
1026	30	Biased	0.7255	0.6604	-0.0651
1027	30	Biased	0.763	0.6767	-0.0863
1028	30	Biased	0.7442	0.6717	-0.0725
1029	30	Biased	0.753	0.6892	-0.0638
1030	50	Unbiased	0.763	0.6417	-0.1213
1031	50	Unbiased	0.7555	0.6442	-0.1113
1032	50	Unbiased	0.758	0.6279	-0.1301
1033	50	Unbiased	0.7617	0.6279	-0.1338
1034	50	Unbiased	0.7492	0.6391	-0.1101
1035	50	Biased-84Hr-Anneal	0.833	0.6679	-0.1651
1036	50	Biased-84Hr-Anneal	0.808	0.6529	-0.1551
1037	50	Biased-84Hr-Anneal	0.7917	0.6479	-0.1438
1038	50	Biased-84Hr-Anneal	0.7605	0.6479	-0.1126
1039	50	Biased-84Hr-Anneal	0.7667	0.6417	-0.125
1040	100	Unbiased-168Hr-Anneal	0.7355	0.5729	-0.1626
1041	100	Unbiased-168Hr-Anneal	0.7292	0.5578	-0.1714
1042	100	Unbiased-168Hr-Anneal	0.7267	0.5553	-0.1714
1043	100	Unbiased-168Hr-Anneal	0.7605	0.5791	-0.1814
1044	100	Unbiased-168Hr-Anneal	0.723	0.5591	-0.1639
1045	100	Biased-168Hr-Anneal	0.8043	0.5291	-0.2752
1046	100	Biased-168Hr-Anneal	0.758	0.5191	-0.2389
1047	100	Biased-168Hr-Anneal	0.7542	0.5428	-0.2114
1048	100	Biased-168Hr-Anneal	0.803	0.5241	-0.2789
1049	100	Biased-168Hr-Anneal	0.783	0.5316	-0.2514

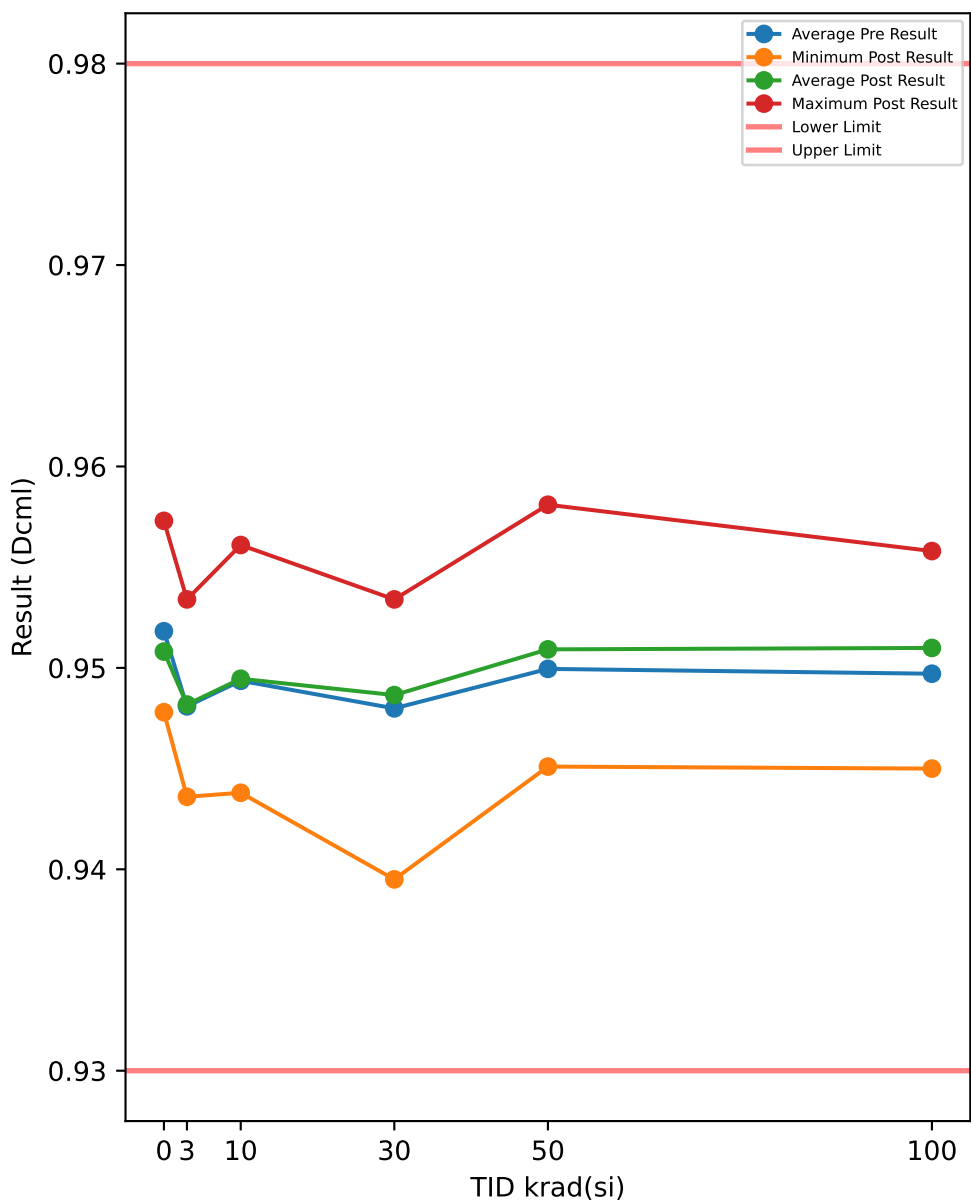
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.7317	0.73922	0.748	0.0080797	0.5654	0.68644	0.7655	0.083124	-0.1688	-0.05278	0.0338	0.080251
3	0.7192	0.73186	0.7567	0.013424	0.7117	0.72196	0.7317	0.0062989	-0.0375	-0.0099	0.0075	0.015101
10	0.7242	0.73597	0.7505	0.0084635	0.6979	0.71004	0.7217	0.0084526	-0.0451	-0.02593	-0.01	0.011457
30	0.7255	0.74261	0.7667	0.014821	0.6579	0.6708	0.6917	0.012157	-0.0876	-0.07181	-0.0626	0.0088587
50	0.7492	0.77473	0.833	0.027215	0.6279	0.64391	0.6679	0.011709	-0.1651	-0.13082	-0.1101	0.018884
100	0.723	0.75774	0.8043	0.030467	0.5191	0.54709	0.5791	0.020846	-0.2789	-0.21065	-0.1626	0.046803

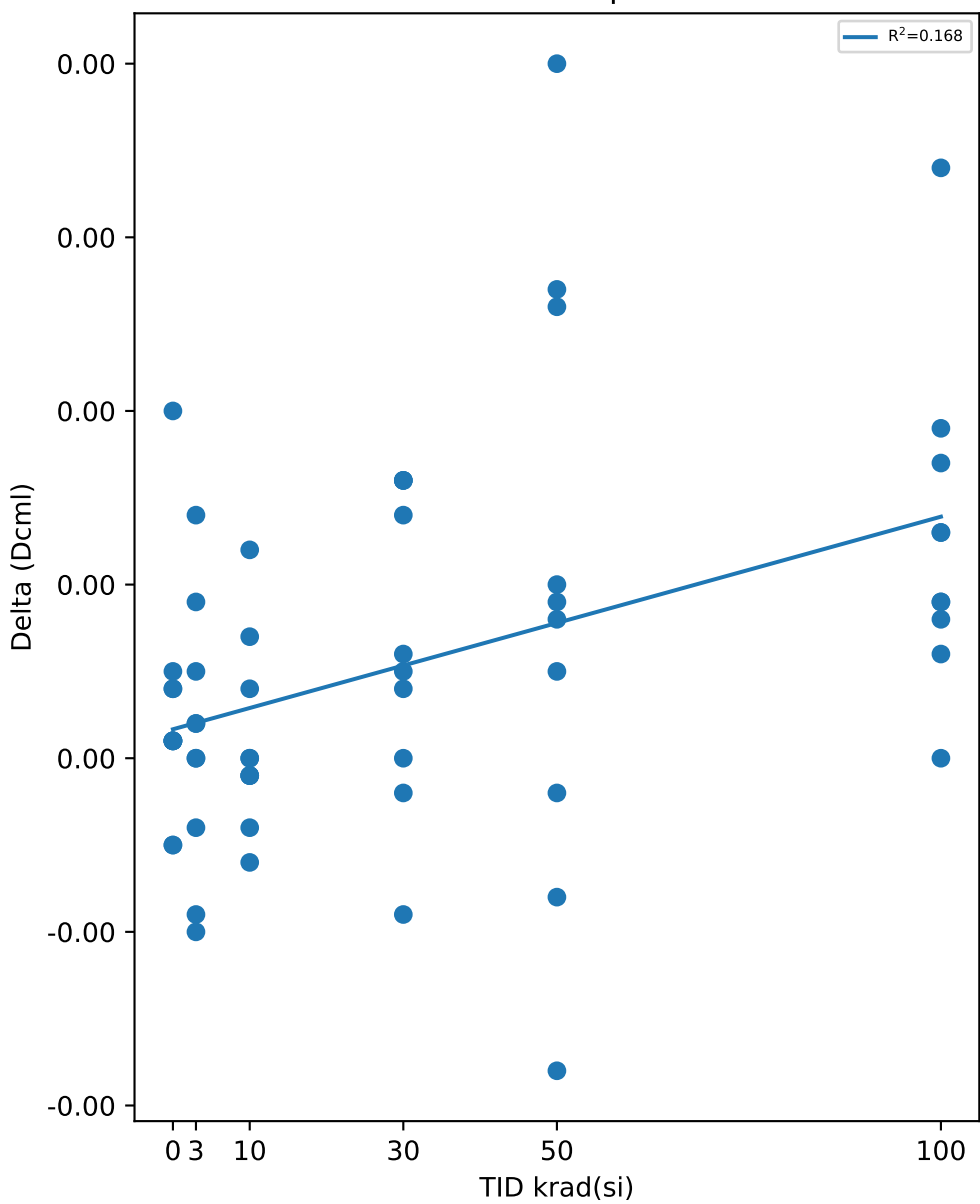
TID vs Result Stats



Test Results (Lower Limit = 0.93, Upper Limit = 0.98 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9568	0.9573	0.0005
516	0	CORRELATION	0.9551	0.9571	0.002
721	0	CORRELATION	0.9482	0.9483	0.0001
723	0	CORRELATION	0.9477	0.9478	0.0001
729	0	CORRELATION	0.9513	0.9508	-0.0005
1000	3	Unbiased	0.9485	0.9485	0
1001	3	Unbiased	0.9501	0.9506	0.0005
1002	3	Unbiased	0.9534	0.9534	0
1003	3	Unbiased	0.9467	0.9463	-0.0004
1004	3	Unbiased	0.9442	0.9456	0.0014
1005	3	Biased	0.9462	0.9464	0.0002
1006	3	Biased	0.9434	0.9436	0.0002
1007	3	Biased	0.9516	0.9506	-0.001
1008	3	Biased	0.9523	0.9514	-0.0009
1009	3	Biased	0.9445	0.9454	0.0009
1010	10	Unbiased	0.946	0.9472	0.0012
1011	10	Unbiased	0.9438	0.9438	0
1012	10	Unbiased	0.9479	0.9473	-0.0006
1013	10	Unbiased	0.9523	0.9522	-0.0001
1014	10	Unbiased	0.9513	0.9512	-0.0001
1015	10	Biased	0.9493	0.95	0.0007
1016	10	Biased	0.945	0.9446	-0.0004
1017	10	Biased	0.9481	0.948	-0.0001
1018	10	Biased	0.9561	0.9561	0
1019	10	Biased	0.9538	0.9542	0.0004
1020	30	Unbiased	0.9448	0.9446	-0.0002
1021	30	Unbiased	0.9462	0.9476	0.0014
1022	30	Unbiased	0.9523	0.9514	-0.0009
1023	30	Unbiased	0.9507	0.9513	0.0006
1024	30	Unbiased	0.9518	0.9534	0.0016
1025	30	Biased	0.9518	0.9522	0.0004
1026	30	Biased	0.9505	0.9505	0
1027	30	Biased	0.9411	0.9427	0.0016
1028	30	Biased	0.9517	0.9533	0.0016
1029	30	Biased	0.939	0.9395	0.0005
1030	50	Unbiased	0.9481	0.949	0.0009
1031	50	Unbiased	0.9526	0.9553	0.0027
1032	50	Unbiased	0.9453	0.9451	-0.0002
1033	50	Unbiased	0.946	0.9486	0.0026
1034	50	Unbiased	0.9481	0.9486	0.0005
1035	50	Biased-84Hr-Anneal	0.9532	0.9514	-0.0018
1036	50	Biased-84Hr-Anneal	0.9505	0.9513	0.0008
1037	50	Biased-84Hr-Anneal	0.945	0.946	0.001
1038	50	Biased-84Hr-Anneal	0.9566	0.9558	-0.0008
1039	50	Biased-84Hr-Anneal	0.9541	0.9581	0.004
1040	100	Unbiased-168Hr-Anneal	0.9498	0.9507	0.0009
1041	100	Unbiased-168Hr-Anneal	0.9481	0.9494	0.0013
1042	100	Unbiased-168Hr-Anneal	0.9491	0.9525	0.0034
1043	100	Unbiased-168Hr-Anneal	0.9503	0.9509	0.0006
1044	100	Unbiased-168Hr-Anneal	0.9533	0.9552	0.0019
1045	100	Biased-168Hr-Anneal	0.9498	0.9515	0.0017
1046	100	Biased-168Hr-Anneal	0.9503	0.9503	0
1047	100	Biased-168Hr-Anneal	0.9437	0.945	0.0013
1048	100	Biased-168Hr-Anneal	0.955	0.9558	0.0008
1049	100	Biased-168Hr-Anneal	0.9477	0.9486	0.0009

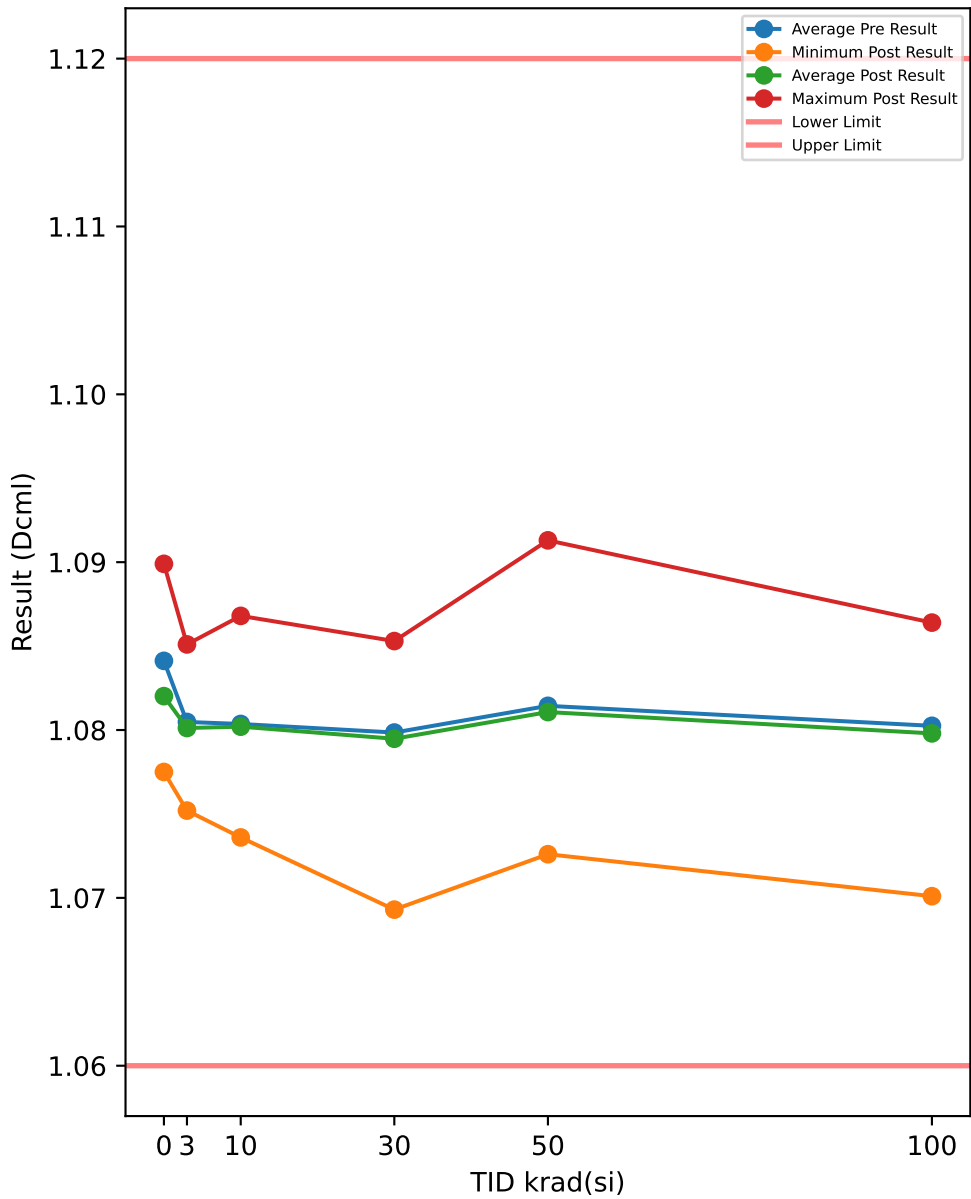
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9477	0.95182	0.9568	0.0040592	0.9478	0.95226	0.9573	0.0046511	-0.0005	0.00044	0.002	0.00094234
3	0.9434	0.94809	0.9534	0.0036205	0.9436	0.94818	0.9534	0.0031885	-0.001	9e-05	0.0014	0.00074454
10	0.9438	0.94936	0.9561	0.0039789	0.9438	0.94946	0.9561	0.0040131	-0.0006	0.0001	0.0012	0.00053125
30	0.939	0.94799	0.9523	0.0049068	0.9395	0.94865	0.9534	0.0048468	-0.0009	0.00066	0.0016	0.00087585
50	0.945	0.94995	0.9566	0.0040539	0.9451	0.95092	0.9581	0.0043135	-0.0018	0.00097	0.004	0.0017404
100	0.9437	0.94971	0.955	0.0030679	0.945	0.95099	0.9558	0.0031285	0	0.00128	0.0034	0.00092352

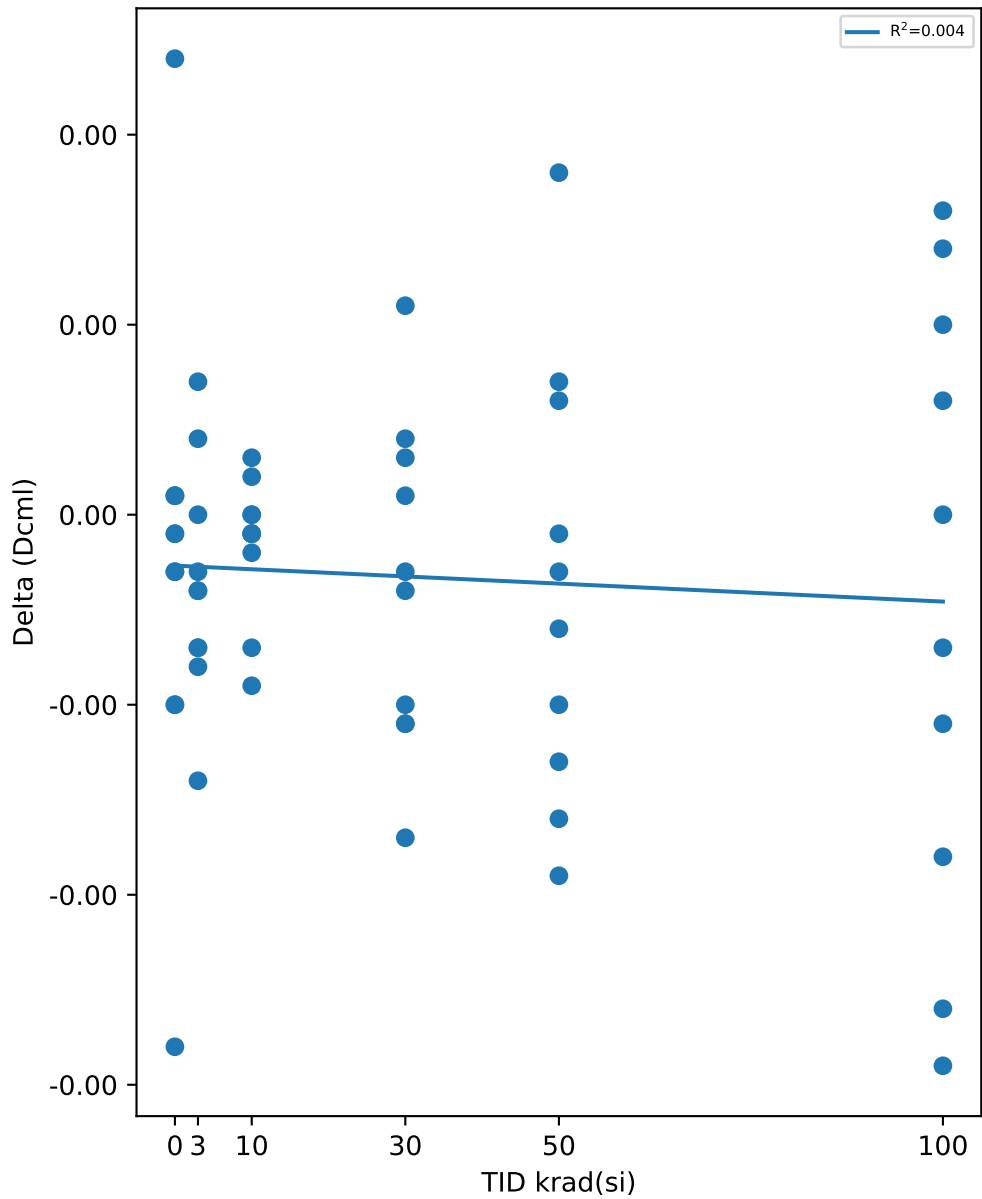
TID vs Result Stats



Test Results (Lower Limit = 1.06, Upper Limit = 1.12 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0902	1.0874	-0.0028
516	0	CORRELATION	1.0875	1.0899	0.0024
721	0	CORRELATION	1.0814	1.0815	0.0001
723	0	CORRELATION	1.0776	1.0775	-0.0001
729	0	CORRELATION	1.0839	1.0829	-0.001
1000	3	Unbiased	1.0812	1.0808	-0.0004
1001	3	Unbiased	1.0839	1.0832	-0.0007
1002	3	Unbiased	1.0851	1.0851	0
1003	3	Unbiased	1.0789	1.0781	-0.0008
1004	3	Unbiased	1.0785	1.0792	0.0007
1005	3	Biased	1.0776	1.0772	-0.0004
1006	3	Biased	1.0755	1.0752	-0.0003
1007	3	Biased	1.0828	1.0821	-0.0007
1008	3	Biased	1.0857	1.0843	-0.0014
1009	3	Biased	1.0756	1.076	0.0004
1010	10	Unbiased	1.0772	1.0775	0.0003
1011	10	Unbiased	1.0736	1.0736	0
1012	10	Unbiased	1.0774	1.0773	-0.0001
1013	10	Unbiased	1.0856	1.0849	-0.0007
1014	10	Unbiased	1.0807	1.0806	-0.0001
1015	10	Biased	1.0804	1.0806	0.0002
1016	10	Biased	1.0765	1.0756	-0.0009
1017	10	Biased	1.0793	1.0791	-0.0002
1018	10	Biased	1.0861	1.086	-0.0001
1019	10	Biased	1.0868	1.0868	0
1020	30	Unbiased	1.0767	1.0756	-0.0011
1021	30	Unbiased	1.0802	1.0806	0.0004
1022	30	Unbiased	1.0844	1.0827	-0.0017
1023	30	Unbiased	1.082	1.0816	-0.0004
1024	30	Unbiased	1.0842	1.0853	0.0011
1025	30	Biased	1.0849	1.0839	-0.001
1026	30	Biased	1.0809	1.0798	-0.0011
1027	30	Biased	1.0692	1.0693	0.0001
1028	30	Biased	1.0831	1.0834	0.0003
1029	30	Biased	1.0729	1.0726	-0.0003
1030	50	Unbiased	1.0775	1.0762	-0.0013
1031	50	Unbiased	1.0857	1.0851	-0.0006
1032	50	Unbiased	1.078	1.077	-0.001
1033	50	Unbiased	1.0774	1.0781	0.0007
1034	50	Unbiased	1.0802	1.0808	0.0006
1035	50	Biased-84Hr-Anneal	1.0835	1.0819	-0.0016
1036	50	Biased-84Hr-Anneal	1.0798	1.0797	-0.0001
1037	50	Biased-84Hr-Anneal	1.0729	1.0726	-0.0003
1038	50	Biased-84Hr-Anneal	1.0899	1.088	-0.0019
1039	50	Biased-84Hr-Anneal	1.0895	1.0913	0.0018
1040	100	Unbiased-168Hr-Anneal	1.0806	1.0822	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0807	1.08	-0.0007
1042	100	Unbiased-168Hr-Anneal	1.0789	1.0799	0.001
1043	100	Unbiased-168Hr-Anneal	1.0805	1.0805	0
1044	100	Unbiased-168Hr-Anneal	1.085	1.0864	0.0014
1045	100	Biased-168Hr-Anneal	1.0811	1.0817	0.0006
1046	100	Biased-168Hr-Anneal	1.0782	1.0771	-0.0011
1047	100	Biased-168Hr-Anneal	1.0727	1.0701	-0.0026
1048	100	Biased-168Hr-Anneal	1.0857	1.0839	-0.0018
1049	100	Biased-168Hr-Anneal	1.0791	1.0762	-0.0029

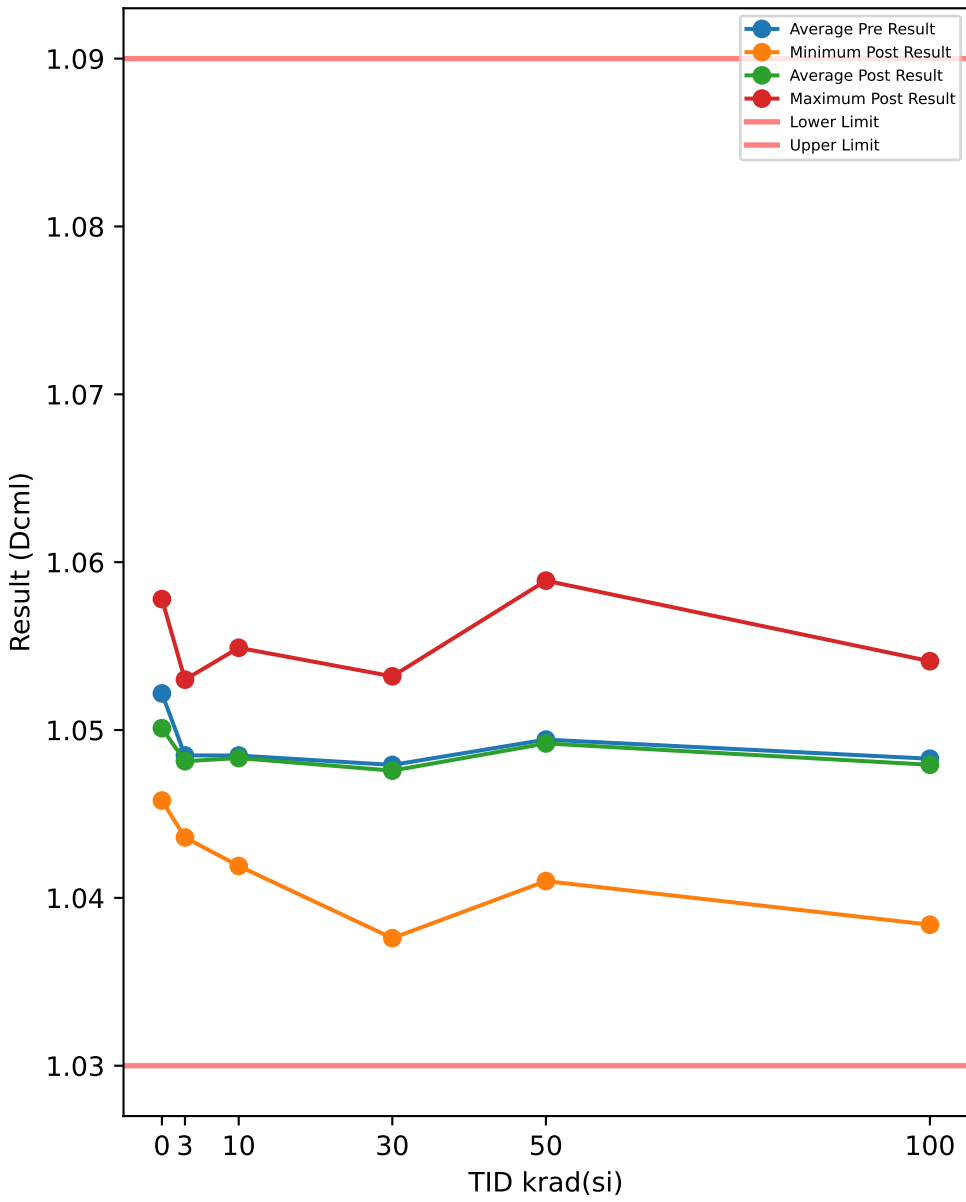
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0776	1.0841	1.0902	0.0049585	1.0775	1.0838	1.0899	0.0048978	-0.0028	-0.00028	0.0024	0.001886
3	1.0755	1.0805	1.0857	0.0037935	1.0752	1.0801	1.0851	0.0035083	-0.0014	-0.00036	0.0007	0.00060955
10	1.0736	1.0804	1.0868	0.0045026	1.0736	1.0802	1.0868	0.0044875	-0.0009	-0.00016	0.0003	0.00037178
30	1.0692	1.0798	1.0849	0.0053039	1.0693	1.0795	1.0853	0.0052812	-0.0017	-0.00037	0.0011	0.0008603
50	1.0729	1.0814	1.0899	0.0055754	1.0726	1.0811	1.0913	0.0056999	-0.0019	-0.00037	0.0018	0.0011567
100	1.0727	1.0802	1.0857	0.0036167	1.0701	1.0798	1.0864	0.0045292	-0.0029	-0.00045	0.0016	0.0016318

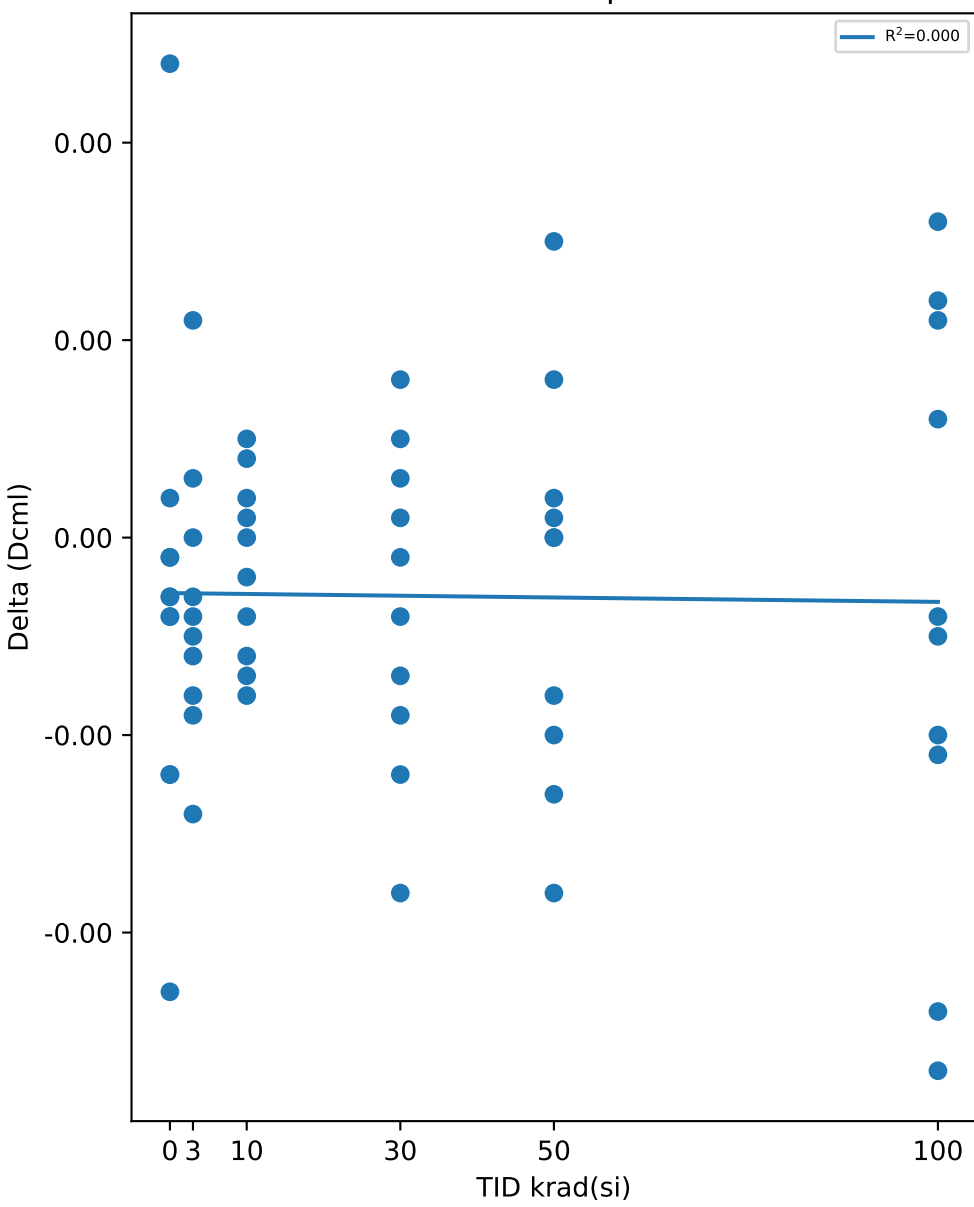
TID vs Result Stats



Test Results (Lower Limit = 1.03, Upper Limit = 1.09 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.058	1.0557	-0.0023
516	0	CORRELATION	1.0554	1.0578	0.0024
721	0	CORRELATION	1.0495	1.0497	0.0002
723	0	CORRELATION	1.0462	1.0458	-0.0004
729	0	CORRELATION	1.0518	1.0506	-0.0012
1000	3	Unbiased	1.0491	1.0485	-0.0006
1001	3	Unbiased	1.0516	1.0511	-0.0005
1002	3	Unbiased	1.053	1.053	0
1003	3	Unbiased	1.047	1.0462	-0.0008
1004	3	Unbiased	1.0462	1.0473	0.0011
1005	3	Biased	1.0459	1.0455	-0.0004
1006	3	Biased	1.0439	1.0436	-0.0003
1007	3	Biased	1.0511	1.0502	-0.0009
1008	3	Biased	1.0535	1.0521	-0.0014
1009	3	Biased	1.0436	1.0439	0.0003
1010	10	Unbiased	1.0452	1.0457	0.0005
1011	10	Unbiased	1.0417	1.0419	0.0002
1012	10	Unbiased	1.0454	1.0455	0.0001
1013	10	Unbiased	1.0535	1.0528	-0.0007
1014	10	Unbiased	1.0489	1.0487	-0.0002
1015	10	Biased	1.0485	1.0489	0.0004
1016	10	Biased	1.0445	1.0437	-0.0008
1017	10	Biased	1.0481	1.0475	-0.0006
1018	10	Biased	1.0541	1.0537	-0.0004
1019	10	Biased	1.0549	1.0549	0
1020	30	Unbiased	1.0447	1.0435	-0.0012
1021	30	Unbiased	1.0483	1.0486	0.0003
1022	30	Unbiased	1.0525	1.0507	-0.0018
1023	30	Unbiased	1.0499	1.0495	-0.0004
1024	30	Unbiased	1.0524	1.0532	0.0008
1025	30	Biased	1.0527	1.052	-0.0007
1026	30	Biased	1.0488	1.0479	-0.0009
1027	30	Biased	1.0375	1.0376	0.0001
1028	30	Biased	1.0512	1.0517	0.0005
1029	30	Biased	1.0412	1.0411	-0.0001
1030	50	Unbiased	1.0454	1.0446	-0.0008
1031	50	Unbiased	1.0534	1.0534	0
1032	50	Unbiased	1.0463	1.0453	-0.001
1033	50	Unbiased	1.0457	1.0465	0.0008
1034	50	Unbiased	1.0486	1.0487	0.0001
1035	50	Biased-84Hr-Anneal	1.0513	1.05	-0.0013
1036	50	Biased-84Hr-Anneal	1.0479	1.0479	0
1037	50	Biased-84Hr-Anneal	1.0408	1.041	0.0002
1038	50	Biased-84Hr-Anneal	1.0575	1.0557	-0.0018
1039	50	Biased-84Hr-Anneal	1.0574	1.0589	0.0015
1040	100	Unbiased-168Hr-Anneal	1.0485	1.0501	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0488	1.0483	-0.0005
1042	100	Unbiased-168Hr-Anneal	1.0468	1.0479	0.0011
1043	100	Unbiased-168Hr-Anneal	1.049	1.0486	-0.0004
1044	100	Unbiased-168Hr-Anneal	1.0529	1.0541	0.0012
1045	100	Biased-168Hr-Anneal	1.0494	1.05	0.0006
1046	100	Biased-168Hr-Anneal	1.0463	1.0452	-0.0011
1047	100	Biased-168Hr-Anneal	1.0408	1.0384	-0.0024
1048	100	Biased-168Hr-Anneal	1.0533	1.0523	-0.001
1049	100	Biased-168Hr-Anneal	1.0471	1.0444	-0.0027

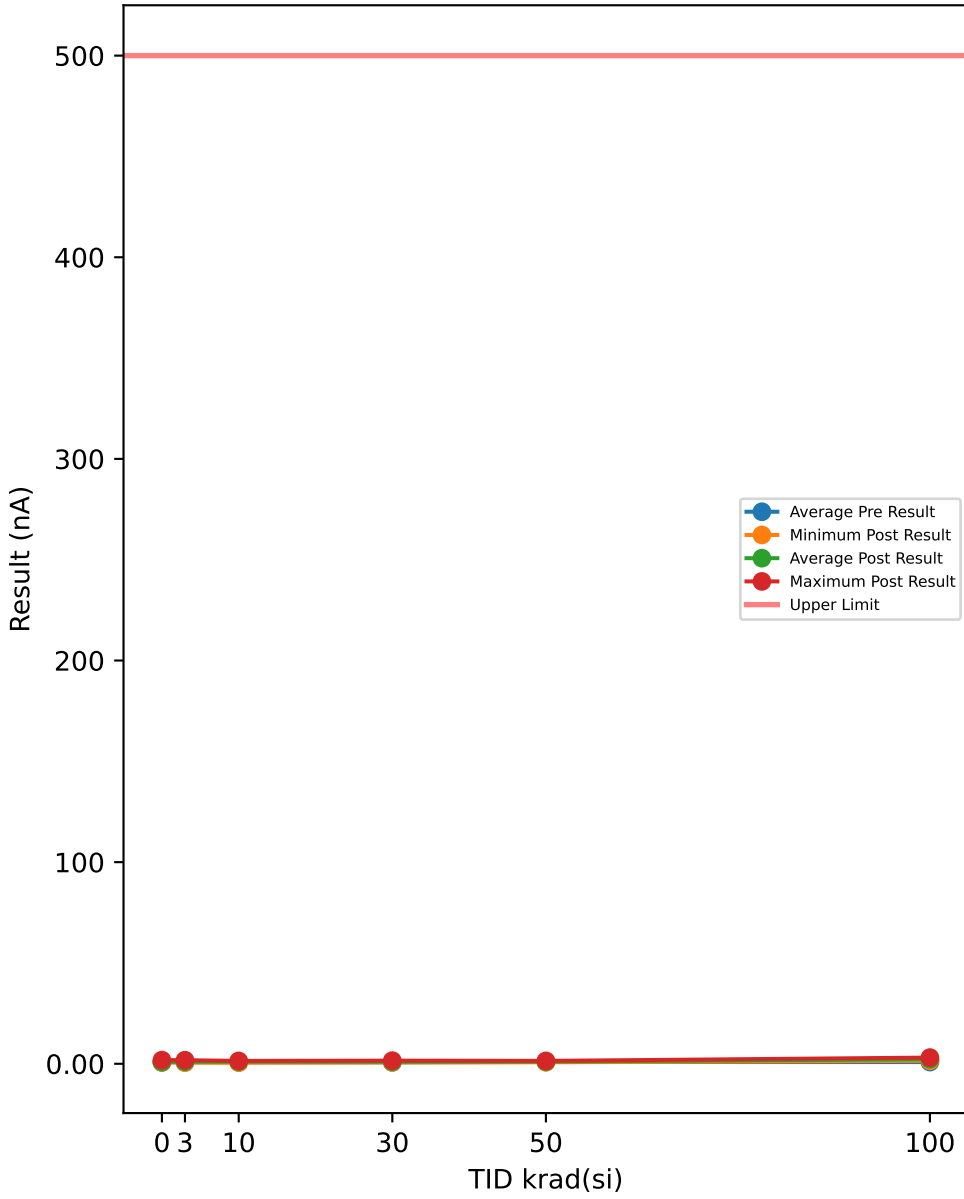
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0462	1.0522	1.058	0.0046725	1.0458	1.0519	1.0578	0.0048215	-0.0023	-0.00026	0.0024	0.0017573
3	1.0436	1.0485	1.0535	0.0036735	1.0436	1.0481	1.053	0.0033742	-0.0014	-0.00035	0.0011	0.00069482
10	1.0417	1.0485	1.0549	0.0044768	1.0419	1.0483	1.0549	0.0043569	-0.0008	-0.00015	0.0005	0.00046248
30	1.0375	1.0479	1.0527	0.0052025	1.0376	1.0476	1.0532	0.0051736	-0.0018	-0.00034	0.0008	0.00081541
50	1.0408	1.0494	1.0575	0.00543	1.041	1.0492	1.0589	0.0054514	-0.0018	-0.00023	0.0015	0.00099894
100	1.0408	1.0483	1.0533	0.0035291	1.0384	1.0479	1.0541	0.0044407	-0.0027	-0.00036	0.0016	0.0014886

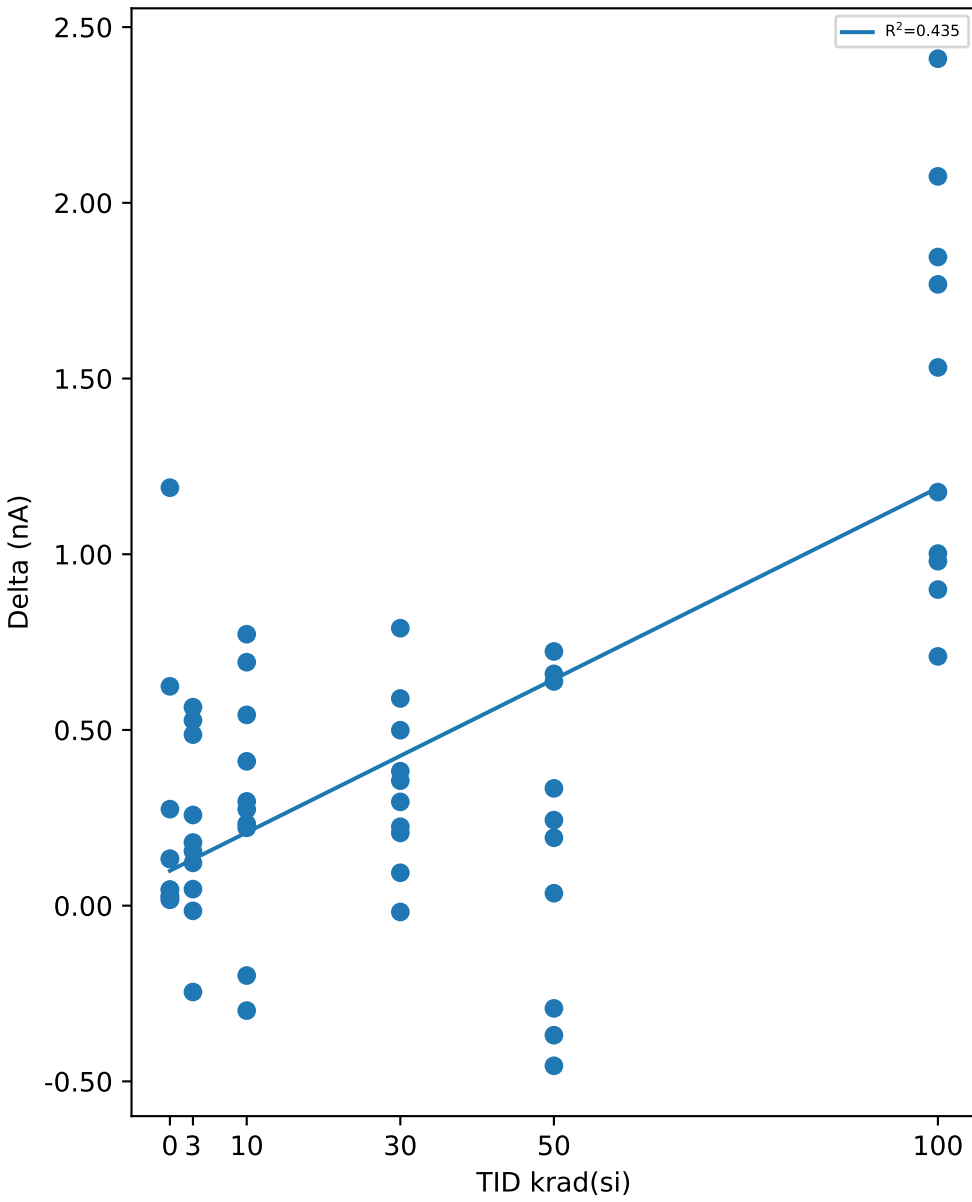
TID vs Result Stats



Test Results (Upper Limit = 500.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6316	1.821	1.1894
516	0	CORRELATION	0.6598	0.9344	0.2746
721	0	CORRELATION	0.7939	1.418	0.6241
723	0	CORRELATION	0.711	0.8442	0.1332
729	0	CORRELATION	0.6581	0.6856	0.0275
1000	3	Unbiased	0.8439	1.4087	0.5648
1001	3	Unbiased	0.6114	0.7912	0.1798
1002	3	Unbiased	0.6222	0.7439	0.1217
1003	3	Unbiased	0.7004	0.6856	-0.0148
1004	3	Unbiased	0.8689	0.916	0.0471
1005	3	Biased	0.7048	0.9628	0.258
1006	3	Biased	1.256	1.7833	0.5273
1007	3	Biased	0.823	0.978	0.155
1008	3	Biased	0.7722	0.5265	-0.2457
1009	3	Biased	1.0593	1.546	0.4867
1010	10	Unbiased	0.8378	1.1344	0.2966
1011	10	Unbiased	1.1096	1.3837	0.2741
1012	10	Unbiased	0.8095	0.6107	-0.1988
1013	10	Unbiased	0.7034	1.3962	0.6928
1014	10	Unbiased	0.6332	1.0439	0.4107
1015	10	Biased	0.7297	0.9628	0.2331
1016	10	Biased	0.822	0.5234	-0.2986
1017	10	Biased	0.655	1.4274	0.7724
1018	10	Biased	0.6348	0.8563	0.2215
1019	10	Biased	0.6972	1.2401	0.5429
1020	30	Unbiased	0.822	1.1777	0.3557
1021	30	Unbiased	0.769	1.5585	0.7895
1022	30	Unbiased	0.7035	0.6856	-0.0179
1023	30	Unbiased	0.6222	0.8292	0.207
1024	30	Unbiased	0.7265	1.0218	0.2953
1025	30	Biased	0.8347	1.4243	0.5896
1026	30	Biased	0.6191	1.1184	0.4993
1027	30	Biased	0.5026	0.8852	0.3826
1028	30	Biased	0.7348	0.9594	0.2246
1029	30	Biased	0.7565	0.8501	0.0936
1030	50	Unbiased	0.8597	1.1935	0.3338
1031	50	Unbiased	0.719	0.9625	0.2435
1032	50	Unbiased	0.5973	1.3207	0.7234
1033	50	Unbiased	0.5181	1.1561	0.638
1034	50	Unbiased	1.1502	1.3434	0.1932
1035	50	Biased-84Hr-Anneal	1.179	0.7234	-0.4556
1036	50	Biased-84Hr-Anneal	0.8491	0.8845	0.0354
1037	50	Biased-84Hr-Anneal	1.2134	0.8448	-0.3686
1038	50	Biased-84Hr-Anneal	0.7774	1.437	0.6596
1039	50	Biased-84Hr-Anneal	1.2298	0.9375	-0.2923
1040	100	Unbiased-168Hr-Anneal	0.6878	1.668	0.9802
1041	100	Unbiased-168Hr-Anneal	0.8816	1.7811	0.8995
1042	100	Unbiased-168Hr-Anneal	0.8347	1.8366	1.0019
1043	100	Unbiased-168Hr-Anneal	0.7545	1.4638	0.7093
1044	100	Unbiased-168Hr-Anneal	0.5692	1.7461	1.1769
1045	100	Biased-168Hr-Anneal	0.6495	3.0597	2.4102
1046	100	Biased-168Hr-Anneal	1.2201	3.0659	1.8458
1047	100	Biased-168Hr-Anneal	0.2969	2.3722	2.0753
1048	100	Biased-168Hr-Anneal	1.2201	2.7517	1.5316
1049	100	Biased-168Hr-Anneal	1.2388	3.0068	1.768

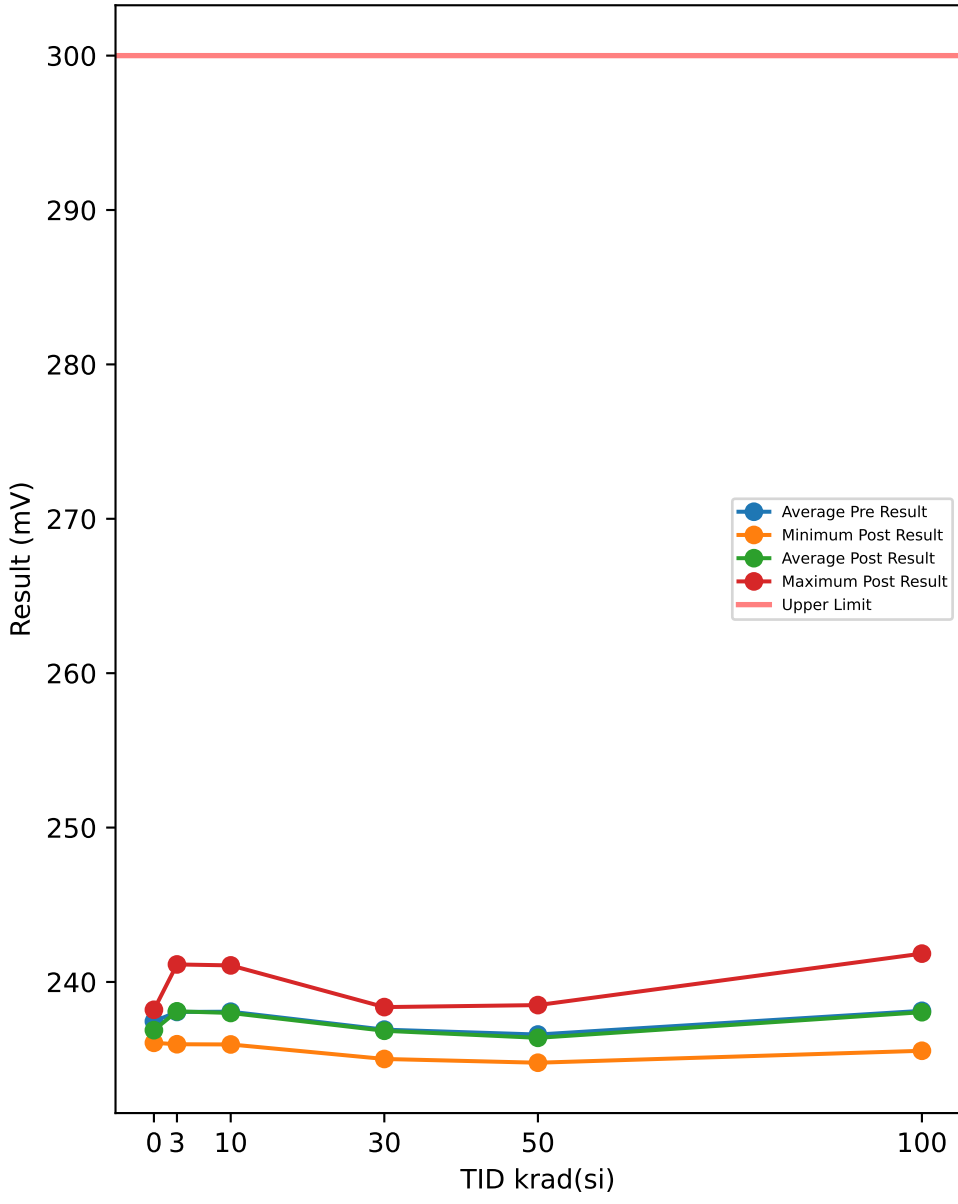
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6316	0.69088	0.7939	0.064367	0.6856	1.1406	1.821	0.46832	0.0275	0.44976	1.1894	0.47081
3	0.6114	0.82621	1.256	0.20068	0.5265	1.0342	1.7833	0.40936	-0.2457	0.20799	0.5648	0.2586
10	0.6332	0.76322	1.1096	0.14349	0.5234	1.0579	1.4274	0.32175	-0.2986	0.29467	0.7724	0.3443
30	0.5026	0.70909	0.8347	0.102	0.6856	1.051	1.5585	0.27433	-0.0179	0.34193	0.7895	0.23888
50	0.5181	0.9093	1.2298	0.26584	0.7234	1.0803	1.437	0.24227	-0.4556	0.17104	0.7234	0.43602
100	0.2969	0.83532	1.2388	0.31351	1.4638	2.2752	3.0659	0.646	0.7093	1.4399	2.4102	0.57001

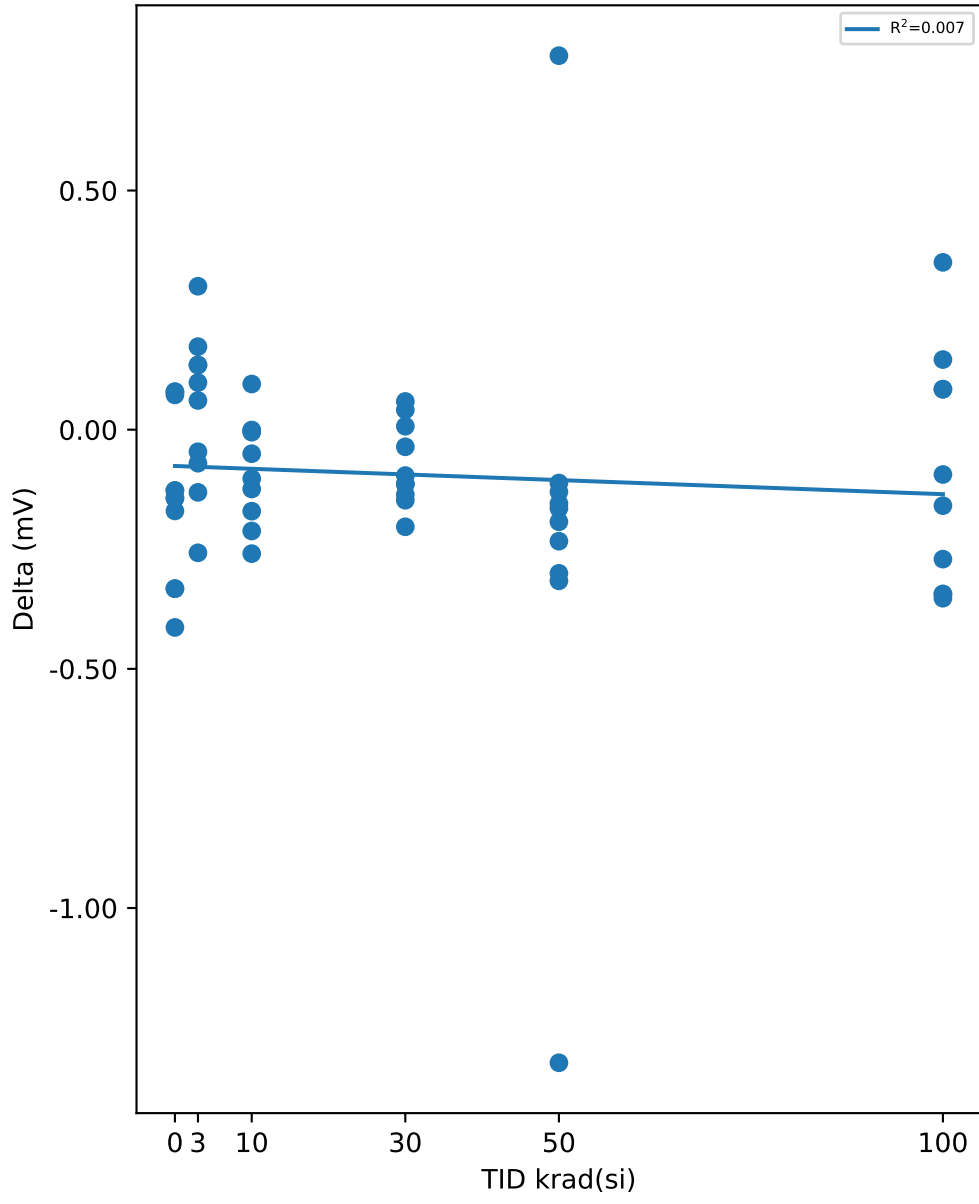
TID vs Result Stats



Test Results (Upper Limit = 300.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	238.61	238.2	-0.4134
516	0	CORRELATION	237.55	237.38	-0.1699
721	0	CORRELATION	237.75	237.82	0.0727
723	0	CORRELATION	236.19	236.26	0.0793
729	0	CORRELATION	237.14	236.81	-0.3323
1000	3	Unbiased	237.3	237.43	0.1353
1001	3	Unbiased	241.07	241.14	0.0611
1002	3	Unbiased	238.92	239.02	0.0985
1003	3	Unbiased	239.56	239.49	-0.0701
1004	3	Unbiased	237.25	237.54	0.2999
1005	3	Biased	237.22	237.17	-0.0461
1006	3	Biased	236.89	237.03	0.1352
1007	3	Biased	236.53	236.4	-0.131
1008	3	Biased	240.05	239.79	-0.2574
1009	3	Biased	235.79	235.97	0.1736
1010	10	Unbiased	241.12	241.07	-0.0502
1011	10	Unbiased	240.72	240.61	-0.1023
1012	10	Unbiased	238.04	238.04	-0.002
1013	10	Unbiased	236.75	236.75	-0.0052
1014	10	Unbiased	236.12	235.95	-0.1704
1015	10	Biased	236.97	236.84	-0.124
1016	10	Biased	237.88	237.62	-0.2591
1017	10	Biased	237.25	237.25	-0.0007
1018	10	Biased	239.17	238.96	-0.2118
1019	10	Biased	236.73	236.83	0.0955
1020	30	Unbiased	238.26	238.32	0.059
1021	30	Unbiased	236.96	237	0.0415
1022	30	Unbiased	236.41	236.26	-0.1475
1023	30	Unbiased	238.41	238.37	-0.0358
1024	30	Unbiased	235.87	235.78	-0.0959
1025	30	Biased	237.89	237.78	-0.1127
1026	30	Biased	236.85	236.71	-0.1357
1027	30	Biased	235.98	235.78	-0.203
1028	30	Biased	235.13	235.01	-0.1144
1029	30	Biased	237.37	237.38	0.0072
1030	50	Unbiased	235.52	235.32	-0.1925
1031	50	Unbiased	238.67	238.5	-0.1644
1032	50	Unbiased	235.1	234.97	-0.1298
1033	50	Unbiased	235.51	235.4	-0.1115
1034	50	Unbiased	234.92	234.77	-0.1544
1035	50	Biased-84Hr-Anneal	237.03	236.73	-0.3003
1036	50	Biased-84Hr-Anneal	237.38	237.15	-0.2331
1037	50	Biased-84Hr-Anneal	236.74	236.42	-0.316
1038	50	Biased-84Hr-Anneal	236.99	237.78	0.7819
1039	50	Biased-84Hr-Anneal	238.09	236.77	-1.3235
1040	100	Unbiased-168Hr-Anneal	241.93	241.84	-0.0937
1041	100	Unbiased-168Hr-Anneal	238.31	238.15	-0.1588
1042	100	Unbiased-168Hr-Anneal	235.81	235.54	-0.2706
1043	100	Unbiased-168Hr-Anneal	237.86	237.51	-0.3436
1044	100	Unbiased-168Hr-Anneal	237.22	236.88	-0.3436
1045	100	Biased-168Hr-Anneal	237.23	237.37	0.1466
1046	100	Biased-168Hr-Anneal	236.43	236.51	0.0845
1047	100	Biased-168Hr-Anneal	237.73	238.08	0.3498
1048	100	Biased-168Hr-Anneal	239.79	239.43	-0.3523
1049	100	Biased-168Hr-Anneal	239.01	239.09	0.0848

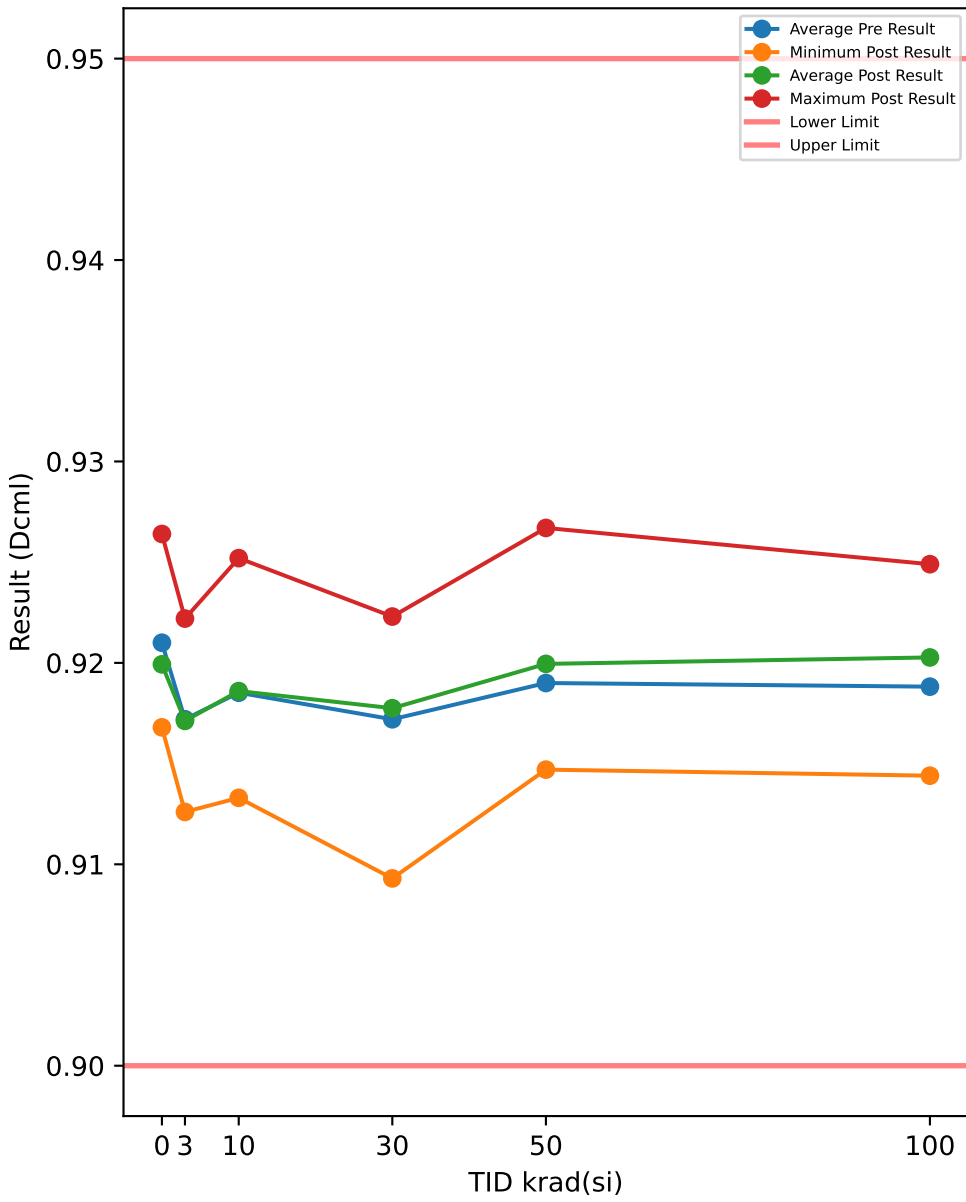
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	236.19	237.45	238.61	0.88662	236.26	237.29	238.2	0.77496	-0.4134	-0.15272	0.0793	0.22647
3	235.79	238.06	241.07	1.7265	235.97	238.1	241.14	1.6687	-0.2574	0.0399	0.2999	0.16487
10	236.12	238.07	241.12	1.7255	235.95	237.99	241.07	1.7125	-0.2591	-0.08302	0.0955	0.11036
30	235.13	236.91	238.41	1.086	235.01	236.84	238.37	1.139	-0.203	-0.07373	0.059	0.087268
50	234.92	236.6	238.67	1.2863	234.77	236.38	238.5	1.2464	-1.3235	-0.21436	0.7819	0.50167
100	235.81	238.13	241.93	1.7676	235.54	238.04	241.84	1.7673	-0.3523	-0.08969	0.3498	0.24613

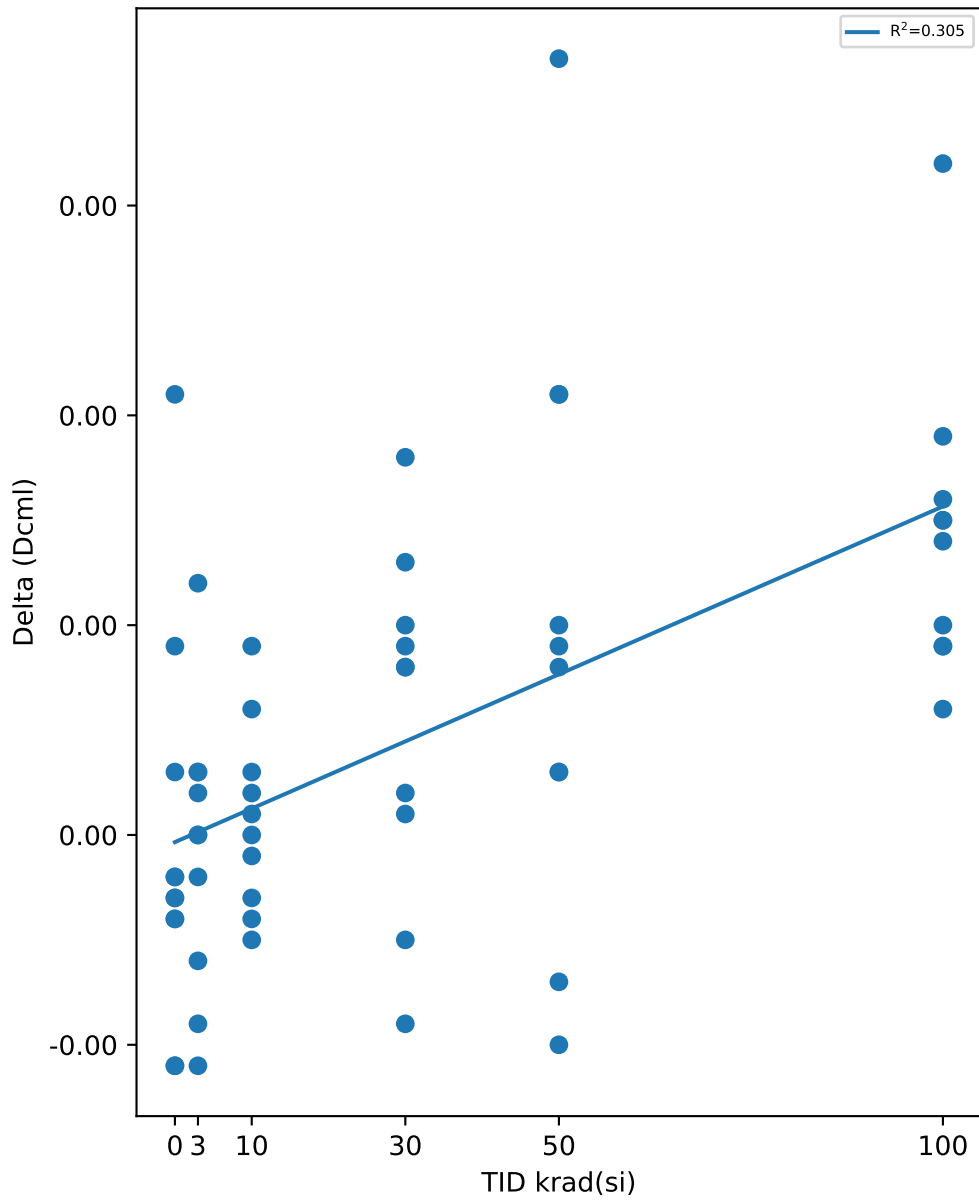
TID vs Result Stats



Test Results (Lower Limit = 0.9, Upper Limit = 0.95 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9255	0.9264	0.0009
516	0	CORRELATION	0.924	0.9261	0.0021
721	0	CORRELATION	0.9172	0.9175	0.0003
723	0	CORRELATION	0.9172	0.917	-0.0002
729	0	CORRELATION	0.9211	0.92	-0.0011
1000	3	Unbiased	0.9174	0.9176	0.0002
1001	3	Unbiased	0.9192	0.9192	0
1002	3	Unbiased	0.9219	0.9222	0.0003
1003	3	Unbiased	0.9161	0.9155	-0.0006
1004	3	Unbiased	0.9134	0.9146	0.0012
1005	3	Biased	0.9156	0.9154	-0.0002
1006	3	Biased	0.9126	0.9126	0
1007	3	Biased	0.9208	0.9197	-0.0011
1008	3	Biased	0.9212	0.9203	-0.0009
1009	3	Biased	0.9138	0.9141	0.0003
1010	10	Unbiased	0.9152	0.9161	0.0009
1011	10	Unbiased	0.913	0.9133	0.0003
1012	10	Unbiased	0.9169	0.9165	-0.0004
1013	10	Unbiased	0.9214	0.9214	0
1014	10	Unbiased	0.9204	0.9201	-0.0003
1015	10	Biased	0.9184	0.919	0.0006
1016	10	Biased	0.9144	0.9139	-0.0005
1017	10	Biased	0.9173	0.9174	0.0001
1018	10	Biased	0.9253	0.9252	-0.0001
1019	10	Biased	0.9229	0.9231	0.0002
1020	30	Unbiased	0.9143	0.9138	-0.0005
1021	30	Unbiased	0.9151	0.9164	0.0013
1022	30	Unbiased	0.9213	0.9204	-0.0009
1023	30	Unbiased	0.9196	0.9204	0.0008
1024	30	Unbiased	0.9214	0.9223	0.0009
1025	30	Biased	0.9209	0.921	0.0001
1026	30	Biased	0.9193	0.9195	0.0002
1027	30	Biased	0.9105	0.9123	0.0018
1028	30	Biased	0.9213	0.9221	0.0008
1029	30	Biased	0.9083	0.9093	0.001
1030	50	Unbiased	0.9173	0.9181	0.0008
1031	50	Unbiased	0.9217	0.9238	0.0021
1032	50	Unbiased	0.9144	0.9147	0.0003
1033	50	Unbiased	0.9154	0.9175	0.0021
1034	50	Unbiased	0.917	0.9173	0.0003
1035	50	Biased-84Hr-Anneal	0.9221	0.9214	-0.0007
1036	50	Biased-84Hr-Anneal	0.9194	0.9203	0.0009
1037	50	Biased-84Hr-Anneal	0.9142	0.9152	0.001
1038	50	Biased-84Hr-Anneal	0.9255	0.9245	-0.001
1039	50	Biased-84Hr-Anneal	0.923	0.9267	0.0037
1040	100	Unbiased-168Hr-Anneal	0.9187	0.9202	0.0015
1041	100	Unbiased-168Hr-Anneal	0.9172	0.9187	0.0015
1042	100	Unbiased-168Hr-Anneal	0.9185	0.9217	0.0032
1043	100	Unbiased-168Hr-Anneal	0.9196	0.9205	0.0009
1044	100	Unbiased-168Hr-Anneal	0.9221	0.924	0.0019
1045	100	Biased-168Hr-Anneal	0.9188	0.9204	0.0016
1046	100	Biased-168Hr-Anneal	0.9193	0.9199	0.0006
1047	100	Biased-168Hr-Anneal	0.913	0.9144	0.0014
1048	100	Biased-168Hr-Anneal	0.9239	0.9249	0.001
1049	100	Biased-168Hr-Anneal	0.9171	0.918	0.0009

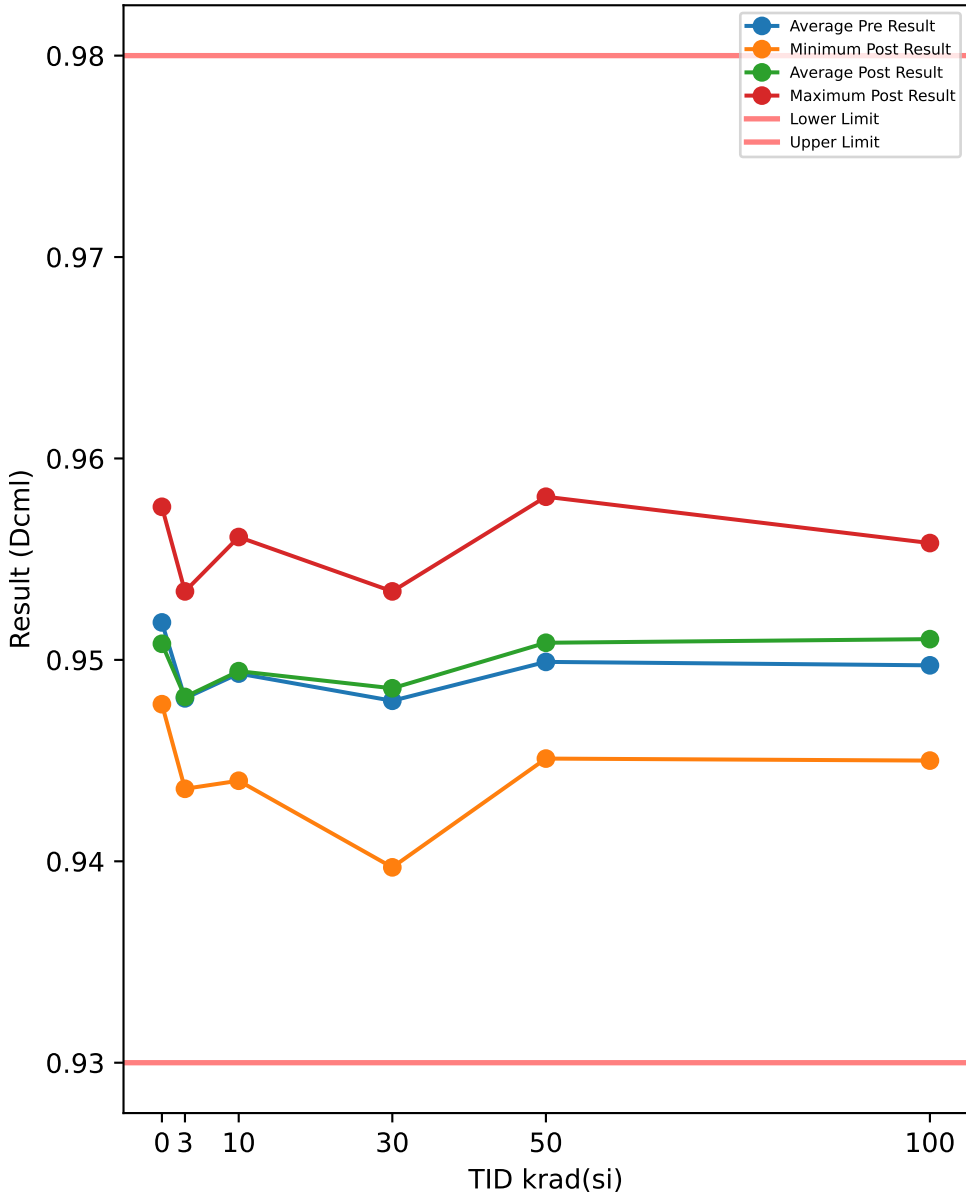
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9172	0.921	0.9255	0.0038125	0.917	0.9214	0.9264	0.0045722	-0.0011	0.0004	0.0021	0.0012
3	0.9126	0.9172	0.9219	0.0034322	0.9126	0.91712	0.9222	0.0031379	-0.0011	-8e-05	0.0012	0.000668
10	0.913	0.91852	0.9253	0.0039381	0.9133	0.9186	0.9252	0.0038922	-0.0005	8e-05	0.0009	0.00044171
30	0.9083	0.9172	0.9214	0.0048539	0.9093	0.91775	0.9223	0.0045439	-0.0009	0.00055	0.0018	0.00082361
50	0.9142	0.919	0.9255	0.003935	0.9147	0.91995	0.9267	0.0040809	-0.001	0.00095	0.0037	0.0013986
100	0.913	0.91882	0.9239	0.0029245	0.9144	0.92027	0.9249	0.0029755	0.0006	0.00145	0.0032	0.0007322

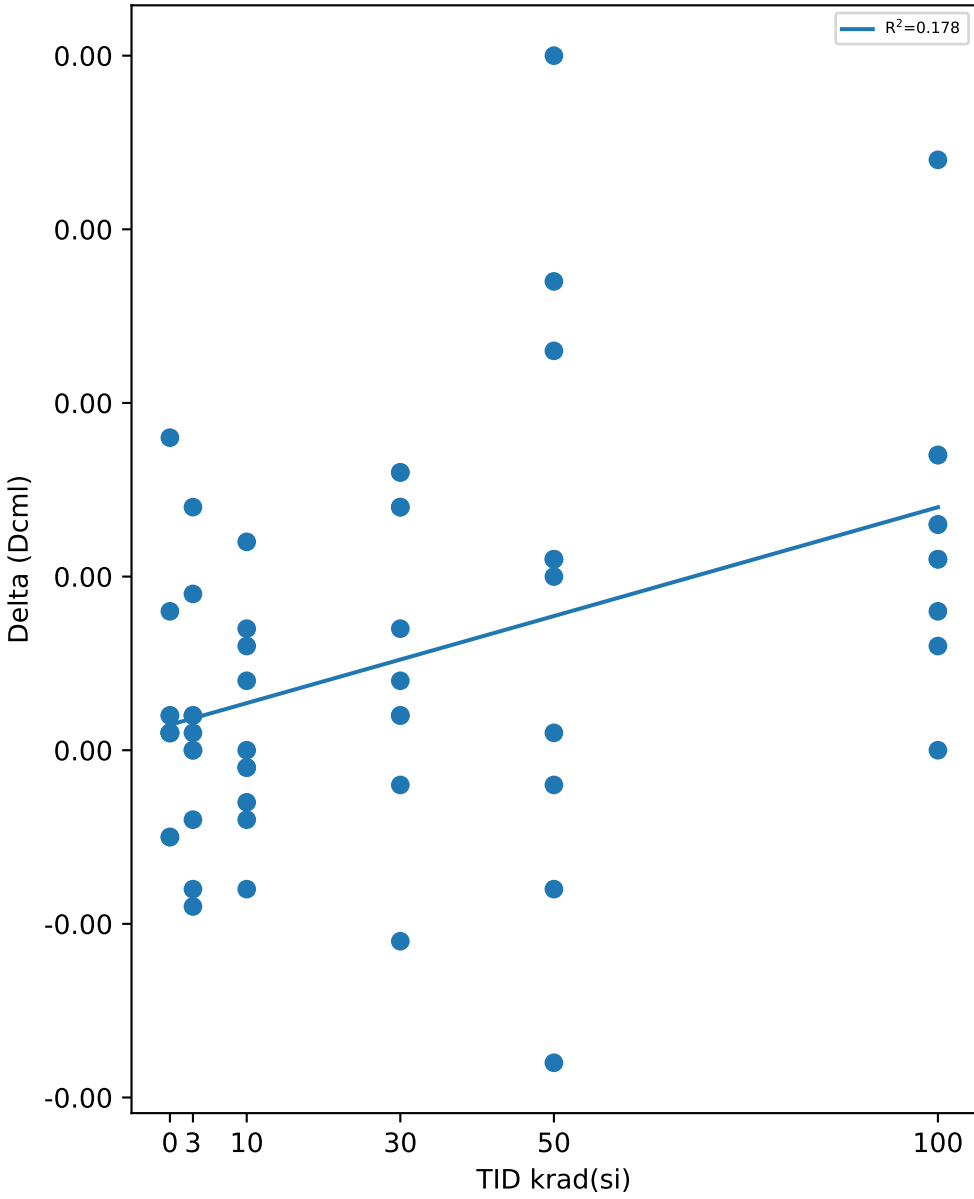
TID vs Result Stats



Test Results (Lower Limit = 0.93, Upper Limit = 0.98 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9568	0.9576	0.0008
516	0	CORRELATION	0.9553	0.9571	0.0018
721	0	CORRELATION	0.9482	0.9483	0.0001
723	0	CORRELATION	0.9477	0.9478	0.0001
729	0	CORRELATION	0.9513	0.9508	-0.0005
1000	3	Unbiased	0.9485	0.9485	0
1001	3	Unbiased	0.9503	0.9504	0.0001
1002	3	Unbiased	0.9534	0.9534	0
1003	3	Unbiased	0.9467	0.9463	-0.0004
1004	3	Unbiased	0.9442	0.9456	0.0014
1005	3	Biased	0.9462	0.9464	0.0002
1006	3	Biased	0.9434	0.9436	0.0002
1007	3	Biased	0.9514	0.9506	-0.0008
1008	3	Biased	0.9523	0.9514	-0.0009
1009	3	Biased	0.9445	0.9454	0.0009
1010	10	Unbiased	0.946	0.9472	0.0012
1011	10	Unbiased	0.9434	0.944	0.0006
1012	10	Unbiased	0.9479	0.9471	-0.0008
1013	10	Unbiased	0.9523	0.952	-0.0003
1014	10	Unbiased	0.9513	0.9512	-0.0001
1015	10	Biased	0.9493	0.95	0.0007
1016	10	Biased	0.945	0.9446	-0.0004
1017	10	Biased	0.9481	0.948	-0.0001
1018	10	Biased	0.9561	0.9561	0
1019	10	Biased	0.9538	0.9542	0.0004
1020	30	Unbiased	0.9448	0.9446	-0.0002
1021	30	Unbiased	0.9462	0.9476	0.0014
1022	30	Unbiased	0.9523	0.9512	-0.0011
1023	30	Unbiased	0.9507	0.9509	0.0002
1024	30	Unbiased	0.9518	0.9534	0.0016
1025	30	Biased	0.9518	0.952	0.0002
1026	30	Biased	0.9503	0.9507	0.0004
1027	30	Biased	0.9411	0.9427	0.0016
1028	30	Biased	0.9517	0.9531	0.0014
1029	30	Biased	0.939	0.9397	0.0007
1030	50	Unbiased	0.9479	0.949	0.0011
1031	50	Unbiased	0.9526	0.9553	0.0027
1032	50	Unbiased	0.9453	0.9451	-0.0002
1033	50	Unbiased	0.946	0.9483	0.0023
1034	50	Unbiased	0.9481	0.9482	0.0001
1035	50	Biased-84Hr-Anneal	0.9532	0.9514	-0.0018
1036	50	Biased-84Hr-Anneal	0.9502	0.9513	0.0011
1037	50	Biased-84Hr-Anneal	0.945	0.946	0.001
1038	50	Biased-84Hr-Anneal	0.9566	0.9558	-0.0008
1039	50	Biased-84Hr-Anneal	0.9541	0.9581	0.004
1040	100	Unbiased-168Hr-Anneal	0.9498	0.9509	0.0011
1041	100	Unbiased-168Hr-Anneal	0.9481	0.9494	0.0013
1042	100	Unbiased-168Hr-Anneal	0.9491	0.9525	0.0034
1043	100	Unbiased-168Hr-Anneal	0.9503	0.9509	0.0006
1044	100	Unbiased-168Hr-Anneal	0.9535	0.9552	0.0017
1045	100	Biased-168Hr-Anneal	0.9498	0.9515	0.0017
1046	100	Biased-168Hr-Anneal	0.9503	0.9503	0
1047	100	Biased-168Hr-Anneal	0.9437	0.945	0.0013
1048	100	Biased-168Hr-Anneal	0.955	0.9558	0.0008
1049	100	Biased-168Hr-Anneal	0.9477	0.9488	0.0011

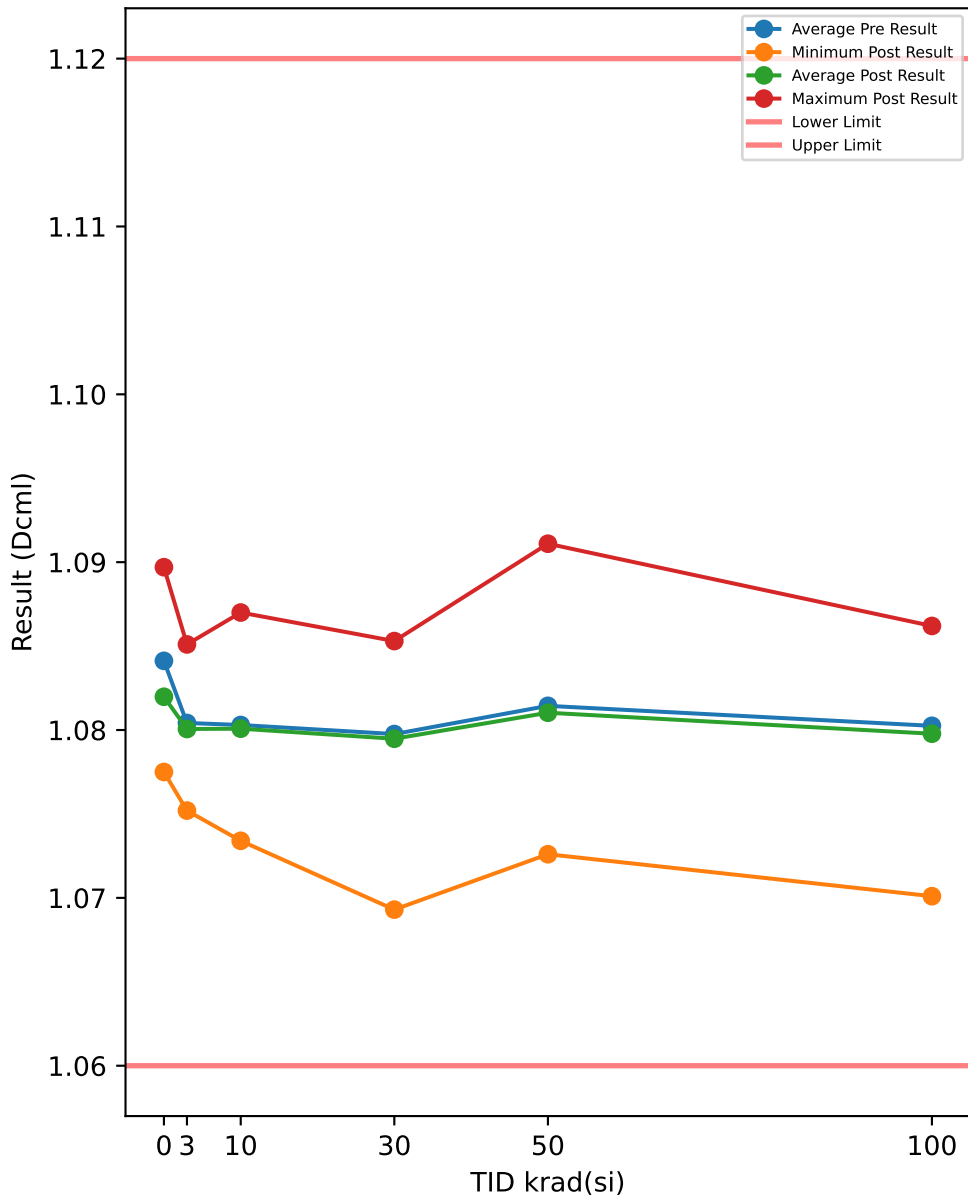
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9477	0.95186	0.9568	0.0041004	0.9478	0.95232	0.9576	0.0047336	-0.0005	0.00046	0.0018	0.0008792
3	0.9434	0.94809	0.9534	0.0036125	0.9436	0.94816	0.9534	0.0031722	-0.0009	7e-05	0.0014	0.00070087
10	0.9434	0.94932	0.9561	0.0040425	0.944	0.94944	0.9561	0.00398	-0.0008	0.00012	0.0012	0.00059777
30	0.939	0.94797	0.9523	0.0048958	0.9397	0.94859	0.9534	0.0047414	-0.0011	0.00062	0.0016	0.00089294
50	0.945	0.9499	0.9566	0.0040609	0.9451	0.95085	0.9581	0.0043577	-0.0018	0.00095	0.004	0.001729
100	0.9437	0.94973	0.955	0.0030945	0.945	0.95103	0.9558	0.0031106	0	0.0013	0.0034	0.00089691

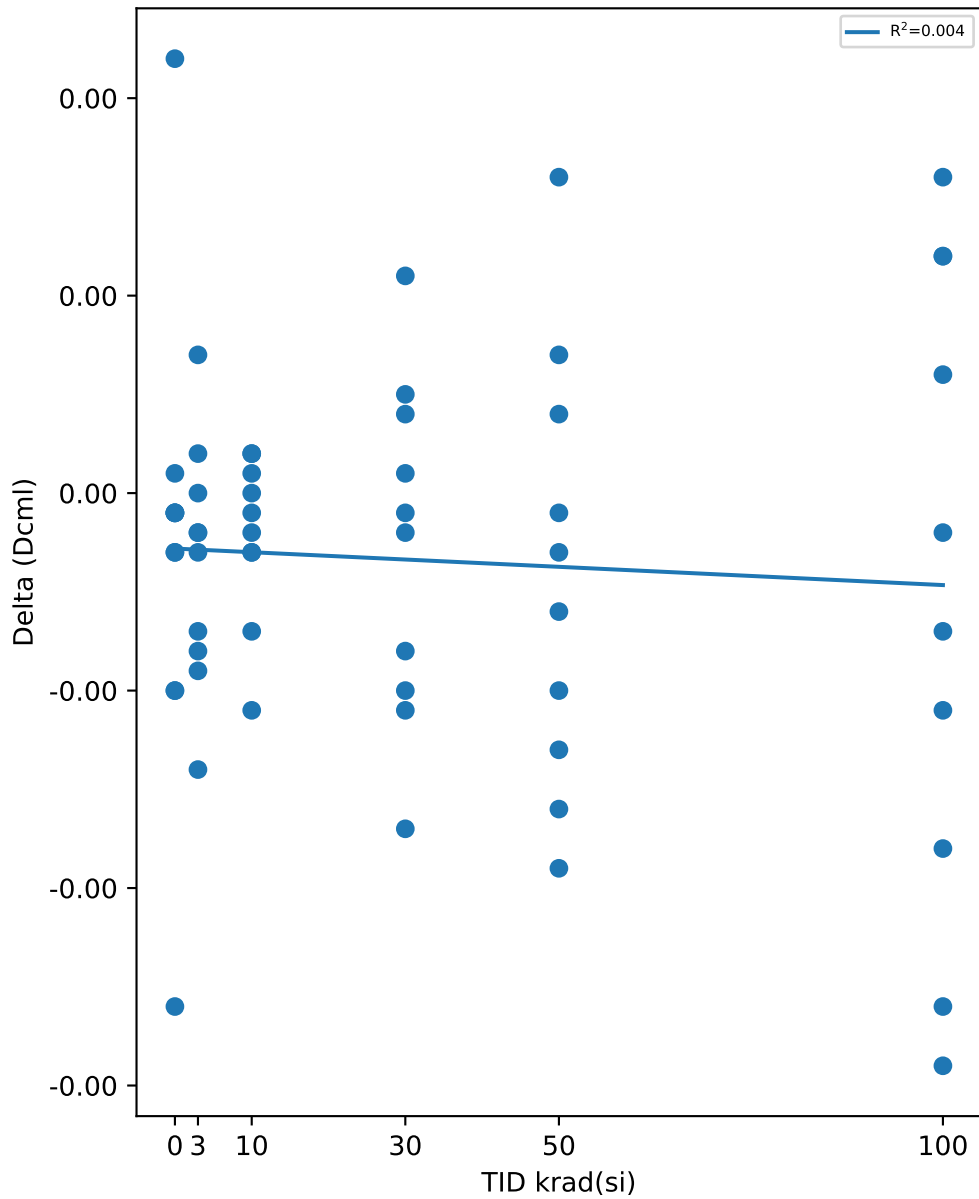
TID vs Result Stats



Test Results (Lower Limit = 1.06, Upper Limit = 1.12 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0902	1.0876	-0.0026
516	0	CORRELATION	1.0875	1.0897	0.0022
721	0	CORRELATION	1.0814	1.0815	0.0001
723	0	CORRELATION	1.0776	1.0775	-0.0001
729	0	CORRELATION	1.0839	1.0829	-0.001
1000	3	Unbiased	1.081	1.0808	-0.0002
1001	3	Unbiased	1.0839	1.0832	-0.0007
1002	3	Unbiased	1.0851	1.0851	0
1003	3	Unbiased	1.0787	1.0779	-0.0008
1004	3	Unbiased	1.0785	1.0792	0.0007
1005	3	Biased	1.0774	1.0772	-0.0002
1006	3	Biased	1.0755	1.0752	-0.0003
1007	3	Biased	1.0828	1.0819	-0.0009
1008	3	Biased	1.0857	1.0843	-0.0014
1009	3	Biased	1.0756	1.0758	0.0002
1010	10	Unbiased	1.0772	1.0773	0.0001
1011	10	Unbiased	1.0734	1.0734	0
1012	10	Unbiased	1.0774	1.0773	-0.0001
1013	10	Unbiased	1.085	1.0847	-0.0003
1014	10	Unbiased	1.0811	1.0804	-0.0007
1015	10	Biased	1.0802	1.0804	0.0002
1016	10	Biased	1.0765	1.0754	-0.0011
1017	10	Biased	1.0793	1.0791	-0.0002
1018	10	Biased	1.0861	1.0858	-0.0003
1019	10	Biased	1.0868	1.087	0.0002
1020	30	Unbiased	1.0764	1.0756	-0.0008
1021	30	Unbiased	1.0802	1.0806	0.0004
1022	30	Unbiased	1.0844	1.0827	-0.0017
1023	30	Unbiased	1.0818	1.0816	-0.0002
1024	30	Unbiased	1.0842	1.0853	0.0011
1025	30	Biased	1.0849	1.0839	-0.001
1026	30	Biased	1.0809	1.0798	-0.0011
1027	30	Biased	1.0692	1.0693	0.0001
1028	30	Biased	1.0829	1.0834	0.0005
1029	30	Biased	1.0727	1.0726	-0.0001
1030	50	Unbiased	1.0775	1.0762	-0.0013
1031	50	Unbiased	1.0857	1.0851	-0.0006
1032	50	Unbiased	1.078	1.077	-0.001
1033	50	Unbiased	1.0774	1.0781	0.0007
1034	50	Unbiased	1.0802	1.0806	0.0004
1035	50	Biased-84Hr-Anneal	1.0835	1.0819	-0.0016
1036	50	Biased-84Hr-Anneal	1.0798	1.0797	-0.0001
1037	50	Biased-84Hr-Anneal	1.0729	1.0726	-0.0003
1038	50	Biased-84Hr-Anneal	1.0899	1.088	-0.0019
1039	50	Biased-84Hr-Anneal	1.0895	1.0911	0.0016
1040	100	Unbiased-168Hr-Anneal	1.0806	1.0822	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0807	1.08	-0.0007
1042	100	Unbiased-168Hr-Anneal	1.0789	1.0801	0.0012
1043	100	Unbiased-168Hr-Anneal	1.0805	1.0803	-0.0002
1044	100	Unbiased-168Hr-Anneal	1.085	1.0862	0.0012
1045	100	Biased-168Hr-Anneal	1.0811	1.0817	0.0006
1046	100	Biased-168Hr-Anneal	1.0782	1.0771	-0.0011
1047	100	Biased-168Hr-Anneal	1.0727	1.0701	-0.0026
1048	100	Biased-168Hr-Anneal	1.0857	1.0839	-0.0018
1049	100	Biased-168Hr-Anneal	1.0791	1.0762	-0.0029

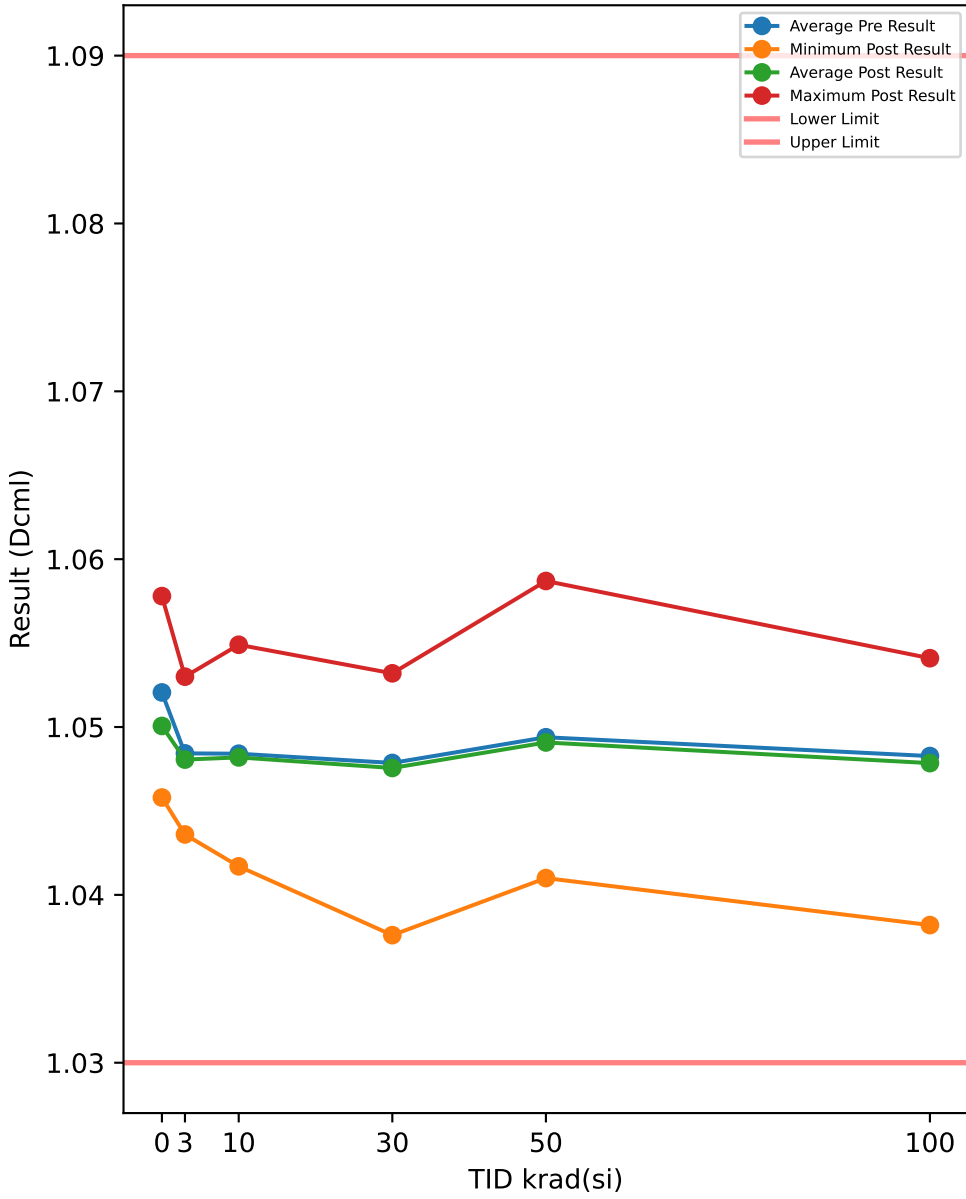
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0776	1.0841	1.0902	0.0049585	1.0775	1.0838	1.0897	0.0048742	-0.0026	-0.00028	0.0022	0.0017484
3	1.0755	1.0804	1.0857	0.0038166	1.0752	1.0801	1.0851	0.0035359	-0.0014	-0.00036	0.0007	0.0006059
10	1.0734	1.0803	1.0868	0.0044684	1.0734	1.0801	1.087	0.004535	-0.0011	-0.00022	0.0002	0.00041312
30	1.0692	1.0798	1.0849	0.0053315	1.0693	1.0795	1.0853	0.0052812	-0.0017	-0.00028	0.0011	0.00085868
50	1.0729	1.0814	1.0899	0.0055754	1.0726	1.081	1.0911	0.0056616	-0.0019	-0.00041	0.0016	0.0010979
100	1.0727	1.0802	1.0857	0.0036167	1.0701	1.0798	1.0862	0.0044951	-0.0029	-0.00047	0.0016	0.0016242

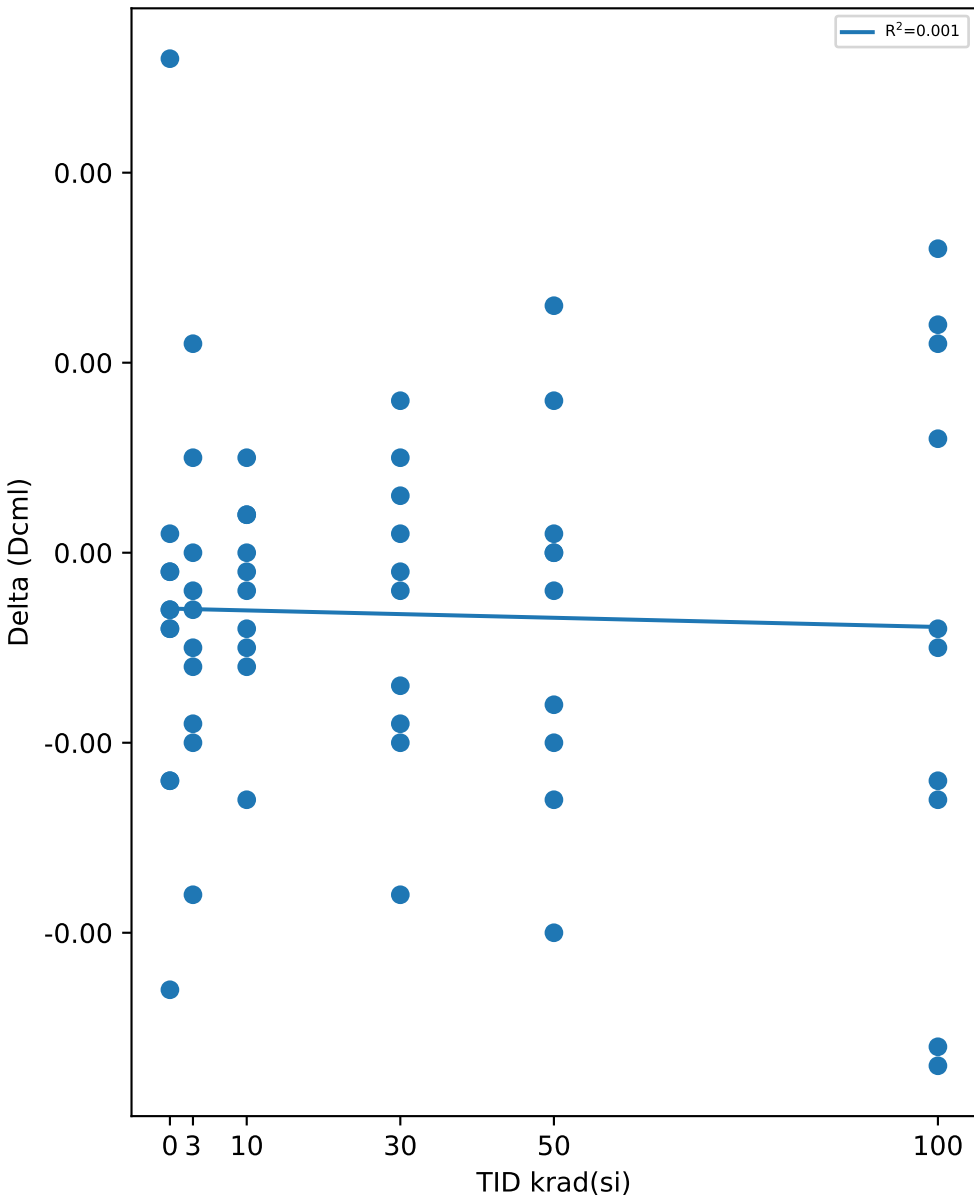
TID vs Result Stats



Test Results (Lower Limit = 1.03, Upper Limit = 1.09 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0578	1.0555	-0.0023
516	0	CORRELATION	1.0552	1.0578	0.0026
721	0	CORRELATION	1.0493	1.0494	0.0001
723	0	CORRELATION	1.0462	1.0458	-0.0004
729	0	CORRELATION	1.0518	1.0506	-0.0012
1000	3	Unbiased	1.0491	1.0485	-0.0006
1001	3	Unbiased	1.0516	1.0511	-0.0005
1002	3	Unbiased	1.053	1.053	0
1003	3	Unbiased	1.047	1.046	-0.001
1004	3	Unbiased	1.0462	1.0473	0.0011
1005	3	Biased	1.0457	1.0455	-0.0002
1006	3	Biased	1.0439	1.0436	-0.0003
1007	3	Biased	1.0511	1.0502	-0.0009
1008	3	Biased	1.0533	1.0515	-0.0018
1009	3	Biased	1.0434	1.0439	0.0005
1010	10	Unbiased	1.0452	1.0457	0.0005
1011	10	Unbiased	1.0417	1.0417	0
1012	10	Unbiased	1.0451	1.045	-0.0001
1013	10	Unbiased	1.0533	1.0528	-0.0005
1014	10	Unbiased	1.0489	1.0487	-0.0002
1015	10	Biased	1.0485	1.0487	0.0002
1016	10	Biased	1.0445	1.0432	-0.0013
1017	10	Biased	1.0481	1.0475	-0.0006
1018	10	Biased	1.0541	1.0537	-0.0004
1019	10	Biased	1.0547	1.0549	0.0002
1020	30	Unbiased	1.0445	1.0435	-0.001
1021	30	Unbiased	1.0483	1.0486	0.0003
1022	30	Unbiased	1.0525	1.0507	-0.0018
1023	30	Unbiased	1.0497	1.0495	-0.0002
1024	30	Unbiased	1.0524	1.0532	0.0008
1025	30	Biased	1.0527	1.0518	-0.0009
1026	30	Biased	1.0486	1.0479	-0.0007
1027	30	Biased	1.0375	1.0376	0.0001
1028	30	Biased	1.0512	1.0517	0.0005
1029	30	Biased	1.0412	1.0411	-0.0001
1030	50	Unbiased	1.0454	1.0446	-0.0008
1031	50	Unbiased	1.0534	1.0532	-0.0002
1032	50	Unbiased	1.0463	1.0453	-0.001
1033	50	Unbiased	1.0455	1.0463	0.0008
1034	50	Unbiased	1.0486	1.0487	0.0001
1035	50	Biased-84Hr-Anneal	1.0511	1.0498	-0.0013
1036	50	Biased-84Hr-Anneal	1.0477	1.0477	0
1037	50	Biased-84Hr-Anneal	1.041	1.041	0
1038	50	Biased-84Hr-Anneal	1.0575	1.0555	-0.002
1039	50	Biased-84Hr-Anneal	1.0574	1.0587	0.0013
1040	100	Unbiased-168Hr-Anneal	1.0485	1.0501	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0486	1.0481	-0.0005
1042	100	Unbiased-168Hr-Anneal	1.0468	1.0479	0.0011
1043	100	Unbiased-168Hr-Anneal	1.049	1.0486	-0.0004
1044	100	Unbiased-168Hr-Anneal	1.0529	1.0541	0.0012
1045	100	Biased-168Hr-Anneal	1.0494	1.05	0.0006
1046	100	Biased-168Hr-Anneal	1.0463	1.045	-0.0013
1047	100	Biased-168Hr-Anneal	1.0408	1.0382	-0.0026
1048	100	Biased-168Hr-Anneal	1.0533	1.0521	-0.0012
1049	100	Biased-168Hr-Anneal	1.0471	1.0444	-0.0027

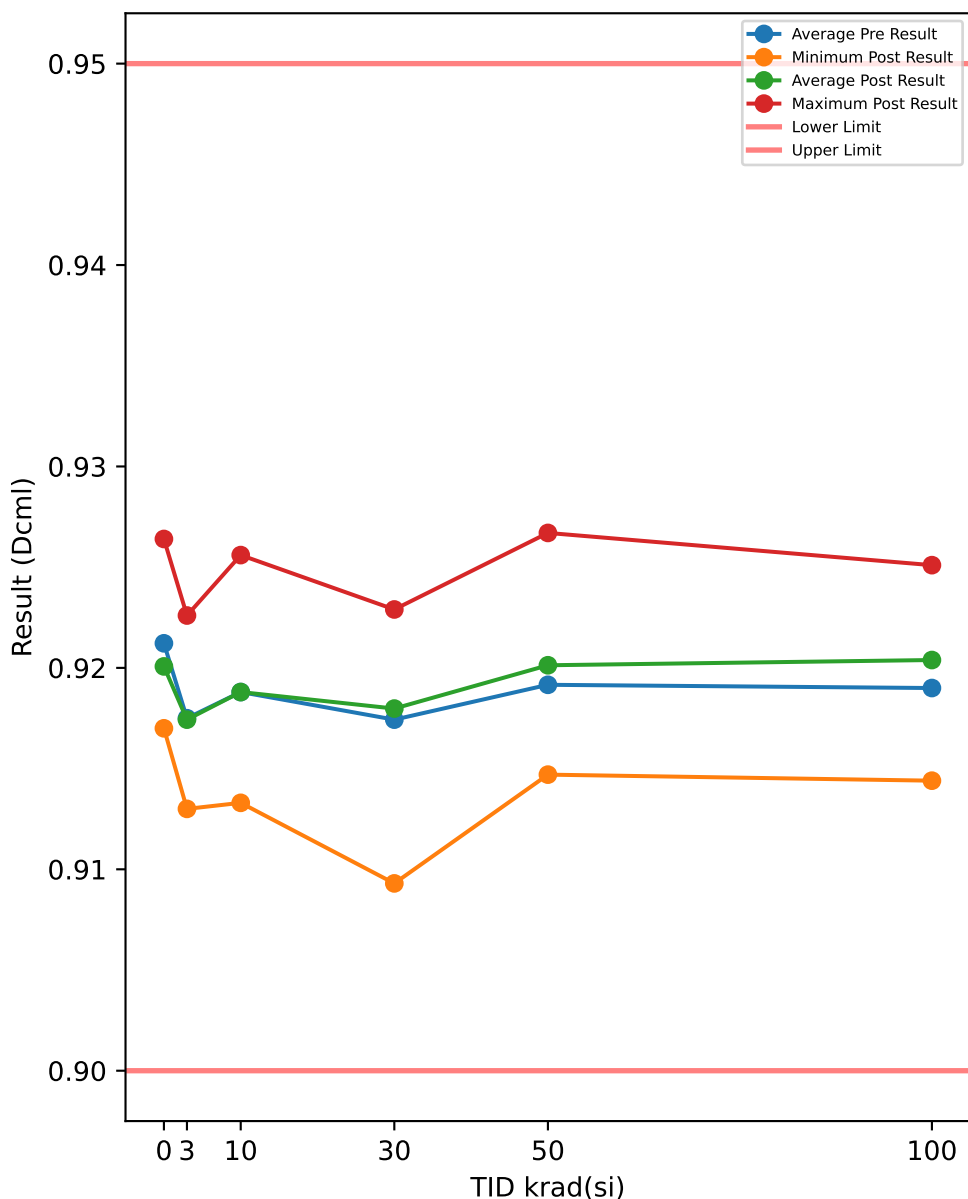
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0462	1.0521	1.0578	0.0046052	1.0458	1.0518	1.0578	0.0048189	-0.0023	-0.00024	0.0026	0.0018284
3	1.0434	1.0484	1.0533	0.0036896	1.0436	1.0481	1.053	0.0033137	-0.0018	-0.00037	0.0011	0.00080836
10	1.0417	1.0484	1.0547	0.0044443	1.0417	1.0482	1.0549	0.0044849	-0.0013	-0.00022	0.0005	0.00051164
30	1.0375	1.0479	1.0527	0.005205	1.0376	1.0476	1.0532	0.005155	-0.0018	-0.0003	0.0008	0.00079443
50	1.041	1.0494	1.0575	0.00541	1.041	1.0491	1.0587	0.0053818	-0.002	-0.00031	0.0013	0.00098596
100	1.0408	1.0483	1.0533	0.0035264	1.0382	1.0478	1.0541	0.0044794	-0.0027	-0.00042	0.0016	0.0015419

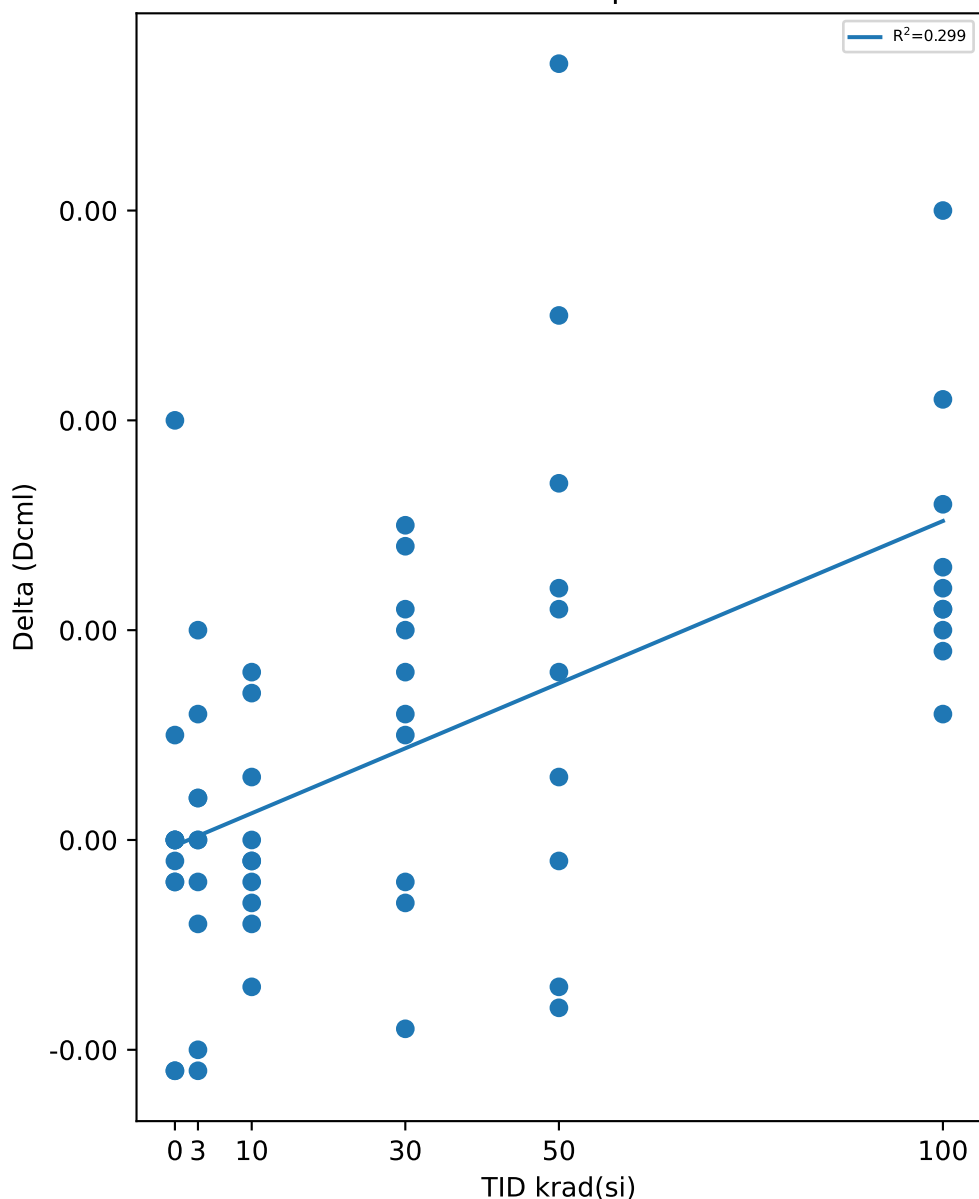
TID vs Result Stats



Test Results (Lower Limit = 0.9, Upper Limit = 0.95 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9259	0.9264	0.0005
516	0	CORRELATION	0.9243	0.9263	0.002
721	0	CORRELATION	0.9176	0.9175	-0.0001
723	0	CORRELATION	0.9172	0.917	-0.0002
729	0	CORRELATION	0.9211	0.92	-0.0011
1000	3	Unbiased	0.9178	0.918	0.0002
1001	3	Unbiased	0.9194	0.9194	0
1002	3	Unbiased	0.9224	0.9226	0.0002
1003	3	Unbiased	0.9161	0.9159	-0.0002
1004	3	Unbiased	0.9136	0.9146	0.001
1005	3	Biased	0.9162	0.9158	-0.0004
1006	3	Biased	0.913	0.913	0
1007	3	Biased	0.9208	0.9197	-0.0011
1008	3	Biased	0.9217	0.9207	-0.001
1009	3	Biased	0.914	0.9146	0.0006
1010	10	Unbiased	0.9156	0.9163	0.0007
1011	10	Unbiased	0.9134	0.9133	-0.0001
1012	10	Unbiased	0.9173	0.9169	-0.0004
1013	10	Unbiased	0.9216	0.9214	-0.0002
1014	10	Unbiased	0.9206	0.9205	-0.0001
1015	10	Biased	0.9186	0.9194	0.0008
1016	10	Biased	0.9148	0.9141	-0.0007
1017	10	Biased	0.9177	0.9174	-0.0003
1018	10	Biased	0.9253	0.9256	0.0003
1019	10	Biased	0.9231	0.9231	0
1020	30	Unbiased	0.9145	0.9142	-0.0003
1021	30	Unbiased	0.9158	0.9169	0.0011
1022	30	Unbiased	0.9215	0.9206	-0.0009
1023	30	Unbiased	0.9198	0.9204	0.0006
1024	30	Unbiased	0.9214	0.9229	0.0015
1025	30	Biased	0.9209	0.9214	0.0005
1026	30	Biased	0.9197	0.9195	-0.0002
1027	30	Biased	0.9109	0.9123	0.0014
1028	30	Biased	0.9213	0.9223	0.001
1029	30	Biased	0.9085	0.9093	0.0008
1030	50	Unbiased	0.9175	0.9183	0.0008
1031	50	Unbiased	0.9217	0.9242	0.0025
1032	50	Unbiased	0.9148	0.9147	-0.0001
1033	50	Unbiased	0.9158	0.9175	0.0017
1034	50	Unbiased	0.9172	0.9175	0.0003
1035	50	Biased-84Hr-Anneal	0.9221	0.9214	-0.0007
1036	50	Biased-84Hr-Anneal	0.9194	0.9205	0.0011
1037	50	Biased-84Hr-Anneal	0.9144	0.9156	0.0012
1038	50	Biased-84Hr-Anneal	0.9257	0.9249	-0.0008
1039	50	Biased-84Hr-Anneal	0.923	0.9267	0.0037
1040	100	Unbiased-168Hr-Anneal	0.9189	0.9202	0.0013
1041	100	Unbiased-168Hr-Anneal	0.9176	0.9187	0.0011
1042	100	Unbiased-168Hr-Anneal	0.9187	0.9217	0.003
1043	100	Unbiased-168Hr-Anneal	0.9196	0.9205	0.0009
1044	100	Unbiased-168Hr-Anneal	0.9223	0.9244	0.0021
1045	100	Biased-168Hr-Anneal	0.919	0.9206	0.0016
1046	100	Biased-168Hr-Anneal	0.9195	0.9201	0.0006
1047	100	Biased-168Hr-Anneal	0.9132	0.9144	0.0012
1048	100	Biased-168Hr-Anneal	0.9241	0.9251	0.001
1049	100	Biased-168Hr-Anneal	0.9171	0.9182	0.0011

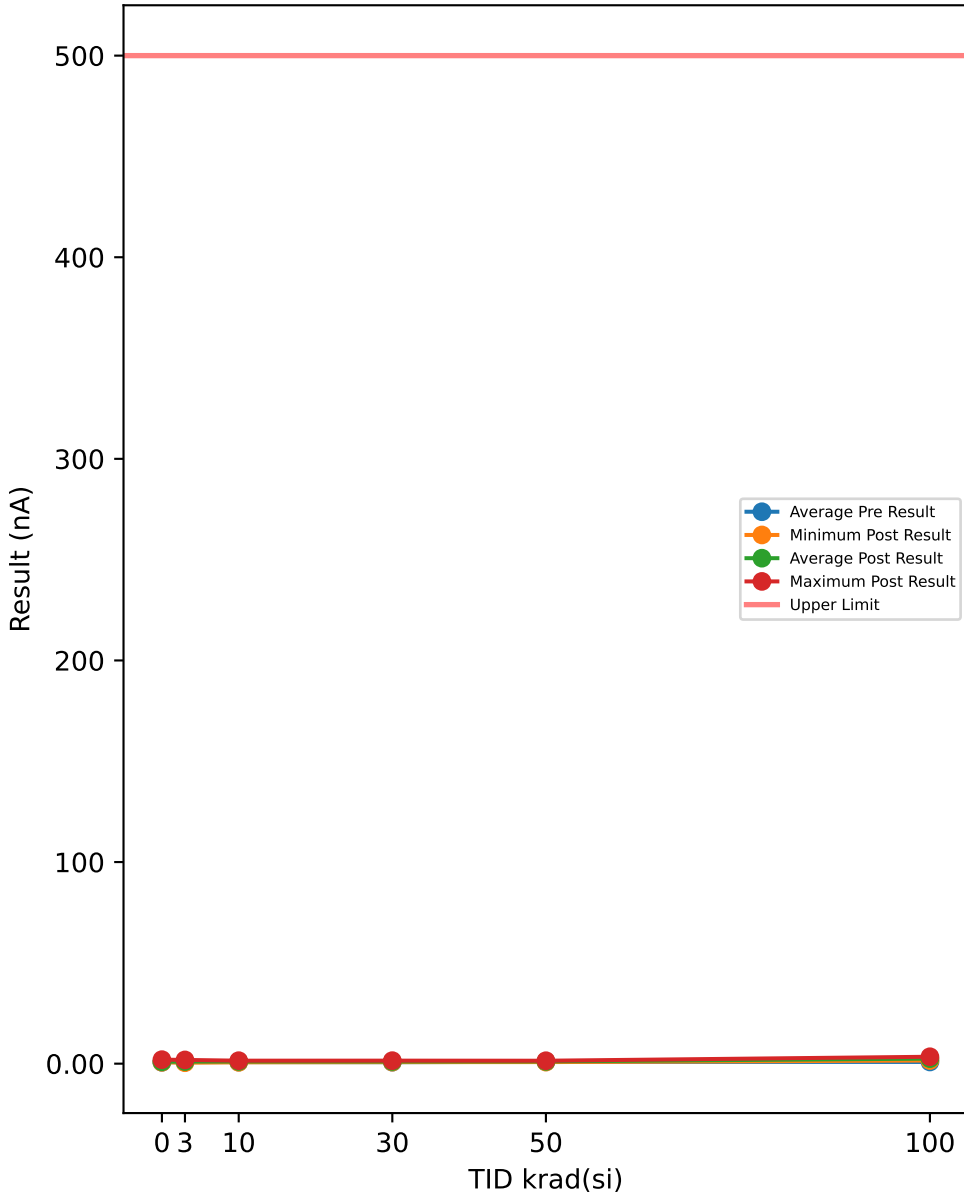
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9172	0.92122	0.9259	0.0038945	0.917	0.92144	0.9264	0.0046242	-0.0011	0.00022	0.002	0.0011476
3	0.913	0.9175	0.9224	0.0034577	0.913	0.91743	0.9226	0.0031166	-0.0011	-7e-05	0.001	0.00064987
10	0.9134	0.9188	0.9253	0.0038111	0.9133	0.9188	0.9256	0.0039285	-0.0007	2.2204e-17	0.0008	0.00047376
30	0.9085	0.91743	0.9215	0.0047579	0.9093	0.91798	0.9229	0.0046267	-0.0009	0.00055	0.0015	0.00078775
50	0.9144	0.91916	0.9257	0.003833	0.9147	0.92013	0.9267	0.0041018	-0.0008	0.00097	0.0037	0.0014119
100	0.9132	0.919	0.9241	0.0029216	0.9144	0.92039	0.9251	0.0030494	0.0006	0.00139	0.003	0.00069674

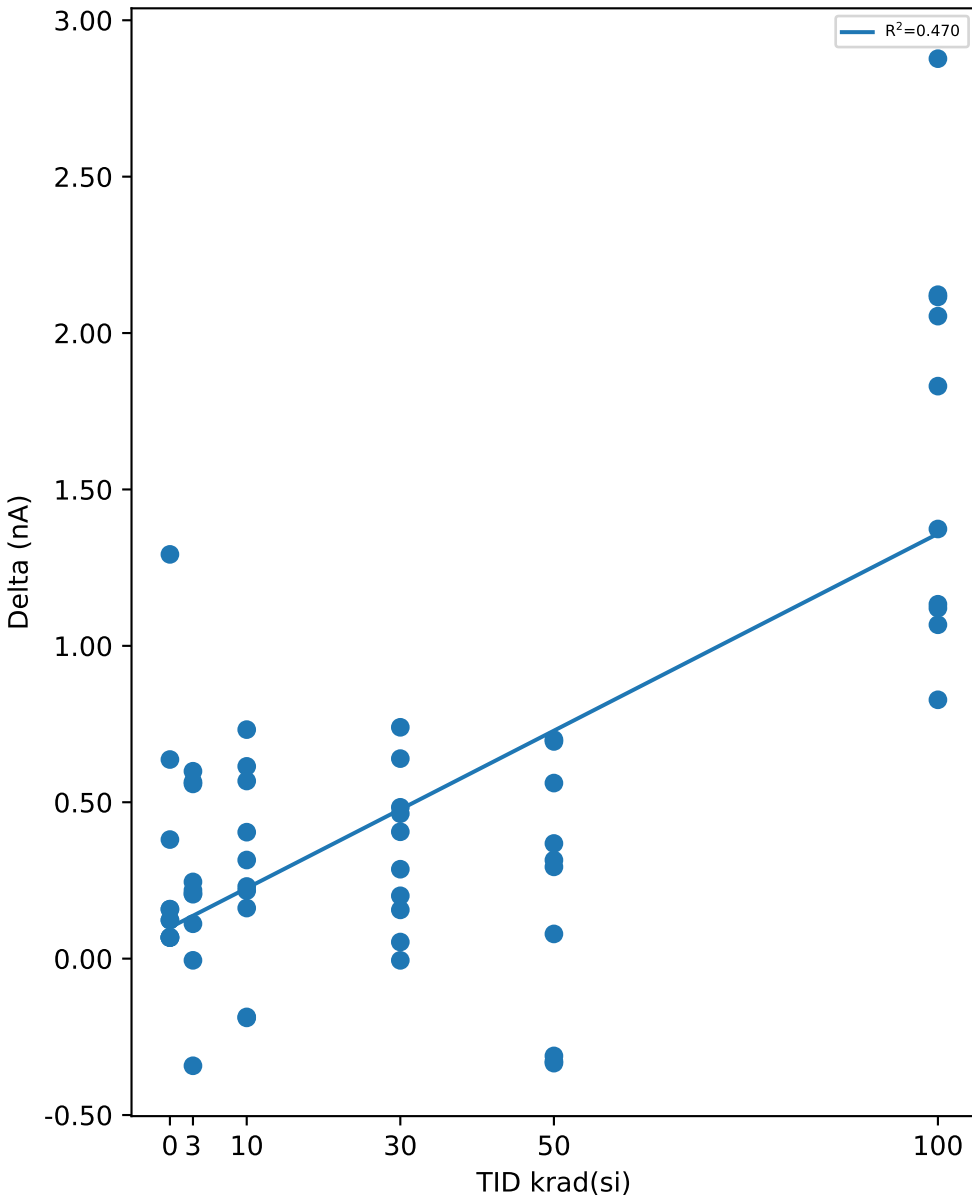
TID vs Result Stats



Test Results (Upper Limit = 500.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6972	1.9896	1.2924
516	0	CORRELATION	0.613	0.9937	0.3807
721	0	CORRELATION	0.8002	1.4368	0.6366
723	0	CORRELATION	0.6892	0.8473	0.1581
729	0	CORRELATION	0.6114	0.6794	0.068
1000	3	Unbiased	0.769	1.3681	0.5991
1001	3	Unbiased	0.6145	0.8598	0.2453
1002	3	Unbiased	0.5629	0.7689	0.206
1003	3	Unbiased	0.6661	0.6607	-0.0054
1004	3	Unbiased	0.7253	0.9441	0.2188
1005	3	Biased	0.6799	0.8879	0.208
1006	3	Biased	1.2965	1.8551	0.5586
1007	3	Biased	0.9039	1.0154	0.1115
1008	3	Biased	0.8097	0.4672	-0.3425
1009	3	Biased	1.0062	1.571	0.5648
1010	10	Unbiased	0.8909	1.2062	0.3153
1011	10	Unbiased	1.2064	1.3681	0.1617
1012	10	Unbiased	0.8501	0.6638	-0.1863
1013	10	Unbiased	0.7065	1.3212	0.6147
1014	10	Unbiased	0.5897	0.994	0.4043
1015	10	Biased	0.6892	0.9066	0.2174
1016	10	Biased	0.847	0.6576	-0.1894
1017	10	Biased	0.7514	1.4836	0.7322
1018	10	Biased	0.6661	0.8968	0.2307
1019	10	Biased	0.6847	1.2526	0.5679
1020	30	Unbiased	0.8252	1.2308	0.4056
1021	30	Unbiased	0.7596	1.4992	0.7396
1022	30	Unbiased	0.766	0.7605	-0.0055
1023	30	Unbiased	0.5879	0.7888	0.2009
1024	30	Unbiased	0.7203	1.0062	0.2859
1025	30	Biased	0.8347	1.4742	0.6395
1026	30	Biased	0.7096	1.1934	0.4838
1027	30	Biased	0.5212	0.9847	0.4635
1028	30	Biased	0.791	0.9469	0.1559
1029	30	Biased	0.7908	0.8439	0.0531
1030	50	Unbiased	0.7879	1.1561	0.3682
1031	50	Unbiased	0.7159	1.0093	0.2934
1032	50	Unbiased	0.7159	1.2772	0.5613
1033	50	Unbiased	0.599	1.2934	0.6944
1034	50	Unbiased	1.1439	1.4589	0.315
1035	50	Biased-84Hr-Anneal	1.1104	0.7763	-0.3341
1036	50	Biased-84Hr-Anneal	0.8273	0.9063	0.079
1037	50	Biased-84Hr-Anneal	1.2633	0.935	-0.3283
1038	50	Biased-84Hr-Anneal	0.7586	1.4589	0.7003
1039	50	Biased-84Hr-Anneal	1.2641	0.9531	-0.311
1040	100	Unbiased-168Hr-Anneal	0.7128	1.8335	1.1207
1041	100	Unbiased-168Hr-Anneal	0.9284	1.9958	1.0674
1042	100	Unbiased-168Hr-Anneal	0.8628	1.9958	1.133
1043	100	Unbiased-168Hr-Anneal	0.7234	1.5509	0.8275
1044	100	Unbiased-168Hr-Anneal	0.5629	1.9365	1.3736
1045	100	Biased-168Hr-Anneal	0.5496	3.4268	2.8772
1046	100	Biased-168Hr-Anneal	1.2357	3.3583	2.1226
1047	100	Biased-168Hr-Anneal	0.378	2.4935	2.1155
1048	100	Biased-168Hr-Anneal	1.2138	3.0441	1.8303
1049	100	Biased-168Hr-Anneal	1.2482	3.3023	2.0541

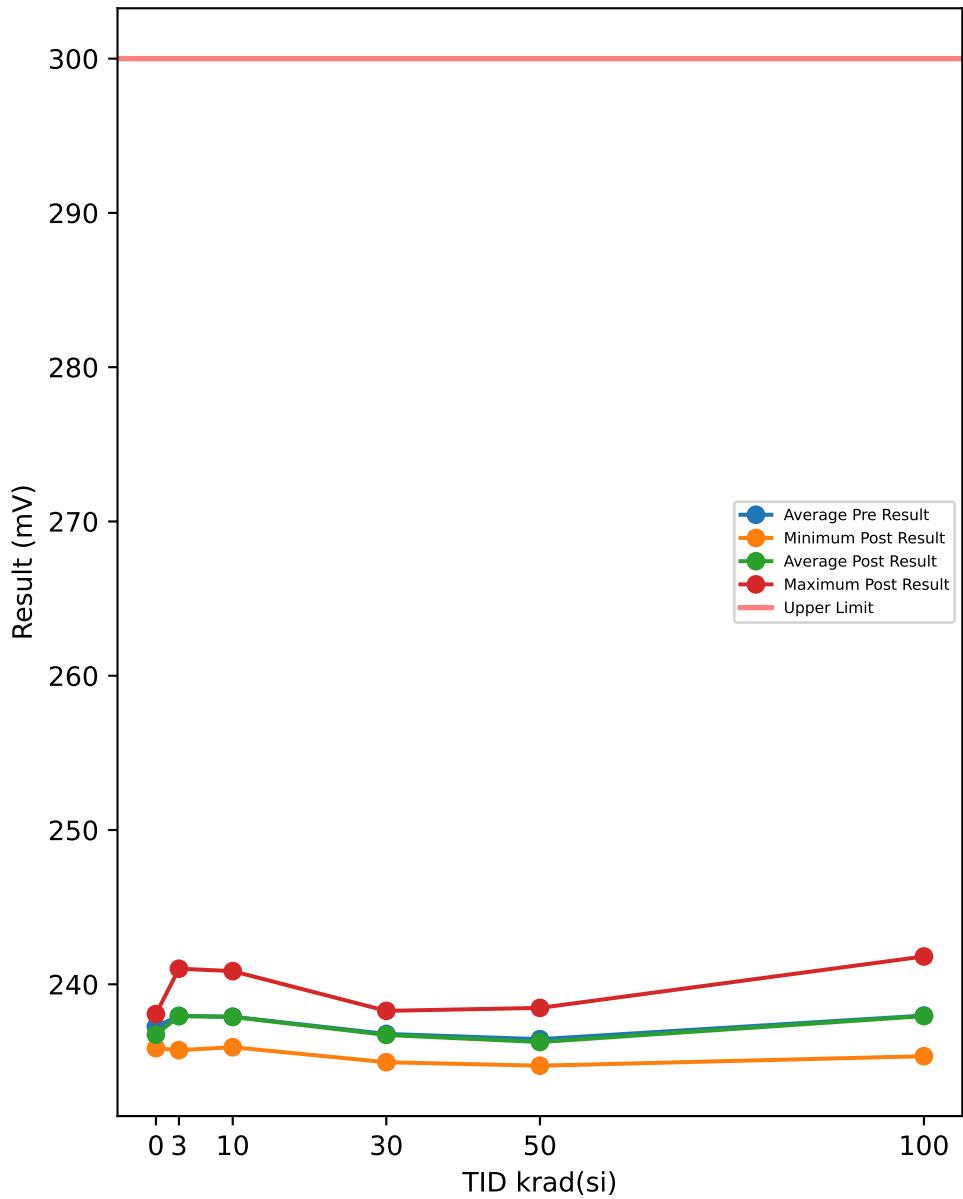
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6114	0.6822	0.8002	0.077459	0.6794	1.1894	1.9896	0.52843	0.068	0.50716	1.2924	0.49093
3	0.5629	0.8034	1.2965	0.21841	0.4672	1.0398	1.8551	0.4301	-0.3425	0.23642	0.5991	0.28954
10	0.5897	0.7882	1.2064	0.17499	0.6576	1.075	1.4836	0.29292	-0.1894	0.28685	0.7322	0.31158
30	0.5212	0.73063	0.8347	0.10215	0.7605	1.0729	1.4992	0.26689	-0.0055	0.34223	0.7396	0.24663
50	0.599	0.91863	1.2641	0.24968	0.7763	1.1225	1.4589	0.24126	-0.3341	0.20382	0.7003	0.41035
100	0.378	0.84156	1.2482	0.31191	1.5509	2.4937	3.4268	0.72311	0.8275	1.6522	2.8772	0.64821

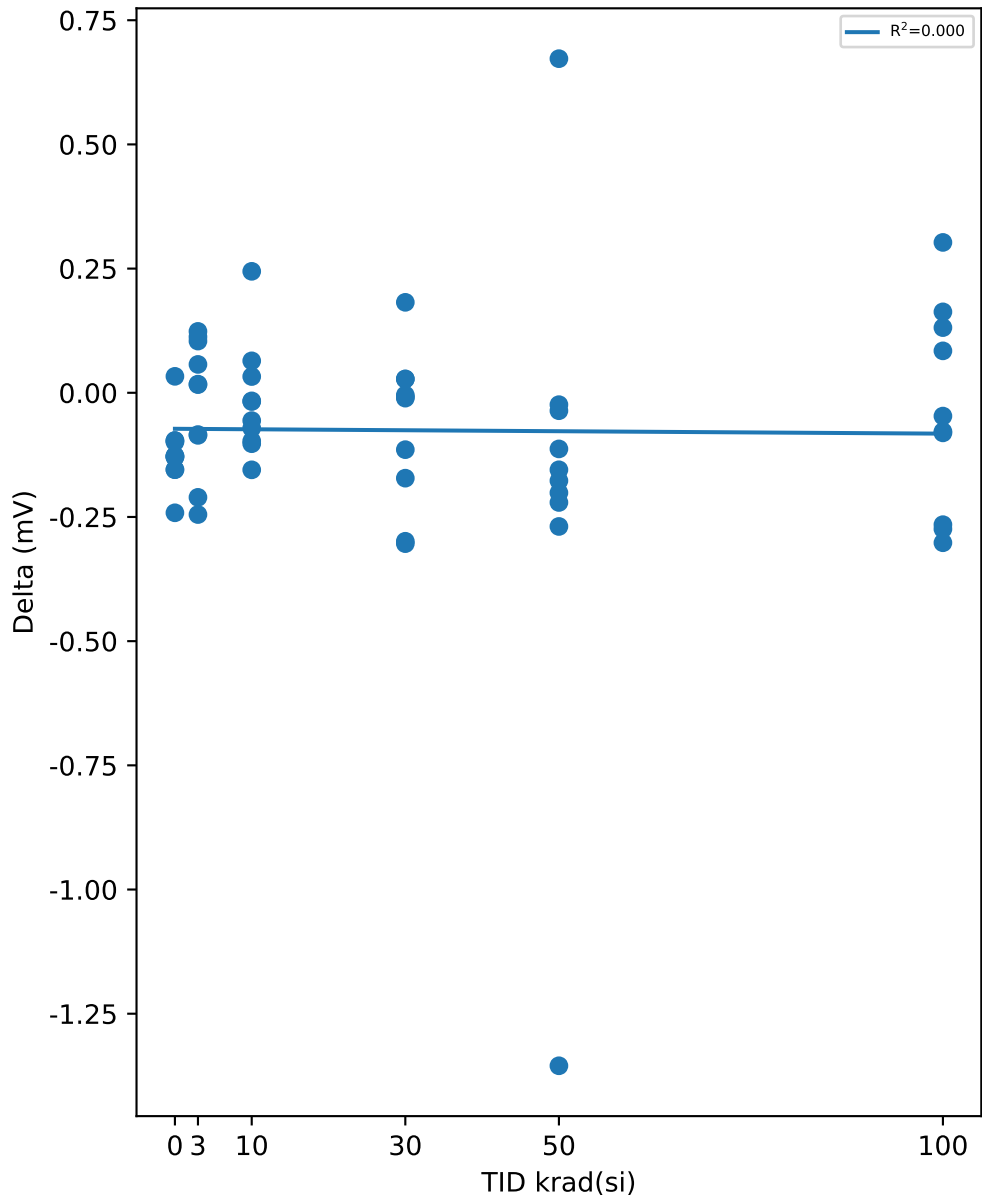
TID vs Result Stats



Test Results (Upper Limit = 300.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	238.31	238.07	-0.2416
516	0	CORRELATION	237.36	237.39	0.0331
721	0	CORRELATION	237.6	237.5	-0.0991
723	0	CORRELATION	236.01	235.86	-0.1547
729	0	CORRELATION	237.01	236.88	-0.1293
1000	3	Unbiased	237.31	237.37	0.0571
1001	3	Unbiased	240.89	241.01	0.1236
1002	3	Unbiased	239.05	238.8	-0.2451
1003	3	Unbiased	239.44	239.23	-0.2105
1004	3	Unbiased	237.18	237.3	0.1126
1005	3	Biased	237.08	237.09	0.0165
1006	3	Biased	236.66	236.76	0.1041
1007	3	Biased	236.37	236.29	-0.0841
1008	3	Biased	239.86	239.77	-0.0857
1009	3	Biased	235.71	235.73	0.0174
1010	10	Unbiased	240.95	240.85	-0.0971
1011	10	Unbiased	240.51	240.44	-0.0711
1012	10	Unbiased	237.85	237.84	-0.0176
1013	10	Unbiased	236.58	236.83	0.2445
1014	10	Unbiased	235.89	235.92	0.0327
1015	10	Biased	236.83	236.67	-0.1551
1016	10	Biased	237.64	237.59	-0.056
1017	10	Biased	237.11	237.09	-0.0163
1018	10	Biased	239.01	238.91	-0.1025
1019	10	Biased	236.62	236.68	0.0643
1020	30	Unbiased	238.06	238.08	0.0277
1021	30	Unbiased	236.86	237.04	0.1821
1022	30	Unbiased	236.33	236.03	-0.3037
1023	30	Unbiased	238.28	238.28	-0.0045
1024	30	Unbiased	235.75	235.45	-0.2989
1025	30	Biased	237.67	237.7	0.0278
1026	30	Biased	236.77	236.76	-0.0108
1027	30	Biased	235.73	235.56	-0.1719
1028	30	Biased	235.06	234.95	-0.1145
1029	30	Biased	237.32	237.31	-0.0084
1030	50	Unbiased	235.36	235.18	-0.177
1031	50	Unbiased	238.49	238.47	-0.0239
1032	50	Unbiased	234.8	234.76	-0.0361
1033	50	Unbiased	235.53	235.31	-0.2208
1034	50	Unbiased	234.92	234.72	-0.2013
1035	50	Biased-84Hr-Anneal	236.89	236.62	-0.2691
1036	50	Biased-84Hr-Anneal	237.23	237.07	-0.155
1037	50	Biased-84Hr-Anneal	236.44	236.33	-0.113
1038	50	Biased-84Hr-Anneal	236.85	237.53	0.6726
1039	50	Biased-84Hr-Anneal	237.92	236.56	-1.3548
1040	100	Unbiased-168Hr-Anneal	241.88	241.8	-0.078
1041	100	Unbiased-168Hr-Anneal	238.05	237.97	-0.0807
1042	100	Unbiased-168Hr-Anneal	235.64	235.34	-0.3019
1043	100	Unbiased-168Hr-Anneal	237.68	237.42	-0.2655
1044	100	Unbiased-168Hr-Anneal	236.96	236.91	-0.0469
1045	100	Biased-168Hr-Anneal	236.99	237.29	0.3027
1046	100	Biased-168Hr-Anneal	236.27	236.36	0.0844
1047	100	Biased-168Hr-Anneal	237.8	237.93	0.1312
1048	100	Biased-168Hr-Anneal	239.65	239.37	-0.2742
1049	100	Biased-168Hr-Anneal	238.82	238.98	0.1629

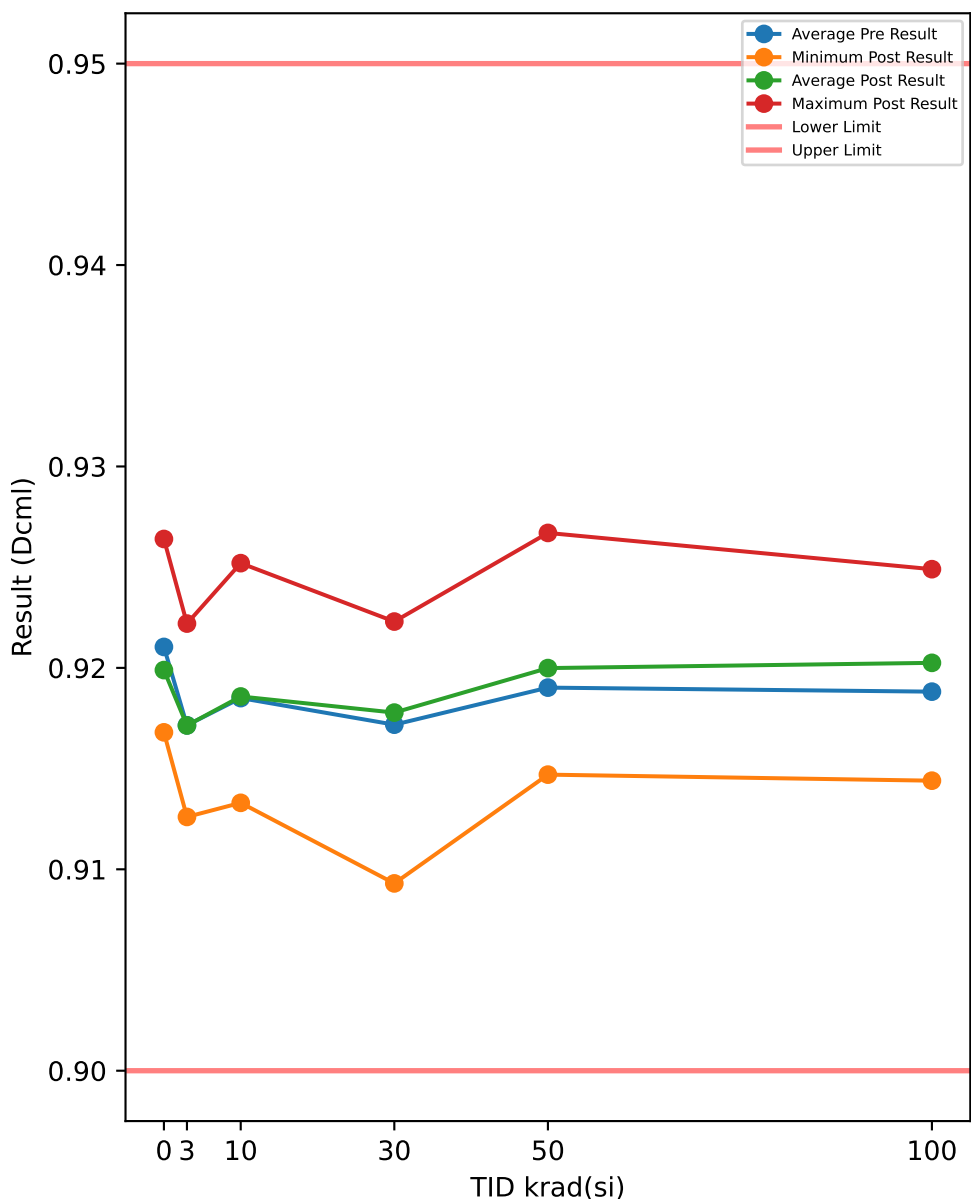
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	236.01	237.26	238.31	0.84382	235.86	237.14	238.07	0.83176	-0.2416	-0.11832	0.0331	0.099924
3	235.71	237.95	240.89	1.7188	235.73	237.94	241.01	1.6875	-0.2451	-0.01941	0.1236	0.13236
10	235.89	237.9	240.95	1.7211	235.92	237.88	240.85	1.6677	-0.1551	-0.01742	0.2445	0.11289
30	235.06	236.78	238.28	1.0696	234.95	236.72	238.28	1.1684	-0.3037	-0.06751	0.1821	0.15404
50	234.8	236.44	238.49	1.2644	234.72	236.26	238.47	1.2492	-1.3548	-0.18784	0.6726	0.49066
100	235.64	237.97	241.88	1.8024	235.34	237.94	241.8	1.7977	-0.3019	-0.0366	0.3027	0.20568

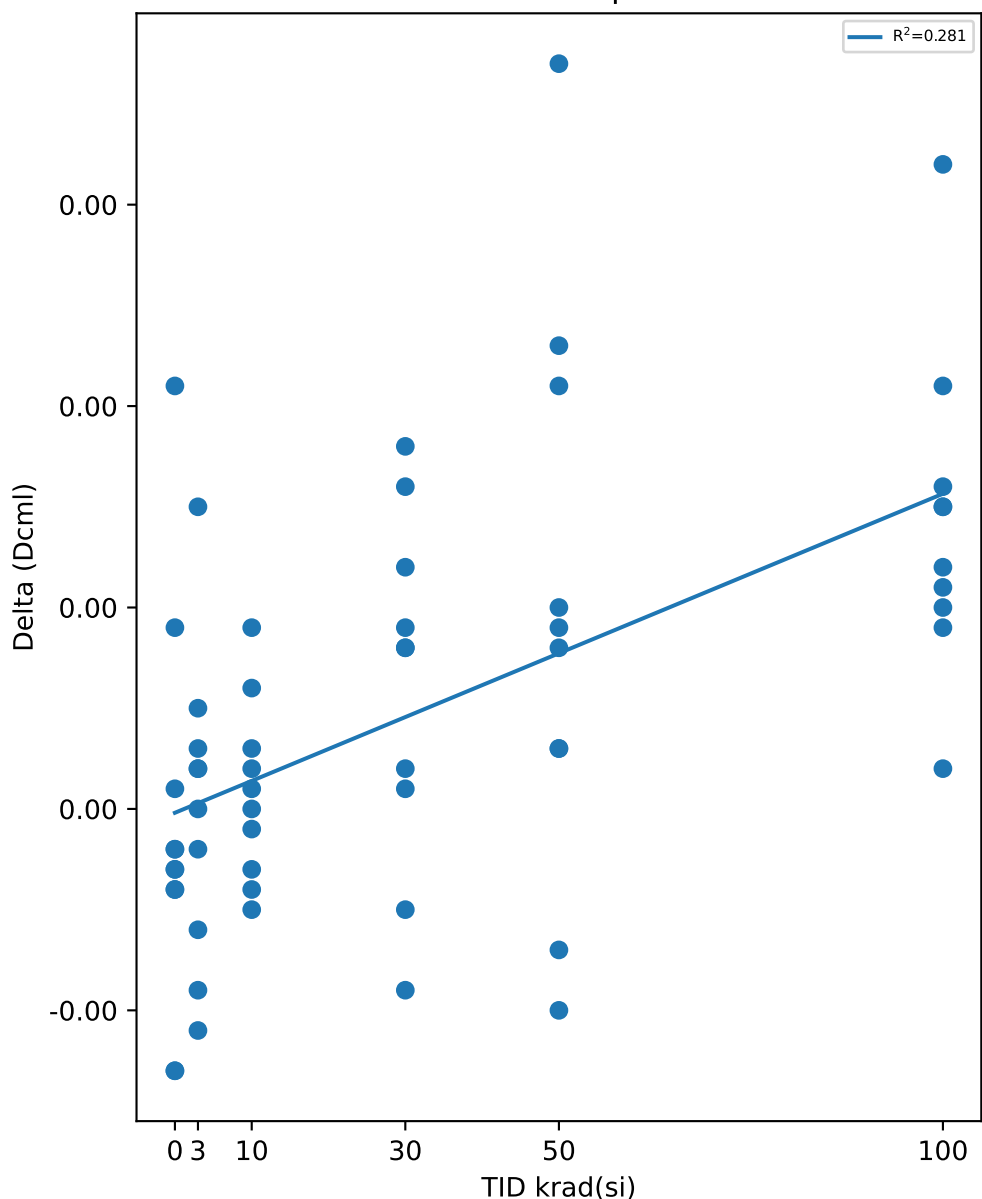
TID vs Result Stats



Test Results (Lower Limit = 0.9, Upper Limit = 0.95 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9255	0.9264	0.0009
516	0	CORRELATION	0.924	0.9261	0.0021
721	0	CORRELATION	0.9174	0.9175	0.0001
723	0	CORRELATION	0.9172	0.917	-0.0002
729	0	CORRELATION	0.9211	0.9198	-0.0013
1000	3	Unbiased	0.9174	0.9174	0
1001	3	Unbiased	0.9192	0.9194	0.0002
1002	3	Unbiased	0.9219	0.9222	0.0003
1003	3	Unbiased	0.9161	0.9155	-0.0006
1004	3	Unbiased	0.9131	0.9146	0.0015
1005	3	Biased	0.9156	0.9154	-0.0002
1006	3	Biased	0.9124	0.9126	0.0002
1007	3	Biased	0.9208	0.9197	-0.0011
1008	3	Biased	0.9212	0.9203	-0.0009
1009	3	Biased	0.9138	0.9143	0.0005
1010	10	Unbiased	0.9152	0.9161	0.0009
1011	10	Unbiased	0.913	0.9133	0.0003
1012	10	Unbiased	0.9169	0.9165	-0.0004
1013	10	Unbiased	0.9212	0.9212	0
1014	10	Unbiased	0.9204	0.9201	-0.0003
1015	10	Biased	0.9184	0.919	0.0006
1016	10	Biased	0.9144	0.9139	-0.0005
1017	10	Biased	0.9173	0.9174	0.0001
1018	10	Biased	0.9253	0.9252	-0.0001
1019	10	Biased	0.9229	0.9231	0.0002
1020	30	Unbiased	0.9143	0.9138	-0.0005
1021	30	Unbiased	0.9151	0.9167	0.0016
1022	30	Unbiased	0.9213	0.9204	-0.0009
1023	30	Unbiased	0.9196	0.9204	0.0008
1024	30	Unbiased	0.9214	0.9223	0.0009
1025	30	Biased	0.9209	0.921	0.0001
1026	30	Biased	0.9193	0.9195	0.0002
1027	30	Biased	0.9105	0.9123	0.0018
1028	30	Biased	0.9213	0.9221	0.0008
1029	30	Biased	0.9081	0.9093	0.0012
1030	50	Unbiased	0.9175	0.9183	0.0008
1031	50	Unbiased	0.9217	0.924	0.0023
1032	50	Unbiased	0.9144	0.9147	0.0003
1033	50	Unbiased	0.9154	0.9175	0.0021
1034	50	Unbiased	0.917	0.9173	0.0003
1035	50	Biased-84Hr-Anneal	0.9221	0.9214	-0.0007
1036	50	Biased-84Hr-Anneal	0.9194	0.9203	0.0009
1037	50	Biased-84Hr-Anneal	0.9142	0.9152	0.001
1038	50	Biased-84Hr-Anneal	0.9255	0.9245	-0.001
1039	50	Biased-84Hr-Anneal	0.923	0.9267	0.0037
1040	100	Unbiased-168Hr-Anneal	0.9187	0.9202	0.0015
1041	100	Unbiased-168Hr-Anneal	0.9172	0.9187	0.0015
1042	100	Unbiased-168Hr-Anneal	0.9185	0.9217	0.0032
1043	100	Unbiased-168Hr-Anneal	0.9196	0.9205	0.0009
1044	100	Unbiased-168Hr-Anneal	0.9221	0.9242	0.0021
1045	100	Biased-168Hr-Anneal	0.9188	0.9204	0.0016
1046	100	Biased-168Hr-Anneal	0.9193	0.9195	0.0002
1047	100	Biased-168Hr-Anneal	0.9132	0.9144	0.0012
1048	100	Biased-168Hr-Anneal	0.9239	0.9249	0.001
1049	100	Biased-168Hr-Anneal	0.9169	0.918	0.0011

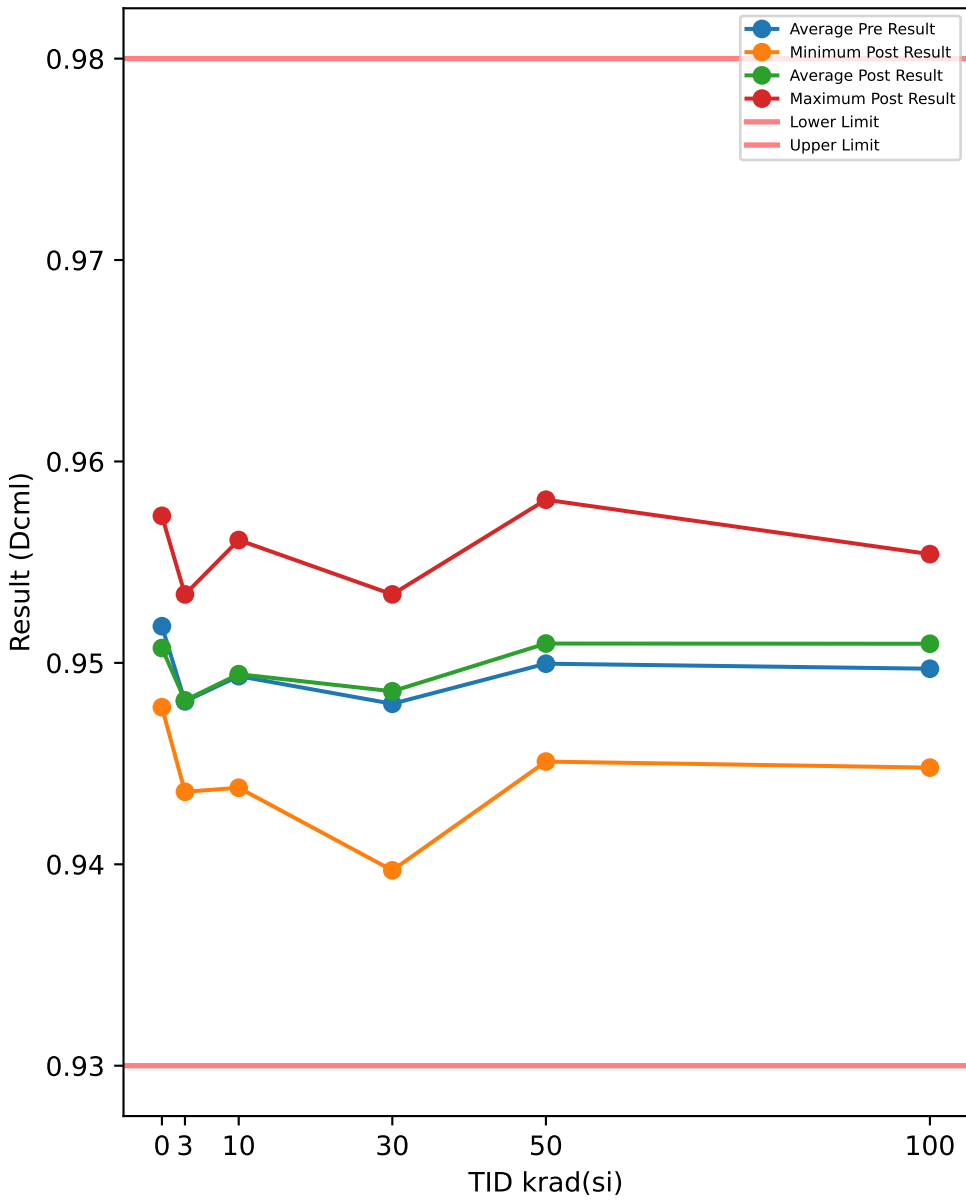
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9172	0.92104	0.9255	0.0037634	0.917	0.92136	0.9264	0.0045884	-0.0013	0.00032	0.0021	0.0012696
3	0.9124	0.91715	0.9219	0.0034999	0.9126	0.91714	0.9222	0.0031299	-0.0011	-1e-05	0.0015	0.00075196
10	0.913	0.9185	0.9253	0.0039223	0.9133	0.91858	0.9252	0.0038767	-0.0005	8e-05	0.0009	0.00044171
30	0.9081	0.91718	0.9214	0.0048948	0.9093	0.91778	0.9223	0.004535	-0.0009	0.0006	0.0018	0.00087178
50	0.9142	0.91902	0.9255	0.0039259	0.9147	0.91999	0.9267	0.0040927	-0.001	0.00097	0.0037	0.0014182
100	0.9132	0.91882	0.9239	0.0028947	0.9144	0.92025	0.9249	0.0030123	0.0002	0.00143	0.0032	0.00080007

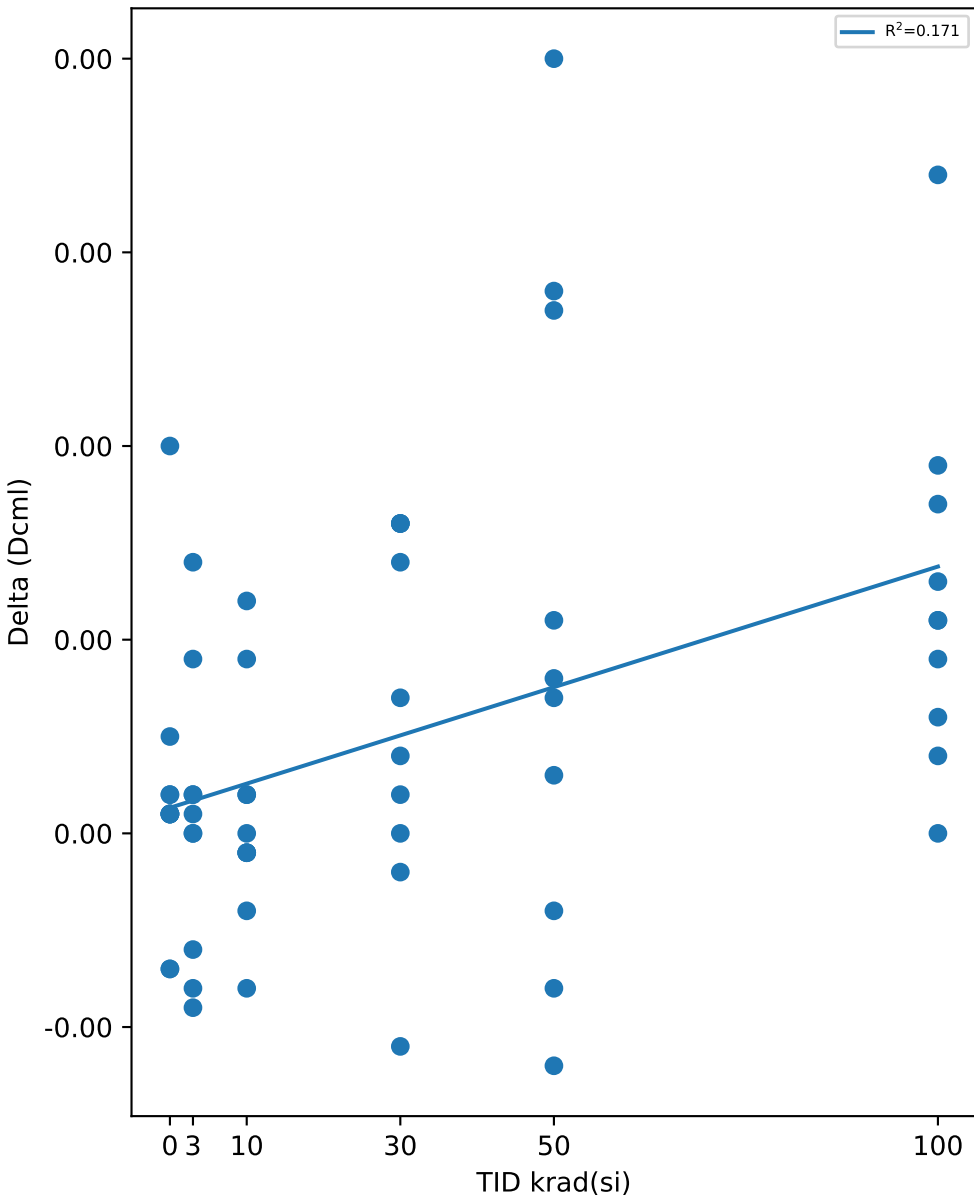
TID vs Result Stats



Test Results (Lower Limit = 0.93, Upper Limit = 0.98 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9568	0.9573	0.0005
516	0	CORRELATION	0.9551	0.9571	0.002
721	0	CORRELATION	0.9482	0.9483	0.0001
723	0	CORRELATION	0.9477	0.9478	0.0001
729	0	CORRELATION	0.9513	0.9506	-0.0007
1000	3	Unbiased	0.9485	0.9485	0
1001	3	Unbiased	0.9503	0.9504	0.0001
1002	3	Unbiased	0.9532	0.9534	0.0002
1003	3	Unbiased	0.9467	0.9461	-0.0006
1004	3	Unbiased	0.9442	0.9456	0.0014
1005	3	Biased	0.9464	0.9464	0
1006	3	Biased	0.9434	0.9436	0.0002
1007	3	Biased	0.9514	0.9506	-0.0008
1008	3	Biased	0.9523	0.9514	-0.0009
1009	3	Biased	0.9445	0.9454	0.0009
1010	10	Unbiased	0.946	0.9472	0.0012
1011	10	Unbiased	0.9436	0.9438	0.0002
1012	10	Unbiased	0.9479	0.9471	-0.0008
1013	10	Unbiased	0.9523	0.9522	-0.0001
1014	10	Unbiased	0.9513	0.9512	-0.0001
1015	10	Biased	0.9491	0.95	0.0009
1016	10	Biased	0.945	0.9446	-0.0004
1017	10	Biased	0.9481	0.948	-0.0001
1018	10	Biased	0.9561	0.9561	0
1019	10	Biased	0.954	0.9542	0.0002
1020	30	Unbiased	0.9448	0.9446	-0.0002
1021	30	Unbiased	0.9462	0.9476	0.0014
1022	30	Unbiased	0.9523	0.9512	-0.0011
1023	30	Unbiased	0.9507	0.9511	0.0004
1024	30	Unbiased	0.9518	0.9534	0.0016
1025	30	Biased	0.9518	0.952	0.0002
1026	30	Biased	0.9503	0.9503	0
1027	30	Biased	0.9411	0.9427	0.0016
1028	30	Biased	0.9517	0.9533	0.0016
1029	30	Biased	0.939	0.9397	0.0007
1030	50	Unbiased	0.9481	0.9488	0.0007
1031	50	Unbiased	0.9526	0.9553	0.0027
1032	50	Unbiased	0.9455	0.9451	-0.0004
1033	50	Unbiased	0.9458	0.9486	0.0028
1034	50	Unbiased	0.9481	0.9484	0.0003
1035	50	Biased-84Hr-Anneal	0.9534	0.9522	-0.0012
1036	50	Biased-84Hr-Anneal	0.9502	0.9513	0.0011
1037	50	Biased-84Hr-Anneal	0.9452	0.946	0.0008
1038	50	Biased-84Hr-Anneal	0.9566	0.9558	-0.0008
1039	50	Biased-84Hr-Anneal	0.9541	0.9581	0.004
1040	100	Unbiased-168Hr-Anneal	0.9498	0.9509	0.0011
1041	100	Unbiased-168Hr-Anneal	0.9481	0.9494	0.0013
1042	100	Unbiased-168Hr-Anneal	0.9491	0.9525	0.0034
1043	100	Unbiased-168Hr-Anneal	0.9503	0.9509	0.0006
1044	100	Unbiased-168Hr-Anneal	0.9533	0.9552	0.0019
1045	100	Biased-168Hr-Anneal	0.9498	0.9515	0.0017
1046	100	Biased-168Hr-Anneal	0.9503	0.9503	0
1047	100	Biased-168Hr-Anneal	0.9437	0.9448	0.0011
1048	100	Biased-168Hr-Anneal	0.955	0.9554	0.0004
1049	100	Biased-168Hr-Anneal	0.9477	0.9486	0.0009

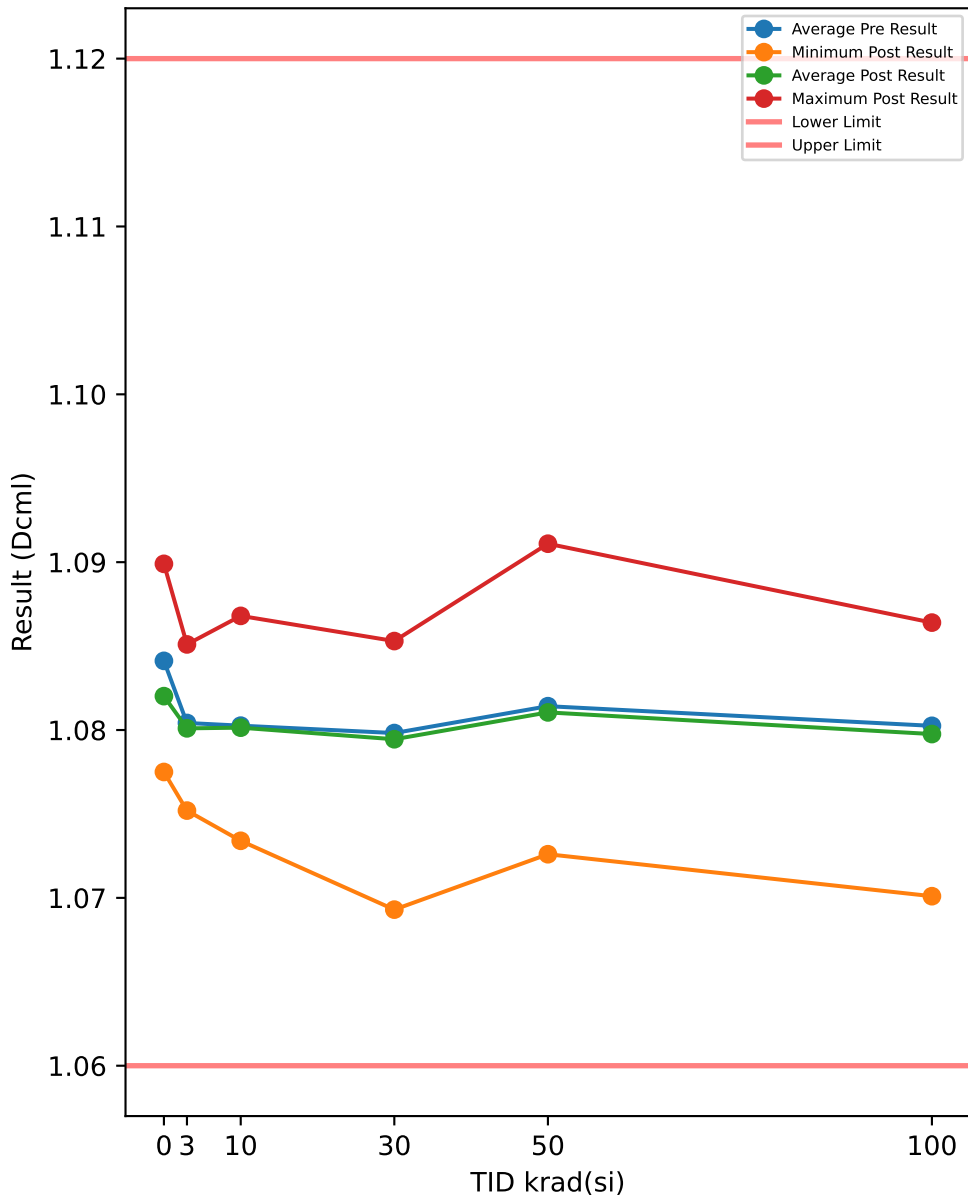
TID vs Post - Pre Exposure Delta



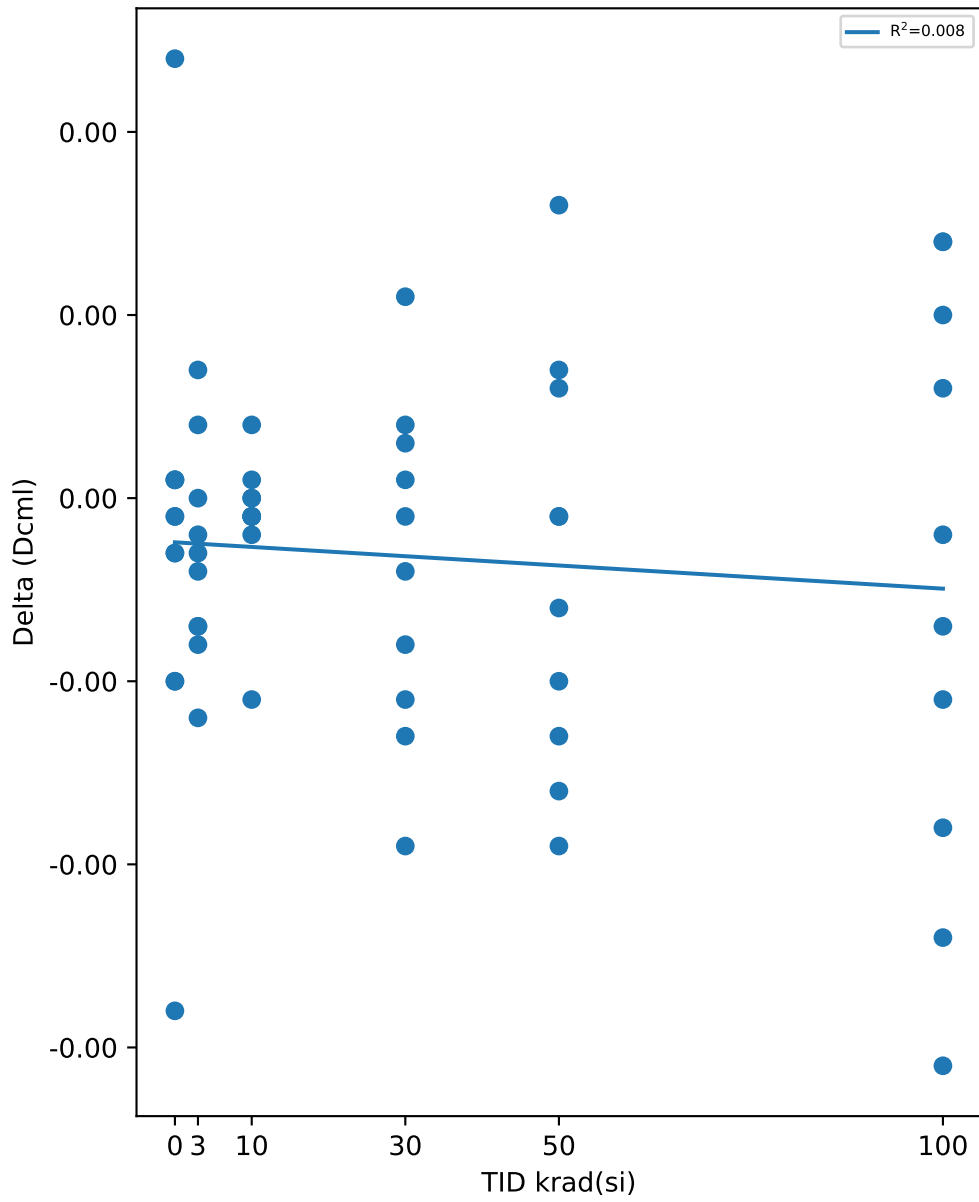
Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9477	0.95182	0.9568	0.0040592	0.9478	0.95222	0.9573	0.0046677	-0.0007	0.0004	0.002	0.00099499
3	0.9434	0.94809	0.9532	0.0035691	0.9436	0.94814	0.9534	0.0031858	-0.0009	5e-05	0.0014	0.00071841
10	0.9436	0.94934	0.9561	0.0040363	0.9438	0.94944	0.9561	0.0040255	-0.0008	0.0001	0.0012	0.0005831
30	0.939	0.94797	0.9523	0.0048958	0.9397	0.94859	0.9534	0.0047564	-0.0011	0.00062	0.0016	0.00092712
50	0.9452	0.94996	0.9566	0.0040396	0.9451	0.95096	0.9581	0.0043541	-0.0012	0.001	0.004	0.0016931
100	0.9437	0.94971	0.955	0.0030679	0.9448	0.95095	0.9554	0.0031046	0	0.00124	0.0034	0.00095009

TID vs Result Stats



TID vs Post - Pre Exposure Delta



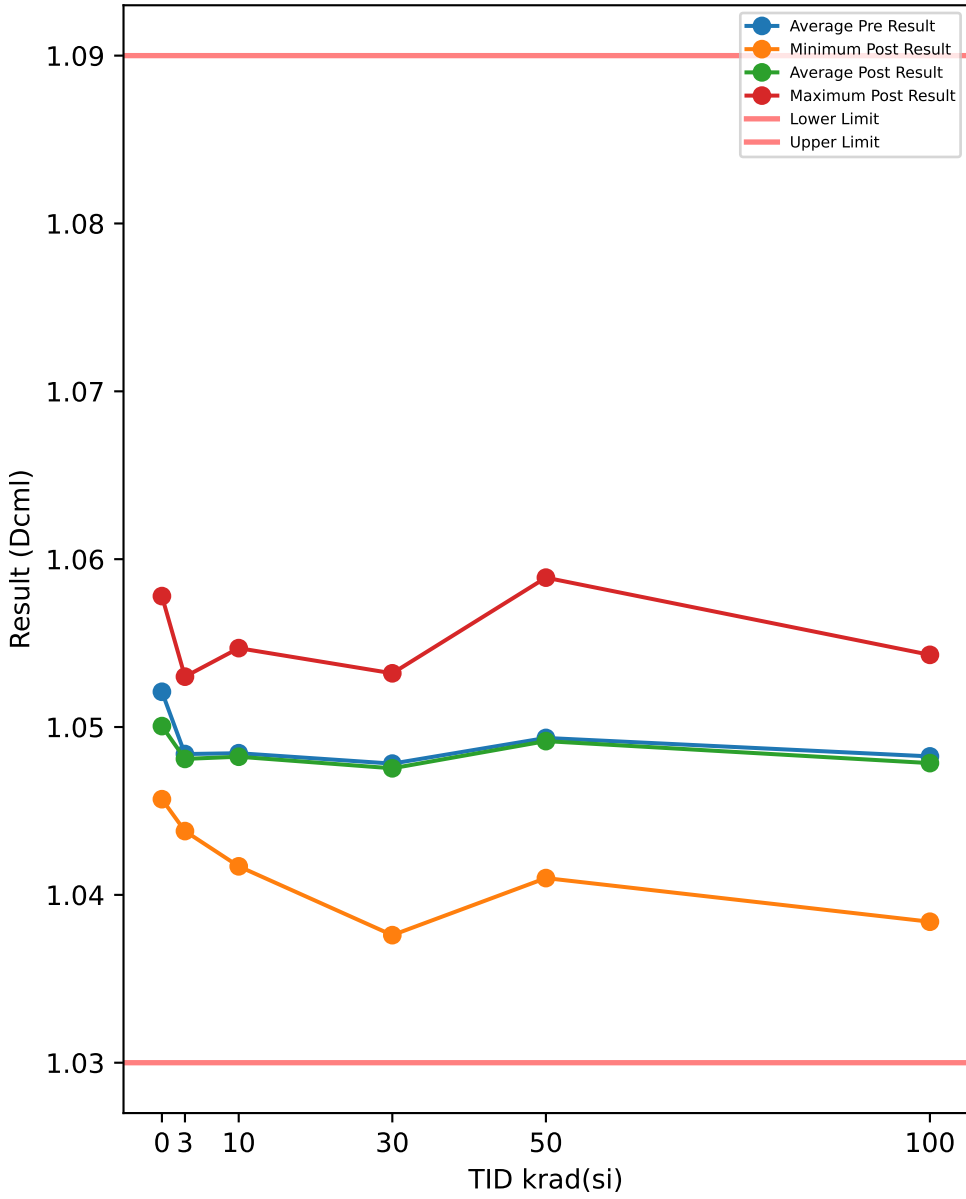
Test Results (Lower Limit = 1.06, Upper Limit = 1.12 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0902	1.0874	-0.0028
516	0	CORRELATION	1.0875	1.0899	0.0024
721	0	CORRELATION	1.0814	1.0815	0.0001
723	0	CORRELATION	1.0776	1.0775	-0.0001
729	0	CORRELATION	1.0839	1.0829	-0.001
1000	3	Unbiased	1.0812	1.0808	-0.0004
1001	3	Unbiased	1.0839	1.0832	-0.0007
1002	3	Unbiased	1.0851	1.0851	0
1003	3	Unbiased	1.0787	1.0779	-0.0008
1004	3	Unbiased	1.0785	1.0792	0.0007
1005	3	Biased	1.0774	1.0772	-0.0002
1006	3	Biased	1.0755	1.0752	-0.0003
1007	3	Biased	1.0828	1.0821	-0.0007
1008	3	Biased	1.0855	1.0843	-0.0012
1009	3	Biased	1.0756	1.076	0.0004
1010	10	Unbiased	1.0772	1.0773	0.0001
1011	10	Unbiased	1.0734	1.0734	0
1012	10	Unbiased	1.0774	1.0773	-0.0001
1013	10	Unbiased	1.085	1.0849	-0.0001
1014	10	Unbiased	1.0807	1.0806	-0.0001
1015	10	Biased	1.0802	1.0806	0.0004
1016	10	Biased	1.0765	1.0754	-0.0011
1017	10	Biased	1.0793	1.0791	-0.0002
1018	10	Biased	1.0861	1.086	-0.0001
1019	10	Biased	1.0868	1.0868	0
1020	30	Unbiased	1.0764	1.0756	-0.0008
1021	30	Unbiased	1.0802	1.0806	0.0004
1022	30	Unbiased	1.0846	1.0827	-0.0019
1023	30	Unbiased	1.082	1.0816	-0.0004
1024	30	Unbiased	1.0842	1.0853	0.0011
1025	30	Biased	1.0849	1.0836	-0.0013
1026	30	Biased	1.0809	1.0798	-0.0011
1027	30	Biased	1.0692	1.0693	0.0001
1028	30	Biased	1.0831	1.0834	0.0003
1029	30	Biased	1.0727	1.0726	-0.0001
1030	50	Unbiased	1.0775	1.0762	-0.0013
1031	50	Unbiased	1.0857	1.0851	-0.0006
1032	50	Unbiased	1.078	1.077	-0.001
1033	50	Unbiased	1.0774	1.0781	0.0007
1034	50	Unbiased	1.0802	1.0808	0.0006
1035	50	Biased-84Hr-Anneal	1.0835	1.0819	-0.0016
1036	50	Biased-84Hr-Anneal	1.0798	1.0797	-0.0001
1037	50	Biased-84Hr-Anneal	1.0727	1.0726	-0.0001
1038	50	Biased-84Hr-Anneal	1.0899	1.088	-0.0019
1039	50	Biased-84Hr-Anneal	1.0895	1.0911	0.0016
1040	100	Unbiased-168Hr-Anneal	1.0806	1.082	0.0014
1041	100	Unbiased-168Hr-Anneal	1.0807	1.08	-0.0007
1042	100	Unbiased-168Hr-Anneal	1.0789	1.0799	0.001
1043	100	Unbiased-168Hr-Anneal	1.0807	1.0805	-0.0002
1044	100	Unbiased-168Hr-Anneal	1.085	1.0864	0.0014
1045	100	Biased-168Hr-Anneal	1.0811	1.0817	0.0006
1046	100	Biased-168Hr-Anneal	1.0782	1.0771	-0.0011
1047	100	Biased-168Hr-Anneal	1.0725	1.0701	-0.0024
1048	100	Biased-168Hr-Anneal	1.0857	1.0839	-0.0018
1049	100	Biased-168Hr-Anneal	1.0791	1.076	-0.0031

Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0776	1.0841	1.0902	0.0049585	1.0775	1.0838	1.0899	0.0048978	-0.0028	-0.00028	0.0024	0.001886
3	1.0755	1.0804	1.0855	0.0037903	1.0752	1.0801	1.0851	0.0035217	-0.0012	-0.00032	0.0007	0.00057504
10	1.0734	1.0803	1.0868	0.0044622	1.0734	1.0801	1.0868	0.0045569	-0.0011	-0.00012	0.0004	0.00038239
30	1.0692	1.0798	1.0849	0.0053731	1.0693	1.0795	1.0853	0.005254	-0.0019	-0.00037	0.0011	0.00090805
50	1.0727	1.0814	1.0899	0.0056097	1.0726	1.0811	1.0911	0.0056602	-0.0019	-0.00037	0.0016	0.0011196
100	1.0725	1.0802	1.0857	0.0036655	1.0701	1.0798	1.0864	0.0045358	-0.0031	-0.00049	0.0014	0.0016065

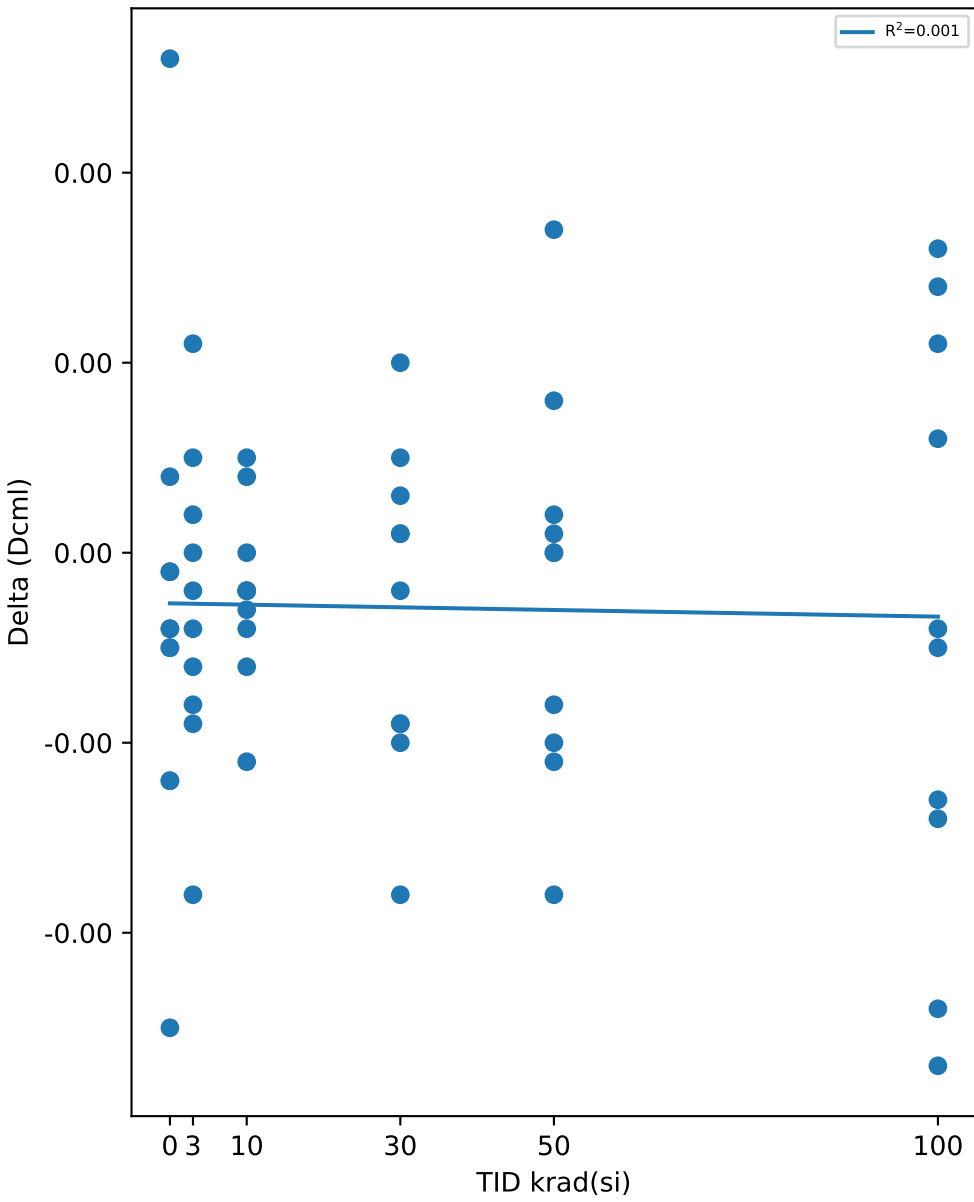
TID vs Result Stats



Test Results (Lower Limit = 1.03, Upper Limit = 1.09 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.058	1.0555	-0.0025
516	0	CORRELATION	1.0552	1.0578	0.0026
721	0	CORRELATION	1.0493	1.0497	0.0004
723	0	CORRELATION	1.0462	1.0458	-0.0004
729	0	CORRELATION	1.0518	1.0506	-0.0012
1000	3	Unbiased	1.0491	1.0485	-0.0006
1001	3	Unbiased	1.0513	1.0511	-0.0002
1002	3	Unbiased	1.053	1.053	0
1003	3	Unbiased	1.047	1.0462	-0.0008
1004	3	Unbiased	1.0462	1.0473	0.0011
1005	3	Biased	1.0459	1.0455	-0.0004
1006	3	Biased	1.0436	1.0438	0.0002
1007	3	Biased	1.0511	1.0502	-0.0009
1008	3	Biased	1.0533	1.0515	-0.0018
1009	3	Biased	1.0434	1.0439	0.0005
1010	10	Unbiased	1.0452	1.0457	0.0005
1011	10	Unbiased	1.0417	1.0417	0
1012	10	Unbiased	1.0454	1.0452	-0.0002
1013	10	Unbiased	1.0531	1.0528	-0.0003
1014	10	Unbiased	1.0489	1.0487	-0.0002
1015	10	Biased	1.0485	1.0489	0.0004
1016	10	Biased	1.0445	1.0434	-0.0011
1017	10	Biased	1.0481	1.0475	-0.0006
1018	10	Biased	1.0541	1.0537	-0.0004
1019	10	Biased	1.0549	1.0547	-0.0002
1020	30	Unbiased	1.0445	1.0435	-0.001
1021	30	Unbiased	1.0481	1.0486	0.0005
1022	30	Unbiased	1.0525	1.0507	-0.0018
1023	30	Unbiased	1.0497	1.0495	-0.0002
1024	30	Unbiased	1.0522	1.0532	0.001
1025	30	Biased	1.0527	1.0518	-0.0009
1026	30	Biased	1.0488	1.0479	-0.0009
1027	30	Biased	1.0375	1.0376	0.0001
1028	30	Biased	1.0512	1.0515	0.0003
1029	30	Biased	1.041	1.0411	0.0001
1030	50	Unbiased	1.0454	1.0446	-0.0008
1031	50	Unbiased	1.0534	1.0534	0
1032	50	Unbiased	1.0463	1.0453	-0.001
1033	50	Unbiased	1.0455	1.0463	0.0008
1034	50	Unbiased	1.0486	1.0487	0.0001
1035	50	Biased-84Hr-Anneal	1.0511	1.05	-0.0011
1036	50	Biased-84Hr-Anneal	1.0477	1.0477	0
1037	50	Biased-84Hr-Anneal	1.0408	1.041	0.0002
1038	50	Biased-84Hr-Anneal	1.0575	1.0557	-0.0018
1039	50	Biased-84Hr-Anneal	1.0572	1.0589	0.0017
1040	100	Unbiased-168Hr-Anneal	1.0485	1.0501	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0486	1.0481	-0.0005
1042	100	Unbiased-168Hr-Anneal	1.0466	1.0477	0.0011
1043	100	Unbiased-168Hr-Anneal	1.049	1.0486	-0.0004
1044	100	Unbiased-168Hr-Anneal	1.0529	1.0543	0.0014
1045	100	Biased-168Hr-Anneal	1.0494	1.05	0.0006
1046	100	Biased-168Hr-Anneal	1.0463	1.045	-0.0013
1047	100	Biased-168Hr-Anneal	1.0408	1.0384	-0.0024
1048	100	Biased-168Hr-Anneal	1.0533	1.0519	-0.0014
1049	100	Biased-168Hr-Anneal	1.0471	1.0444	-0.0027

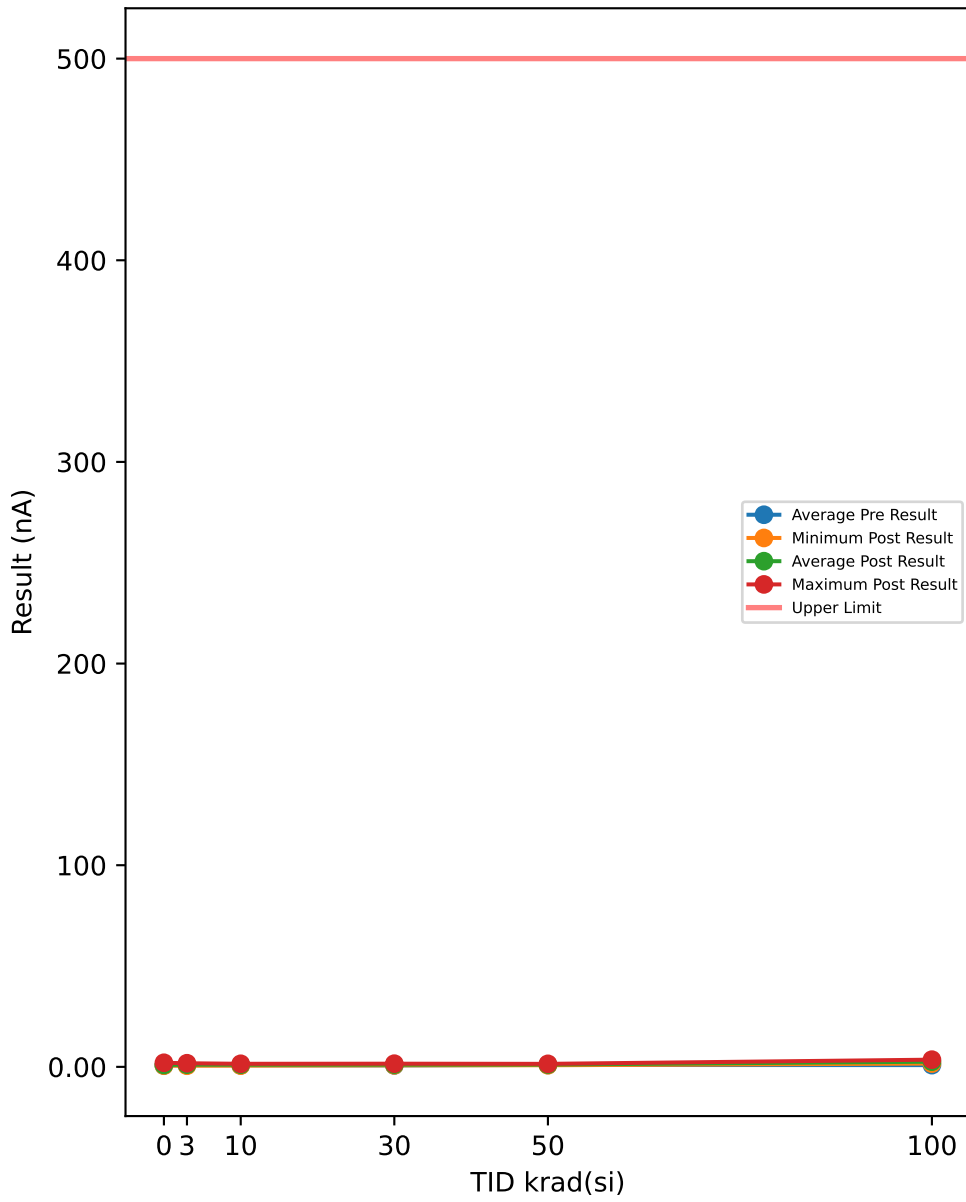
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0462	1.0521	1.058	0.004668	1.0458	1.0519	1.0578	0.004783	-0.0025	-0.00022	0.0026	0.0019058
3	1.0434	1.0484	1.0533	0.0036886	1.0438	1.0481	1.053	0.0032707	-0.0018	-0.00029	0.0011	0.00081028
10	1.0417	1.0484	1.0549	0.0044285	1.0417	1.0482	1.0547	0.0044149	-0.0011	-0.00021	0.0005	0.00046056
30	1.0375	1.0478	1.0527	0.0052168	1.0376	1.0475	1.0532	0.0051375	-0.0018	-0.00028	0.001	0.00084827
50	1.0408	1.0494	1.0575	0.0054122	1.041	1.0492	1.0589	0.0054683	-0.0018	-0.00019	0.0017	0.001017
100	1.0408	1.0482	1.0533	0.0035362	1.0384	1.0478	1.0543	0.004443	-0.0027	-0.0004	0.0016	0.0015492

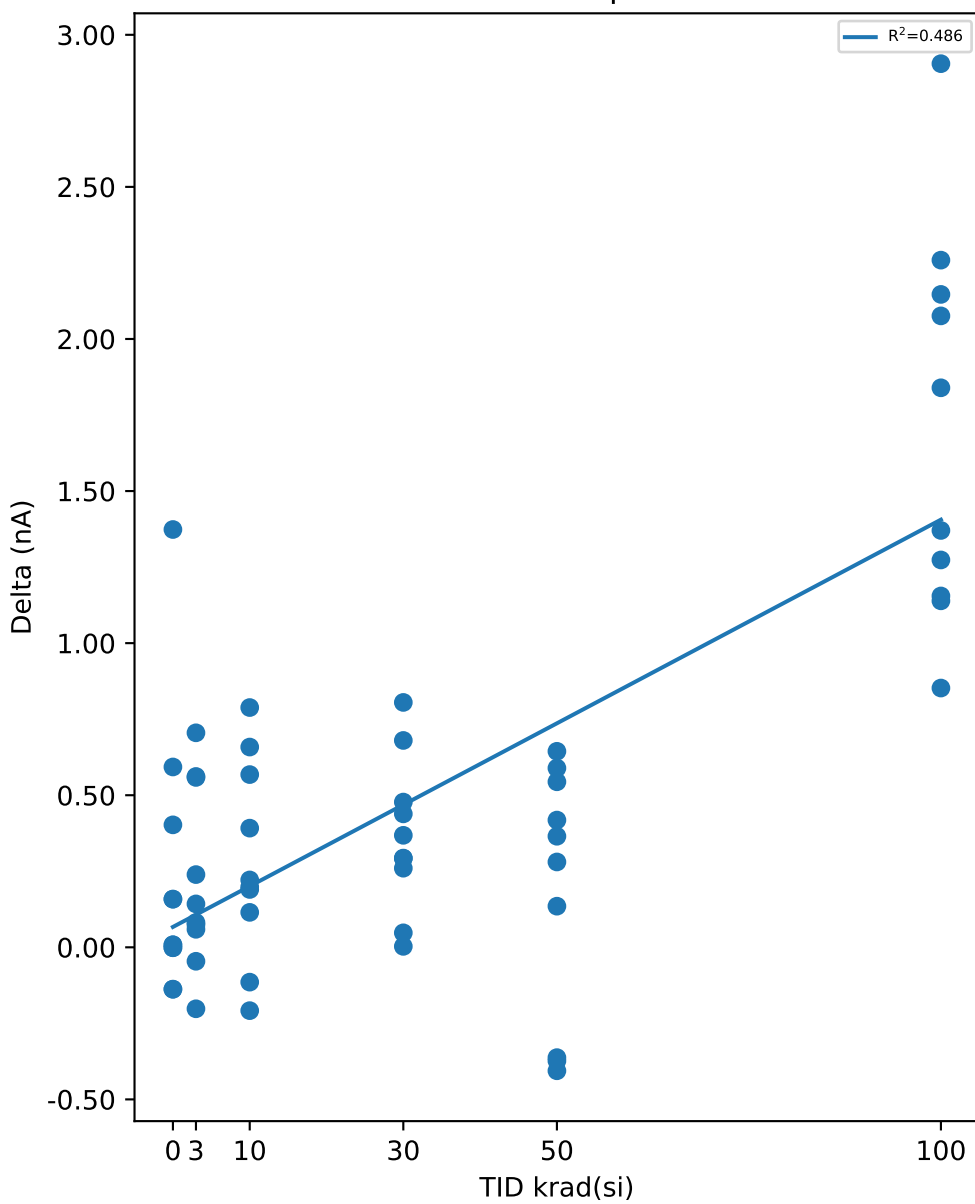
TID vs Result Stats



Test Results (Upper Limit = 500.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6472	2.0208	1.3736
516	0	CORRELATION	0.613	1.0156	0.4026
721	0	CORRELATION	0.8314	1.4243	0.5929
723	0	CORRELATION	0.7701	0.9285	0.1584
729	0	CORRELATION	0.7048	0.5671	-0.1377
1000	3	Unbiased	0.8907	1.4492	0.5585
1001	3	Unbiased	0.6457	0.8848	0.2391
1002	3	Unbiased	0.6878	0.747	0.0592
1003	3	Unbiased	0.6629	0.617	-0.0459
1004	3	Unbiased	0.8813	0.9628	0.0815
1005	3	Biased	0.7514	0.8941	0.1427
1006	3	Biased	1.231	1.7927	0.5617
1007	3	Biased	0.9505	1.0248	0.0743
1008	3	Biased	0.766	0.5639	-0.2021
1009	3	Biased	1.0843	1.7895	0.7052
1010	10	Unbiased	0.9503	1.1718	0.2215
1011	10	Unbiased	1.2064	1.3213	0.1149
1012	10	Unbiased	0.8158	0.6076	-0.2082
1013	10	Unbiased	0.7159	1.3743	0.6584
1014	10	Unbiased	0.5772	0.969	0.3918
1015	10	Biased	0.7079	0.9066	0.1987
1016	10	Biased	0.744	0.6295	-0.1145
1017	10	Biased	0.7328	1.5211	0.7883
1018	10	Biased	0.7035	0.8937	0.1902
1019	10	Biased	0.6878	1.2557	0.5679
1020	30	Unbiased	0.8376	1.2058	0.3682
1021	30	Unbiased	0.769	1.5741	0.8051
1022	30	Unbiased	0.7067	0.7543	0.0476
1023	30	Unbiased	0.5535	0.8136	0.2601
1024	30	Unbiased	0.7545	1.0468	0.2923
1025	30	Biased	0.7972	1.4773	0.6801
1026	30	Biased	0.6784	1.1559	0.4775
1027	30	Biased	0.5554	0.9941	0.4387
1028	30	Biased	0.766	1.0593	0.2933
1029	30	Biased	0.8345	0.8376	0.0031
1030	50	Unbiased	0.8222	1.1873	0.3651
1031	50	Unbiased	0.719	1.1373	0.4183
1032	50	Unbiased	0.7471	1.3363	0.5892
1033	50	Unbiased	0.5928	1.2372	0.6444
1034	50	Unbiased	1.2126	1.4932	0.2806
1035	50	Biased-84Hr-Anneal	1.204	0.7981	-0.4059
1036	50	Biased-84Hr-Anneal	0.8117	0.9469	0.1352
1037	50	Biased-84Hr-Anneal	1.2977	0.935	-0.3627
1038	50	Biased-84Hr-Anneal	0.821	1.3652	0.5442
1039	50	Biased-84Hr-Anneal	1.2828	0.9094	-0.3734
1040	100	Unbiased-168Hr-Anneal	0.7159	1.871	1.1551
1041	100	Unbiased-168Hr-Anneal	0.8878	2.0269	1.1391
1042	100	Unbiased-168Hr-Anneal	0.8097	2.0832	1.2735
1043	100	Unbiased-168Hr-Anneal	0.7763	1.6287	0.8524
1044	100	Unbiased-168Hr-Anneal	0.6004	1.9709	1.3705
1045	100	Biased-168Hr-Anneal	0.5528	3.4579	2.9051
1046	100	Biased-168Hr-Anneal	1.3075	3.5667	2.2592
1047	100	Biased-168Hr-Anneal	0.4092	2.5557	2.1465
1048	100	Biased-168Hr-Anneal	1.2419	3.0814	1.8395
1049	100	Biased-168Hr-Anneal	1.27	3.3459	2.0759

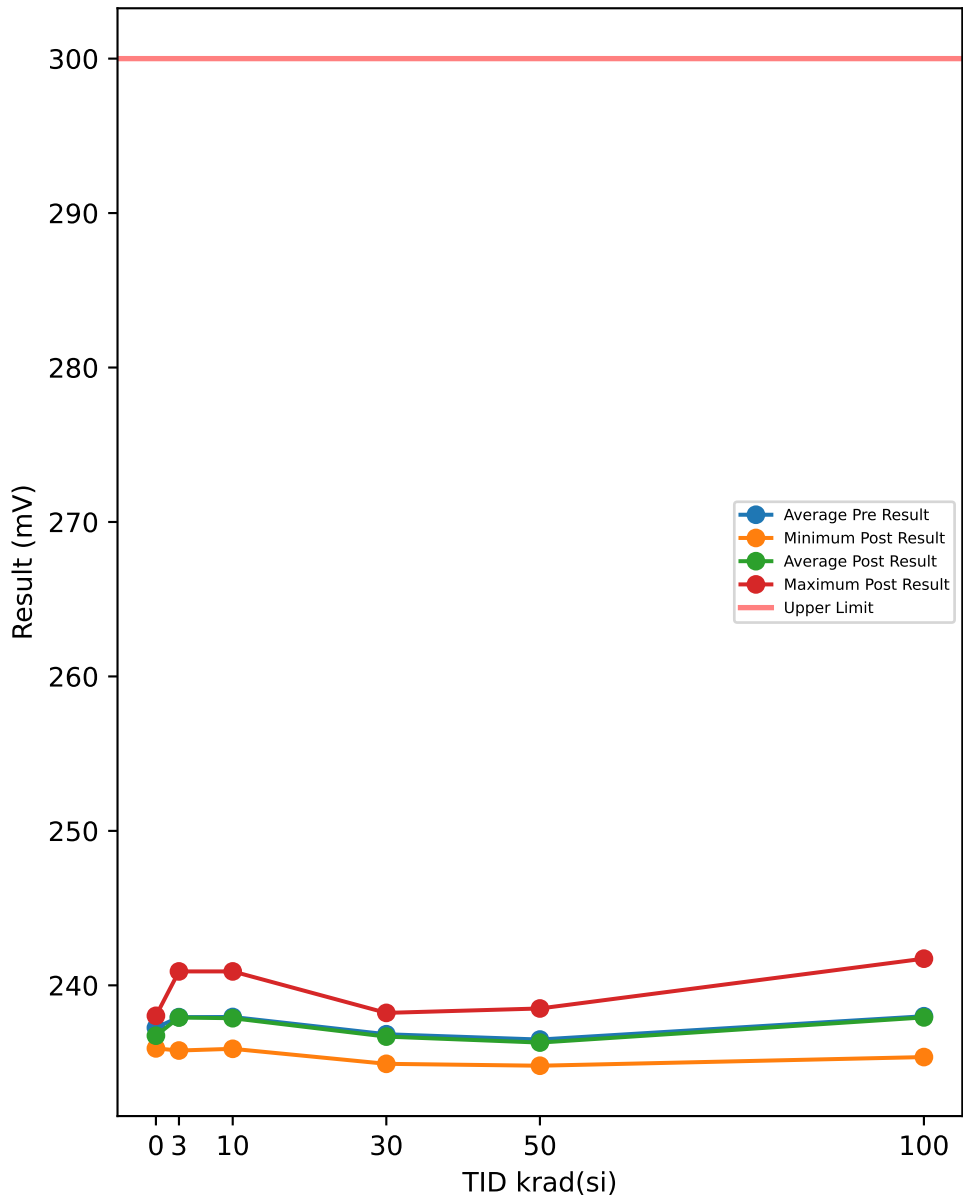
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.613	0.7133	0.8314	0.088988	0.5671	1.1913	2.0208	0.55496	-0.1377	0.47796	1.3736	0.57057
3	0.6457	0.85516	1.231	0.19217	0.5639	1.0726	1.7927	0.4507	-0.2021	0.21742	0.7052	0.29593
10	0.5772	0.78416	1.2064	0.17646	0.6076	1.0651	1.5211	0.31264	-0.2082	0.2809	0.7883	0.32253
30	0.5535	0.72528	0.8376	0.10277	0.7543	1.0919	1.5741	0.27221	0.0031	0.3666	0.8051	0.25038
50	0.5928	0.95109	1.2977	0.26653	0.7981	1.1346	1.4932	0.22968	-0.4059	0.1835	0.6444	0.41671
100	0.4092	0.85715	1.3075	0.31801	1.6287	2.5588	3.5667	0.7386	0.8524	1.7017	2.9051	0.64511

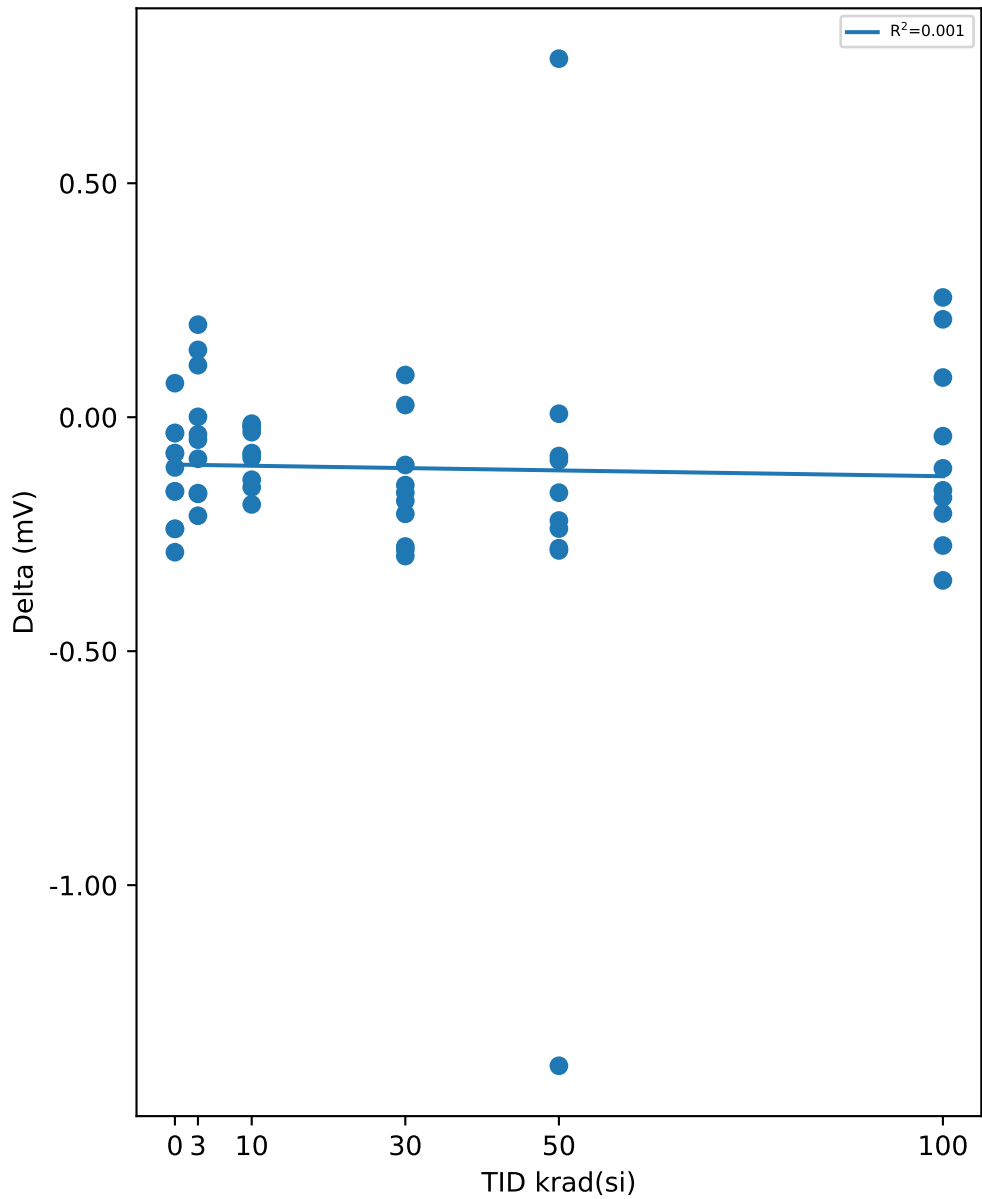
TID vs Result Stats



Test Results (Upper Limit = 300.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	238.31	238.03	-0.2885
516	0	CORRELATION	237.36	237.25	-0.1074
721	0	CORRELATION	237.52	237.59	0.0727
723	0	CORRELATION	236.08	236	-0.0768
729	0	CORRELATION	237	236.76	-0.2386
1000	3	Unbiased	237.3	237.26	-0.0365
1001	3	Unbiased	240.95	240.9	-0.048
1002	3	Unbiased	238.97	238.88	-0.0889
1003	3	Unbiased	239.45	239.29	-0.1637
1004	3	Unbiased	237.18	237.33	0.1438
1005	3	Biased	237.09	237.09	0.0008
1006	3	Biased	236.56	236.76	0.1978
1007	3	Biased	236.33	236.16	-0.1623
1008	3	Biased	239.91	239.69	-0.2106
1009	3	Biased	235.67	235.78	0.1111
1010	10	Unbiased	240.92	240.9	-0.0189
1011	10	Unbiased	240.59	240.46	-0.1336
1012	10	Unbiased	237.95	237.87	-0.0801
1013	10	Unbiased	236.72	236.7	-0.0209
1014	10	Unbiased	235.97	235.89	-0.0766
1015	10	Biased	236.9	236.72	-0.1864
1016	10	Biased	237.69	237.54	-0.1498
1017	10	Biased	237.14	237.11	-0.0319
1018	10	Biased	239	238.91	-0.0869
1019	10	Biased	236.64	236.62	-0.0138
1020	30	Unbiased	238.04	238.13	0.0902
1021	30	Unbiased	236.92	236.95	0.026
1022	30	Unbiased	236.31	236.13	-0.1788
1023	30	Unbiased	238.36	238.22	-0.1451
1024	30	Unbiased	235.75	235.46	-0.2833
1025	30	Biased	237.81	237.61	-0.2065
1026	30	Biased	236.86	236.59	-0.2763
1027	30	Biased	235.84	235.55	-0.2968
1028	30	Biased	235.08	234.92	-0.1613
1029	30	Biased	237.35	237.25	-0.1021
1030	50	Unbiased	235.38	235.22	-0.1613
1031	50	Unbiased	238.49	238.5	0.0074
1032	50	Unbiased	234.88	234.8	-0.083
1033	50	Unbiased	235.53	235.31	-0.2208
1034	50	Unbiased	234.91	234.82	-0.092
1035	50	Biased-84Hr-Anneal	237.02	236.73	-0.2847
1036	50	Biased-84Hr-Anneal	237.29	237.01	-0.2799
1037	50	Biased-84Hr-Anneal	236.61	236.37	-0.238
1038	50	Biased-84Hr-Anneal	236.82	237.59	0.7662
1039	50	Biased-84Hr-Anneal	237.98	236.6	-1.386
1040	100	Unbiased-168Hr-Anneal	241.84	241.73	-0.1093
1041	100	Unbiased-168Hr-Anneal	238.12	237.92	-0.2057
1042	100	Unbiased-168Hr-Anneal	235.7	235.36	-0.3487
1043	100	Unbiased-168Hr-Anneal	237.62	237.45	-0.1718
1044	100	Unbiased-168Hr-Anneal	237.1	236.94	-0.1562
1045	100	Biased-168Hr-Anneal	237.01	237.26	0.2559
1046	100	Biased-168Hr-Anneal	236.41	236.37	-0.0405
1047	100	Biased-168Hr-Anneal	237.71	237.92	0.2092
1048	100	Biased-168Hr-Anneal	239.66	239.39	-0.2742
1049	100	Biased-168Hr-Anneal	238.82	238.9	0.0848

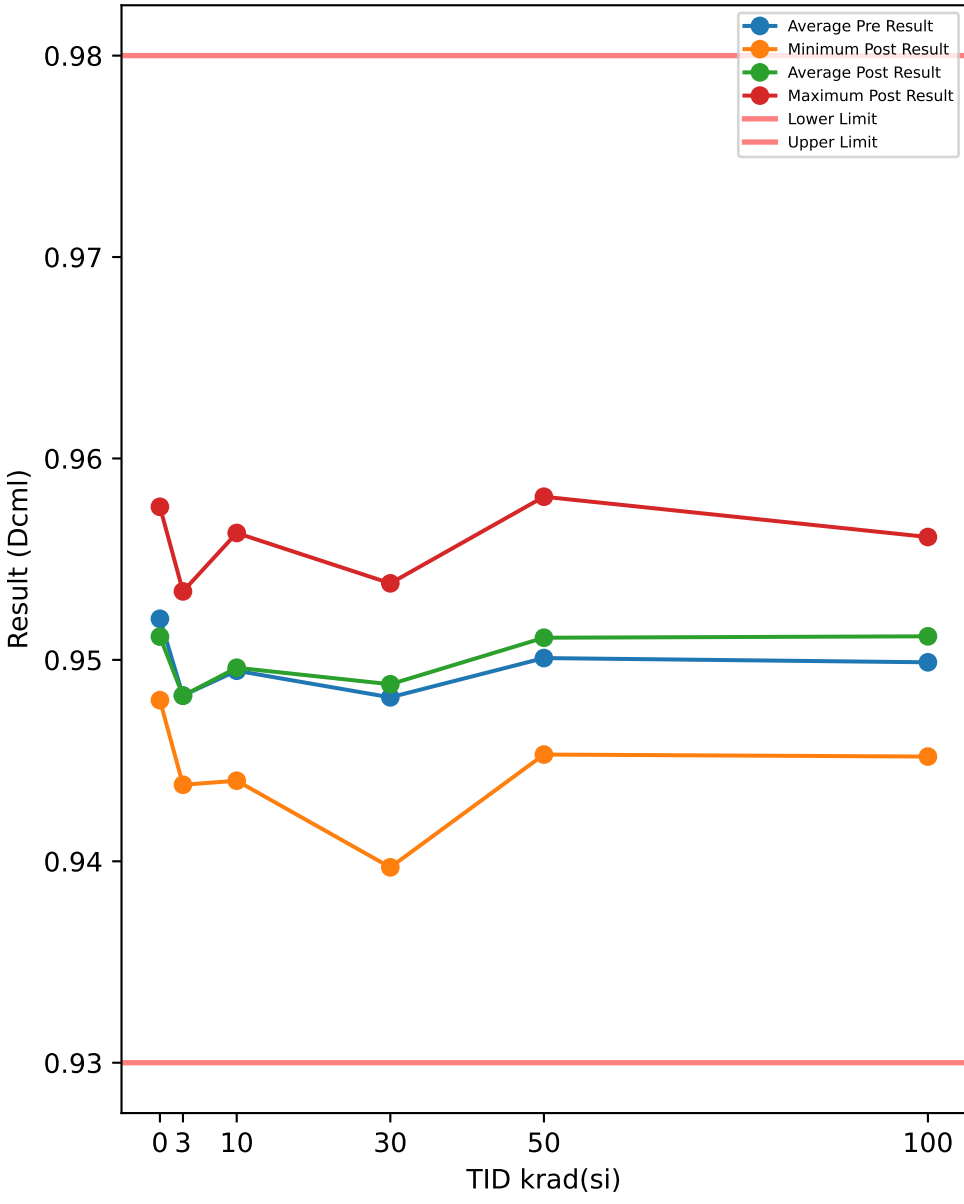
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	236.08	237.25	238.31	0.81511	236	237.13	238.03	0.78181	-0.2885	-0.12772	0.0727	0.14258
3	235.67	237.94	240.95	1.752	235.78	237.92	240.9	1.6769	-0.2106	-0.02565	0.1978	0.13928
10	235.97	237.95	240.92	1.6962	235.89	237.87	240.9	1.6944	-0.1864	-0.07989	-0.0138	0.060596
30	235.08	236.83	238.36	1.0821	234.92	236.68	238.22	1.1498	-0.2968	-0.1534	0.0902	0.12923
50	234.88	236.49	238.49	1.2715	234.8	236.29	238.5	1.2436	-1.386	-0.19721	0.7662	0.51912
100	235.7	238	241.84	1.7631	235.36	237.92	241.73	1.7698	-0.3487	-0.07565	0.2559	0.20161

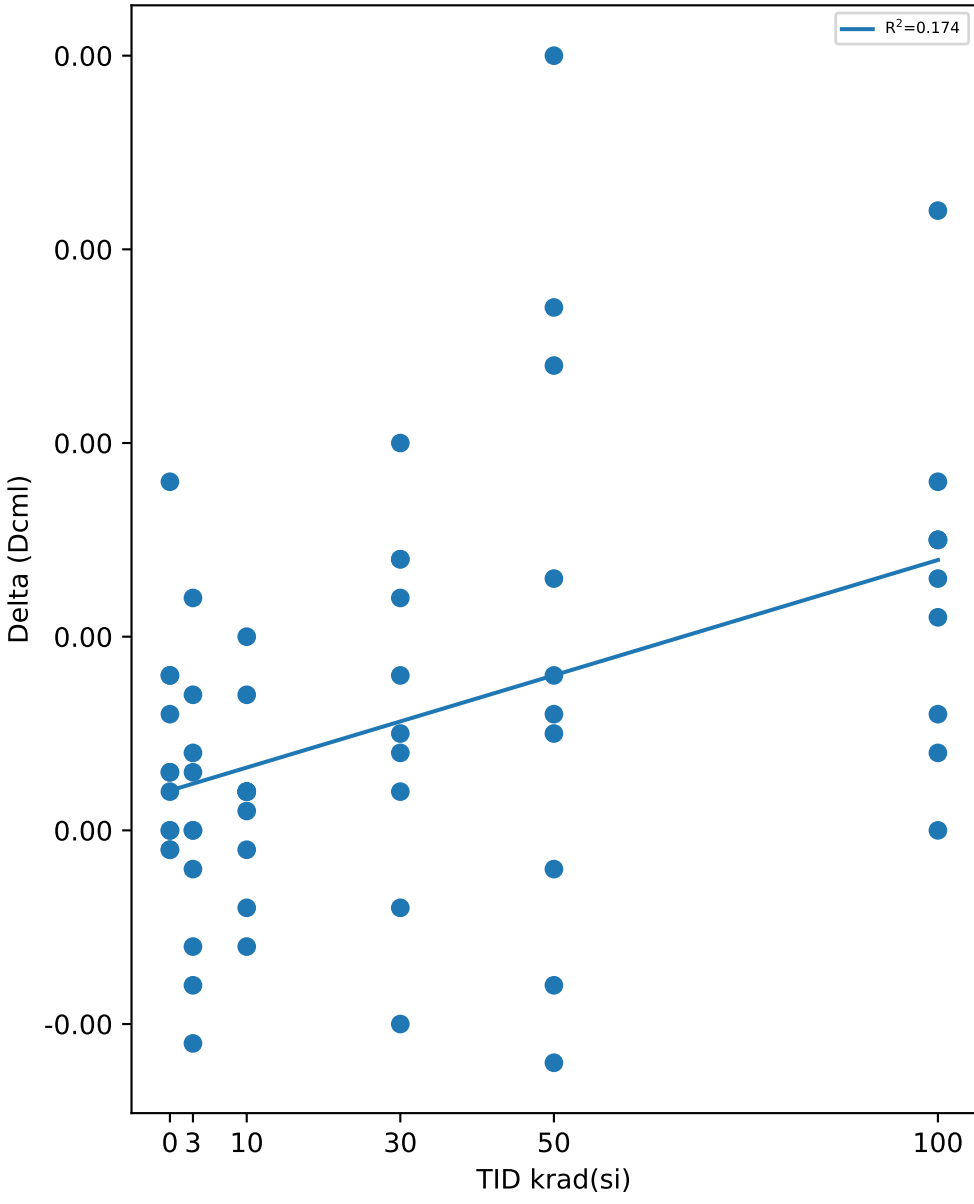
TID vs Result Stats



Test Results (Lower Limit = 0.93, Upper Limit = 0.98 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.957	0.9576	0.0006
516	0	CORRELATION	0.9555	0.9573	0.0018
721	0	CORRELATION	0.9484	0.9486	0.0002
723	0	CORRELATION	0.948	0.948	0
729	0	CORRELATION	0.9513	0.9512	-0.0001
1000	3	Unbiased	0.9485	0.9485	0
1001	3	Unbiased	0.9503	0.9506	0.0003
1002	3	Unbiased	0.9534	0.9534	0
1003	3	Unbiased	0.9469	0.9463	-0.0006
1004	3	Unbiased	0.9444	0.9456	0.0012
1005	3	Biased	0.9466	0.9464	-0.0002
1006	3	Biased	0.9434	0.9438	0.0004
1007	3	Biased	0.9516	0.9508	-0.0008
1008	3	Biased	0.9525	0.9514	-0.0011
1009	3	Biased	0.9447	0.9454	0.0007
1010	10	Unbiased	0.9462	0.9472	0.001
1011	10	Unbiased	0.9438	0.944	0.0002
1012	10	Unbiased	0.9481	0.9475	-0.0006
1013	10	Unbiased	0.9523	0.9525	0.0002
1014	10	Unbiased	0.9513	0.9514	0.0001
1015	10	Biased	0.9493	0.95	0.0007
1016	10	Biased	0.9452	0.9448	-0.0004
1017	10	Biased	0.9483	0.9482	-0.0001
1018	10	Biased	0.9561	0.9563	0.0002
1019	10	Biased	0.954	0.9542	0.0002
1020	30	Unbiased	0.945	0.9446	-0.0004
1021	30	Unbiased	0.9462	0.9476	0.0014
1022	30	Unbiased	0.9526	0.9516	-0.001
1023	30	Unbiased	0.9507	0.9515	0.0008
1024	30	Unbiased	0.9518	0.9538	0.002
1025	30	Biased	0.952	0.9524	0.0004
1026	30	Biased	0.9505	0.9507	0.0002
1027	30	Biased	0.9413	0.9427	0.0014
1028	30	Biased	0.9521	0.9533	0.0012
1029	30	Biased	0.9392	0.9397	0.0005
1030	50	Unbiased	0.9481	0.9494	0.0013
1031	50	Unbiased	0.9528	0.9555	0.0027
1032	50	Unbiased	0.9455	0.9453	-0.0002
1033	50	Unbiased	0.9462	0.9486	0.0024
1034	50	Unbiased	0.9481	0.9486	0.0005
1035	50	Biased-84Hr-Anneal	0.9534	0.9522	-0.0012
1036	50	Biased-84Hr-Anneal	0.9507	0.9513	0.0006
1037	50	Biased-84Hr-Anneal	0.9452	0.946	0.0008
1038	50	Biased-84Hr-Anneal	0.9568	0.956	-0.0008
1039	50	Biased-84Hr-Anneal	0.9541	0.9581	0.004
1040	100	Unbiased-168Hr-Anneal	0.95	0.9513	0.0013
1041	100	Unbiased-168Hr-Anneal	0.9481	0.9496	0.0015
1042	100	Unbiased-168Hr-Anneal	0.9493	0.9525	0.0032
1043	100	Unbiased-168Hr-Anneal	0.9505	0.9509	0.0004
1044	100	Unbiased-168Hr-Anneal	0.9537	0.9555	0.0018
1045	100	Biased-168Hr-Anneal	0.95	0.9515	0.0015
1046	100	Biased-168Hr-Anneal	0.9503	0.9503	0
1047	100	Biased-168Hr-Anneal	0.9437	0.9452	0.0015
1048	100	Biased-168Hr-Anneal	0.955	0.9561	0.0011
1049	100	Biased-168Hr-Anneal	0.9482	0.9488	0.0006

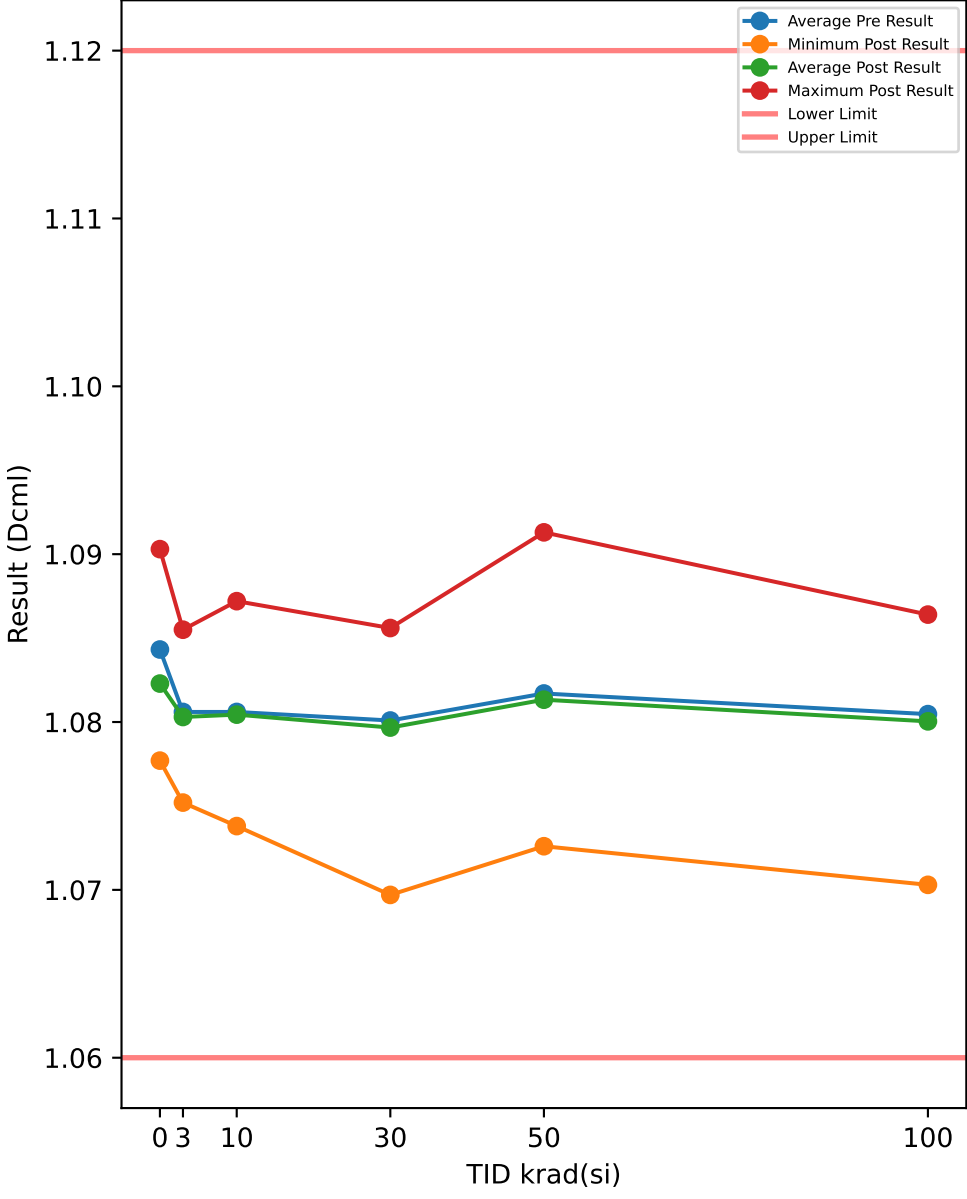
TID vs Post - Pre Exposure Delta



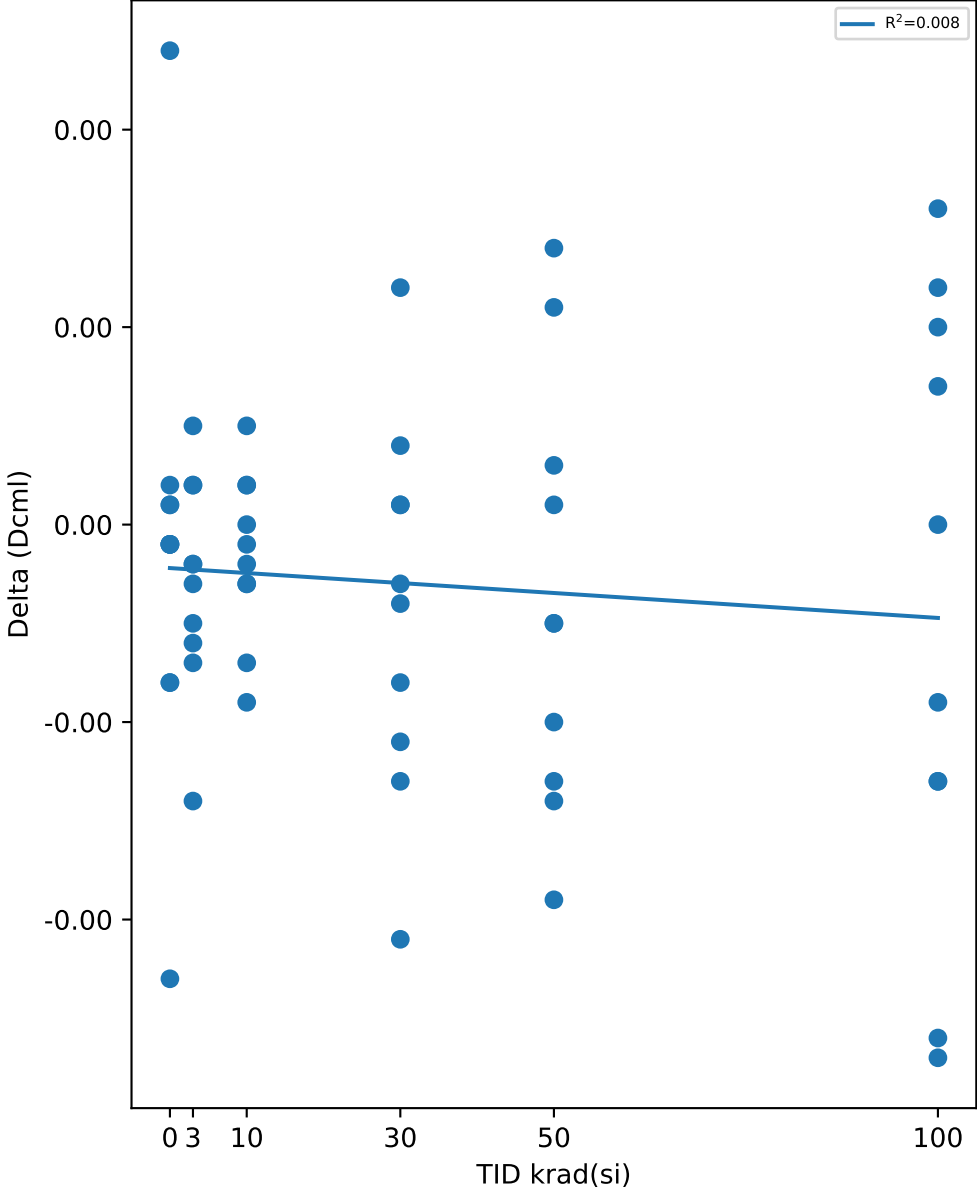
Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.948	0.95204	0.957	0.0040833	0.948	0.95254	0.9576	0.004642	-0.0001	0.0005	0.0018	0.0007746
3	0.9434	0.94823	0.9534	0.0035833	0.9438	0.94822	0.9534	0.0031745	-0.0011	-1e-05	0.0012	0.00070151
10	0.9438	0.94946	0.9561	0.0039466	0.944	0.94961	0.9563	0.0040054	-0.0006	0.00015	0.001	0.00046726
30	0.9392	0.94814	0.9526	0.0049027	0.9397	0.94879	0.9538	0.0048995	-0.001	0.00065	0.002	0.00090585
50	0.9452	0.95009	0.9568	0.0040526	0.9453	0.9511	0.9581	0.004329	-0.0012	0.00101	0.004	0.0016299
100	0.9437	0.94988	0.955	0.0030897	0.9452	0.95117	0.9561	0.0031535	0	0.00129	0.0032	0.00088248

TID vs Result Stats



TID vs Post - Pre Exposure Delta



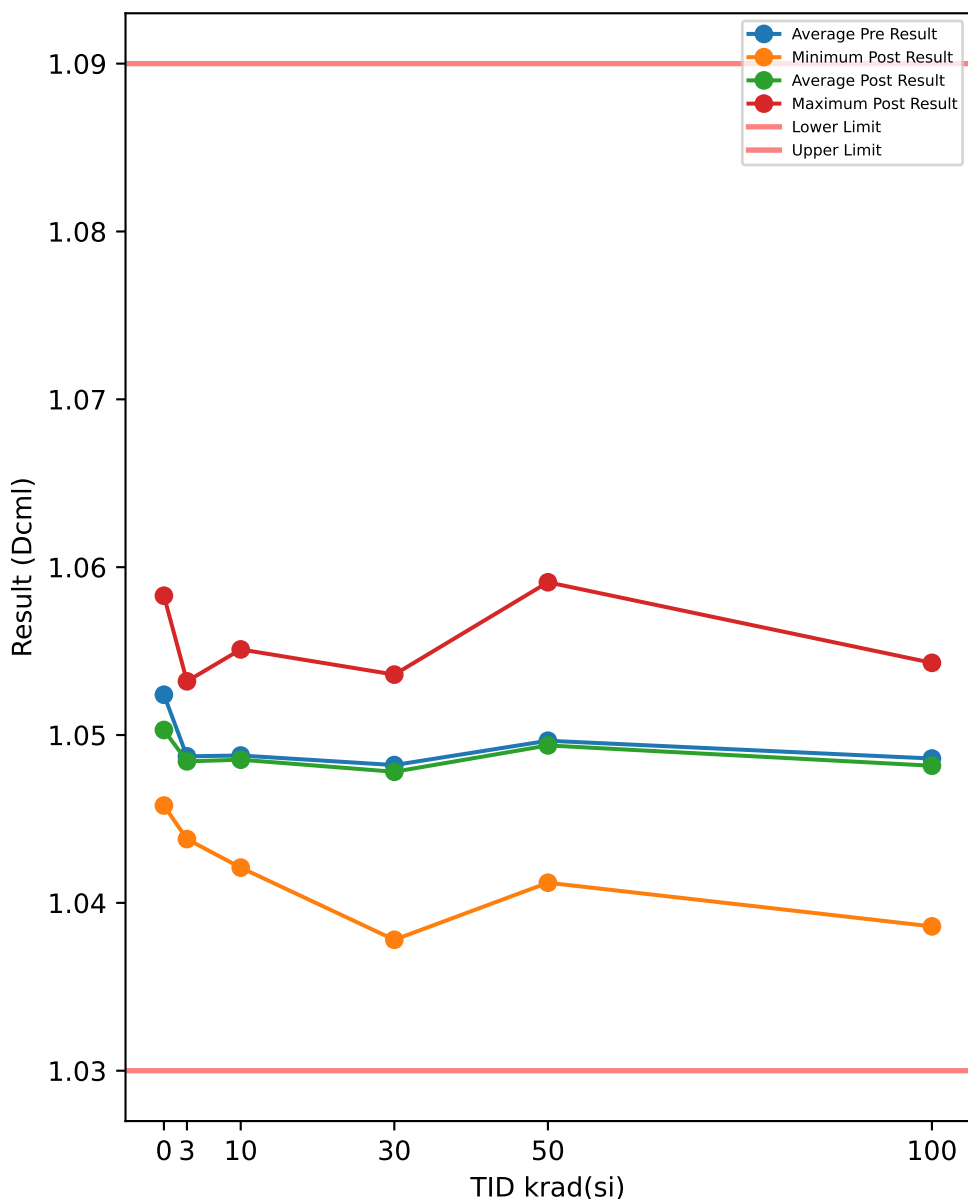
Test Results (Lower Limit = 1.06, Upper Limit = 1.12 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0904	1.0881	-0.0023
516	0	CORRELATION	1.0879	1.0903	0.0024
721	0	CORRELATION	1.0816	1.0818	0.0002
723	0	CORRELATION	1.0778	1.0777	-0.0001
729	0	CORRELATION	1.0839	1.0831	-0.0008
1000	3	Unbiased	1.0812	1.081	-0.0002
1001	3	Unbiased	1.0839	1.0836	-0.0003
1002	3	Unbiased	1.0853	1.0855	0.0002
1003	3	Unbiased	1.0789	1.0783	-0.0006
1004	3	Unbiased	1.0789	1.0794	0.0005
1005	3	Biased	1.0776	1.0774	-0.0002
1006	3	Biased	1.0757	1.0752	-0.0005
1007	3	Biased	1.083	1.0823	-0.0007
1008	3	Biased	1.0857	1.0843	-0.0014
1009	3	Biased	1.0758	1.076	0.0002
1010	10	Unbiased	1.0772	1.0777	0.0005
1011	10	Unbiased	1.0736	1.0738	0.0002
1012	10	Unbiased	1.0778	1.0778	0
1013	10	Unbiased	1.0856	1.0849	-0.0007
1014	10	Unbiased	1.0811	1.0808	-0.0003
1015	10	Biased	1.0806	1.0808	0.0002
1016	10	Biased	1.0767	1.0758	-0.0009
1017	10	Biased	1.0797	1.0796	-0.0001
1018	10	Biased	1.0863	1.086	-0.0003
1019	10	Biased	1.0874	1.0872	-0.0002
1020	30	Unbiased	1.0769	1.0756	-0.0013
1021	30	Unbiased	1.0804	1.0808	0.0004
1022	30	Unbiased	1.085	1.0829	-0.0021
1023	30	Unbiased	1.0822	1.0818	-0.0004
1024	30	Unbiased	1.0844	1.0856	0.0012
1025	30	Biased	1.0849	1.0841	-0.0008
1026	30	Biased	1.0811	1.08	-0.0011
1027	30	Biased	1.0696	1.0697	0.0001
1028	30	Biased	1.0833	1.0834	0.0001
1029	30	Biased	1.0731	1.0728	-0.0003
1030	50	Unbiased	1.0777	1.0764	-0.0013
1031	50	Unbiased	1.0857	1.0858	0.0001
1032	50	Unbiased	1.0785	1.0775	-0.001
1033	50	Unbiased	1.0776	1.0787	0.0011
1034	50	Unbiased	1.0807	1.081	0.0003
1035	50	Biased-84Hr-Anneal	1.0837	1.0823	-0.0014
1036	50	Biased-84Hr-Anneal	1.0802	1.0797	-0.0005
1037	50	Biased-84Hr-Anneal	1.0731	1.0726	-0.0005
1038	50	Biased-84Hr-Anneal	1.0899	1.088	-0.0019
1039	50	Biased-84Hr-Anneal	1.0899	1.0913	0.0014
1040	100	Unbiased-168Hr-Anneal	1.0808	1.0824	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0811	1.0802	-0.0009
1042	100	Unbiased-168Hr-Anneal	1.0791	1.0801	0.001
1043	100	Unbiased-168Hr-Anneal	1.0807	1.0807	0
1044	100	Unbiased-168Hr-Anneal	1.0852	1.0864	0.0012
1045	100	Biased-168Hr-Anneal	1.0815	1.0822	0.0007
1046	100	Biased-168Hr-Anneal	1.0786	1.0773	-0.0013
1047	100	Biased-168Hr-Anneal	1.0729	1.0703	-0.0026
1048	100	Biased-168Hr-Anneal	1.0857	1.0844	-0.0013
1049	100	Biased-168Hr-Anneal	1.0791	1.0764	-0.0027

Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0778	1.0843	1.0904	0.0049967	1.0777	1.0842	1.0903	0.0050408	-0.0023	-0.00012	0.0024	0.0017079
3	1.0757	1.0806	1.0857	0.0037556	1.0752	1.0803	1.0855	0.0035923	-0.0014	-0.0003	0.0005	0.00054365
10	1.0736	1.0806	1.0874	0.0045753	1.0738	1.0804	1.0872	0.0044418	-0.0009	-0.00016	0.0005	0.00042216
30	1.0696	1.0801	1.085	0.0052786	1.0697	1.0797	1.0856	0.0052517	-0.0021	-0.00042	0.0012	0.0009461
50	1.0731	1.0817	1.0899	0.0055251	1.0726	1.0813	1.0913	0.0056733	-0.0019	-0.00037	0.0014	0.0010884
100	1.0729	1.0805	1.0857	0.0035886	1.0703	1.08	1.0864	0.0045434	-0.0027	-0.00043	0.0016	0.0015592

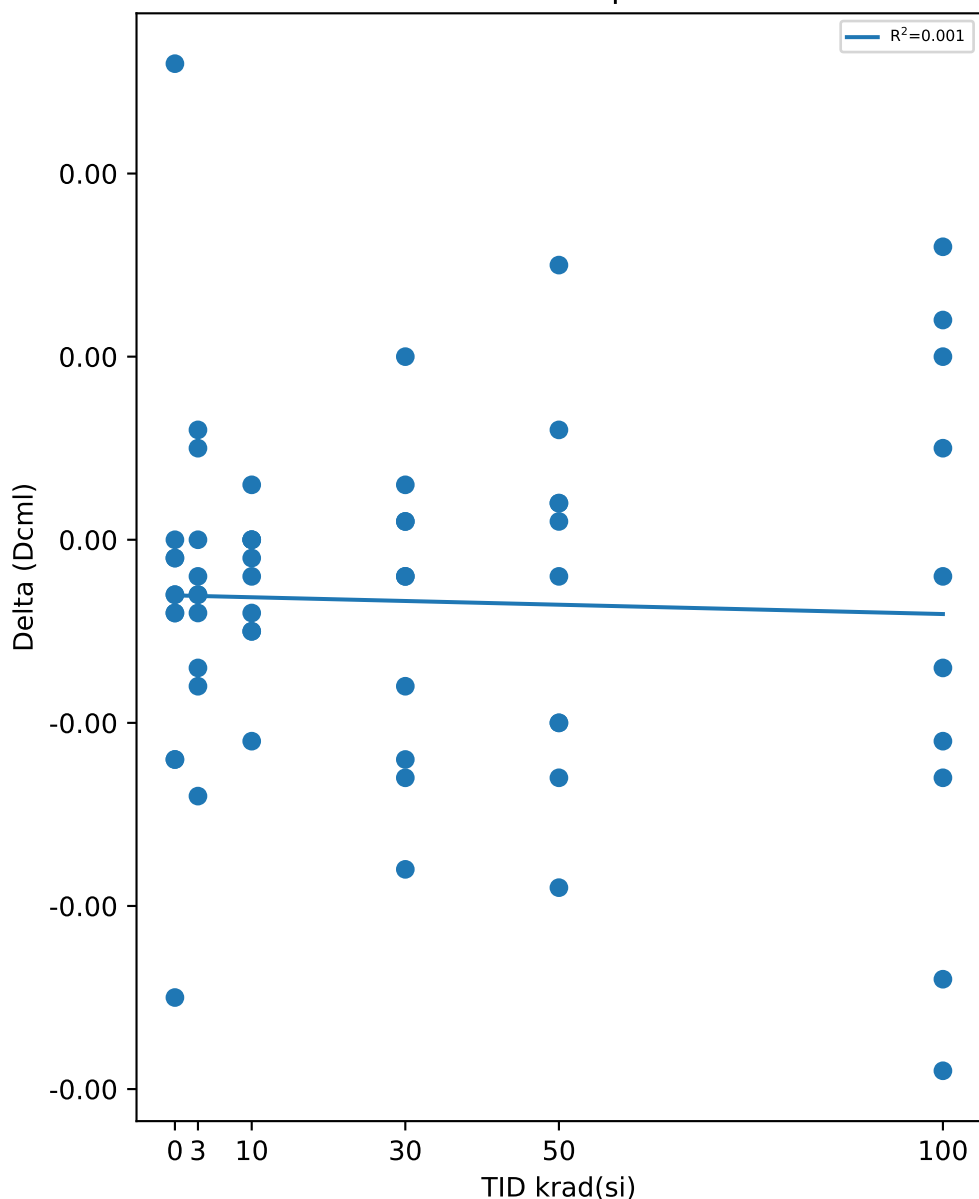
TID vs Result Stats



Test Results (Lower Limit = 1.03, Upper Limit = 1.09 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.0582	1.0557	-0.0025
516	0	CORRELATION	1.0557	1.0583	0.0026
721	0	CORRELATION	1.0497	1.0497	0
723	0	CORRELATION	1.0462	1.0458	-0.0004
729	0	CORRELATION	1.0522	1.051	-0.0012
1000	3	Unbiased	1.0494	1.0492	-0.0002
1001	3	Unbiased	1.0518	1.0515	-0.0003
1002	3	Unbiased	1.0532	1.0532	0
1003	3	Unbiased	1.0474	1.0466	-0.0008
1004	3	Unbiased	1.0469	1.0475	0.0006
1005	3	Biased	1.0459	1.0455	-0.0004
1006	3	Biased	1.0441	1.0438	-0.0003
1007	3	Biased	1.0513	1.0506	-0.0007
1008	3	Biased	1.0535	1.0521	-0.0014
1009	3	Biased	1.0438	1.0443	0.0005
1010	10	Unbiased	1.0456	1.0459	0.0003
1011	10	Unbiased	1.0421	1.0421	0
1012	10	Unbiased	1.0458	1.0457	-0.0001
1013	10	Unbiased	1.0535	1.053	-0.0005
1014	10	Unbiased	1.0494	1.0489	-0.0005
1015	10	Biased	1.0489	1.0489	0
1016	10	Biased	1.0448	1.0437	-0.0011
1017	10	Biased	1.0483	1.0479	-0.0004
1018	10	Biased	1.0541	1.0541	0
1019	10	Biased	1.0553	1.0551	-0.0002
1020	30	Unbiased	1.0452	1.0439	-0.0013
1021	30	Unbiased	1.0485	1.0488	0.0003
1022	30	Unbiased	1.0527	1.0509	-0.0018
1023	30	Unbiased	1.0499	1.0497	-0.0002
1024	30	Unbiased	1.0526	1.0536	0.001
1025	30	Biased	1.0532	1.052	-0.0012
1026	30	Biased	1.049	1.0482	-0.0008
1027	30	Biased	1.038	1.0378	-0.0002
1028	30	Biased	1.0516	1.0517	0.0001
1029	30	Biased	1.0414	1.0415	0.0001
1030	50	Unbiased	1.0458	1.0448	-0.001
1031	50	Unbiased	1.0538	1.0536	-0.0002
1032	50	Unbiased	1.0465	1.0455	-0.001
1033	50	Unbiased	1.0459	1.0465	0.0006
1034	50	Unbiased	1.0488	1.0489	0.0001
1035	50	Biased-84Hr-Anneal	1.0515	1.0502	-0.0013
1036	50	Biased-84Hr-Anneal	1.0479	1.0481	0.0002
1037	50	Biased-84Hr-Anneal	1.041	1.0412	0.0002
1038	50	Biased-84Hr-Anneal	1.0578	1.0559	-0.0019
1039	50	Biased-84Hr-Anneal	1.0576	1.0591	0.0015
1040	100	Unbiased-168Hr-Anneal	1.0487	1.0503	0.0016
1041	100	Unbiased-168Hr-Anneal	1.0492	1.0485	-0.0007
1042	100	Unbiased-168Hr-Anneal	1.0473	1.0483	0.001
1043	100	Unbiased-168Hr-Anneal	1.0494	1.0492	-0.0002
1044	100	Unbiased-168Hr-Anneal	1.0531	1.0543	0.0012
1045	100	Biased-168Hr-Anneal	1.0497	1.0502	0.0005
1046	100	Biased-168Hr-Anneal	1.0465	1.0454	-0.0011
1047	100	Biased-168Hr-Anneal	1.041	1.0386	-0.0024
1048	100	Biased-168Hr-Anneal	1.0536	1.0523	-0.0013
1049	100	Biased-168Hr-Anneal	1.0475	1.0446	-0.0029

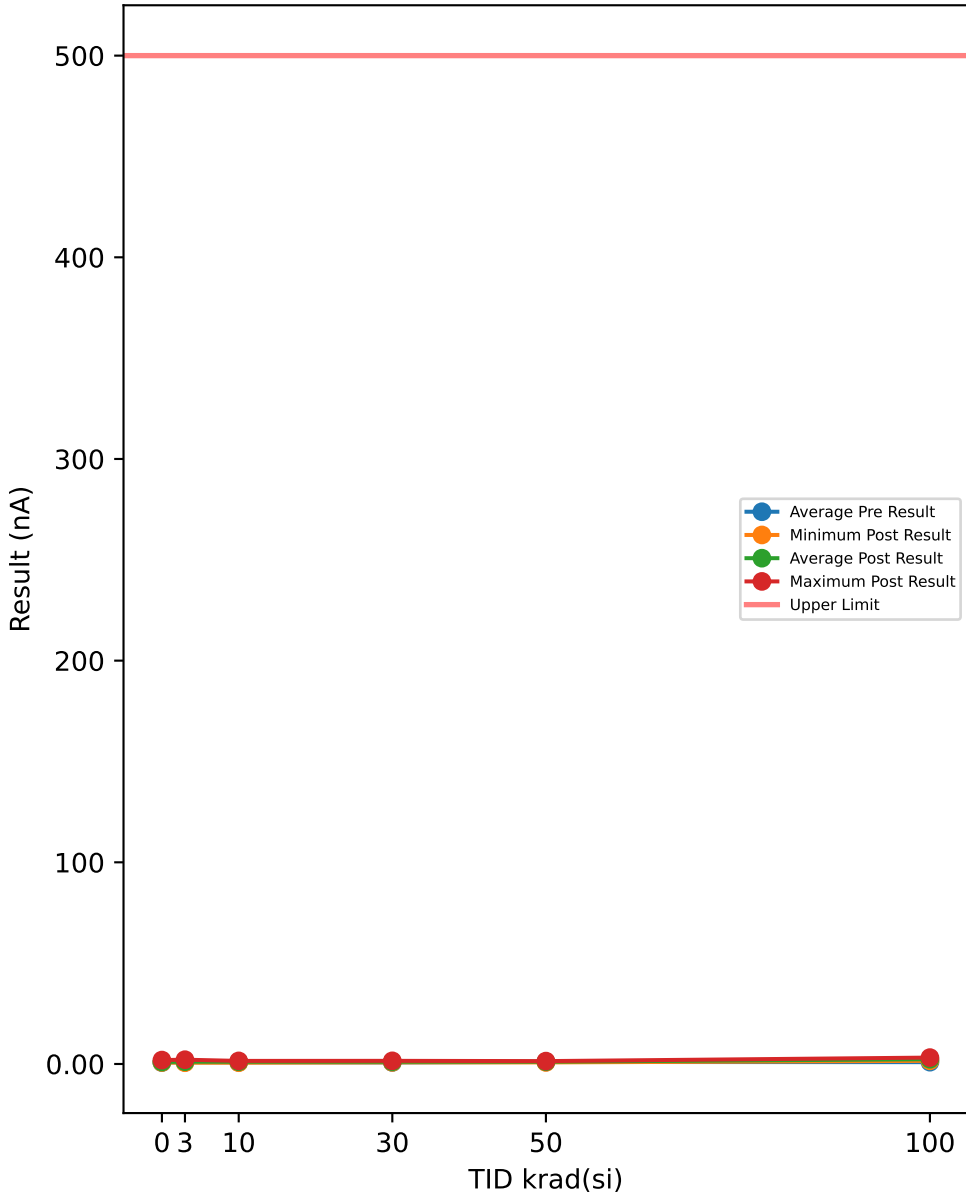
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.0462	1.0524	1.0582	0.0047513	1.0458	1.0521	1.0583	0.0049513	-0.0025	-0.0003	0.0026	0.0018815
3	1.0438	1.0487	1.0535	0.0036222	1.0438	1.0484	1.0532	0.0033705	-0.0014	-0.0003	0.0006	0.00059442
10	1.0421	1.0488	1.0553	0.0043865	1.0421	1.0485	1.0551	0.0044025	-0.0011	-0.00025	0.0003	0.00039229
30	1.038	1.0482	1.0532	0.005154	1.0378	1.0478	1.0536	0.0051183	-0.0018	-0.0004	0.001	0.00085635
50	1.041	1.0497	1.0578	0.0054537	1.0412	1.0494	1.0591	0.0054628	-0.0019	-0.00028	0.0015	0.0010141
100	1.041	1.0486	1.0536	0.0035362	1.0386	1.0482	1.0543	0.0044282	-0.0029	-0.00043	0.0016	0.0015276

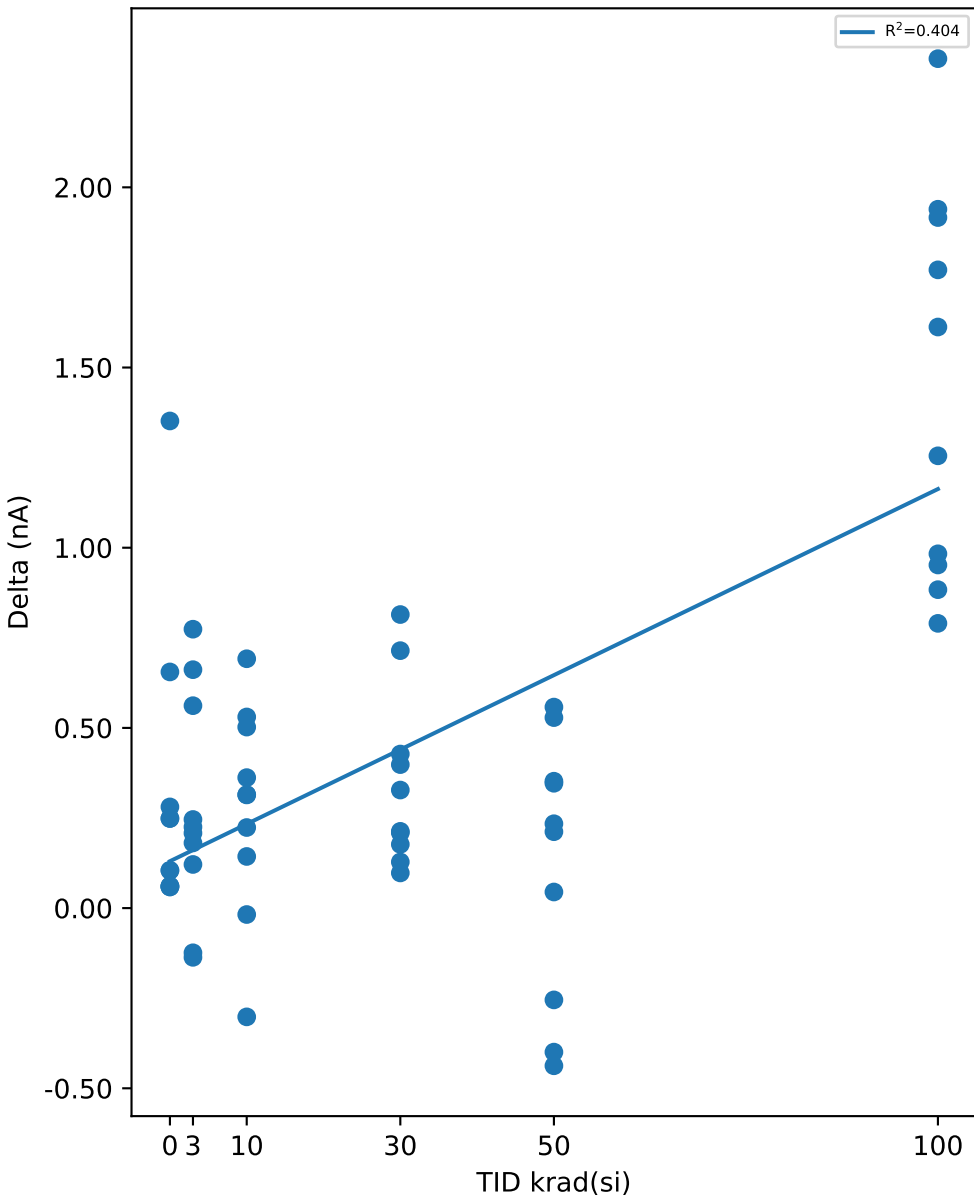
TID vs Result Stats



Test Results (Upper Limit = 500.0 (nA))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.5879	1.9396	1.3517
516	0	CORRELATION	0.6723	0.9531	0.2808
721	0	CORRELATION	0.8345	1.4898	0.6553
723	0	CORRELATION	0.7608	1.0096	0.2488
729	0	CORRELATION	0.6612	0.72	0.0588
1000	3	Unbiased	0.7315	1.3931	0.6616
1001	3	Unbiased	0.6612	0.8692	0.208
1002	3	Unbiased	0.6004	0.7813	0.1809
1003	3	Unbiased	0.8035	0.6669	-0.1366
1004	3	Unbiased	0.7377	0.9628	0.2251
1005	3	Biased	0.8074	1.0533	0.2459
1006	3	Biased	1.565	2.1267	0.5617
1007	3	Biased	0.9287	1.0498	0.1211
1008	3	Biased	0.7504	0.6264	-0.124
1009	3	Biased	1.0843	1.8582	0.7739
1010	10	Unbiased	0.8534	1.2155	0.3621
1011	10	Unbiased	1.1002	1.415	0.3148
1012	10	Unbiased	0.8439	0.8261	-0.0178
1013	10	Unbiased	0.769	1.2994	0.5304
1014	10	Unbiased	0.6799	0.9035	0.2236
1015	10	Biased	0.6861	1.0002	0.3141
1016	10	Biased	0.9344	0.6326	-0.3018
1017	10	Biased	0.8354	1.5273	0.6919
1018	10	Biased	0.7785	0.9218	0.1433
1019	10	Biased	0.7908	1.2931	0.5023
1020	30	Unbiased	0.897	1.2246	0.3276
1021	30	Unbiased	0.7221	1.5367	0.8146
1022	30	Unbiased	0.7004	0.798	0.0976
1023	30	Unbiased	0.6909	0.9039	0.213
1024	30	Unbiased	0.7919	0.9688	0.1769
1025	30	Biased	0.8441	1.5585	0.7144
1026	30	Biased	0.7502	1.1777	0.4275
1027	30	Biased	0.6145	1.0127	0.3982
1028	30	Biased	0.8628	1.0718	0.209
1029	30	Biased	0.7565	0.8845	0.128
1030	50	Unbiased	0.8534	1.1998	0.3464
1031	50	Unbiased	0.8252	1.0593	0.2341
1032	50	Unbiased	0.8002	1.358	0.5578
1033	50	Unbiased	0.8976	1.2497	0.3521
1034	50	Unbiased	1.2157	1.4277	0.212
1035	50	Biased-84Hr-Anneal	1.1697	0.7701	-0.3996
1036	50	Biased-84Hr-Anneal	0.9334	0.9781	0.0447
1037	50	Biased-84Hr-Anneal	1.3289	0.8914	-0.4375
1038	50	Biased-84Hr-Anneal	0.7867	1.3153	0.5286
1039	50	Biased-84Hr-Anneal	1.3234	1.0687	-0.2547
1040	100	Unbiased-168Hr-Anneal	0.8314	1.7835	0.9521
1041	100	Unbiased-168Hr-Anneal	0.9877	1.8713	0.8836
1042	100	Unbiased-168Hr-Anneal	0.9284	1.9115	0.9831
1043	100	Unbiased-168Hr-Anneal	0.7639	1.554	0.7901
1044	100	Unbiased-168Hr-Anneal	0.5879	1.8429	1.255
1045	100	Biased-168Hr-Anneal	0.7244	3.0814	2.357
1046	100	Biased-168Hr-Anneal	1.2294	3.1686	1.9392
1047	100	Biased-168Hr-Anneal	0.4435	2.3597	1.9162
1048	100	Biased-168Hr-Anneal	1.2575	2.8699	1.6124
1049	100	Biased-168Hr-Anneal	1.2669	3.0379	1.771

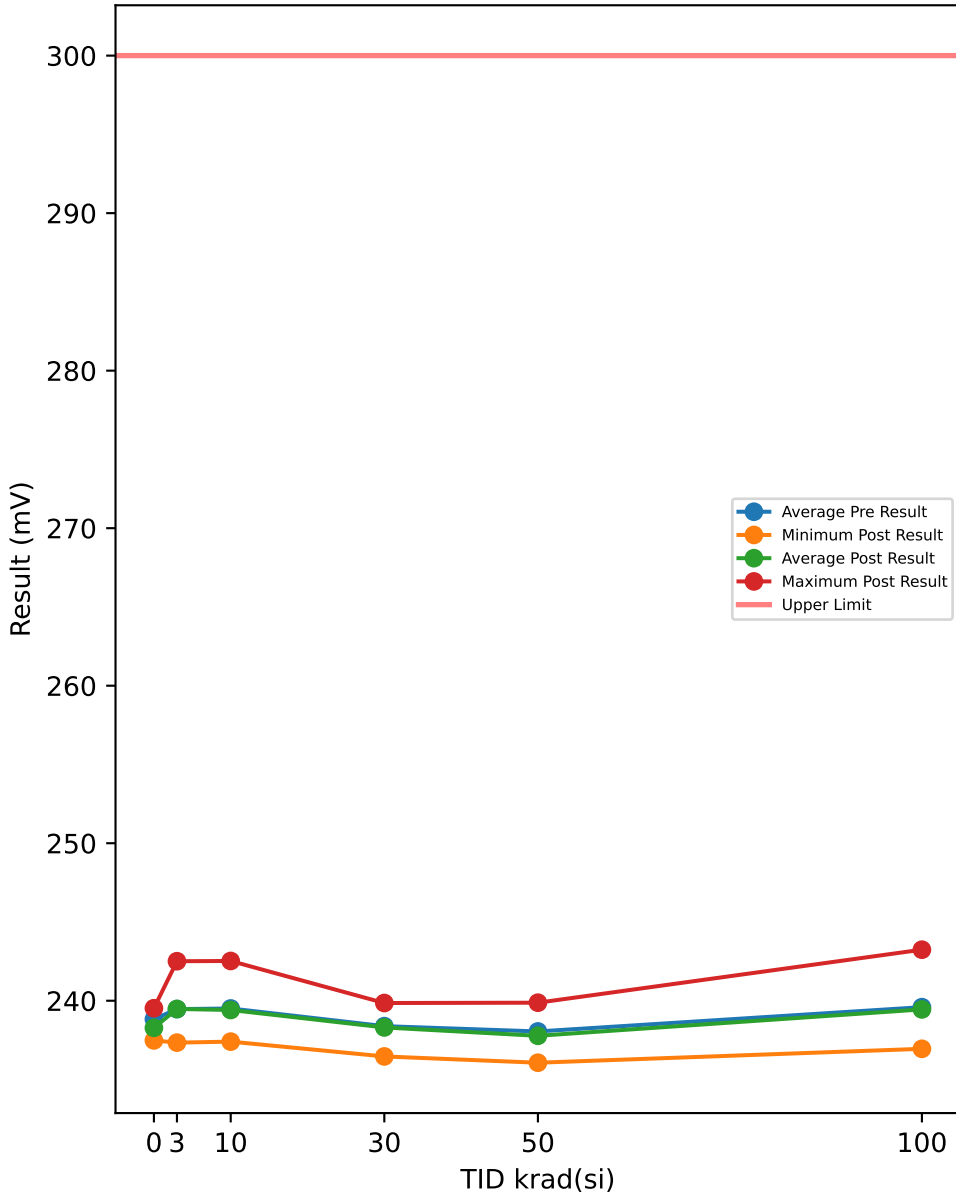
TID vs Post - Pre Exposure Delta



Test Statistics (nA)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.5879	0.70334	0.8345	0.095617	0.72	1.2224	1.9396	0.4889	0.0588	0.51908	1.3517	0.5132
3	0.6004	0.86701	1.565	0.28046	0.6264	1.1388	2.1267	0.50444	-0.1366	0.27176	0.7739	0.30722
10	0.6799	0.82716	1.1002	0.12281	0.6326	1.1035	1.5273	0.28788	-0.3018	0.27629	0.6919	0.28671
30	0.6145	0.76304	0.897	0.087163	0.798	1.1137	1.5585	0.26296	0.0976	0.35068	0.8146	0.24474
50	0.7867	1.0134	1.3289	0.22077	0.7701	1.1318	1.4277	0.21406	-0.4375	0.11839	0.5578	0.36698
100	0.4435	0.9021	1.2669	0.2866	1.554	2.3481	3.1686	0.63085	0.7901	1.446	2.357	0.54454

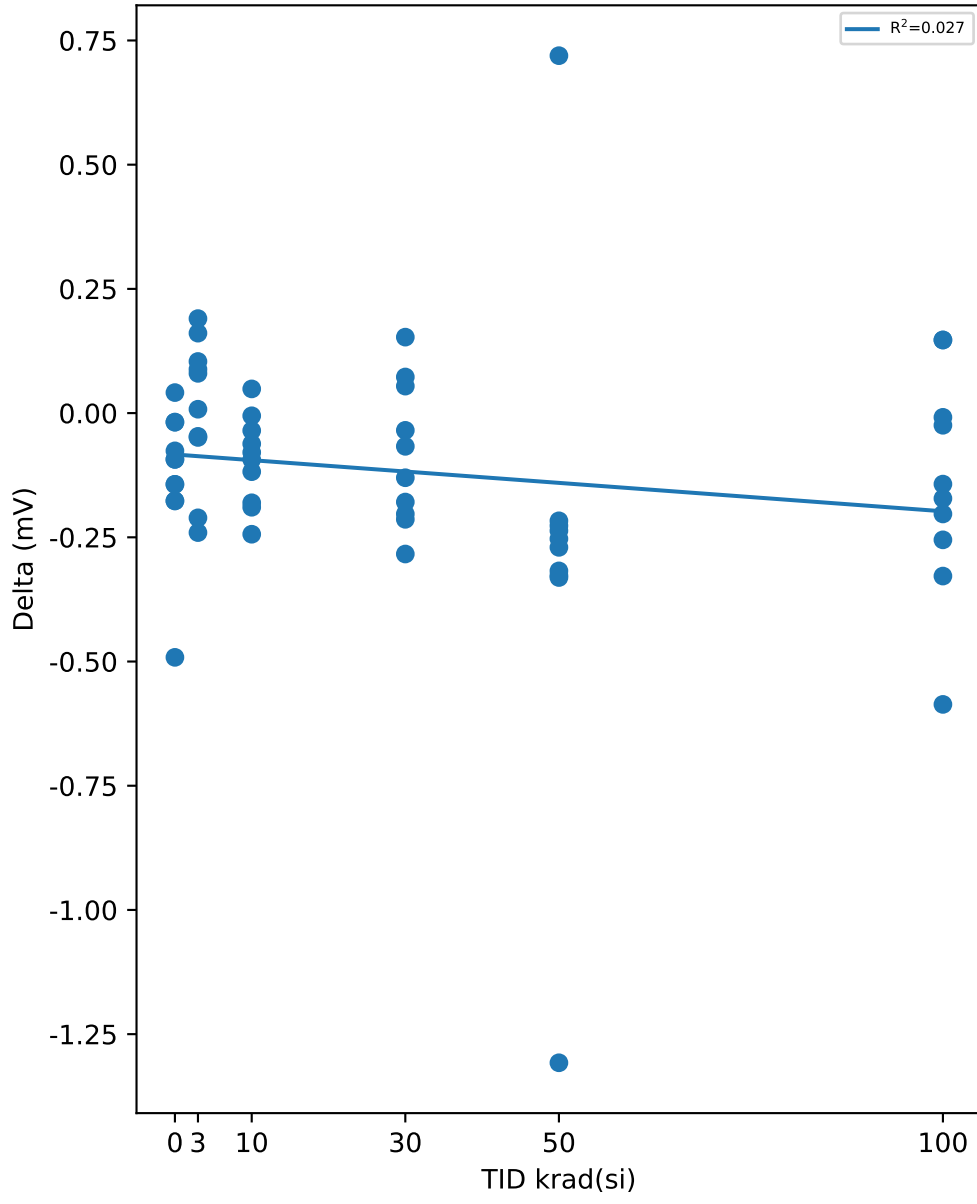
TID vs Result Stats



Test Results (Upper Limit = 300.0 (mV))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	240.02	239.52	-0.4916
516	0	CORRELATION	238.95	238.88	-0.076
721	0	CORRELATION	239.06	239.11	0.0413
723	0	CORRELATION	237.58	237.48	-0.0931
729	0	CORRELATION	238.53	238.35	-0.1767
1000	3	Unbiased	238.7	238.79	0.0882
1001	3	Unbiased	242.56	242.51	-0.049
1002	3	Unbiased	240.34	240.51	0.1609
1003	3	Unbiased	241	241.01	0.0078
1004	3	Unbiased	238.62	238.81	0.1902
1005	3	Biased	238.65	238.61	-0.0468
1006	3	Biased	238.2	238.31	0.1039
1007	3	Biased	237.97	237.73	-0.2405
1008	3	Biased	241.39	241.18	-0.2108
1009	3	Biased	237.26	237.34	0.08
1010	10	Unbiased	242.56	242.52	-0.0352
1011	10	Unbiased	242.09	241.97	-0.1179
1012	10	Unbiased	239.56	239.37	-0.1895
1013	10	Unbiased	238.24	238.23	-0.0054
1014	10	Unbiased	237.47	237.4	-0.0618
1015	10	Biased	238.34	238.25	-0.0935
1016	10	Biased	239.28	239.04	-0.2438
1017	10	Biased	238.7	238.62	-0.0791
1018	10	Biased	240.58	240.4	-0.1805
1019	10	Biased	238.28	238.32	0.0487
1020	30	Unbiased	239.63	239.79	0.1529
1021	30	Unbiased	238.39	238.46	0.0727
1022	30	Unbiased	237.89	237.71	-0.179
1023	30	Unbiased	239.92	239.86	-0.0669
1024	30	Unbiased	237.39	237.1	-0.2836
1025	30	Biased	239.3	239.26	-0.0347
1026	30	Biased	238.39	238.18	-0.2138
1027	30	Biased	237.4	237.2	-0.203
1028	30	Biased	236.59	236.46	-0.1301
1029	30	Biased	238.96	239.02	0.0543
1030	50	Unbiased	237.06	236.75	-0.3176
1031	50	Unbiased	240.1	239.88	-0.2266
1032	50	Unbiased	236.63	236.36	-0.2702
1033	50	Unbiased	236.98	236.75	-0.2367
1034	50	Unbiased	236.28	236.07	-0.2168
1035	50	Biased-84Hr-Anneal	238.56	238.23	-0.3309
1036	50	Biased-84Hr-Anneal	238.88	238.56	-0.3267
1037	50	Biased-84Hr-Anneal	238.05	237.79	-0.253
1038	50	Biased-84Hr-Anneal	238.43	239.15	0.7194
1039	50	Biased-84Hr-Anneal	239.53	238.22	-1.3076
1040	100	Unbiased-168Hr-Anneal	243.41	243.24	-0.1718
1041	100	Unbiased-168Hr-Anneal	239.76	239.62	-0.1429
1042	100	Unbiased-168Hr-Anneal	237.2	236.95	-0.2551
1043	100	Unbiased-168Hr-Anneal	239.18	238.98	-0.203
1044	100	Unbiased-168Hr-Anneal	238.61	238.28	-0.328
1045	100	Biased-168Hr-Anneal	238.71	238.86	0.1471
1046	100	Biased-168Hr-Anneal	237.8	237.95	0.1472
1047	100	Biased-168Hr-Anneal	239.35	239.32	-0.0245
1048	100	Biased-168Hr-Anneal	241.41	240.82	-0.5863
1049	100	Biased-168Hr-Anneal	240.47	240.47	-0.0085

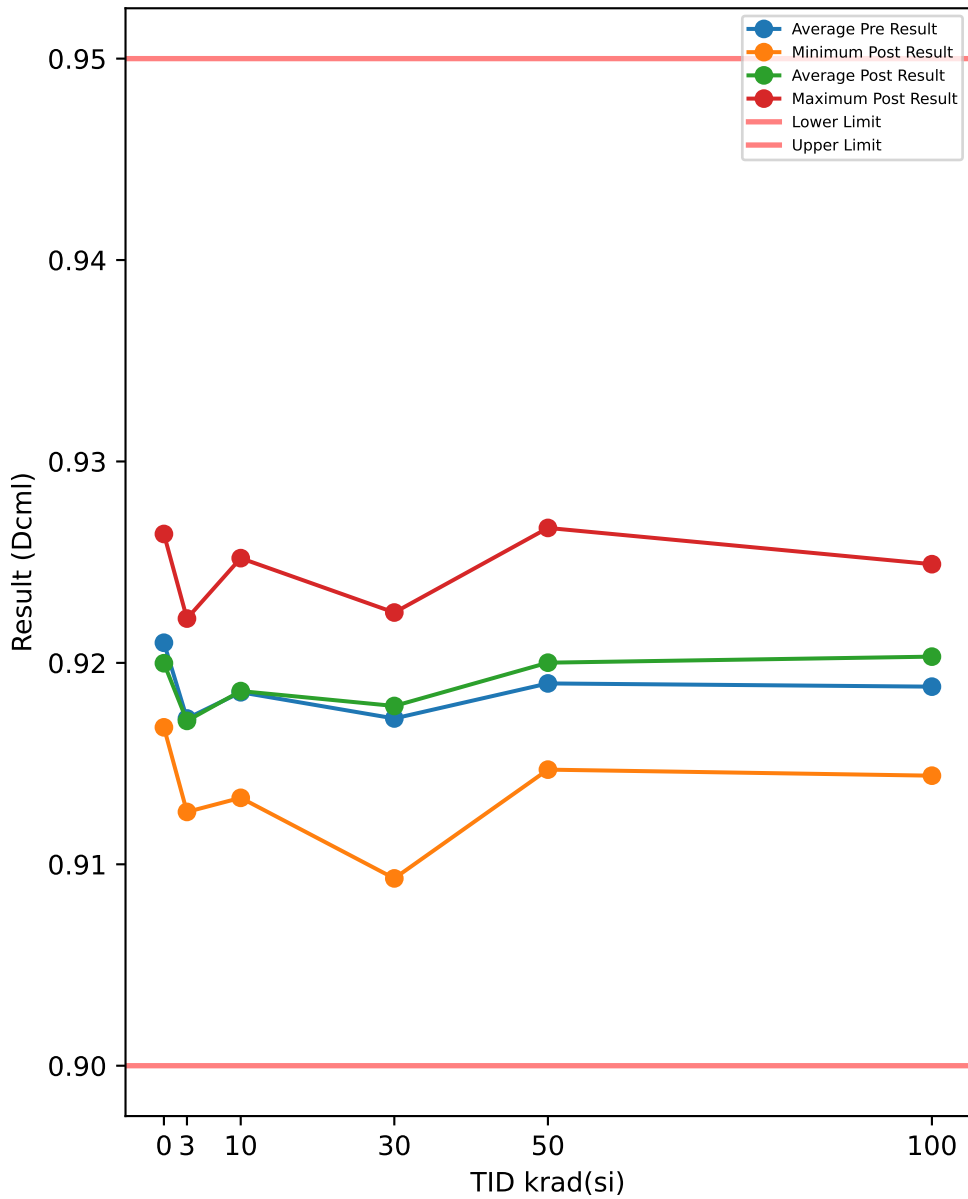
TID vs Post - Pre Exposure Delta



Test Statistics (mV)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	237.58	238.83	240.02	0.88628	237.48	238.67	239.52	0.7865	-0.4916	-0.15922	0.0413	0.20142
3	237.26	239.47	242.56	1.7332	237.34	239.48	242.51	1.7045	-0.2405	0.00839	0.1902	0.14654
10	237.47	239.51	242.56	1.716	237.4	239.41	242.52	1.698	-0.2438	-0.0958	0.0487	0.08976
30	236.59	238.39	239.92	1.0799	236.46	238.3	239.86	1.1769	-0.2836	-0.08312	0.1529	0.14319
50	236.28	238.05	240.1	1.2808	236.07	237.77	239.88	1.2639	-1.3076	-0.27667	0.7194	0.47963
100	237.2	239.59	243.41	1.8131	236.95	239.45	243.24	1.7568	-0.5863	-0.14258	0.1472	0.22317

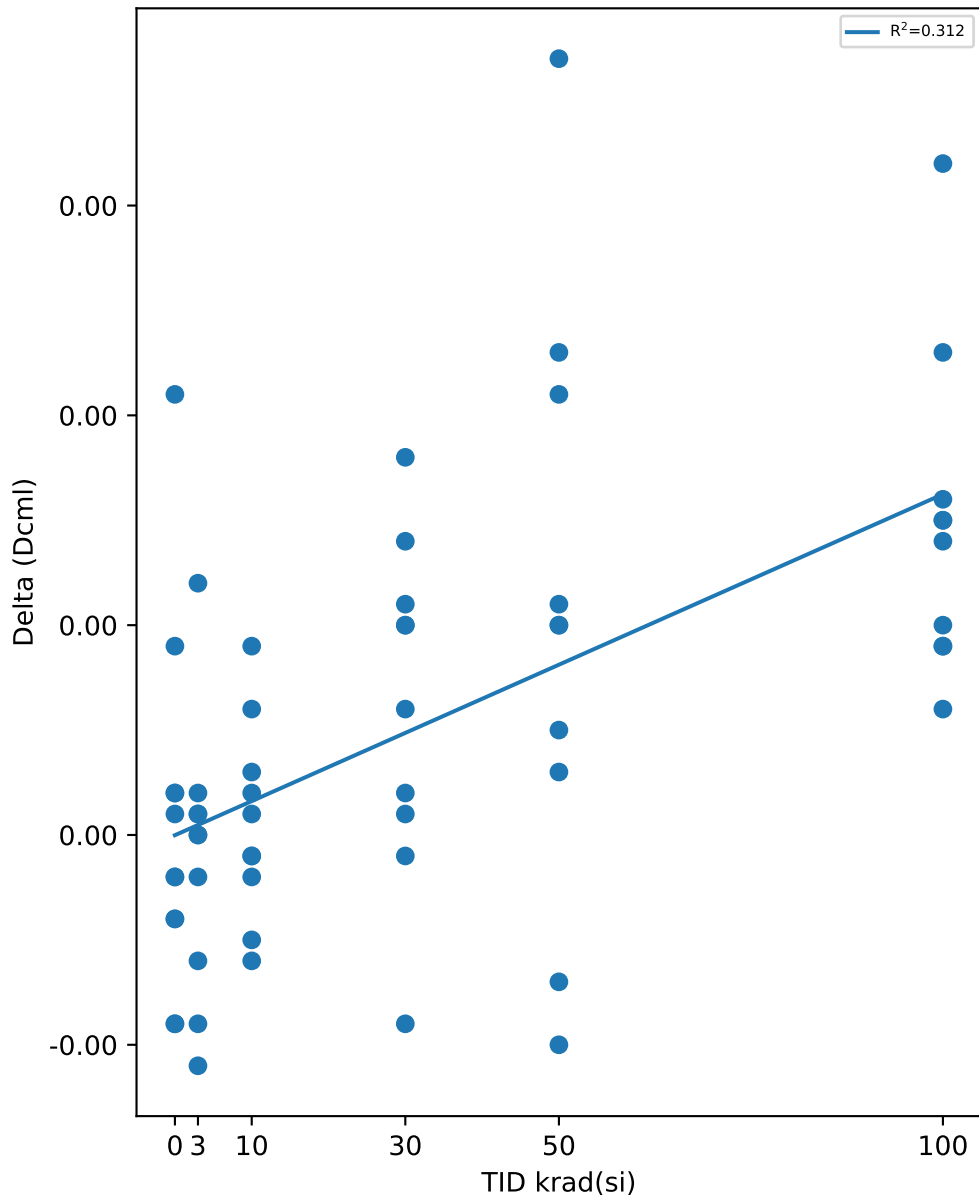
TID vs Result Stats



Test Results (Lower Limit = 0.9, Upper Limit = 0.95 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.9255	0.9264	0.0009
516	0	CORRELATION	0.924	0.9261	0.0021
721	0	CORRELATION	0.9174	0.9175	0.0001
723	0	CORRELATION	0.9172	0.917	-0.0002
729	0	CORRELATION	0.9209	0.92	-0.0009
1000	3	Unbiased	0.9174	0.9174	0
1001	3	Unbiased	0.9192	0.9194	0.0002
1002	3	Unbiased	0.9221	0.9222	0.0001
1003	3	Unbiased	0.9161	0.9155	-0.0006
1004	3	Unbiased	0.9134	0.9146	0.0012
1005	3	Biased	0.9156	0.9154	-0.0002
1006	3	Biased	0.9126	0.9126	0
1007	3	Biased	0.9208	0.9197	-0.0011
1008	3	Biased	0.9212	0.9203	-0.0009
1009	3	Biased	0.914	0.9141	0.0001
1010	10	Unbiased	0.9152	0.9161	0.0009
1011	10	Unbiased	0.913	0.9133	0.0003
1012	10	Unbiased	0.9171	0.9165	-0.0006
1013	10	Unbiased	0.9214	0.9212	-0.0002
1014	10	Unbiased	0.9204	0.9203	-0.0001
1015	10	Biased	0.9184	0.919	0.0006
1016	10	Biased	0.9144	0.9139	-0.0005
1017	10	Biased	0.9173	0.9174	0.0001
1018	10	Biased	0.9253	0.9252	-0.0001
1019	10	Biased	0.9229	0.9231	0.0002
1020	30	Unbiased	0.9143	0.9142	-0.0001
1021	30	Unbiased	0.9153	0.9167	0.0014
1022	30	Unbiased	0.9213	0.9204	-0.0009
1023	30	Unbiased	0.9198	0.9204	0.0006
1024	30	Unbiased	0.9214	0.9225	0.0011
1025	30	Biased	0.9209	0.921	0.0001
1026	30	Biased	0.9193	0.9195	0.0002
1027	30	Biased	0.9105	0.9123	0.0018
1028	30	Biased	0.9213	0.9223	0.001
1029	30	Biased	0.9083	0.9093	0.001
1030	50	Unbiased	0.9173	0.9183	0.001
1031	50	Unbiased	0.9217	0.924	0.0023
1032	50	Unbiased	0.9144	0.9147	0.0003
1033	50	Unbiased	0.9154	0.9175	0.0021
1034	50	Unbiased	0.917	0.9175	0.0005
1035	50	Biased-84Hr-Anneal	0.9221	0.9214	-0.0007
1036	50	Biased-84Hr-Anneal	0.9192	0.9203	0.0011
1037	50	Biased-84Hr-Anneal	0.9142	0.9152	0.001
1038	50	Biased-84Hr-Anneal	0.9255	0.9245	-0.001
1039	50	Biased-84Hr-Anneal	0.923	0.9267	0.0037
1040	100	Unbiased-168Hr-Anneal	0.9187	0.9202	0.0015
1041	100	Unbiased-168Hr-Anneal	0.9172	0.9187	0.0015
1042	100	Unbiased-168Hr-Anneal	0.9185	0.9217	0.0032
1043	100	Unbiased-168Hr-Anneal	0.9196	0.9205	0.0009
1044	100	Unbiased-168Hr-Anneal	0.9221	0.9244	0.0023
1045	100	Biased-168Hr-Anneal	0.9188	0.9204	0.0016
1046	100	Biased-168Hr-Anneal	0.9193	0.9199	0.0006
1047	100	Biased-168Hr-Anneal	0.913	0.9144	0.0014
1048	100	Biased-168Hr-Anneal	0.9239	0.9249	0.001
1049	100	Biased-168Hr-Anneal	0.9171	0.918	0.0009

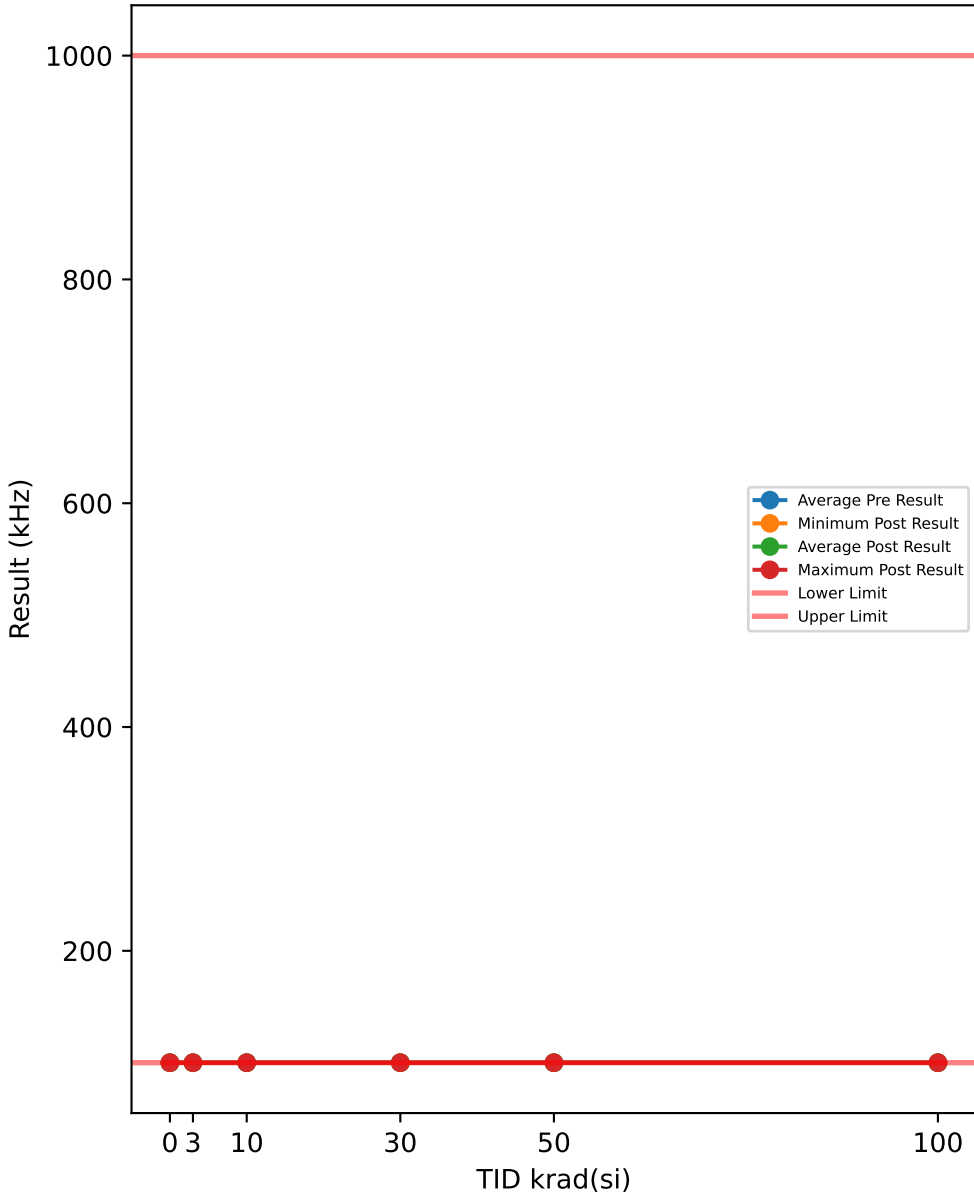
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.9172	0.921	0.9255	0.0037636	0.917	0.9214	0.9264	0.0045722	-0.0009	0.0004	0.0021	0.0011489
3	0.9126	0.91724	0.9221	0.0034416	0.9126	0.91712	0.9222	0.0031506	-0.0011	-0.00012	0.0012	0.00064773
10	0.913	0.91854	0.9253	0.0039294	0.9133	0.9186	0.9252	0.0038859	-0.0006	6e-05	0.0009	0.00046476
30	0.9083	0.91724	0.9214	0.004856	0.9093	0.91786	0.9225	0.0045415	-0.0009	0.00062	0.0018	0.0008025
50	0.9142	0.91898	0.9255	0.0039333	0.9147	0.92001	0.9267	0.0040785	-0.001	0.00103	0.0037	0.0014072
100	0.913	0.91882	0.9239	0.0029245	0.9144	0.92031	0.9249	0.0030333	0.0006	0.00149	0.0032	0.00076949

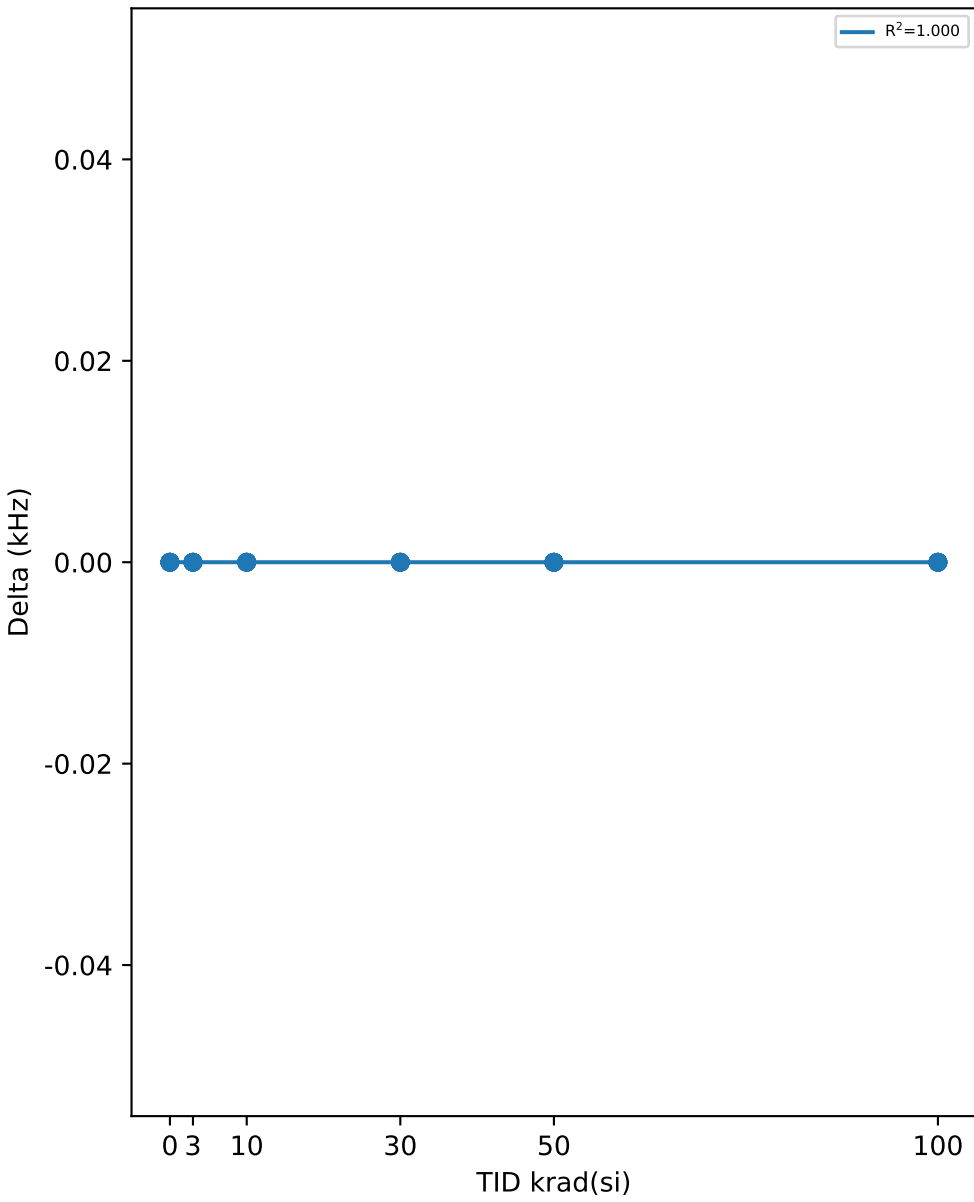
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	100	100	0
516	0	CORRELATION	100	100	0
721	0	CORRELATION	100	100	0
723	0	CORRELATION	100	100	0
729	0	CORRELATION	100	100	0
1000	3	Unbiased	100	100	0
1001	3	Unbiased	100	100	0
1002	3	Unbiased	100	100	0
1003	3	Unbiased	100	100	0
1004	3	Unbiased	100	100	0
1005	3	Biased	100	100	0
1006	3	Biased	100	100	0
1007	3	Biased	100	100	0
1008	3	Biased	100	100	0
1009	3	Biased	100	100	0
1010	10	Unbiased	100	100	0
1011	10	Unbiased	100	100	0
1012	10	Unbiased	100	100	0
1013	10	Unbiased	100	100	0
1014	10	Unbiased	100	100	0
1015	10	Biased	100	100	0
1016	10	Biased	100	100	0
1017	10	Biased	100	100	0
1018	10	Biased	100	100	0
1019	10	Biased	100	100	0
1020	30	Unbiased	100	100	0
1021	30	Unbiased	100	100	0
1022	30	Unbiased	100	100	0
1023	30	Unbiased	100	100	0
1024	30	Unbiased	100	100	0
1025	30	Biased	100	100	0
1026	30	Biased	100	100	0
1027	30	Biased	100	100	0
1028	30	Biased	100	100	0
1029	30	Biased	100	100	0
1030	50	Unbiased	100	100	0
1031	50	Unbiased	100	100	0
1032	50	Unbiased	100	100	0
1033	50	Unbiased	100	100	0
1034	50	Unbiased	100	100	0
1035	50	Biased-84Hr-Anneal	100	100	0
1036	50	Biased-84Hr-Anneal	100	100	0
1037	50	Biased-84Hr-Anneal	100	100	0
1038	50	Biased-84Hr-Anneal	100	100	0
1039	50	Biased-84Hr-Anneal	100	100	0
1040	100	Unbiased-168Hr-Anneal	100	100	0
1041	100	Unbiased-168Hr-Anneal	100	100	0
1042	100	Unbiased-168Hr-Anneal	100	100	0
1043	100	Unbiased-168Hr-Anneal	100	100	0
1044	100	Unbiased-168Hr-Anneal	100	100	0
1045	100	Biased-168Hr-Anneal	100	100	0
1046	100	Biased-168Hr-Anneal	100	100	0
1047	100	Biased-168Hr-Anneal	100	100	0
1048	100	Biased-168Hr-Anneal	100	100	0
1049	100	Biased-168Hr-Anneal	100	100	0

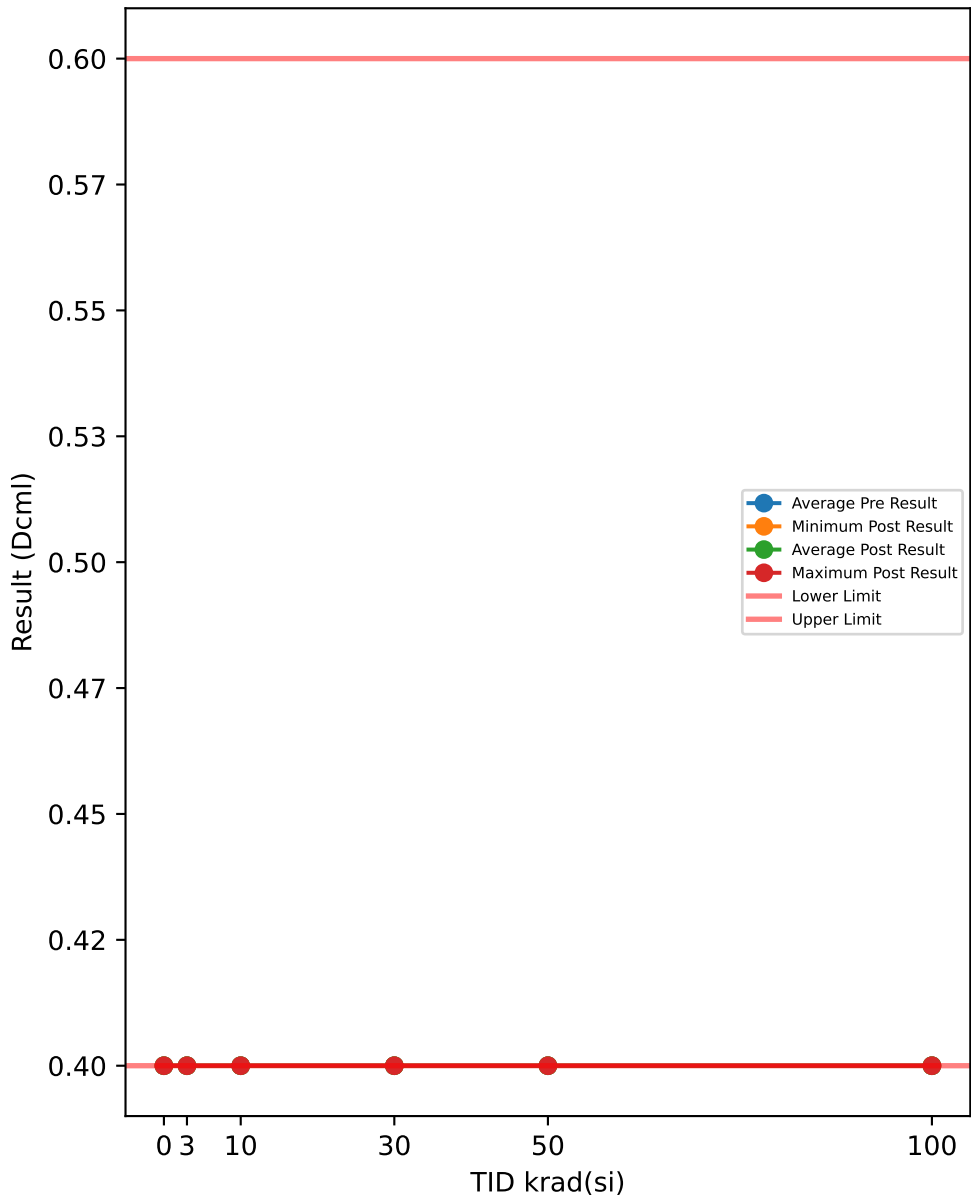
TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100	100	100	0	100	100	100	0	0	0	0	0
3	100	100	100	0	100	100	100	0	0	0	0	0
10	100	100	100	0	100	100	100	0	0	0	0	0
30	100	100	100	0	100	100	100	0	0	0	0	0
50	100	100	100	0	100	100	100	0	0	0	0	0
100	100	100	100	0	100	100	100	0	0	0	0	0

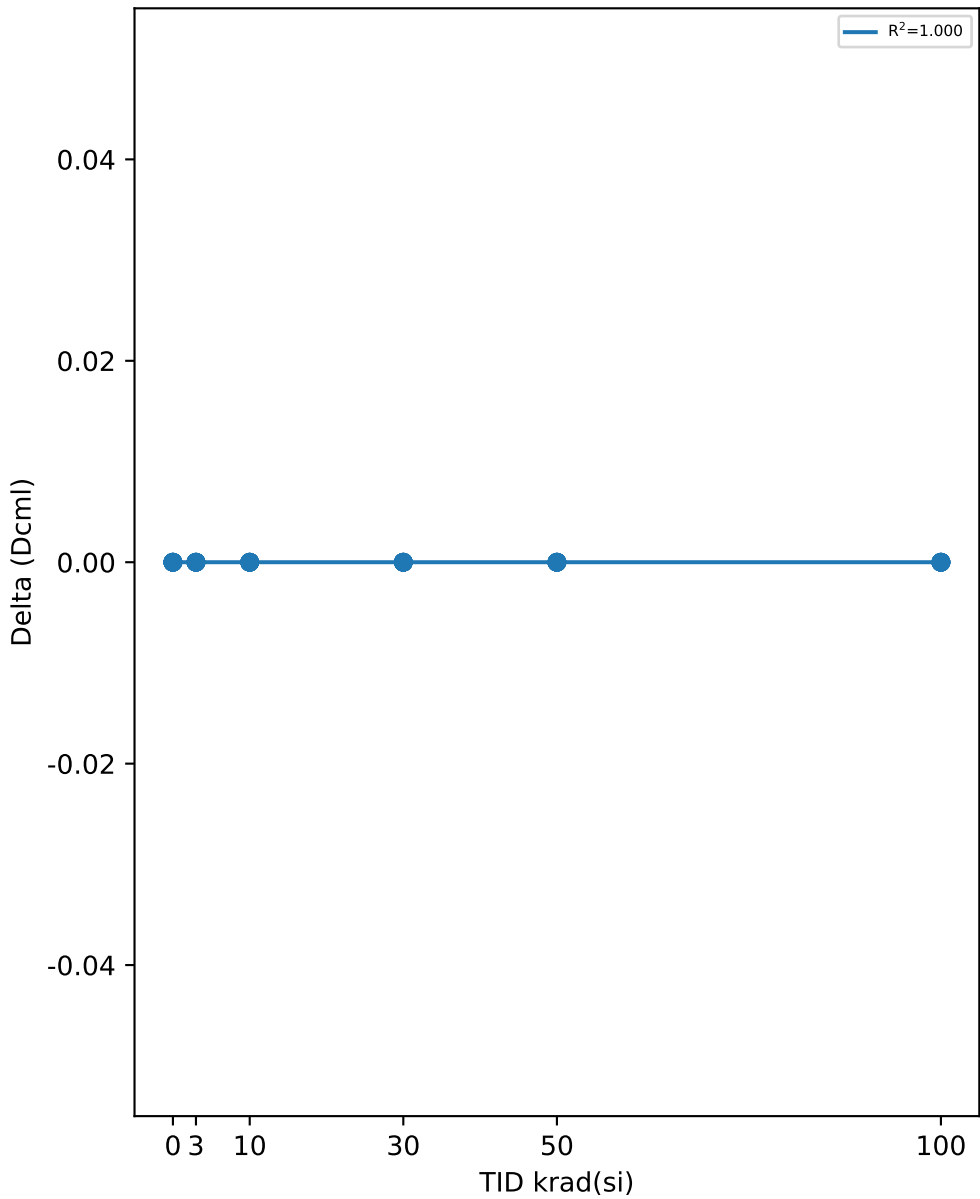
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4	0.4	0
516	0	CORRELATION	0.4	0.4	0
721	0	CORRELATION	0.4	0.4	0
723	0	CORRELATION	0.4	0.4	0
729	0	CORRELATION	0.4	0.4	0
1000	3	Unbiased	0.4	0.4	0
1001	3	Unbiased	0.4	0.4	0
1002	3	Unbiased	0.4	0.4	0
1003	3	Unbiased	0.4	0.4	0
1004	3	Unbiased	0.4	0.4	0
1005	3	Biased	0.4	0.4	0
1006	3	Biased	0.4	0.4	0
1007	3	Biased	0.4	0.4	0
1008	3	Biased	0.4	0.4	0
1009	3	Biased	0.4	0.4	0
1010	10	Unbiased	0.4	0.4	0
1011	10	Unbiased	0.4	0.4	0
1012	10	Unbiased	0.4	0.4	0
1013	10	Unbiased	0.4	0.4	0
1014	10	Unbiased	0.4	0.4	0
1015	10	Biased	0.4	0.4	0
1016	10	Biased	0.4	0.4	0
1017	10	Biased	0.4	0.4	0
1018	10	Biased	0.4	0.4	0
1019	10	Biased	0.4	0.4	0
1020	30	Unbiased	0.4	0.4	0
1021	30	Unbiased	0.4	0.4	0
1022	30	Unbiased	0.4	0.4	0
1023	30	Unbiased	0.4	0.4	0
1024	30	Unbiased	0.4	0.4	0
1025	30	Biased	0.4	0.4	0
1026	30	Biased	0.4	0.4	0
1027	30	Biased	0.4	0.4	0
1028	30	Biased	0.4	0.4	0
1029	30	Biased	0.4	0.4	0
1030	50	Unbiased	0.4	0.4	0
1031	50	Unbiased	0.4	0.4	0
1032	50	Unbiased	0.4	0.4	0
1033	50	Unbiased	0.4	0.4	0
1034	50	Unbiased	0.4	0.4	0
1035	50	Biased-84Hr-Anneal	0.4	0.4	0
1036	50	Biased-84Hr-Anneal	0.4	0.4	0
1037	50	Biased-84Hr-Anneal	0.4	0.4	0
1038	50	Biased-84Hr-Anneal	0.4	0.4	0
1039	50	Biased-84Hr-Anneal	0.4	0.4	0
1040	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1041	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1042	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1043	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1044	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1045	100	Biased-168Hr-Anneal	0.4	0.4	0
1046	100	Biased-168Hr-Anneal	0.4	0.4	0
1047	100	Biased-168Hr-Anneal	0.4	0.4	0
1048	100	Biased-168Hr-Anneal	0.4	0.4	0
1049	100	Biased-168Hr-Anneal	0.4	0.4	0

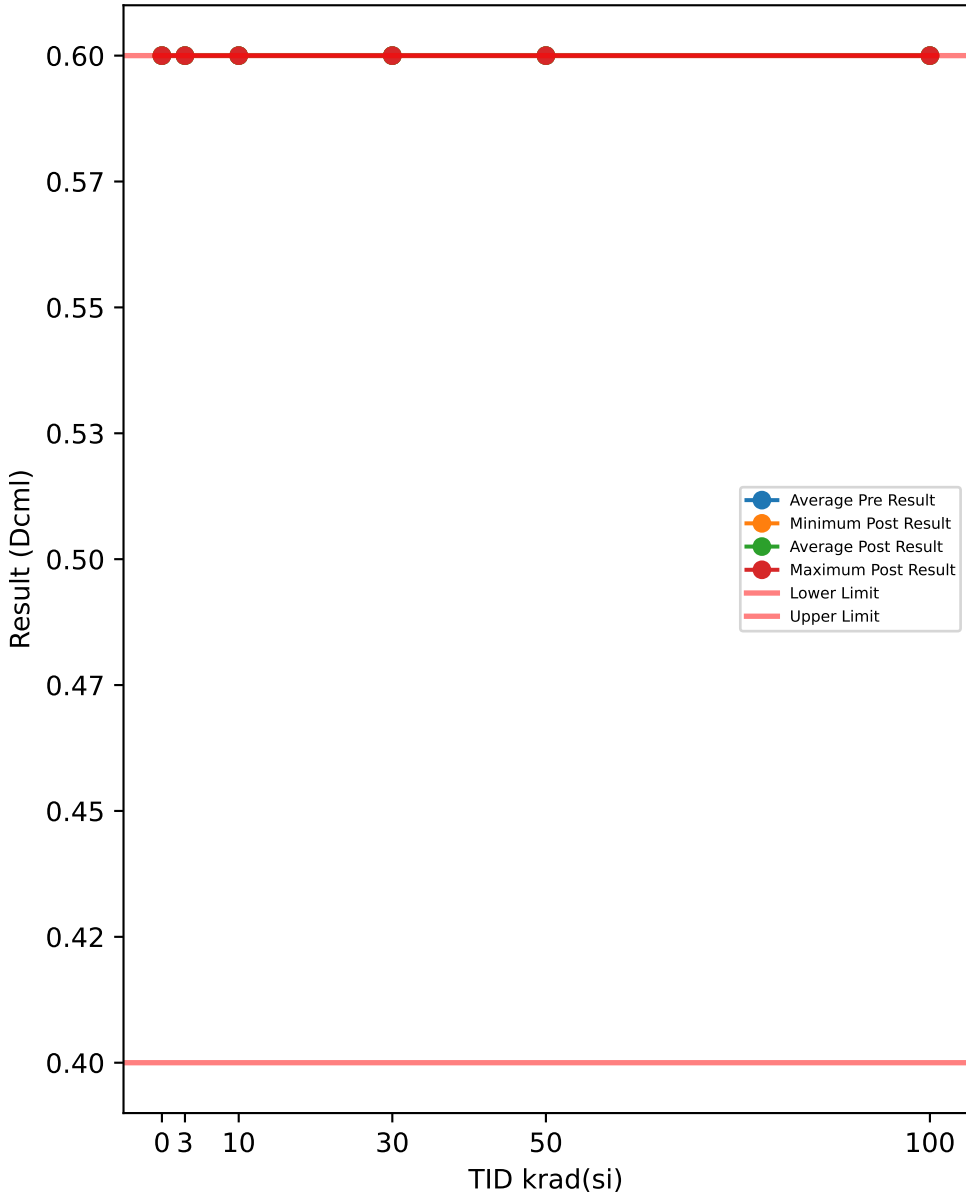
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
3	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
10	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
30	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
50	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
100	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0

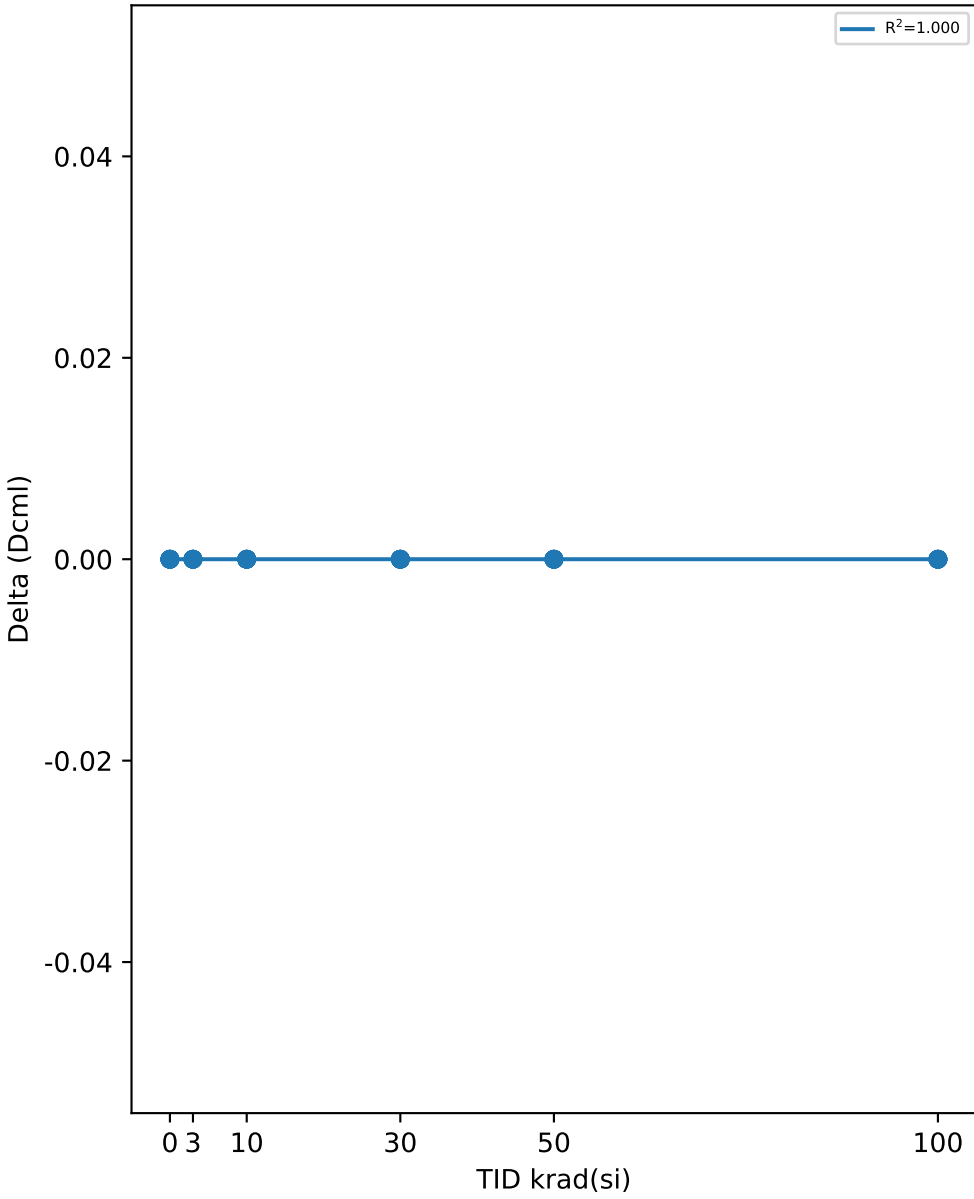
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6	0.6	0
516	0	CORRELATION	0.6	0.6	0
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6	0.6	0
729	0	CORRELATION	0.6	0.6	0
1000	3	Unbiased	0.6	0.6	0
1001	3	Unbiased	0.6	0.6	0
1002	3	Unbiased	0.6	0.6	0
1003	3	Unbiased	0.6	0.6	0
1004	3	Unbiased	0.6	0.6	0
1005	3	Biased	0.6	0.6	0
1006	3	Biased	0.6	0.6	0
1007	3	Biased	0.6	0.6	0
1008	3	Biased	0.6	0.6	0
1009	3	Biased	0.6	0.6	0
1010	10	Unbiased	0.6	0.6	0
1011	10	Unbiased	0.6	0.6	0
1012	10	Unbiased	0.6	0.6	0
1013	10	Unbiased	0.6	0.6	0
1014	10	Unbiased	0.6	0.6	0
1015	10	Biased	0.6	0.6	0
1016	10	Biased	0.6	0.6	0
1017	10	Biased	0.6	0.6	0
1018	10	Biased	0.6	0.6	0
1019	10	Biased	0.6	0.6	0
1020	30	Unbiased	0.6	0.6	0
1021	30	Unbiased	0.6	0.6	0
1022	30	Unbiased	0.6	0.6	0
1023	30	Unbiased	0.6	0.6	0
1024	30	Unbiased	0.6	0.6	0
1025	30	Biased	0.6	0.6	0
1026	30	Biased	0.6	0.6	0
1027	30	Biased	0.6	0.6	0
1028	30	Biased	0.6	0.6	0
1029	30	Biased	0.6	0.6	0
1030	50	Unbiased	0.6	0.6	0
1031	50	Unbiased	0.6	0.6	0
1032	50	Unbiased	0.6	0.6	0
1033	50	Unbiased	0.6	0.6	0
1034	50	Unbiased	0.6	0.6	0
1035	50	Biased-84Hr-Anneal	0.6	0.6	0
1036	50	Biased-84Hr-Anneal	0.6	0.6	0
1037	50	Biased-84Hr-Anneal	0.6	0.6	0
1038	50	Biased-84Hr-Anneal	0.6	0.6	0
1039	50	Biased-84Hr-Anneal	0.6	0.6	0
1040	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1041	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1042	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1043	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1044	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1045	100	Biased-168Hr-Anneal	0.6	0.6	0
1046	100	Biased-168Hr-Anneal	0.6	0.6	0
1047	100	Biased-168Hr-Anneal	0.6	0.6	0
1048	100	Biased-168Hr-Anneal	0.6	0.6	0
1049	100	Biased-168Hr-Anneal	0.6	0.6	0

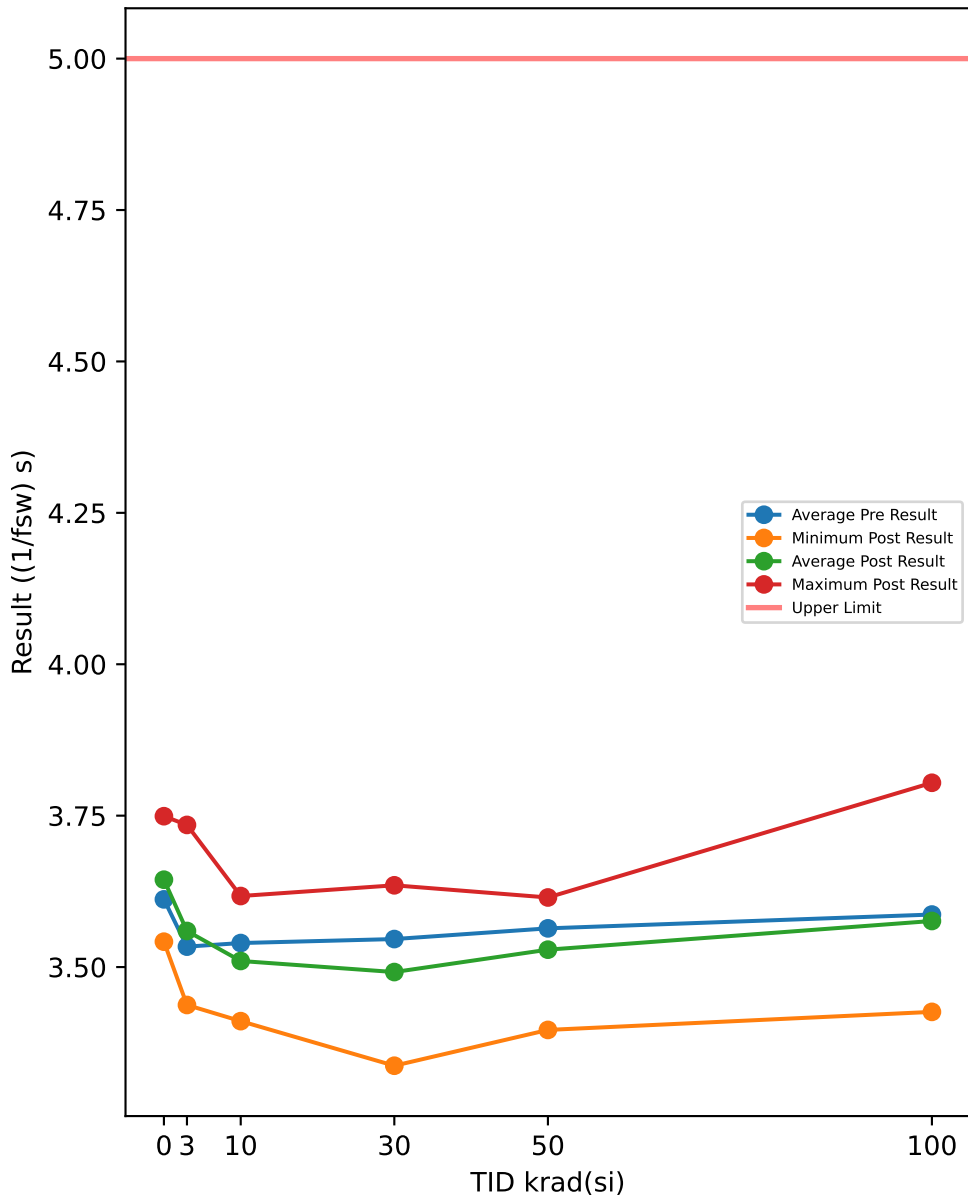
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
3	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
10	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
30	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
50	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
100	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0

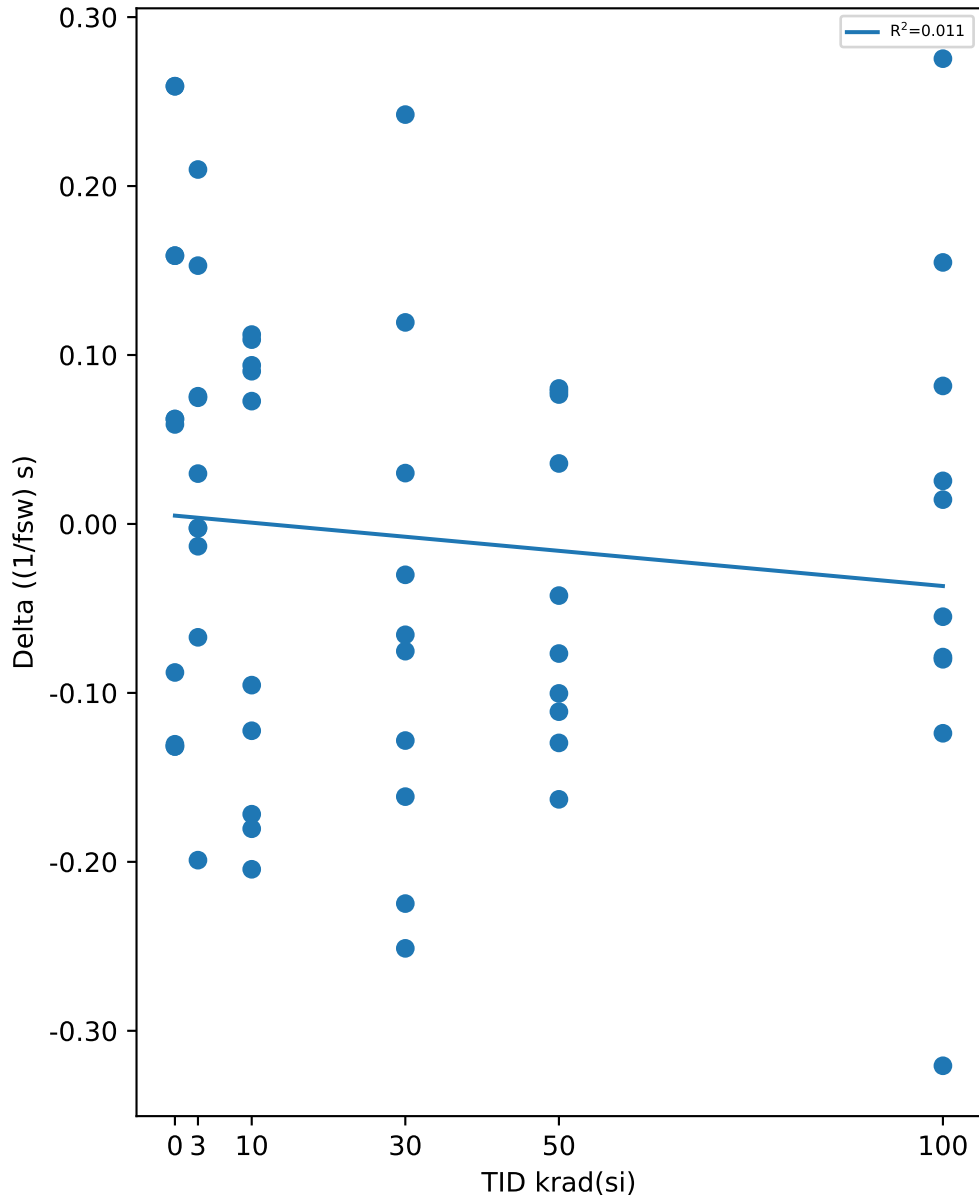
TID vs Result Stats



Test Results (Upper Limit = 5.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.7051	3.5747	-0.1304
516	0	CORRELATION	3.6678	3.5799	-0.0879
721	0	CORRELATION	3.5224	3.5813	0.0589
723	0	CORRELATION	3.49	3.6488	0.1588
729	0	CORRELATION	3.6736	3.5419	-0.1317
1000	3	Unbiased	3.7135	3.6464	-0.0671
1001	3	Unbiased	3.5537	3.5511	-0.0026
1002	3	Unbiased	3.4733	3.5489	0.0756
1003	3	Unbiased	3.5818	3.7347	0.1529
1004	3	Unbiased	3.4695	3.5442	0.0747
1005	3	Biased	3.6364	3.4374	-0.199
1006	3	Biased	3.5571	3.5439	-0.0132
1007	3	Biased	3.5642	3.594	0.0298
1008	3	Biased	3.4963	3.494	-0.0023
1009	3	Biased	3.2915	3.5013	0.2098
1010	10	Unbiased	3.4723	3.5662	0.0939
1011	10	Unbiased	3.6272	3.5318	-0.0954
1012	10	Unbiased	3.6829	3.4785	-0.2044
1013	10	Unbiased	3.6364	3.4646	-0.1718
1014	10	Unbiased	3.5655	3.4431	-0.1224
1015	10	Biased	3.5911	3.4107	-0.1804
1016	10	Biased	3.4581	3.5485	0.0904
1017	10	Biased	3.4461	3.5552	0.1091
1018	10	Biased	3.5446	3.6173	0.0727
1019	10	Biased	3.3725	3.4846	0.1121
1020	30	Unbiased	3.6834	3.4322	-0.2512
1021	30	Unbiased	3.5609	3.3995	-0.1614
1022	30	Unbiased	3.6795	3.4548	-0.2247
1023	30	Unbiased	3.4653	3.3371	-0.1282
1024	30	Unbiased	3.3927	3.635	0.2423
1025	30	Biased	3.5092	3.4436	-0.0656
1026	30	Biased	3.6217	3.5916	-0.0301
1027	30	Biased	3.5588	3.5889	0.0301
1028	30	Biased	3.5378	3.4625	-0.0753
1029	30	Biased	3.4532	3.5725	0.1193
1030	50	Unbiased	3.316	3.3962	0.0802
1031	50	Unbiased	3.4985	3.577	0.0785
1032	50	Unbiased	3.6806	3.5176	-0.163
1033	50	Unbiased	3.6934	3.5638	-0.1296
1034	50	Unbiased	3.6319	3.5895	-0.0424
1035	50	Biased-84Hr-Anneal	3.6442	3.5331	-0.1111
1036	50	Biased-84Hr-Anneal	3.5623	3.4856	-0.0767
1037	50	Biased-84Hr-Anneal	3.5725	3.4722	-0.1003
1038	50	Biased-84Hr-Anneal	3.4607	3.5373	0.0766
1039	50	Biased-84Hr-Anneal	3.5791	3.6149	0.0358
1040	100	Unbiased-168Hr-Anneal	3.5656	3.4855	-0.0801
1041	100	Unbiased-168Hr-Anneal	3.5997	3.6252	0.0255
1042	100	Unbiased-168Hr-Anneal	3.5265	3.6813	0.1548
1043	100	Unbiased-168Hr-Anneal	3.6407	3.5619	-0.0788
1044	100	Unbiased-168Hr-Anneal	3.4583	3.54	0.0817
1045	100	Biased-168Hr-Anneal	3.5289	3.8043	0.2754
1046	100	Biased-168Hr-Anneal	3.6397	3.5848	-0.0549
1047	100	Biased-168Hr-Anneal	3.6718	3.5479	-0.1239
1048	100	Biased-168Hr-Anneal	3.4894	3.5038	0.0144
1049	100	Biased-168Hr-Anneal	3.7467	3.426	-0.3207

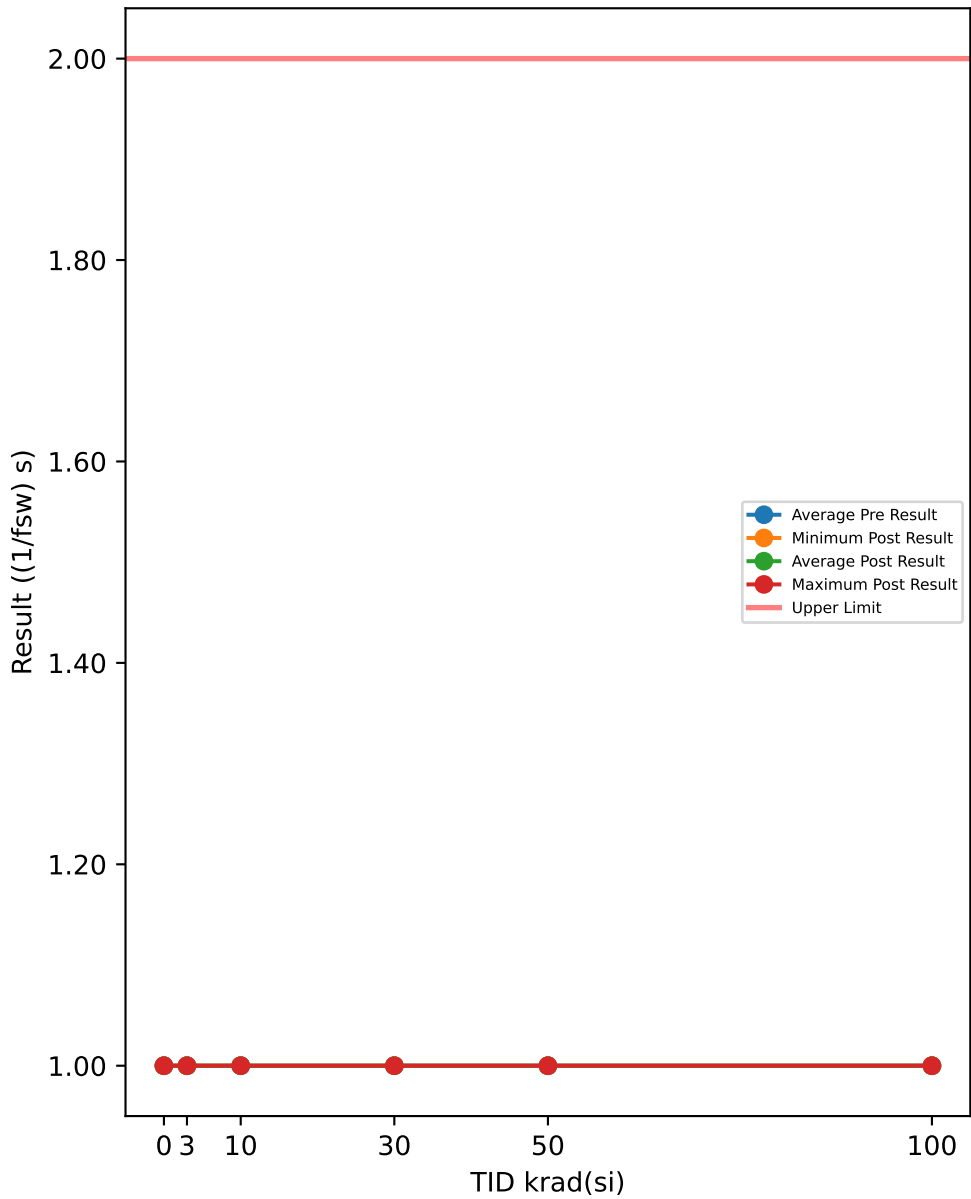
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.49	3.6118	3.7051	0.098091	3.5419	3.5853	3.6488	0.038966	-0.1317	-0.02646	0.1588	0.12967
3	3.2915	3.5337	3.7135	0.11299	3.4374	3.5596	3.7347	0.083455	-0.199	0.02586	0.2098	0.11411
10	3.3725	3.5397	3.6829	0.09931	3.4107	3.51	3.6173	0.063863	-0.2044	-0.02962	0.1121	0.13577
30	3.3927	3.5462	3.6834	0.095953	3.3371	3.4918	3.635	0.098297	-0.2512	-0.05448	0.2423	0.15316
50	3.316	3.5639	3.6934	0.11458	3.3962	3.5287	3.6149	0.064562	-0.163	-0.0352	0.0802	0.094752
100	3.4583	3.5867	3.7467	0.089505	3.426	3.5761	3.8043	0.10744	-0.3207	-0.01066	0.2754	0.16331

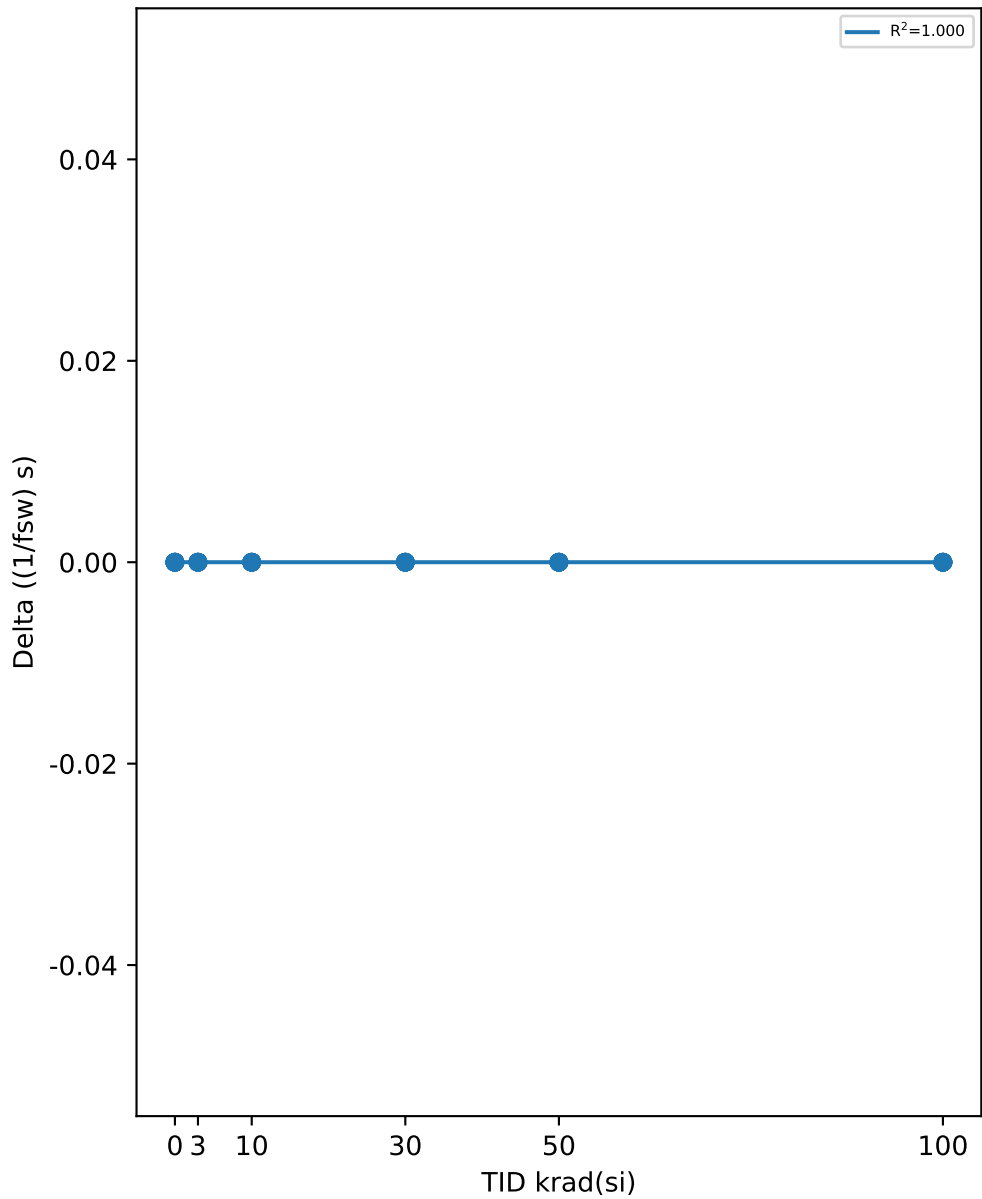
TID vs Result Stats



Test Results (Upper Limit = 2.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1	1	0
516	0	CORRELATION	1	1	0
721	0	CORRELATION	1	1	0
723	0	CORRELATION	1	1	0
729	0	CORRELATION	1	1	0
1000	3	Unbiased	1	1	0
1001	3	Unbiased	1	1	0
1002	3	Unbiased	1	1	0
1003	3	Unbiased	1	1	0
1004	3	Unbiased	1	1	0
1005	3	Biased	1	1	0
1006	3	Biased	1	1	0
1007	3	Biased	1	1	0
1008	3	Biased	1	1	0
1009	3	Biased	1	1	0
1010	10	Unbiased	1	1	0
1011	10	Unbiased	1	1	0
1012	10	Unbiased	1	1	0
1013	10	Unbiased	1	1	0
1014	10	Unbiased	1	1	0
1015	10	Biased	1	1	0
1016	10	Biased	1	1	0
1017	10	Biased	1	1	0
1018	10	Biased	1	1	0
1019	10	Biased	1	1	0
1020	30	Unbiased	1	1	0
1021	30	Unbiased	1	1	0
1022	30	Unbiased	1	1	0
1023	30	Unbiased	1	1	0
1024	30	Unbiased	1	1	0
1025	30	Biased	1	1	0
1026	30	Biased	1	1	0
1027	30	Biased	1	1	0
1028	30	Biased	1	1	0
1029	30	Biased	1	1	0
1030	50	Unbiased	1	1	0
1031	50	Unbiased	1	1	0
1032	50	Unbiased	1	1	0
1033	50	Unbiased	1	1	0
1034	50	Unbiased	1	1	0
1035	50	Biased-84Hr-Anneal	1	1	0
1036	50	Biased-84Hr-Anneal	1	1	0
1037	50	Biased-84Hr-Anneal	1	1	0
1038	50	Biased-84Hr-Anneal	1	1	0
1039	50	Biased-84Hr-Anneal	1	1	0
1040	100	Unbiased-168Hr-Anneal	1	1	0
1041	100	Unbiased-168Hr-Anneal	1	1	0
1042	100	Unbiased-168Hr-Anneal	1	1	0
1043	100	Unbiased-168Hr-Anneal	1	1	0
1044	100	Unbiased-168Hr-Anneal	1	1	0
1045	100	Biased-168Hr-Anneal	1	1	0
1046	100	Biased-168Hr-Anneal	1	1	0
1047	100	Biased-168Hr-Anneal	1	1	0
1048	100	Biased-168Hr-Anneal	1	1	0
1049	100	Biased-168Hr-Anneal	1	1	0

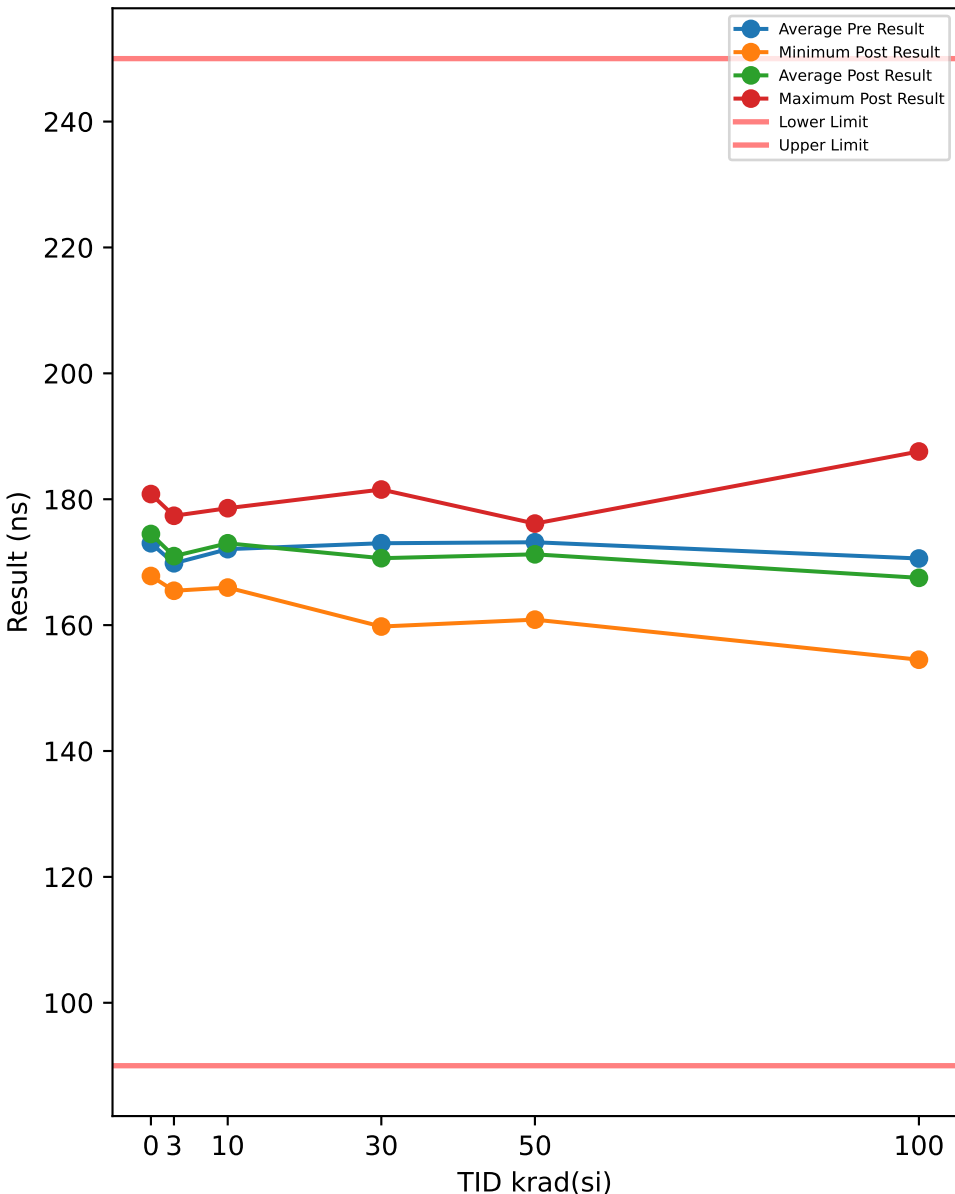
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1	1	1	0	1	1	1	0	0	0	0	0
3	1	1	1	0	1	1	1	0	0	0	0	0
10	1	1	1	0	1	1	1	0	0	0	0	0
30	1	1	1	0	1	1	1	0	0	0	0	0
50	1	1	1	0	1	1	1	0	0	0	0	0
100	1	1	1	0	1	1	1	0	0	0	0	0

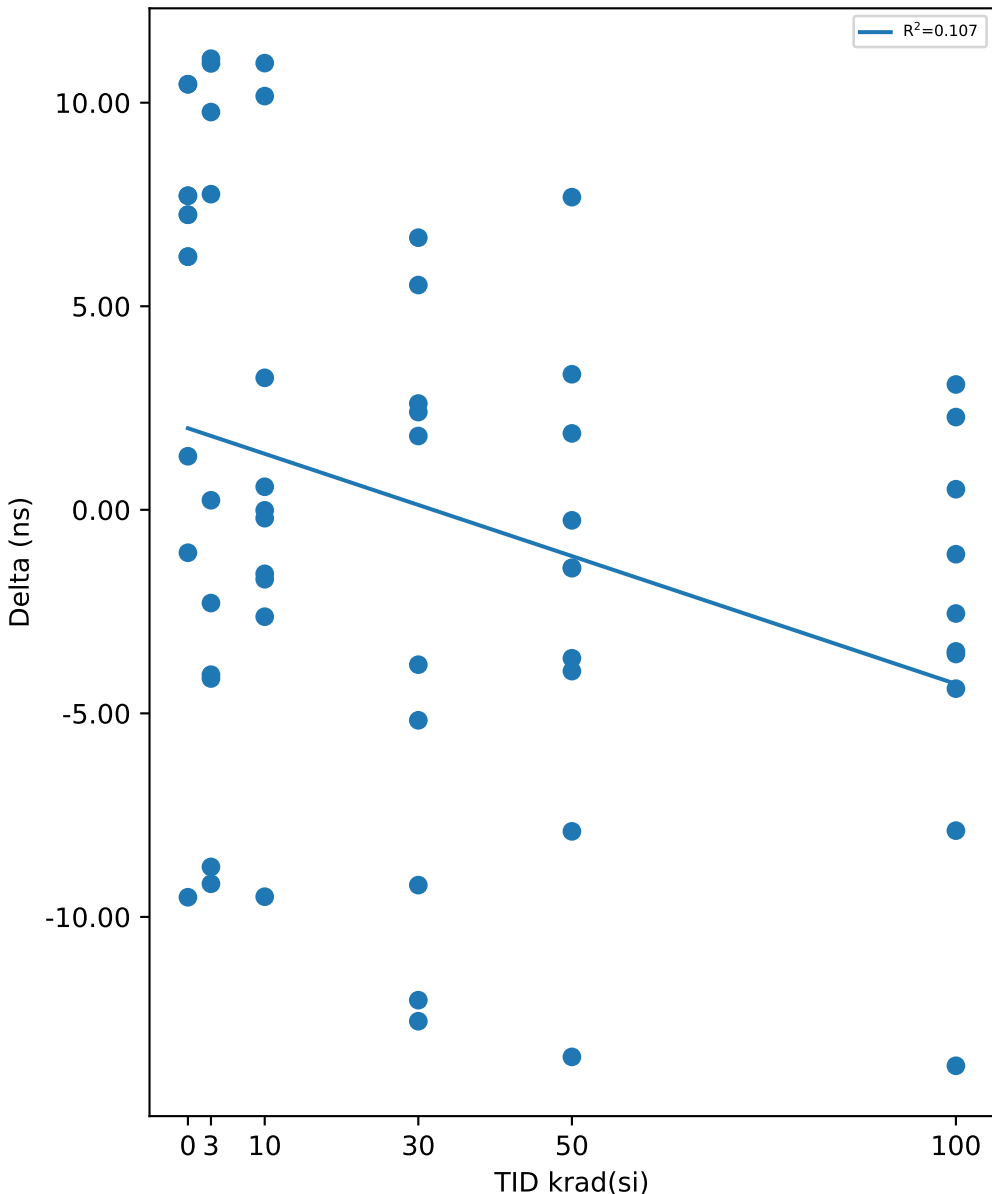
TID vs Result Stats



Test Results (Lower Limit = 90.0, Upper Limit = 250.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	179.51	180.82	1.3155
516	0	CORRELATION	174.78	173.73	-1.0545
721	0	CORRELATION	177.32	167.8	-9.5166
723	0	CORRELATION	162.18	172.63	10.453
729	0	CORRELATION	171.23	177.45	6.2187
1000	3	Unbiased	175.45	166.68	-8.7715
1001	3	Unbiased	157.64	168.72	11.081
1002	3	Unbiased	170.33	170.57	0.2344
1003	3	Unbiased	177.76	173.71	-4.0502
1004	3	Unbiased	169.62	177.37	7.7528
1005	3	Biased	162.77	173.74	10.964
1006	3	Biased	174.65	165.46	-9.186
1007	3	Biased	163.63	173.4	9.7699
1008	3	Biased	172.88	168.73	-4.1438
1009	3	Biased	173.5	171.21	-2.2905
1010	10	Unbiased	170.77	169.2	-1.5728
1011	10	Unbiased	174.97	175.53	0.5658
1012	10	Unbiased	173.85	177.09	3.2415
1013	10	Unbiased	175.47	165.97	-9.5032
1014	10	Unbiased	167.83	178	10.162
1015	10	Biased	167.6	178.57	10.972
1016	10	Biased	175.99	174.29	-1.7054
1017	10	Biased	167.58	167.57	-0.0119
1018	10	Biased	174.59	174.38	-0.2053
1019	10	Biased	172.03	169.41	-2.6254
1020	30	Unbiased	171.57	177.09	5.5208
1021	30	Unbiased	182.13	172.91	-9.2193
1022	30	Unbiased	177.52	172.35	-5.1705
1023	30	Unbiased	175.58	163.02	-12.562
1024	30	Unbiased	164.61	171.29	6.6843
1025	30	Biased	171.82	159.77	-12.045
1026	30	Biased	178.93	181.54	2.6105
1027	30	Biased	163.62	165.44	1.8128
1028	30	Biased	177.62	173.81	-3.8043
1029	30	Biased	166.69	169.1	2.4009
1030	50	Unbiased	172	168.04	-3.9623
1031	50	Unbiased	174.62	173.19	-1.4331
1032	50	Unbiased	174.31	160.87	-13.438
1033	50	Unbiased	167.31	174.99	7.6796
1034	50	Unbiased	177.15	173.5	-3.6461
1035	50	Biased-84Hr-Anneal	167.62	167.36	-0.2587
1036	50	Biased-84Hr-Anneal	176.88	175.46	-1.4254
1037	50	Biased-84Hr-Anneal	167.31	169.19	1.8768
1038	50	Biased-84Hr-Anneal	172.8	176.13	3.3298
1039	50	Biased-84Hr-Anneal	181.64	173.74	-7.8982
1040	100	Unbiased-168Hr-Anneal	169.85	170.36	0.506
1041	100	Unbiased-168Hr-Anneal	168.16	154.5	-13.656
1042	100	Unbiased-168Hr-Anneal	177.58	169.7	-7.8807
1043	100	Unbiased-168Hr-Anneal	170.02	166.48	-3.5418
1044	100	Unbiased-168Hr-Anneal	176.6	173.13	-3.4776
1045	100	Biased-168Hr-Anneal	174.3	169.9	-4.3933
1046	100	Biased-168Hr-Anneal	163.01	160.46	-2.5473
1047	100	Biased-168Hr-Anneal	184.51	187.59	3.0784
1048	100	Biased-168Hr-Anneal	162.9	161.81	-1.091
1049	100	Biased-168Hr-Anneal	158.92	161.19	2.2779

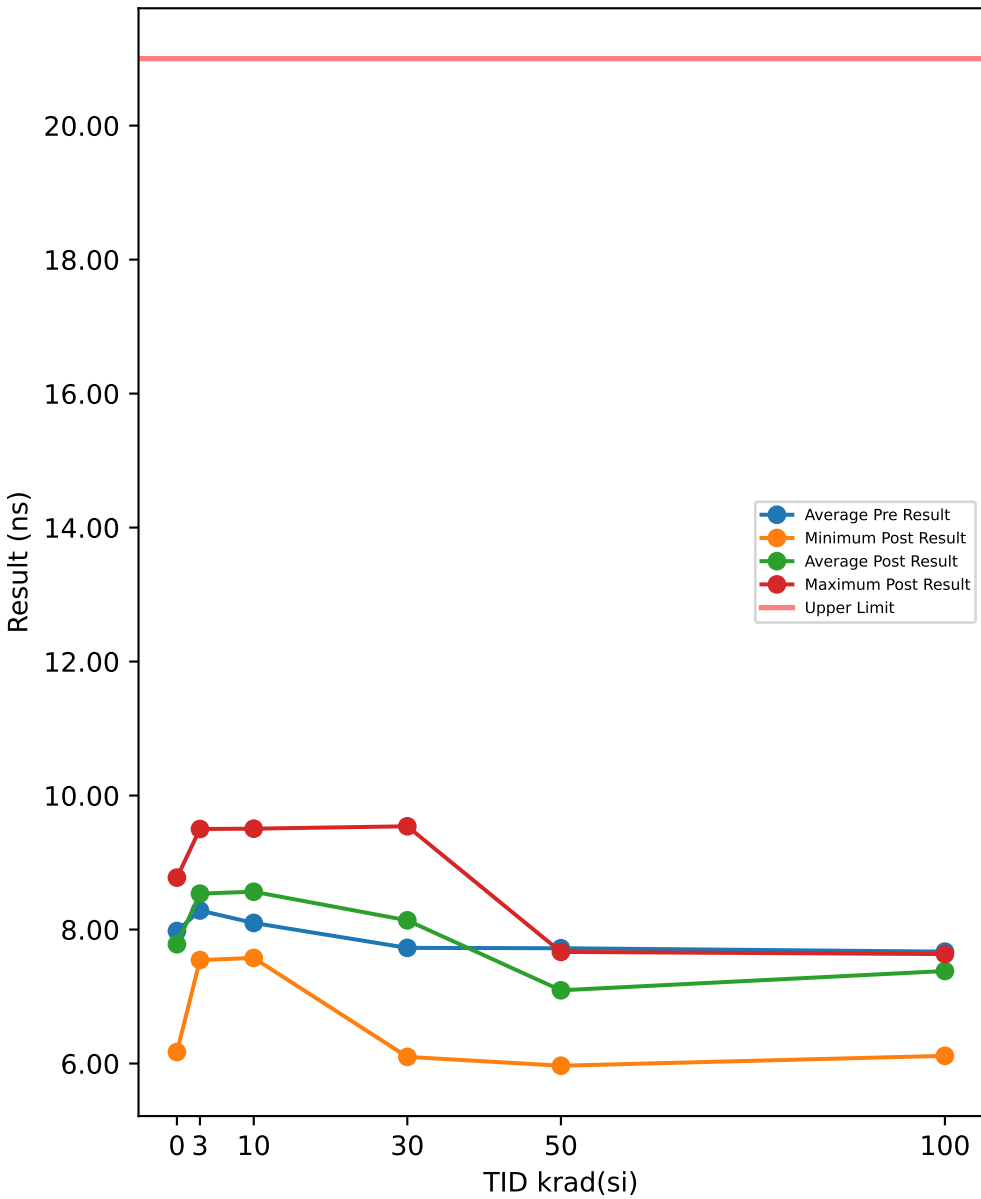
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	162.18	173	179.51	6.7891	167.8	174.49	180.82	4.9396	-9.5166	1.4833	10.453	7.5887
3	157.64	169.82	177.76	6.4764	165.46	170.96	177.37	3.6687	-9.186	1.1361	11.081	8.0682
10	167.58	172.07	175.99	3.4083	165.97	173	178.57	4.5835	-9.5032	0.93169	10.972	6.0408
30	163.62	173.01	182.13	6.3978	159.77	170.63	181.54	6.5364	-12.562	-2.3772	6.6843	7.1772
50	167.31	173.16	181.64	4.7802	160.87	171.25	176.13	4.8075	-13.438	-1.9175	7.6796	5.8965
100	158.92	170.58	184.51	7.8325	154.5	167.51	187.59	9.1015	-13.656	-3.0726	3.0784	4.9524

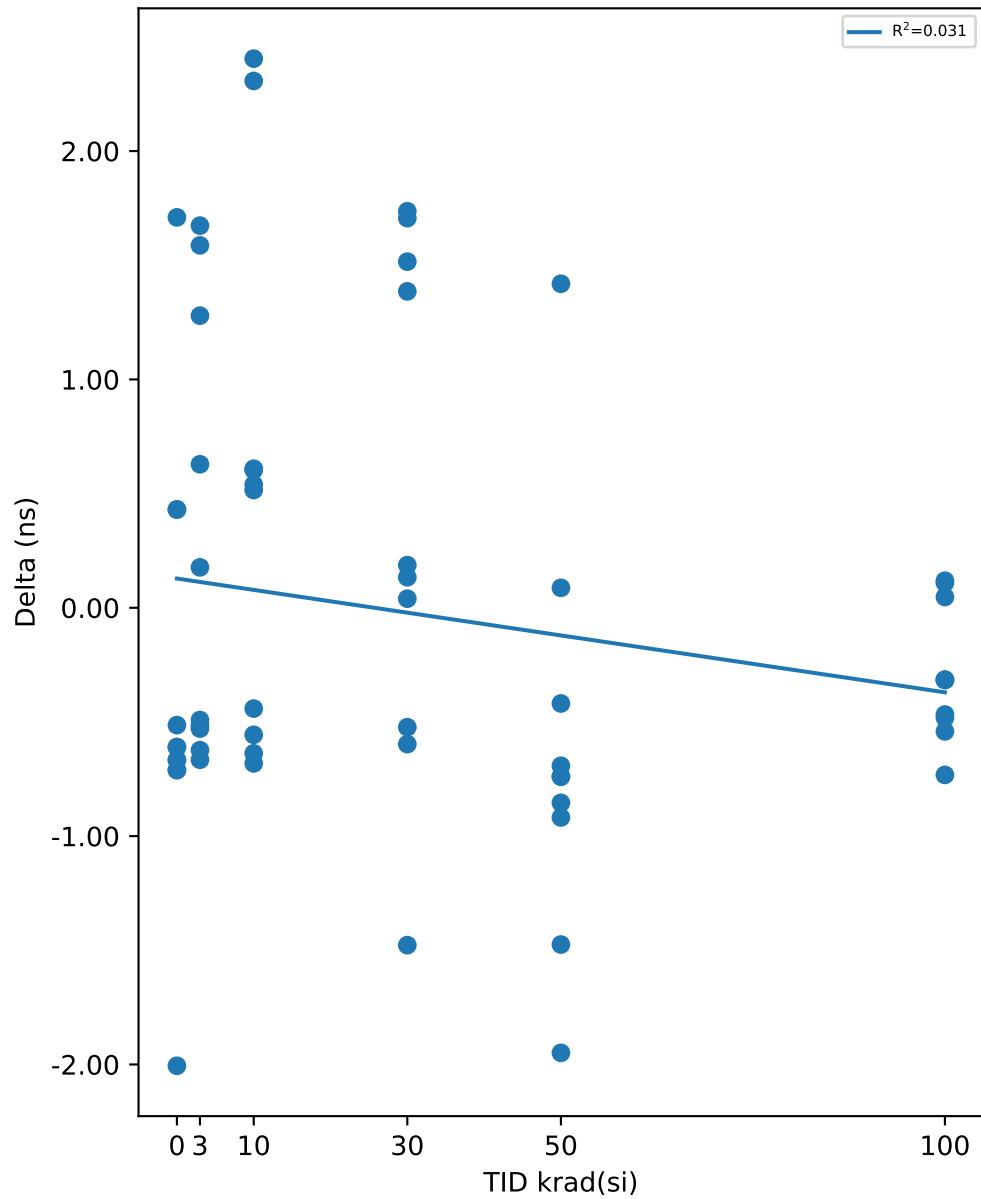
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.931	7.6407	1.7097
516	0	CORRELATION	8.1771	6.1714	-2.0057
721	0	CORRELATION	9.2451	8.7312	-0.5139
723	0	CORRELATION	8.1926	7.5825	-0.6101
729	0	CORRELATION	8.3445	8.7749	0.4304
1000	3	Unbiased	9.2216	8.7069	-0.5147
1001	3	Unbiased	8.168	7.5445	-0.6235
1002	3	Unbiased	9.3235	9.5005	0.177
1003	3	Unbiased	7.0596	8.7331	1.6735
1004	3	Unbiased	8.107	7.6154	-0.4916
1005	3	Biased	8.2474	7.5819	-0.6655
1006	3	Biased	9.2507	8.7219	-0.5288
1007	3	Biased	8.1918	9.4711	1.2793
1008	3	Biased	7.1579	8.745	1.5871
1009	3	Biased	8.1126	8.741	0.6284
1010	10	Unbiased	7.0607	7.5762	0.5155
1011	10	Unbiased	7.1009	9.5056	2.4047
1012	10	Unbiased	8.1817	8.7906	0.6089
1013	10	Unbiased	9.2128	8.7713	-0.4415
1014	10	Unbiased	8.2898	7.6082	-0.6816
1015	10	Biased	8.2782	7.6408	-0.6374
1016	10	Biased	9.3082	8.7519	-0.5563
1017	10	Biased	8.2166	8.7564	0.5398
1018	10	Biased	7.1719	9.4791	2.3072
1019	10	Biased	8.1615	8.7648	0.6033
1020	30	Unbiased	8.1555	9.5412	1.3857
1021	30	Unbiased	9.336	8.7389	-0.5971
1022	30	Unbiased	7.0627	8.769	1.7063
1023	30	Unbiased	5.9177	7.4336	1.5159
1024	30	Unbiased	7.3603	7.4941	0.1338
1025	30	Biased	7.1043	8.8409	1.7366
1026	30	Biased	9.3179	9.5047	0.1868
1027	30	Biased	7.322	7.3619	0.0399
1028	30	Biased	8.1101	7.5873	-0.5228
1029	30	Biased	7.5766	6.0992	-1.4774
1030	50	Unbiased	8.085	7.6659	-0.4191
1031	50	Unbiased	7.6005	6.1257	-1.4748
1032	50	Unbiased	5.985	7.4039	1.4189
1033	50	Unbiased	7.4978	7.5852	0.0874
1034	50	Unbiased	8.147	6.1979	-1.9491
1035	50	Biased-84Hr-Anneal	8.1586	7.4185	-0.7401
1036	50	Biased-84Hr-Anneal	8.3603	7.5061	-0.8542
1037	50	Biased-84Hr-Anneal	8.1545	7.4625	-0.692
1038	50	Biased-84Hr-Anneal	8.3345	7.5964	-0.7381
1039	50	Biased-84Hr-Anneal	6.8854	5.9672	-0.9182
1040	100	Unbiased-168Hr-Anneal	7.5864	7.6335	0.0471
1041	100	Unbiased-168Hr-Anneal	8.1729	7.441	-0.7319
1042	100	Unbiased-168Hr-Anneal	8.0695	7.6022	-0.4673
1043	100	Unbiased-168Hr-Anneal	7.3706	7.4797	0.1091
1044	100	Unbiased-168Hr-Anneal	5.9961	6.1147	0.1186
1045	100	Biased-168Hr-Anneal	8.0098	7.5282	-0.4816
1046	100	Biased-168Hr-Anneal	7.8322	7.5163	-0.3159
1047	100	Biased-168Hr-Anneal	8.0468	7.5055	-0.5413
1048	100	Biased-168Hr-Anneal	7.7813	7.4666	-0.3147
1049	100	Biased-168Hr-Anneal	7.837	7.5208	-0.3162

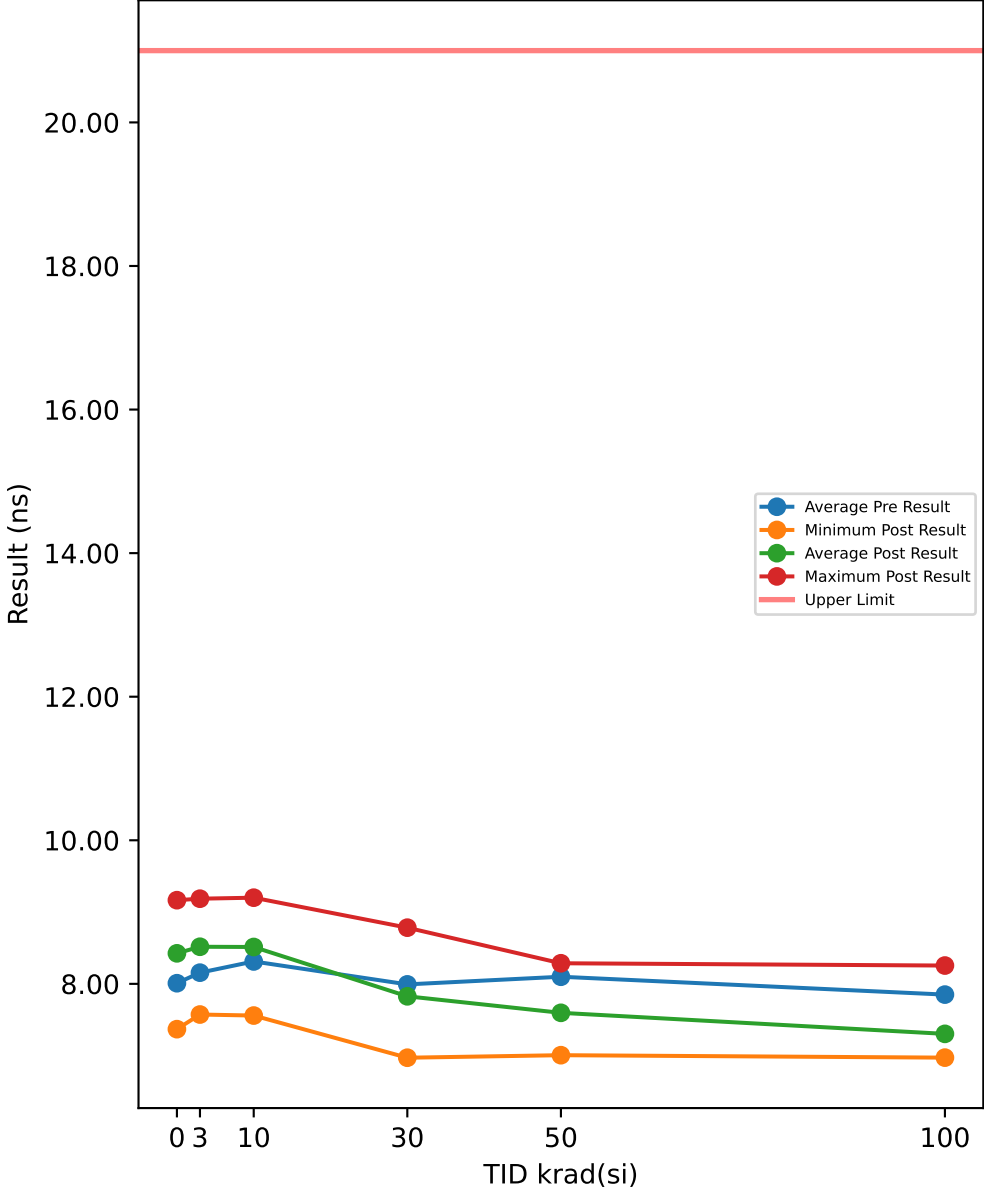
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.931	7.9781	9.2451	1.2264	6.1714	7.7801	8.7749	1.0654	-2.0057	-0.19792	1.7097	1.3758
3	7.0596	8.284	9.3235	0.79899	7.5445	8.5361	9.5005	0.72525	-0.6655	0.25212	1.6735	0.96405
10	7.0607	8.0982	9.3082	0.79789	7.5762	8.5645	9.5056	0.72054	-0.6816	0.46626	2.4047	1.1352
30	5.9177	7.7263	9.336	1.0474	6.0992	8.1371	9.5412	1.1087	-1.4774	0.41077	1.7366	1.1218
50	5.985	7.7209	8.3603	0.76411	5.9672	7.0929	7.6659	0.69426	-1.9491	-0.62793	1.4189	0.90503
100	5.9961	7.6703	8.1729	0.63553	6.1147	7.3808	7.6335	0.44869	-0.7319	-0.28941	0.1186	0.2922

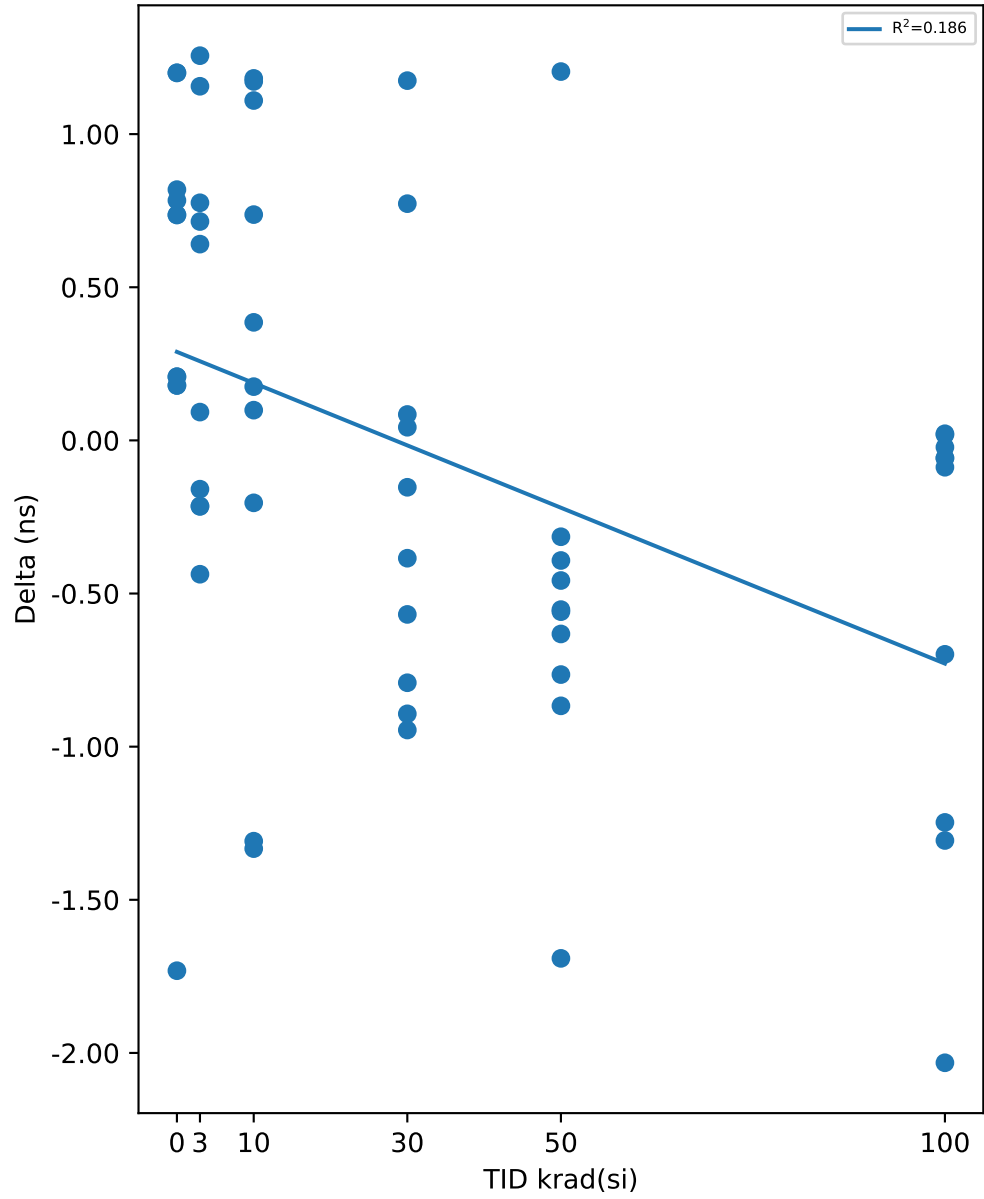
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.3597	8.1785	0.8188
516	0	CORRELATION	9.1003	7.3688	-1.7315
721	0	CORRELATION	7.5457	8.3292	0.7835
723	0	CORRELATION	7.9655	9.1655	1.2
729	0	CORRELATION	8.0729	8.8091	0.7362
1000	3	Unbiased	7.561	8.3368	0.7758
1001	3	Unbiased	7.9736	9.1298	1.1562
1002	3	Unbiased	7.5311	7.6235	0.0924
1003	3	Unbiased	8.9531	8.7375	-0.2156
1004	3	Unbiased	8.5454	9.1862	0.6408
1005	3	Biased	7.921	9.1771	1.2561
1006	3	Biased	7.6171	8.3317	0.7146
1007	3	Biased	8.0098	7.5728	-0.437
1008	3	Biased	8.9735	8.7593	-0.2142
1009	3	Biased	8.4734	8.3141	-0.1593
1010	10	Unbiased	8.9603	9.1358	0.1755
1011	10	Unbiased	8.9142	7.5813	-1.3329
1012	10	Unbiased	8.5973	8.696	0.0987
1013	10	Unbiased	7.614	8.3512	0.7372
1014	10	Unbiased	7.9858	9.1578	1.172
1015	10	Biased	8.0906	9.2003	1.1097
1016	10	Biased	7.5528	8.7347	1.1819
1017	10	Biased	7.9902	8.3756	0.3854
1018	10	Biased	8.8671	7.5585	-1.3086
1019	10	Biased	8.5479	8.344	-0.2039
1020	30	Unbiased	8.5256	7.58	-0.9456
1021	30	Unbiased	7.5451	8.318	0.7729
1022	30	Unbiased	8.9357	8.7826	-0.1531
1023	30	Unbiased	7.3557	6.971	-0.3847
1024	30	Unbiased	6.9194	8.094	1.1746
1025	30	Biased	8.8794	8.3112	-0.5682
1026	30	Biased	7.5616	7.6045	0.0429
1027	30	Biased	6.9069	6.9915	0.0846
1028	30	Biased	9.0985	8.2057	-0.8928
1029	30	Biased	8.1974	7.4061	-0.7913
1030	50	Unbiased	9.0514	8.2868	-0.7646
1031	50	Unbiased	8.1712	7.3045	-0.8667
1032	50	Unbiased	7.3209	7.0063	-0.3146
1033	50	Unbiased	7.0388	8.243	1.2042
1034	50	Unbiased	9.0158	7.3246	-1.6912
1035	50	Biased-84Hr-Anneal	7.4653	7.0078	-0.4575
1036	50	Biased-84Hr-Anneal	8.7834	8.2309	-0.5525
1037	50	Biased-84Hr-Anneal	7.4682	7.0761	-0.3921
1038	50	Biased-84Hr-Anneal	8.7382	8.179	-0.5592
1039	50	Biased-84Hr-Anneal	7.9374	7.3054	-0.632
1040	100	Unbiased-168Hr-Anneal	8.2288	8.2065	-0.0223
1041	100	Unbiased-168Hr-Anneal	9.0863	7.0542	-2.0321
1042	100	Unbiased-168Hr-Anneal	8.9536	8.2551	-0.6985
1043	100	Unbiased-168Hr-Anneal	6.9535	6.9722	0.0187
1044	100	Unbiased-168Hr-Anneal	7.3356	7.3573	0.0217
1045	100	Biased-168Hr-Anneal	8.25	7.0027	-1.2473
1046	100	Biased-168Hr-Anneal	7.117	7.0591	-0.0579
1047	100	Biased-168Hr-Anneal	8.3077	7.0014	-1.3063
1048	100	Biased-168Hr-Anneal	7.1502	7.0625	-0.0877
1049	100	Biased-168Hr-Anneal	7.1205	7.0628	-0.0577

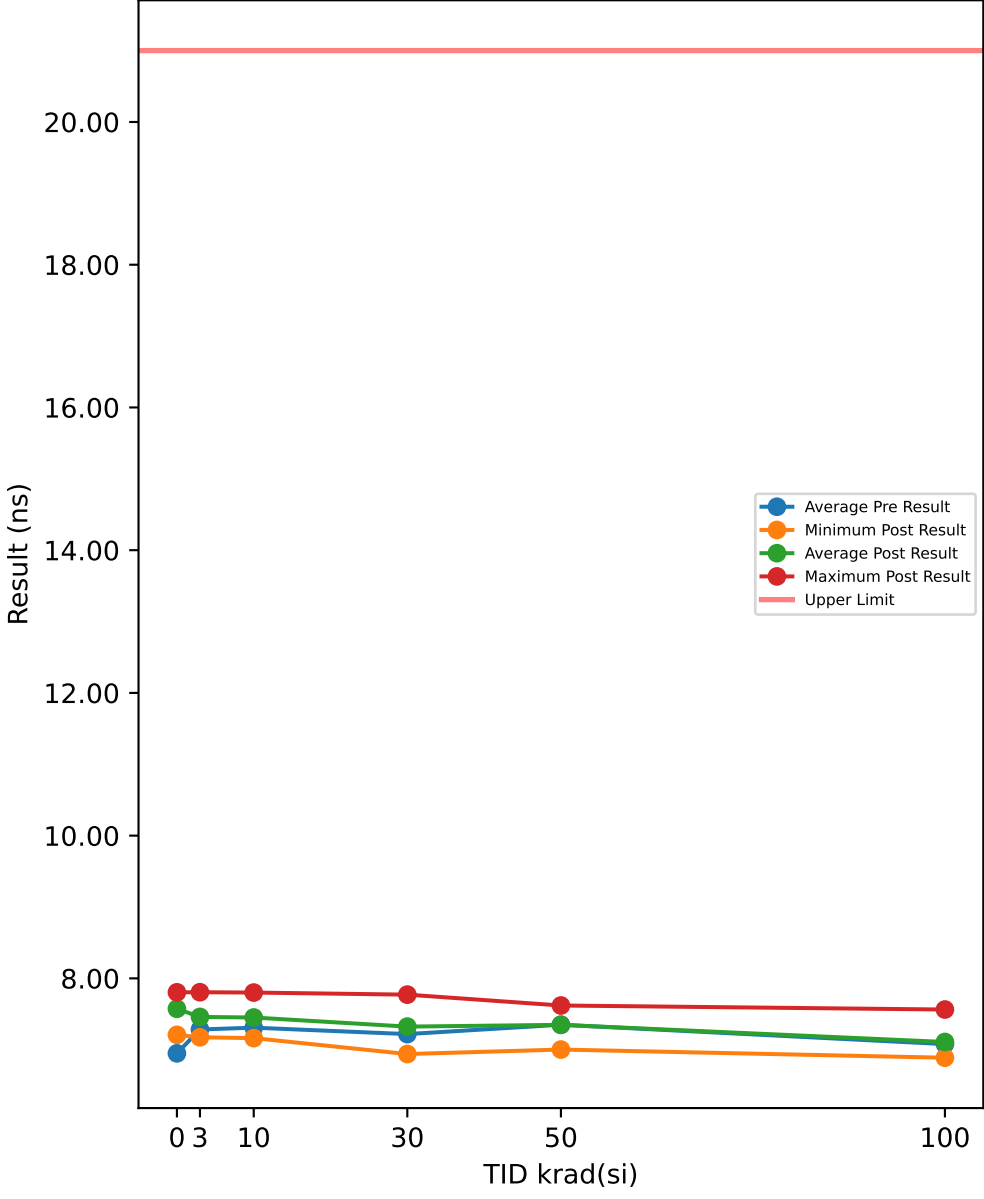
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.3597	8.0088	9.1003	0.67697	7.3688	8.3702	9.1655	0.68308	-1.7315	0.3614	1.2	1.1844
3	7.5311	8.1559	8.9735	0.54781	7.5728	8.5169	9.1862	0.59294	-0.437	0.36098	1.2561	0.61931
10	7.5528	8.312	8.9603	0.53236	7.5585	8.5135	9.2003	0.59735	-1.3329	0.2015	1.1819	0.93447
30	6.9069	7.9925	9.0985	0.83978	6.971	7.8265	8.7826	0.60753	-0.9456	-0.16607	1.1746	0.70883
50	7.0388	8.0991	9.0514	0.75901	7.0063	7.5964	8.2868	0.56233	-1.6912	-0.50262	1.2042	0.71486
100	6.9535	7.8503	9.0863	0.80876	6.9722	7.3034	8.2551	0.50036	-2.0321	-0.54694	0.0217	0.73815

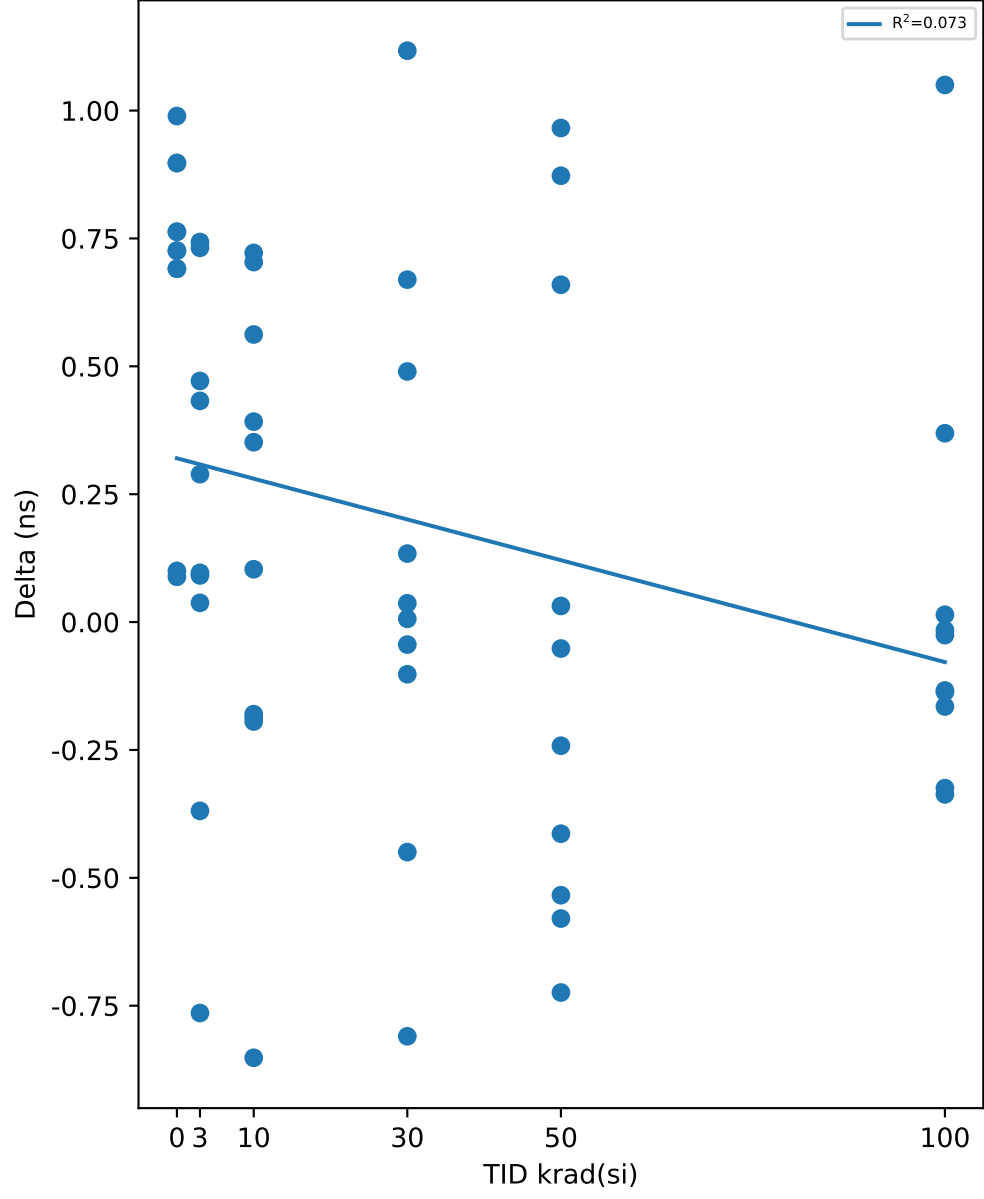
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.4553	7.5438	0.0885
516	0	CORRELATION	6.4404	7.4297	0.9893
721	0	CORRELATION	7.1086	7.2086	0.1
723	0	CORRELATION	6.8365	7.5995	0.763
729	0	CORRELATION	6.907	7.8044	0.8974
1000	3	Unbiased	7.1479	7.2391	0.0912
1001	3	Unbiased	6.8995	7.6312	0.7317
1002	3	Unbiased	7.1721	7.2097	0.0376
1003	3	Unbiased	7.2824	7.7538	0.4714
1004	3	Unbiased	8.06	7.6909	-0.3691
1005	3	Biased	6.9335	7.6766	0.7431
1006	3	Biased	7.1053	7.2016	0.0963
1007	3	Biased	6.8853	7.1744	0.2891
1008	3	Biased	7.3735	7.8059	0.4324
1009	3	Biased	7.9794	7.2151	-0.7643
1010	10	Unbiased	7.3244	7.676	0.3516
1011	10	Unbiased	7.3571	7.1627	-0.1944
1012	10	Unbiased	7.9865	7.8012	-0.1853
1013	10	Unbiased	7.1051	7.2084	0.1033
1014	10	Unbiased	6.8306	7.5523	0.7217
1015	10	Biased	6.9221	7.6259	0.7038
1016	10	Biased	7.2262	7.7884	0.5622
1017	10	Biased	6.8625	7.2544	0.3919
1018	10	Biased	7.395	7.215	-0.18
1019	10	Biased	8.0831	7.2313	-0.8518
1020	30	Unbiased	7.9827	7.1729	-0.8098
1021	30	Unbiased	7.0808	7.2147	0.1339
1022	30	Unbiased	7.2821	7.772	0.4899
1023	30	Unbiased	7.474	7.0243	-0.4497
1024	30	Unbiased	6.942	7.6115	0.6695
1025	30	Biased	7.2331	7.1891	-0.044
1026	30	Biased	7.1569	7.1936	0.0367
1027	30	Biased	6.9334	6.9397	0.0063
1028	30	Biased	6.5239	7.641	1.1171
1029	30	Biased	7.5842	7.4822	-0.102
1030	50	Unbiased	6.582	7.5479	0.9659
1031	50	Unbiased	7.6042	7.3625	-0.2417
1032	50	Unbiased	7.4162	7.0025	-0.4137
1033	50	Unbiased	6.9604	7.6199	0.6595
1034	50	Unbiased	6.545	7.4176	0.8726
1035	50	Biased-84Hr-Anneal	7.5653	7.0313	-0.534
1036	50	Biased-84Hr-Anneal	7.5613	7.5096	-0.0517
1037	50	Biased-84Hr-Anneal	7.5985	7.0189	-0.5796
1038	50	Biased-84Hr-Anneal	7.5838	7.6153	0.0315
1039	50	Biased-84Hr-Anneal	8.0868	7.3626	-0.7242
1040	100	Unbiased-168Hr-Anneal	7.5491	7.5634	0.0143
1041	100	Unbiased-168Hr-Anneal	6.5509	6.9201	0.3692
1042	100	Unbiased-168Hr-Anneal	6.4004	7.4505	1.0501
1043	100	Unbiased-168Hr-Anneal	6.9136	6.8881	-0.0255
1044	100	Unbiased-168Hr-Anneal	7.4037	7.3881	-0.0156
1045	100	Biased-168Hr-Anneal	7.3055	6.9808	-0.3247
1046	100	Biased-168Hr-Anneal	7.0977	6.964	-0.1337
1047	100	Biased-168Hr-Anneal	7.3449	7.008	-0.3369
1048	100	Biased-168Hr-Anneal	7.1098	6.9732	-0.1366
1049	100	Biased-168Hr-Anneal	7.1146	6.9495	-0.1651

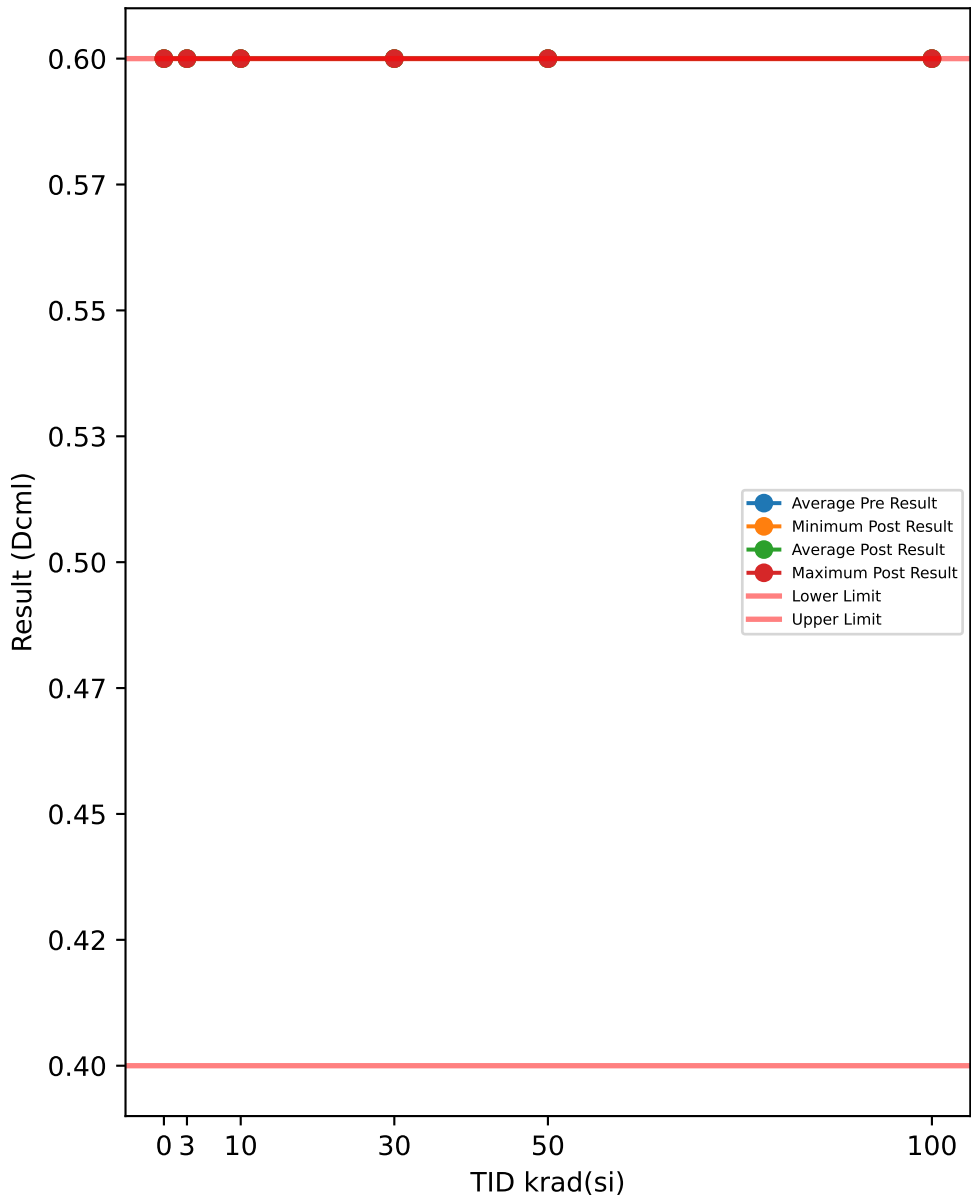
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.4404	6.9496	7.4553	0.37246	7.2086	7.5172	7.8044	0.21958	0.0885	0.56764	0.9893	0.43959
3	6.8853	7.2839	8.06	0.41984	7.1744	7.4598	7.8059	0.26983	-0.7643	0.17594	0.7431	0.4726
10	6.8306	7.3093	8.0831	0.43391	7.1627	7.4516	7.8012	0.26088	-0.8518	0.1423	0.7217	0.49975
30	6.5239	7.2193	7.9827	0.40142	6.9397	7.3241	7.772	0.28213	-0.8098	0.10479	1.1171	0.54934
50	6.545	7.3504	8.0868	0.49542	7.0025	7.3488	7.6199	0.24601	-0.7242	-0.00154	0.9659	0.62433
100	6.4004	7.079	7.5491	0.36784	6.8881	7.1086	7.5634	0.25321	-0.3369	0.02955	1.0501	0.41016

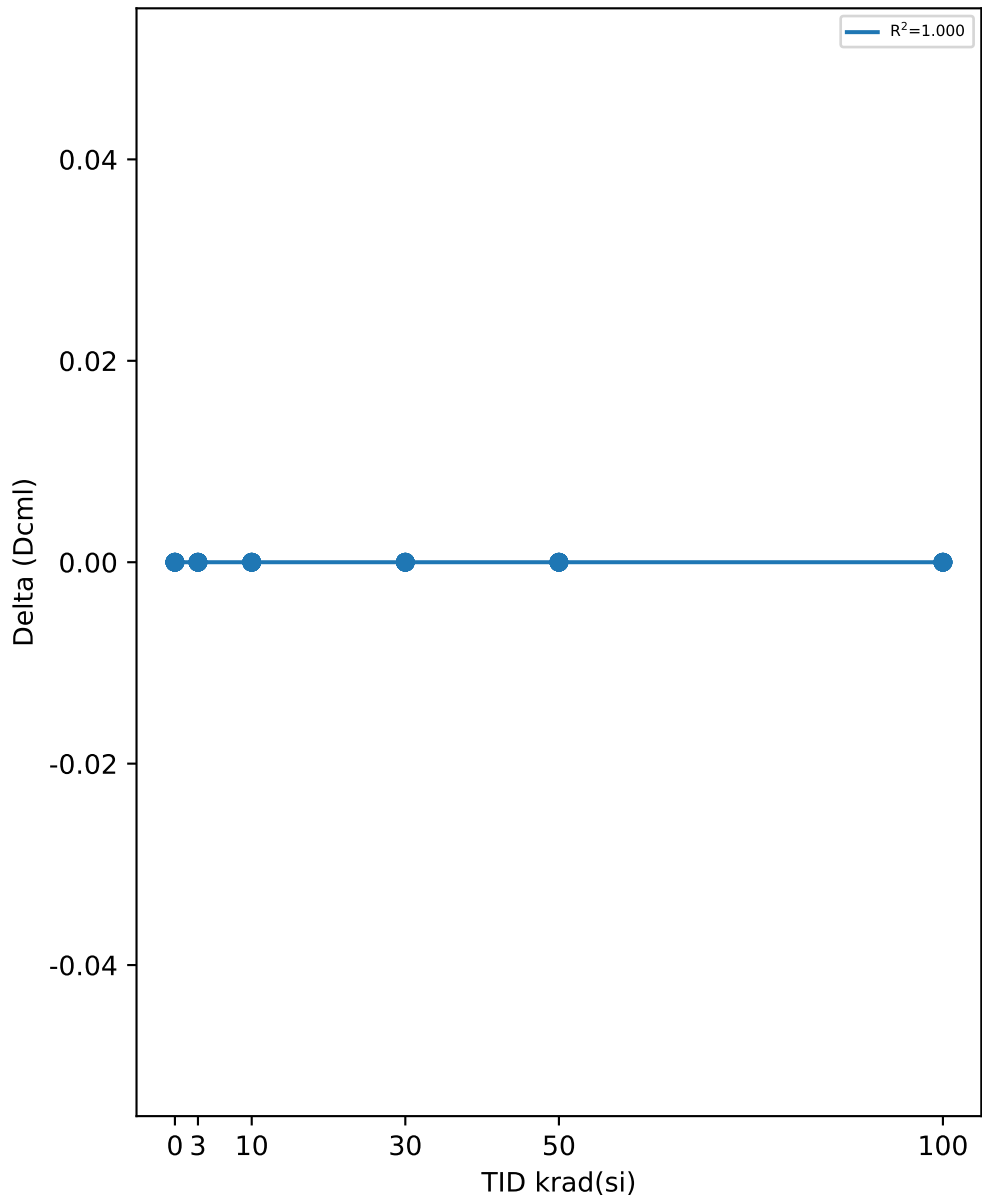
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6	0.6	0
516	0	CORRELATION	0.6	0.6	0
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6	0.6	0
729	0	CORRELATION	0.6	0.6	0
1000	3	Unbiased	0.6	0.6	0
1001	3	Unbiased	0.6	0.6	0
1002	3	Unbiased	0.6	0.6	0
1003	3	Unbiased	0.6	0.6	0
1004	3	Unbiased	0.6	0.6	0
1005	3	Biased	0.6	0.6	0
1006	3	Biased	0.6	0.6	0
1007	3	Biased	0.6	0.6	0
1008	3	Biased	0.6	0.6	0
1009	3	Biased	0.6	0.6	0
1010	10	Unbiased	0.6	0.6	0
1011	10	Unbiased	0.6	0.6	0
1012	10	Unbiased	0.6	0.6	0
1013	10	Unbiased	0.6	0.6	0
1014	10	Unbiased	0.6	0.6	0
1015	10	Biased	0.6	0.6	0
1016	10	Biased	0.6	0.6	0
1017	10	Biased	0.6	0.6	0
1018	10	Biased	0.6	0.6	0
1019	10	Biased	0.6	0.6	0
1020	30	Unbiased	0.6	0.6	0
1021	30	Unbiased	0.6	0.6	0
1022	30	Unbiased	0.6	0.6	0
1023	30	Unbiased	0.6	0.6	0
1024	30	Unbiased	0.6	0.6	0
1025	30	Biased	0.6	0.6	0
1026	30	Biased	0.6	0.6	0
1027	30	Biased	0.6	0.6	0
1028	30	Biased	0.6	0.6	0
1029	30	Biased	0.6	0.6	0
1030	50	Unbiased	0.6	0.6	0
1031	50	Unbiased	0.6	0.6	0
1032	50	Unbiased	0.6	0.6	0
1033	50	Unbiased	0.6	0.6	0
1034	50	Unbiased	0.6	0.6	0
1035	50	Biased-84Hr-Anneal	0.6	0.6	0
1036	50	Biased-84Hr-Anneal	0.6	0.6	0
1037	50	Biased-84Hr-Anneal	0.6	0.6	0
1038	50	Biased-84Hr-Anneal	0.6	0.6	0
1039	50	Biased-84Hr-Anneal	0.6	0.6	0
1040	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1041	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1042	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1043	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1044	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1045	100	Biased-168Hr-Anneal	0.6	0.6	0
1046	100	Biased-168Hr-Anneal	0.6	0.6	0
1047	100	Biased-168Hr-Anneal	0.6	0.6	0
1048	100	Biased-168Hr-Anneal	0.6	0.6	0
1049	100	Biased-168Hr-Anneal	0.6	0.6	0

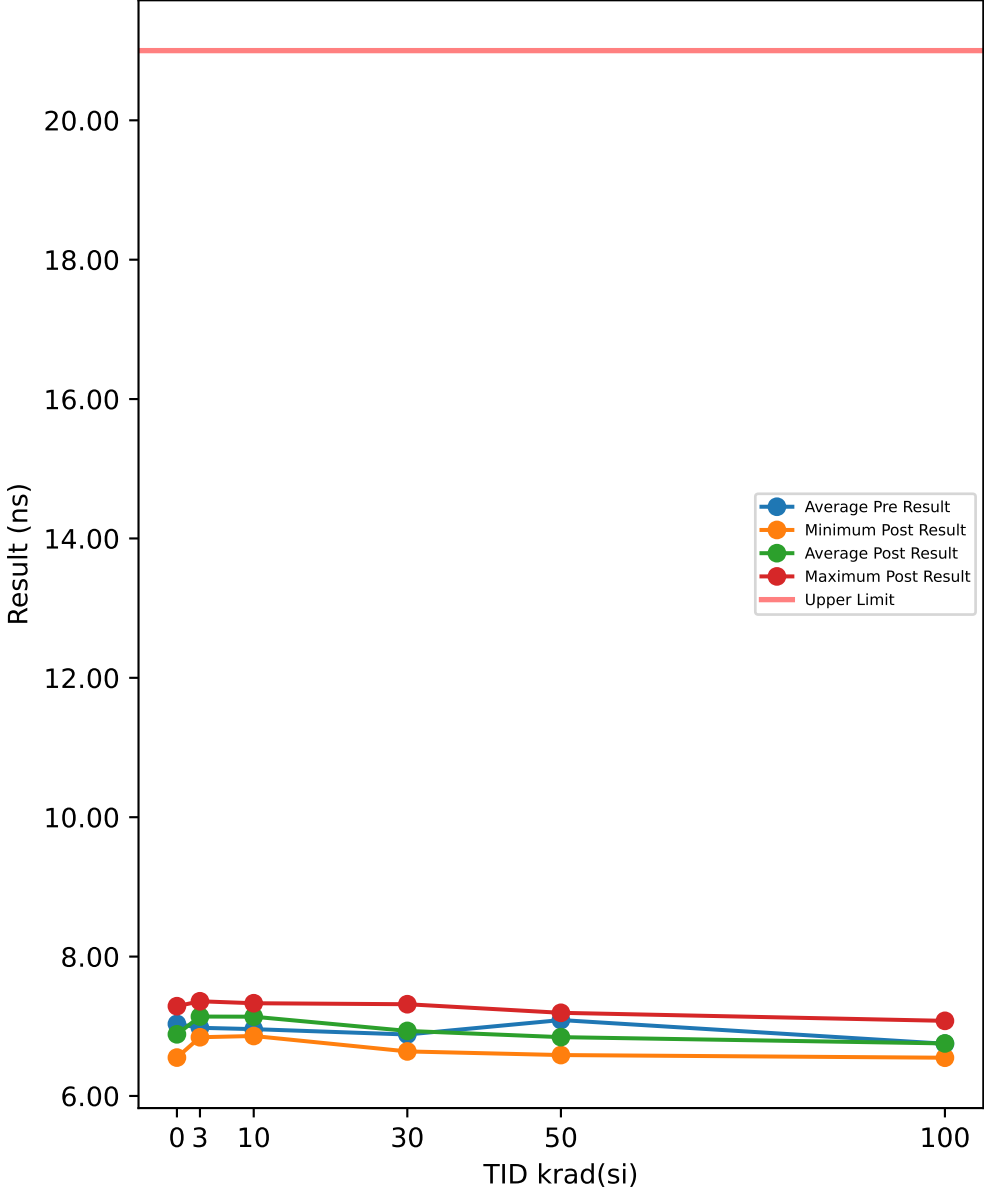
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
3	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
10	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
30	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
50	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
100	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0

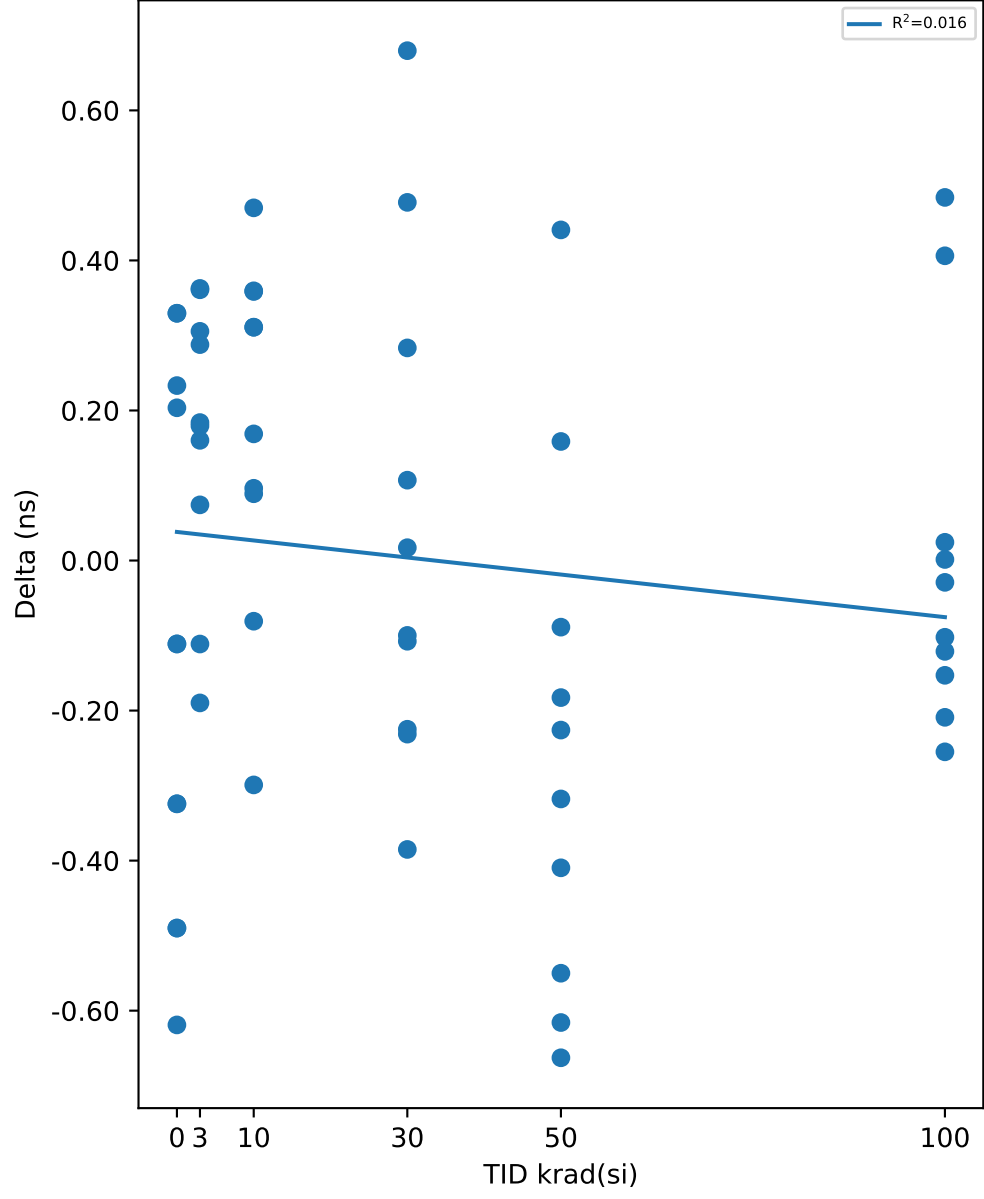
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.1736	6.5546	-0.619
516	0	CORRELATION	6.9323	7.1655	0.2332
721	0	CORRELATION	7.0844	7.288	0.2036
723	0	CORRELATION	6.9377	7.2673	0.3296
729	0	CORRELATION	7.0407	6.9295	-0.1112
1000	3	Unbiased	6.9961	7.3588	0.3627
1001	3	Unbiased	6.9998	7.2876	0.2878
1002	3	Unbiased	7.0373	6.8475	-0.1898
1003	3	Unbiased	6.8053	6.8795	0.0742
1004	3	Unbiased	7.1934	7.3536	0.1602
1005	3	Biased	7.0205	7.326	0.3055
1006	3	Biased	6.9081	7.269	0.3609
1007	3	Biased	6.9538	6.8425	-0.1113
1008	3	Biased	6.7367	6.9206	0.1839
1009	3	Biased	7.1312	7.3107	0.1795
1010	10	Unbiased	6.8514	7.3215	0.4701
1011	10	Unbiased	6.7716	6.8606	0.089
1012	10	Unbiased	7.1967	6.8976	-0.2991
1013	10	Unbiased	7.0096	7.3206	0.311
1014	10	Unbiased	6.8778	7.2373	0.3595
1015	10	Biased	7.0007	7.3117	0.311
1016	10	Biased	6.9767	6.8958	-0.0809
1017	10	Biased	6.9719	7.3305	0.3586
1018	10	Biased	6.8102	6.9065	0.0963
1019	10	Biased	7.123	7.2918	0.1688
1020	30	Unbiased	7.0733	6.8419	-0.2314
1021	30	Unbiased	7.033	7.3164	0.2834
1022	30	Unbiased	6.765	6.8721	0.1071
1023	30	Unbiased	7.1579	6.7728	-0.3851
1024	30	Unbiased	6.8113	6.7037	-0.1076
1025	30	Biased	6.7979	7.2753	0.4774
1026	30	Biased	6.9663	6.8665	-0.0998
1027	30	Biased	6.7422	6.7593	0.0171
1028	30	Biased	6.864	6.6391	-0.2249
1029	30	Biased	6.6065	7.2861	0.6796
1030	50	Unbiased	6.9048	6.587	-0.3178
1031	50	Unbiased	6.6417	7.0824	0.4407
1032	50	Unbiased	7.2286	6.819	-0.4096
1033	50	Unbiased	6.7642	6.6754	-0.0888
1034	50	Unbiased	7.0345	7.1932	0.1587
1035	50	Biased-84Hr-Anneal	7.476	6.8132	-0.6628
1036	50	Biased-84Hr-Anneal	6.8181	6.5921	-0.226
1037	50	Biased-84Hr-Anneal	7.5399	6.9241	-0.6158
1038	50	Biased-84Hr-Anneal	6.7963	6.6136	-0.1827
1039	50	Biased-84Hr-Anneal	7.6899	7.1398	-0.5501
1040	100	Unbiased-168Hr-Anneal	6.5915	6.5929	0.0014
1041	100	Unbiased-168Hr-Anneal	6.8666	6.7136	-0.153
1042	100	Unbiased-168Hr-Anneal	6.8037	6.5487	-0.255
1043	100	Unbiased-168Hr-Anneal	6.7116	6.7359	0.0243
1044	100	Unbiased-168Hr-Anneal	7.107	7.0779	-0.0291
1045	100	Biased-168Hr-Anneal	6.3449	6.7511	0.4062
1046	100	Biased-168Hr-Anneal	6.9135	6.7924	-0.1211
1047	100	Biased-168Hr-Anneal	6.3275	6.8115	0.484
1048	100	Biased-168Hr-Anneal	6.9067	6.8044	-0.1023
1049	100	Biased-168Hr-Anneal	6.9185	6.7095	-0.209

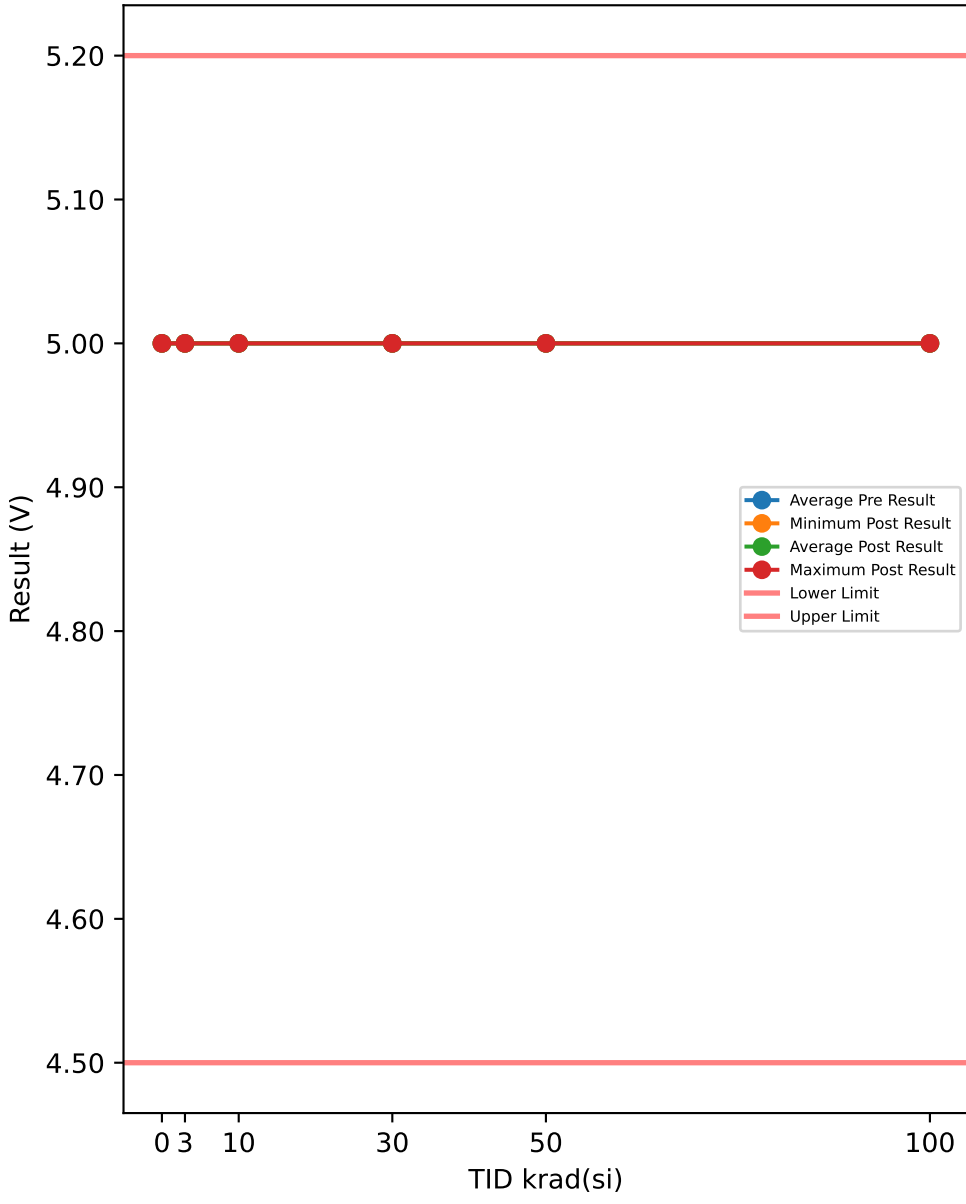
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9323	7.0337	7.1736	0.10209	6.5546	7.041	7.288	0.30689	-0.619	0.00724	0.3296	0.38721
3	6.7367	6.9782	7.1934	0.13724	6.8425	7.1396	7.3588	0.23231	-0.1898	0.16136	0.3627	0.18951
10	6.7716	6.959	7.1967	0.13483	6.8606	7.1374	7.3305	0.21467	-0.2991	0.17843	0.4701	0.23466
30	6.6065	6.8817	7.1579	0.17132	6.6391	6.9333	7.3164	0.25821	-0.3851	0.05158	0.6796	0.33817
50	6.6417	7.0894	7.6899	0.37046	6.587	6.844	7.1932	0.23221	-0.6628	-0.24542	0.4407	0.3495
100	6.3275	6.7492	7.107	0.25665	6.5487	6.7538	7.0779	0.14309	-0.255	0.00464	0.484	0.24894

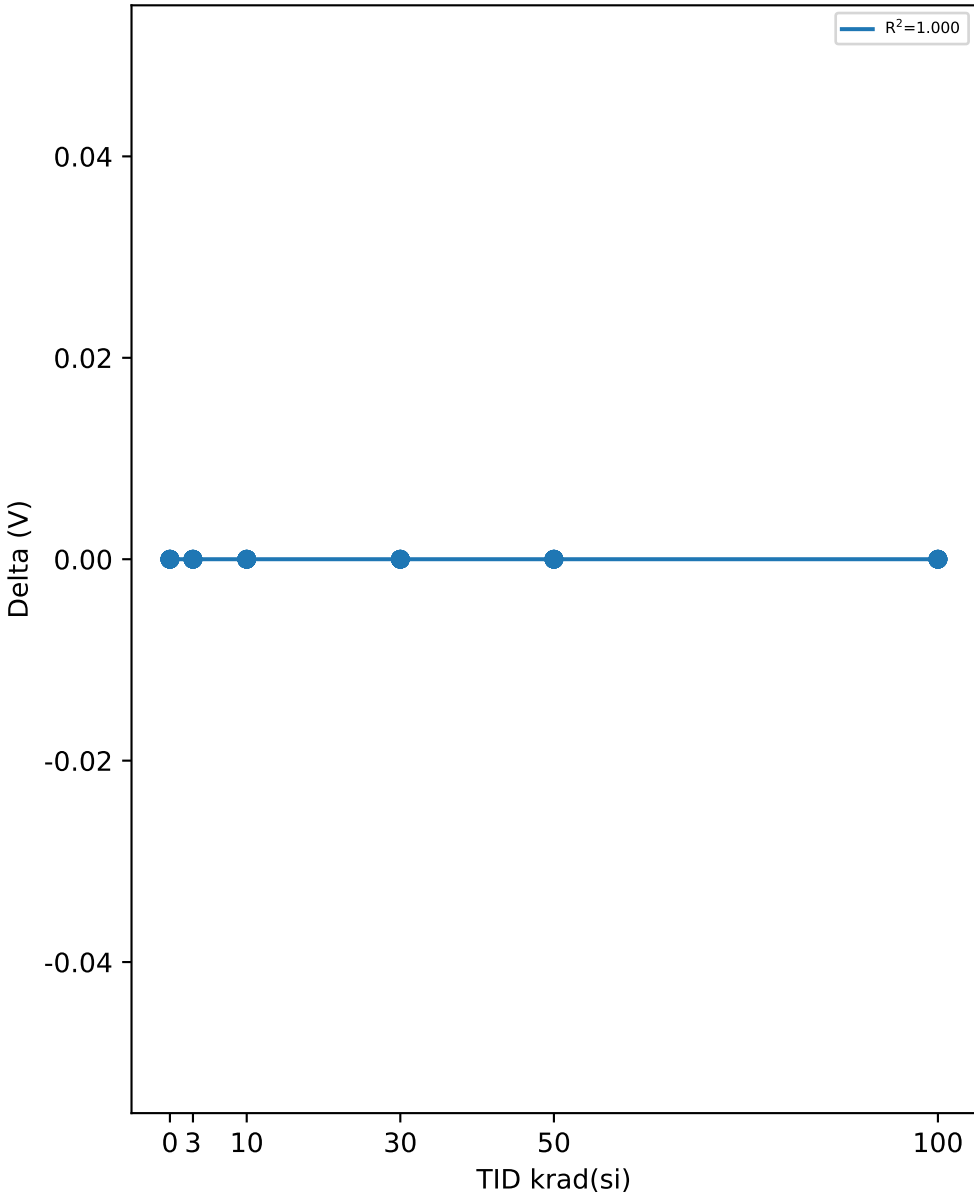
TID vs Result Stats



Test Results (Lower Limit = 4.5, Upper Limit = 5.2 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5	5	0
516	0	CORRELATION	5	5	0
721	0	CORRELATION	5	5	0
723	0	CORRELATION	5	5	0
729	0	CORRELATION	5	5	0
1000	3	Unbiased	5	5	0
1001	3	Unbiased	5	5	0
1002	3	Unbiased	5	5	0
1003	3	Unbiased	5	5	0
1004	3	Unbiased	5	5	0
1005	3	Biased	5	5	0
1006	3	Biased	5	5	0
1007	3	Biased	5	5	0
1008	3	Biased	5	5	0
1009	3	Biased	5	5	0
1010	10	Unbiased	5	5	0
1011	10	Unbiased	5	5	0
1012	10	Unbiased	5	5	0
1013	10	Unbiased	5	5	0
1014	10	Unbiased	5	5	0
1015	10	Biased	5	5	0
1016	10	Biased	5	5	0
1017	10	Biased	5	5	0
1018	10	Biased	5	5	0
1019	10	Biased	5	5	0
1020	30	Unbiased	5	5	0
1021	30	Unbiased	5	5	0
1022	30	Unbiased	5	5	0
1023	30	Unbiased	5	5	0
1024	30	Unbiased	5	5	0
1025	30	Biased	5	5	0
1026	30	Biased	5	5	0
1027	30	Biased	5	5	0
1028	30	Biased	5	5	0
1029	30	Biased	5	5	0
1030	50	Unbiased	5	5	0
1031	50	Unbiased	5	5	0
1032	50	Unbiased	5	5	0
1033	50	Unbiased	5	5	0
1034	50	Unbiased	5	5	0
1035	50	Biased-84Hr-Anneal	5	5	0
1036	50	Biased-84Hr-Anneal	5	5	0
1037	50	Biased-84Hr-Anneal	5	5	0
1038	50	Biased-84Hr-Anneal	5	5	0
1039	50	Biased-84Hr-Anneal	5	5	0
1040	100	Unbiased-168Hr-Anneal	5	5	0
1041	100	Unbiased-168Hr-Anneal	5	5	0
1042	100	Unbiased-168Hr-Anneal	5	5	0
1043	100	Unbiased-168Hr-Anneal	5	5	0
1044	100	Unbiased-168Hr-Anneal	5	5	0
1045	100	Biased-168Hr-Anneal	5	5	0
1046	100	Biased-168Hr-Anneal	5	5	0
1047	100	Biased-168Hr-Anneal	5	5	0
1048	100	Biased-168Hr-Anneal	5	5	0
1049	100	Biased-168Hr-Anneal	5	5	0

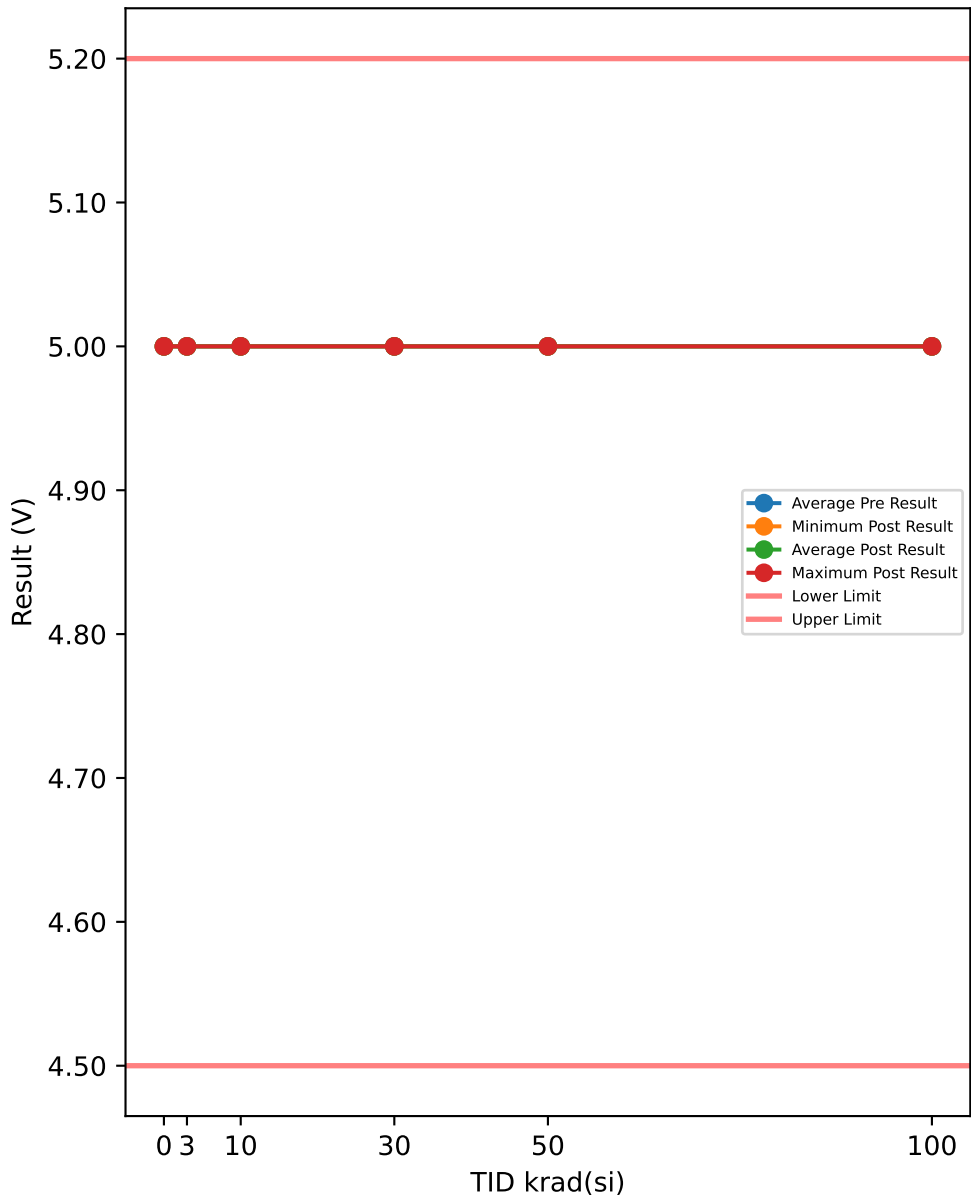
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5	5	0	0	0	0	0
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5	5	0	0	0	0	0
50	5	5	5	0	5	5	5	0	0	0	0	0
100	5	5	5	0	5	5	5	0	0	0	0	0

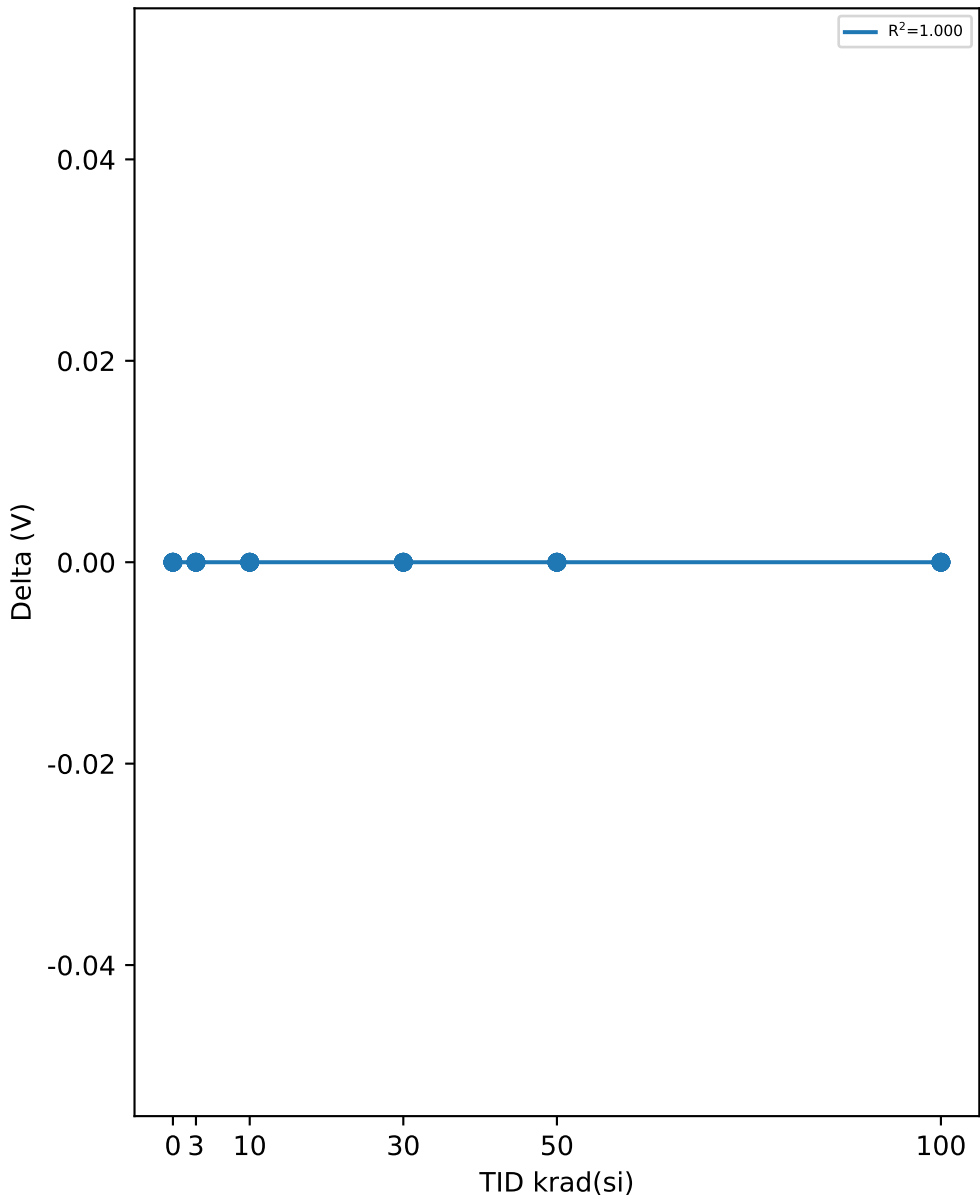
TID vs Result Stats



Test Results (Lower Limit = 4.5, Upper Limit = 5.2 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5	5	0
516	0	CORRELATION	5	5	0
721	0	CORRELATION	5	5	0
723	0	CORRELATION	5	5	0
729	0	CORRELATION	5	5	0
1000	3	Unbiased	5	5	0
1001	3	Unbiased	5	5	0
1002	3	Unbiased	5	5	0
1003	3	Unbiased	5	5	0
1004	3	Unbiased	5	5	0
1005	3	Biased	5	5	0
1006	3	Biased	5	5	0
1007	3	Biased	5	5	0
1008	3	Biased	5	5	0
1009	3	Biased	5	5	0
1010	10	Unbiased	5	5	0
1011	10	Unbiased	5	5	0
1012	10	Unbiased	5	5	0
1013	10	Unbiased	5	5	0
1014	10	Unbiased	5	5	0
1015	10	Biased	5	5	0
1016	10	Biased	5	5	0
1017	10	Biased	5	5	0
1018	10	Biased	5	5	0
1019	10	Biased	5	5	0
1020	30	Unbiased	5	5	0
1021	30	Unbiased	5	5	0
1022	30	Unbiased	5	5	0
1023	30	Unbiased	5	5	0
1024	30	Unbiased	5	5	0
1025	30	Biased	5	5	0
1026	30	Biased	5	5	0
1027	30	Biased	5	5	0
1028	30	Biased	5	5	0
1029	30	Biased	5	5	0
1030	50	Unbiased	5	5	0
1031	50	Unbiased	5	5	0
1032	50	Unbiased	5	5	0
1033	50	Unbiased	5	5	0
1034	50	Unbiased	5	5	0
1035	50	Biased-84Hr-Anneal	5	5	0
1036	50	Biased-84Hr-Anneal	5	5	0
1037	50	Biased-84Hr-Anneal	5	5	0
1038	50	Biased-84Hr-Anneal	5	5	0
1039	50	Biased-84Hr-Anneal	5	5	0
1040	100	Unbiased-168Hr-Anneal	5	5	0
1041	100	Unbiased-168Hr-Anneal	5	5	0
1042	100	Unbiased-168Hr-Anneal	5	5	0
1043	100	Unbiased-168Hr-Anneal	5	5	0
1044	100	Unbiased-168Hr-Anneal	5	5	0
1045	100	Biased-168Hr-Anneal	5	5	0
1046	100	Biased-168Hr-Anneal	5	5	0
1047	100	Biased-168Hr-Anneal	5	5	0
1048	100	Biased-168Hr-Anneal	5	5	0
1049	100	Biased-168Hr-Anneal	5	5	0

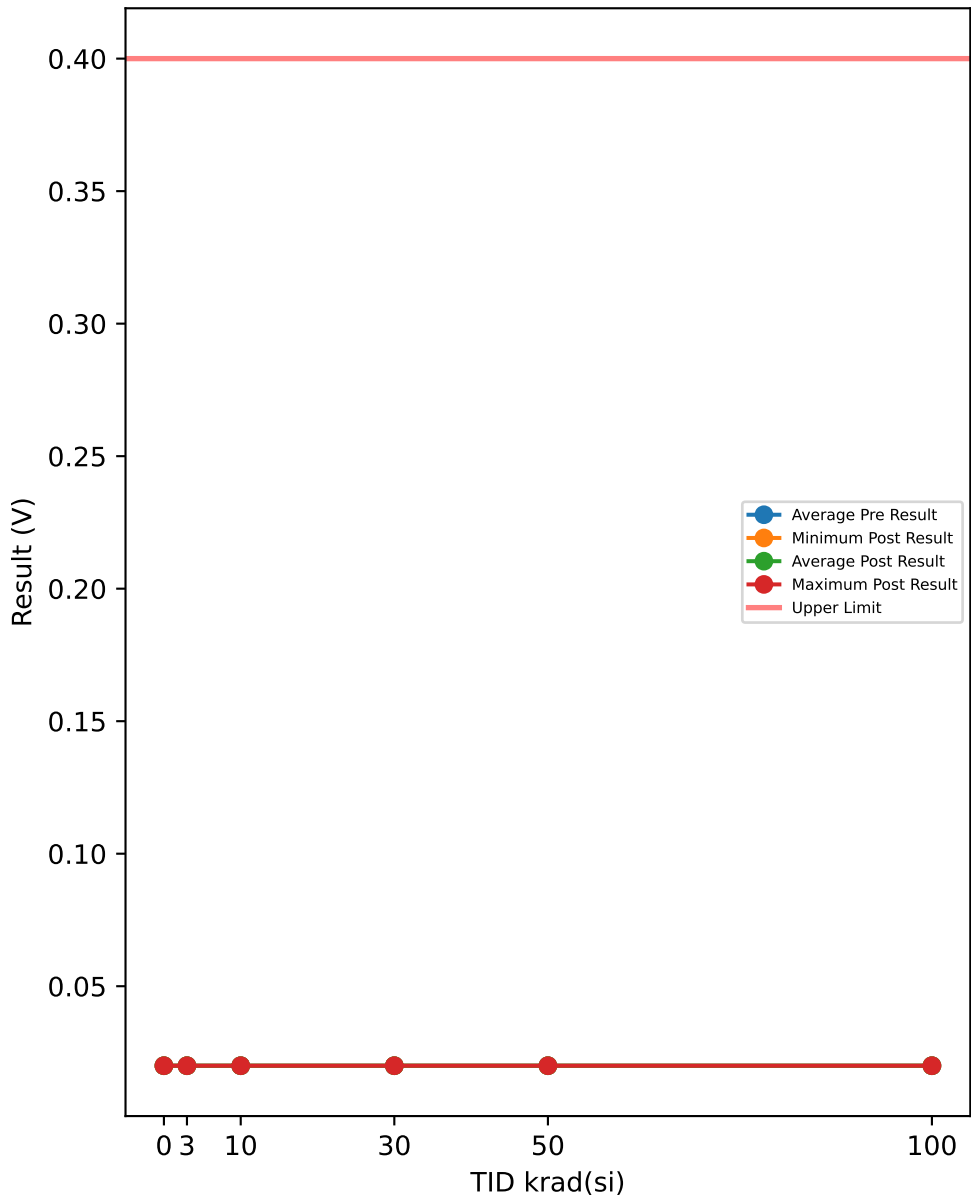
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5	5	0	0	0	0	0
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5	5	0	0	0	0	0
50	5	5	5	0	5	5	5	0	0	0	0	0
100	5	5	5	0	5	5	5	0	0	0	0	0

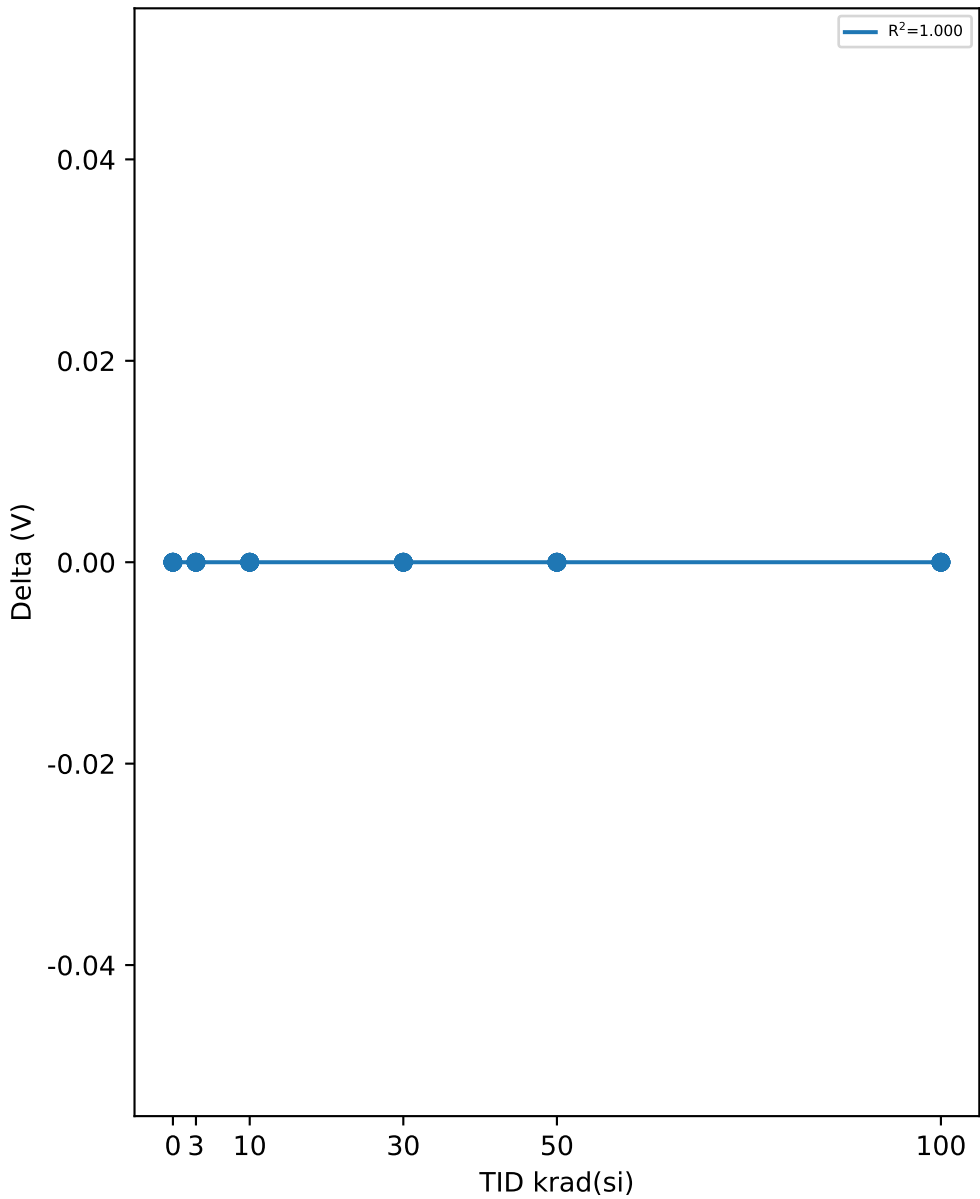
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

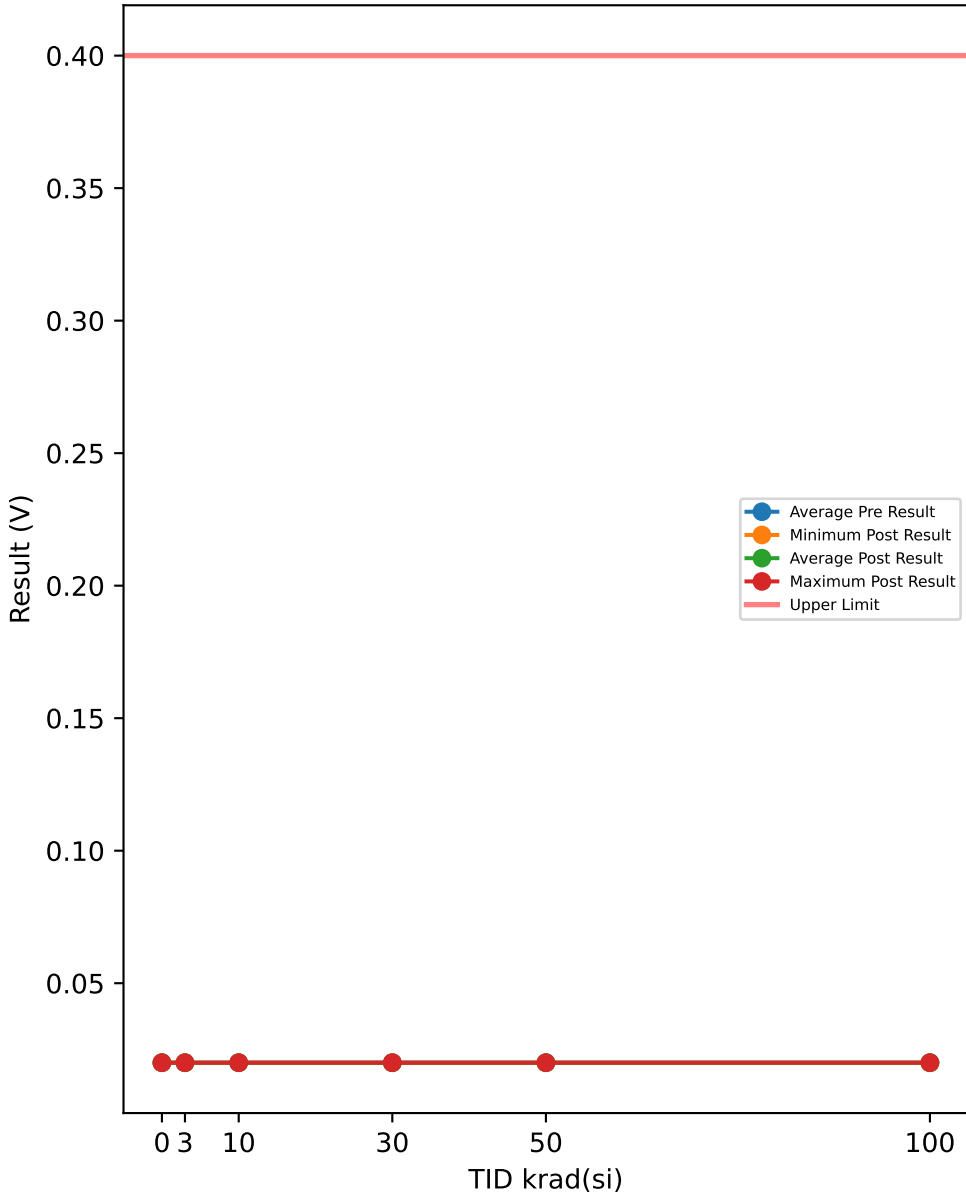
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

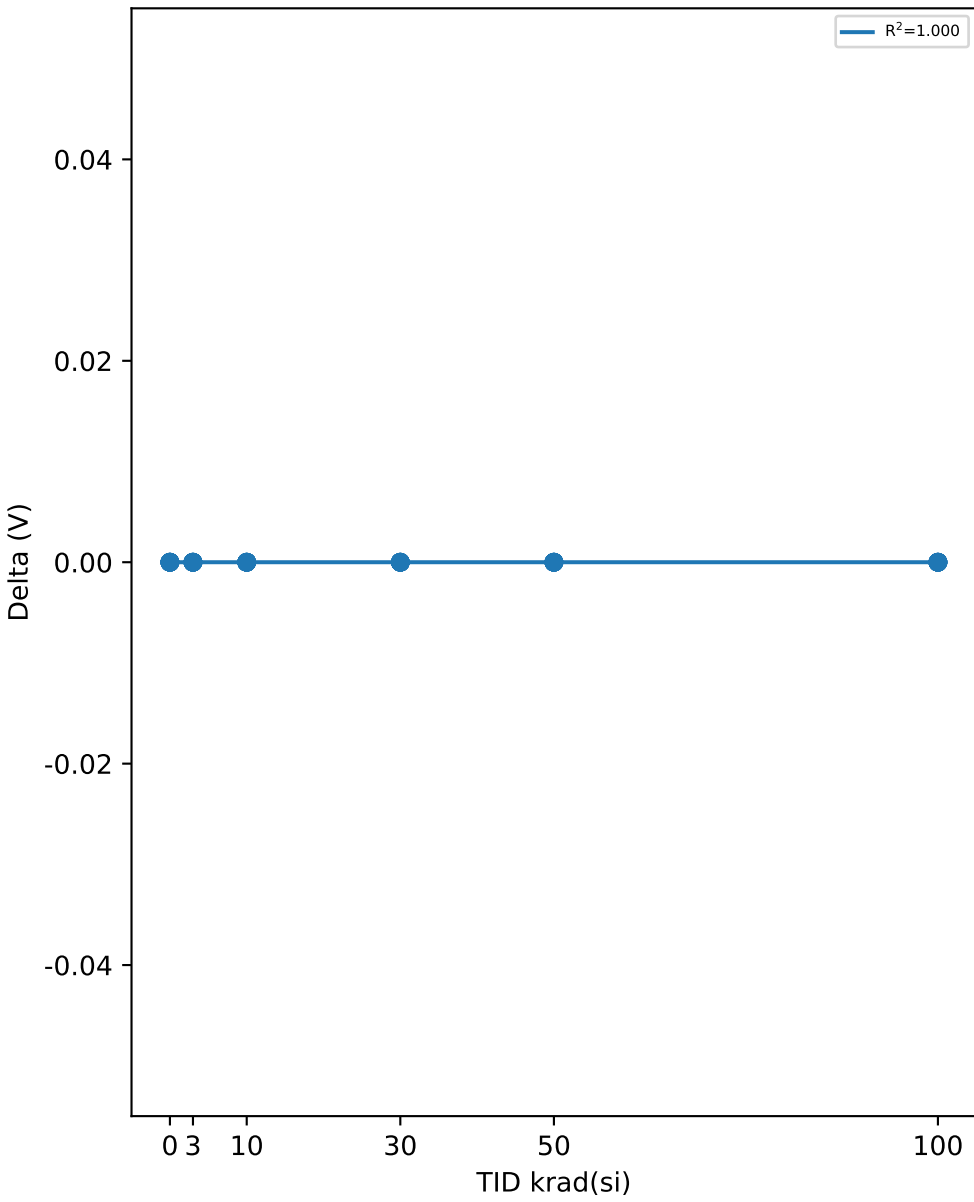
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

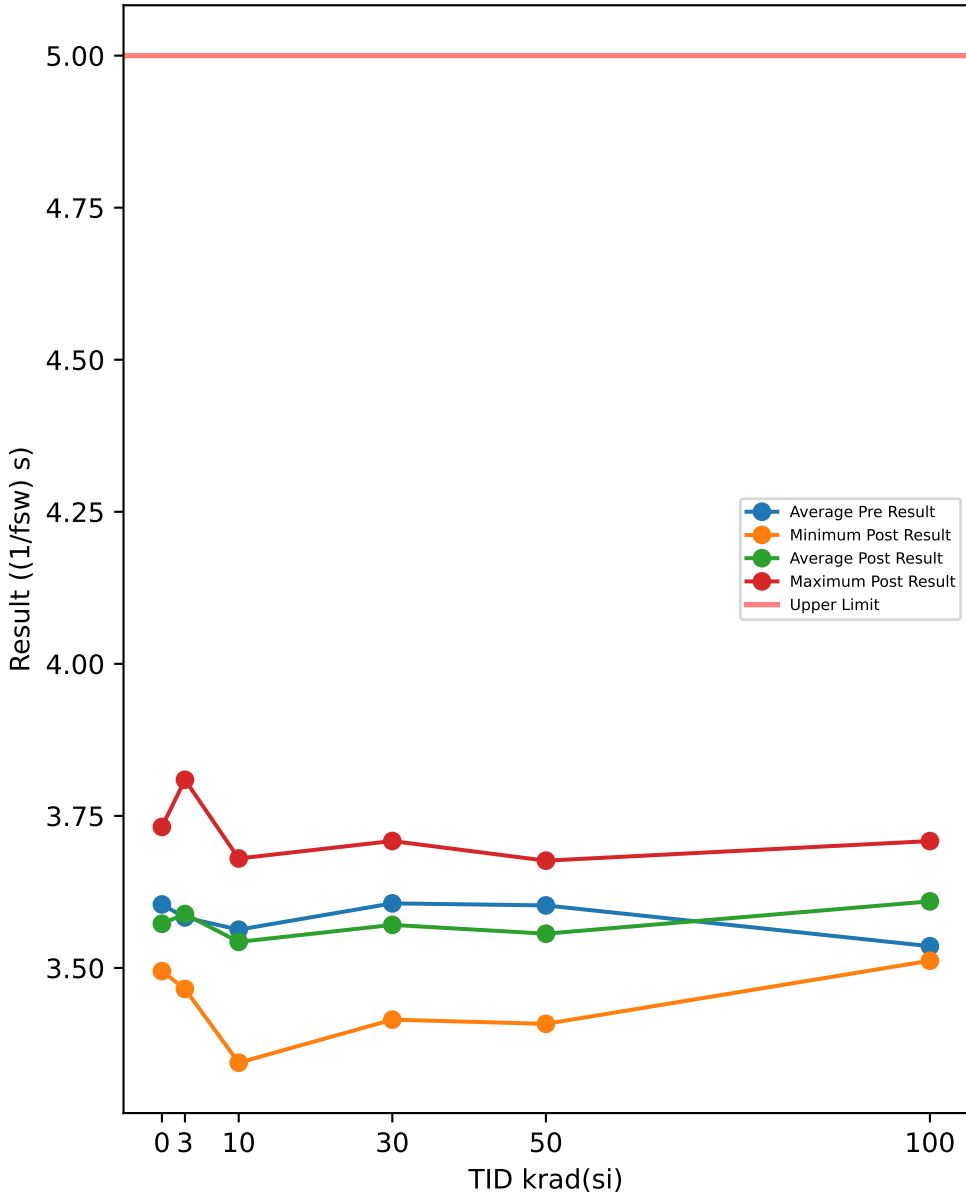
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

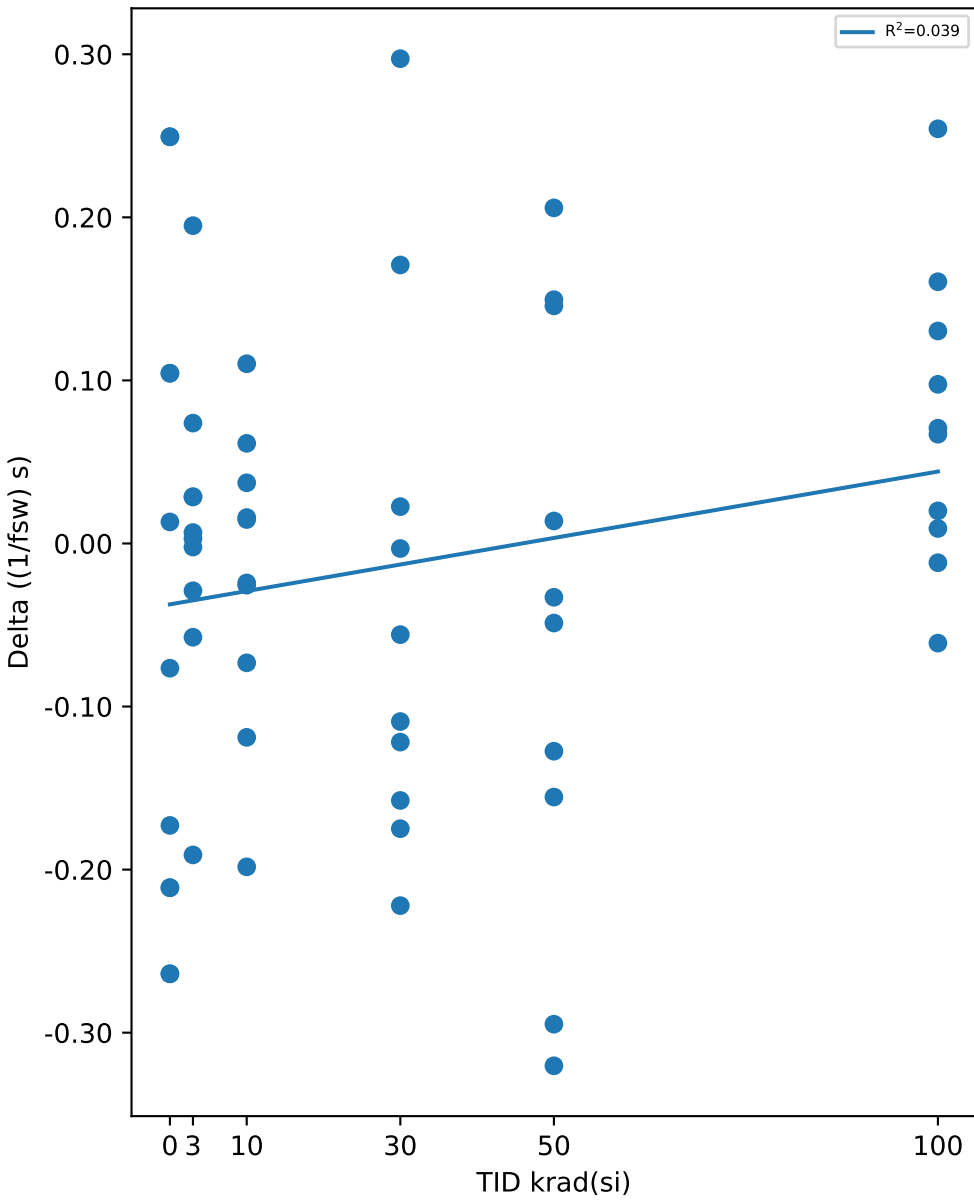
TID vs Result Stats



Test Results (Upper Limit = 5.0 ((1/fsw) s))

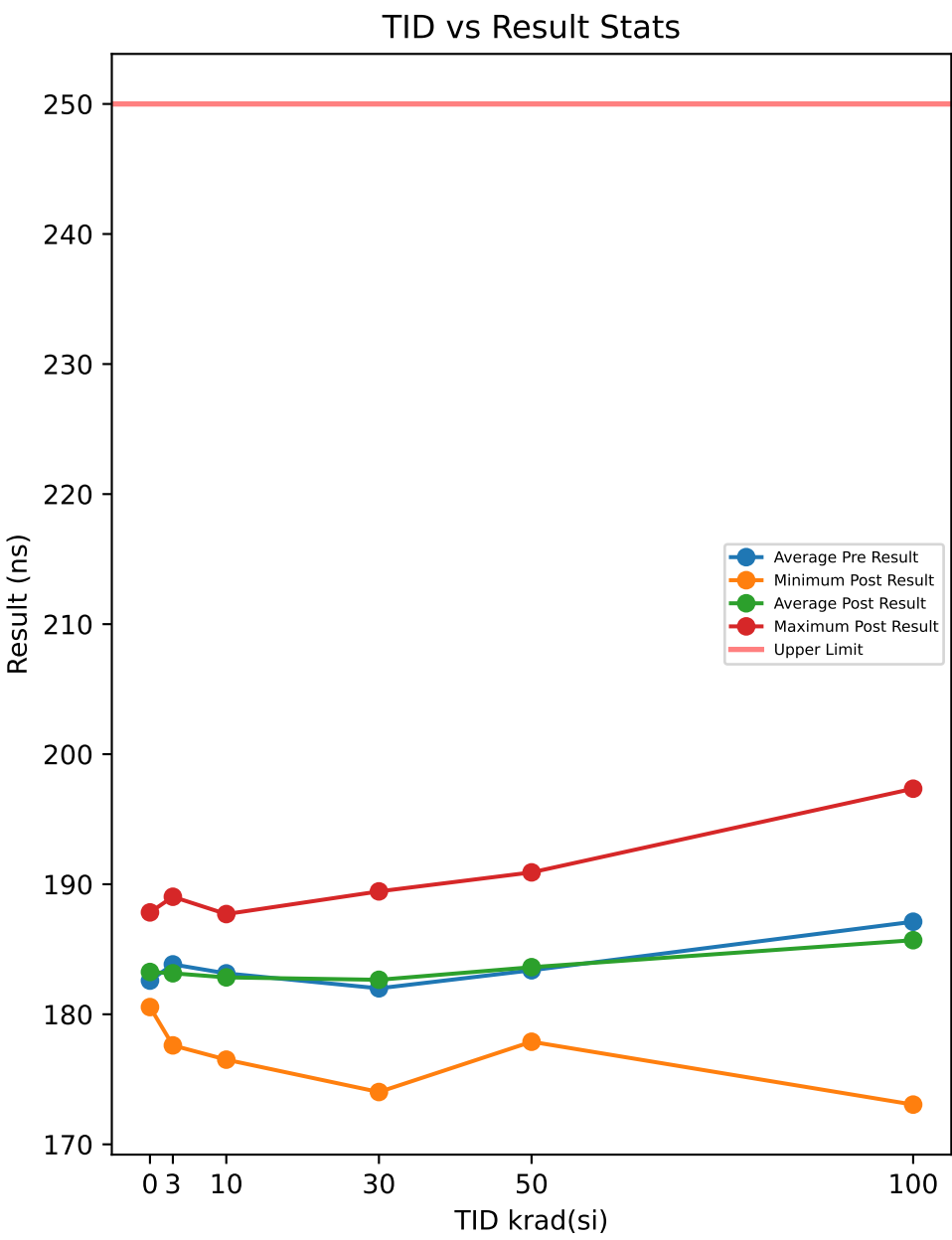
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.4816	3.4948	0.0132
516	0	CORRELATION	3.6719	3.499	-0.1729
721	0	CORRELATION	3.6167	3.5402	-0.0765
723	0	CORRELATION	3.4825	3.5869	0.1044
729	0	CORRELATION	3.7694	3.5583	-0.2111
1000	3	Unbiased	3.8065	3.8094	0.0029
1001	3	Unbiased	3.5441	3.5726	0.0285
1002	3	Unbiased	3.5705	3.6443	0.0738
1003	3	Unbiased	3.4588	3.4655	0.0067
1004	3	Unbiased	3.6628	3.4718	-0.191
1005	3	Biased	3.4327	3.6276	0.1949
1006	3	Biased	3.5759	3.5469	-0.029
1007	3	Biased	3.5578	3.5556	-0.0022
1008	3	Biased	3.6086	3.6373	0.0287
1009	3	Biased	3.6129	3.5554	-0.0575
1010	10	Unbiased	3.5043	3.5415	0.0372
1011	10	Unbiased	3.5126	3.574	0.0614
1012	10	Unbiased	3.4954	3.6056	0.1102
1013	10	Unbiased	3.4631	3.3442	-0.1189
1014	10	Unbiased	3.6383	3.6542	0.0159
1015	10	Biased	3.6052	3.6199	0.0147
1016	10	Biased	3.5463	3.348	-0.1983
1017	10	Biased	3.7532	3.68	-0.0732
1018	10	Biased	3.5688	3.5446	-0.0242
1019	10	Biased	3.5423	3.5167	-0.0256
1020	30	Unbiased	3.6292	3.6518	0.0226
1021	30	Unbiased	3.4114	3.7087	0.2973
1022	30	Unbiased	3.6476	3.5384	-0.1092
1023	30	Unbiased	3.6715	3.4966	-0.1749
1024	30	Unbiased	3.6371	3.415	-0.2221
1025	30	Biased	3.4589	3.6297	0.1708
1026	30	Biased	3.638	3.5162	-0.1218
1027	30	Biased	3.5893	3.5862	-0.0031
1028	30	Biased	3.6827	3.6268	-0.0559
1029	30	Biased	3.6962	3.5386	-0.1576
1030	50	Unbiased	3.8166	3.5218	-0.2948
1031	50	Unbiased	3.6983	3.5428	-0.1555
1032	50	Unbiased	3.3587	3.5082	0.1495
1033	50	Unbiased	3.6277	3.5003	-0.1274
1034	50	Unbiased	3.4621	3.6679	0.2058
1035	50	Biased-84Hr-Anneal	3.5701	3.5213	-0.0488
1036	50	Biased-84Hr-Anneal	3.7284	3.4081	-0.3203
1037	50	Biased-84Hr-Anneal	3.6444	3.6114	-0.033
1038	50	Biased-84Hr-Anneal	3.5914	3.6052	0.0138
1039	50	Biased-84Hr-Anneal	3.5307	3.6764	0.1457
1040	100	Unbiased-168Hr-Anneal	3.4449	3.5119	0.067
1041	100	Unbiased-168Hr-Anneal	3.5887	3.5979	0.0092
1042	100	Unbiased-168Hr-Anneal	3.5552	3.5752	0.02
1043	100	Unbiased-168Hr-Anneal	3.6903	3.6292	-0.0611
1044	100	Unbiased-168Hr-Anneal	3.6086	3.6793	0.0707
1045	100	Biased-168Hr-Anneal	3.5409	3.6712	0.1303
1046	100	Biased-168Hr-Anneal	3.5388	3.527	-0.0118
1047	100	Biased-168Hr-Anneal	3.4103	3.6646	0.2543
1048	100	Biased-168Hr-Anneal	3.5481	3.7086	0.1605
1049	100	Biased-168Hr-Anneal	3.4321	3.5297	0.0976

TID vs Post - Pre Exposure Delta



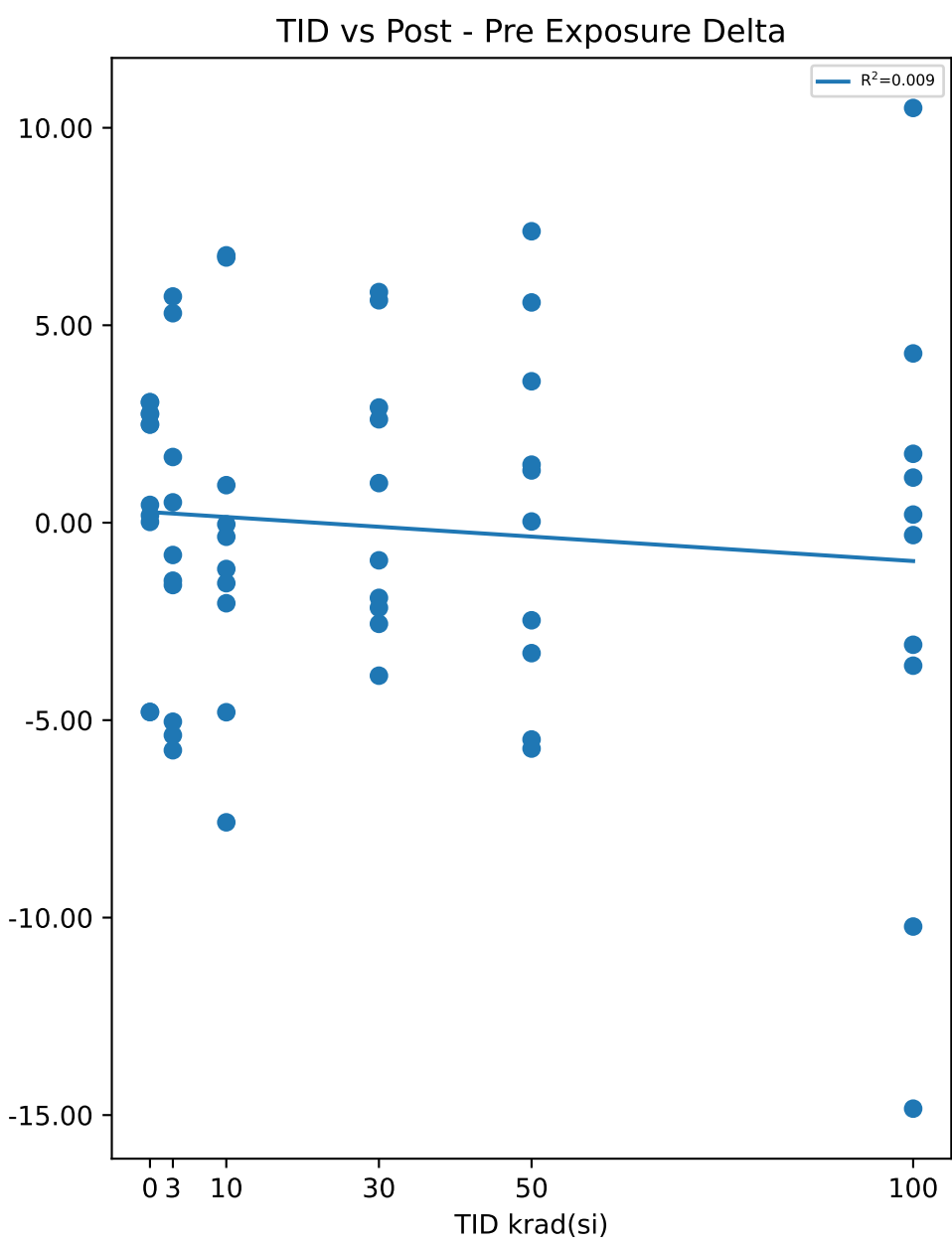
Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4816	3.6044	3.7694	0.12437	3.4948	3.5358	3.5869	0.039281	-0.2111	-0.06858	0.1044	0.13026
3	3.4327	3.5831	3.8065	0.10448	3.4655	3.5886	3.8094	0.099292	-0.191	0.00558	0.1949	0.097436
10	3.4631	3.5629	3.7532	0.084921	3.3442	3.5429	3.68	0.11555	-0.1983	-0.02008	0.1102	0.09055
30	3.4114	3.6062	3.6962	0.095659	3.415	3.5708	3.7087	0.086453	-0.2221	-0.03539	0.2973	0.16337
50	3.3587	3.6028	3.8166	0.13281	3.4081	3.5563	3.6764	0.083211	-0.3203	-0.0465	0.2058	0.18193
100	3.4103	3.5358	3.6903	0.086473	3.5119	3.6095	3.7086	0.071441	-0.0611	0.07367	0.2543	0.092198



Test Results (Upper Limit = 250.0 (ns))

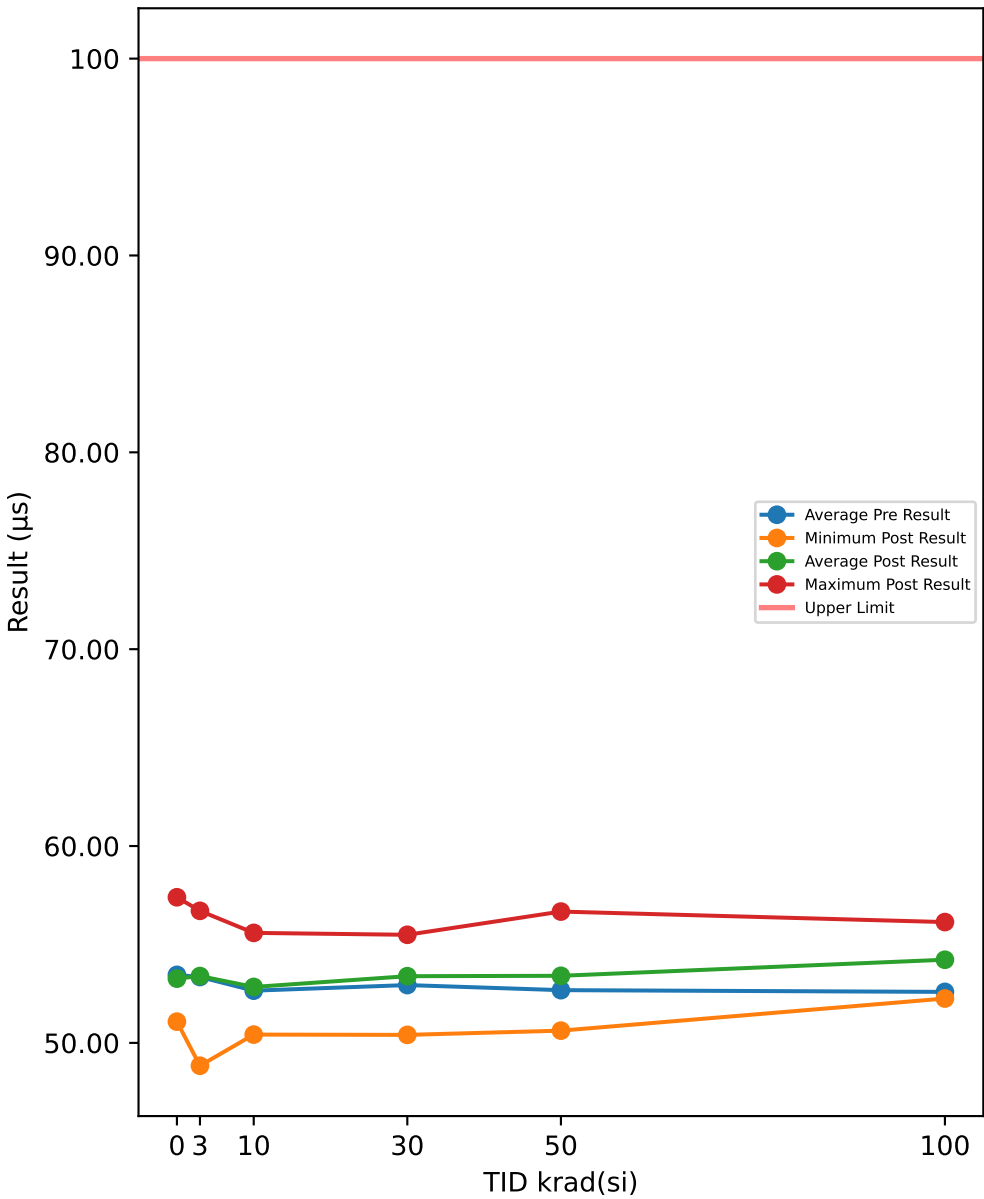
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	183.49	183.95	0.4515
516	0	CORRELATION	182.7	182.88	0.1864
721	0	CORRELATION	181.69	181.71	0.0192
723	0	CORRELATION	185.35	180.55	-4.793
729	0	CORRELATION	179.72	182.47	2.7547
1000	3	Unbiased	185.33	183.86	-1.468
1001	3	Unbiased	187.89	182.85	-5.0393
1002	3	Unbiased	188.52	189.04	0.5151
1003	3	Unbiased	174.88	180.19	5.3044
1004	3	Unbiased	188.46	183.08	-5.3824
1005	3	Biased	188.87	183.11	-5.7622
1006	3	Biased	184.58	183	-1.5788
1007	3	Biased	182.1	183.76	1.6637
1008	3	Biased	179.31	185.04	5.7286
1009	3	Biased	178.43	177.61	-0.8176
1010	10	Unbiased	183.34	182.98	-0.3561
1011	10	Unbiased	178.48	185.19	6.7152
1012	10	Unbiased	186.76	187.71	0.9506
1013	10	Unbiased	186.61	185.08	-1.5318
1014	10	Unbiased	184.88	180.08	-4.7993
1015	10	Biased	184.1	176.51	-7.5869
1016	10	Biased	185.18	185.14	-0.0406
1017	10	Biased	181.2	179.16	-2.0395
1018	10	Biased	176.74	183.51	6.7701
1019	10	Biased	184.18	183.01	-1.1719
1020	30	Unbiased	188.45	189.45	1.0028
1021	30	Unbiased	187.43	185.53	-1.9032
1022	30	Unbiased	179.77	185.41	5.6317
1023	30	Unbiased	181.21	184.13	2.9168
1024	30	Unbiased	186.67	185.72	-0.9532
1025	30	Biased	180.56	183.18	2.6176
1026	30	Biased	179.68	177.12	-2.5609
1027	30	Biased	182.86	180.71	-2.1528
1028	30	Biased	175.42	181.26	5.8403
1029	30	Biased	177.9	174.02	-3.8739
1030	50	Unbiased	170.51	177.89	7.3799
1031	50	Unbiased	185.15	181.85	-3.3032
1032	50	Unbiased	184.24	187.82	3.5811
1033	50	Unbiased	181.2	182.52	1.3229
1034	50	Unbiased	175.75	181.33	5.5776
1035	50	Biased-84Hr-Anneal	187.55	187.58	0.0305
1036	50	Biased-84Hr-Anneal	184.71	182.24	-2.4707
1037	50	Biased-84Hr-Anneal	187.12	181.63	-5.4896
1038	50	Biased-84Hr-Anneal	189.44	190.91	1.4698
1039	50	Biased-84Hr-Anneal	188.17	182.45	-5.7193
1040	100	Unbiased-168Hr-Anneal	189.66	191.4	1.7448
1041	100	Unbiased-168Hr-Anneal	193.06	197.35	4.2862
1042	100	Unbiased-168Hr-Anneal	178.39	188.89	10.502
1043	100	Unbiased-168Hr-Anneal	188.87	188.56	-0.3141
1044	100	Unbiased-168Hr-Anneal	183.72	183.92	0.2062
1045	100	Biased-168Hr-Anneal	184.75	174.53	-10.226
1046	100	Biased-168Hr-Anneal	185.33	186.47	1.1426
1047	100	Biased-168Hr-Anneal	187.89	173.06	-14.837
1048	100	Biased-168Hr-Anneal	191.36	187.74	-3.6204
1049	100	Biased-168Hr-Anneal	188.16	185.07	-3.0905



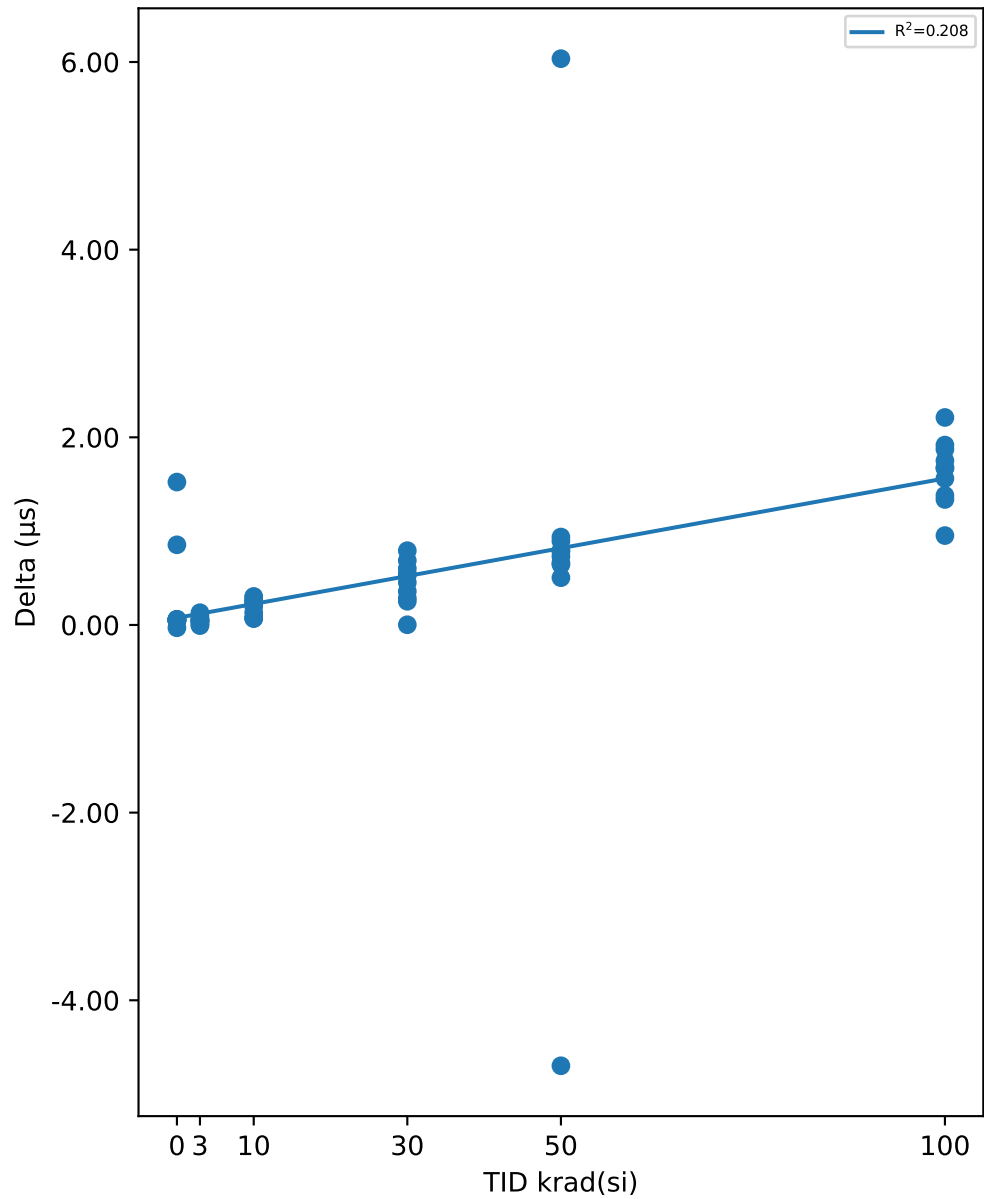
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	179.72	182.59	185.35	2.0912	180.55	182.31	183.95	1.2719	-4.793	-0.27624	2.7547	2.7577
3	174.88	183.84	188.87	4.9536	177.61	183.15	189.04	2.9573	-5.7622	-0.68365	5.7286	4.1123
10	176.74	183.15	186.76	3.3472	176.51	182.84	187.71	3.3531	-7.5869	-0.30902	6.7701	4.4657
30	175.42	182	188.45	4.306	174.02	182.65	189.45	4.5306	-3.8739	0.65652	5.8403	3.4739
50	170.51	183.38	189.44	6.0117	177.89	183.62	190.91	3.89	-5.7193	0.2379	7.3799	4.492
100	178.39	187.12	193.06	4.2312	173.06	185.7	197.35	7.2995	-14.837	-1.4207	10.502	7.1518

TID vs Result Stats



TID vs Post - Pre Exposure Delta



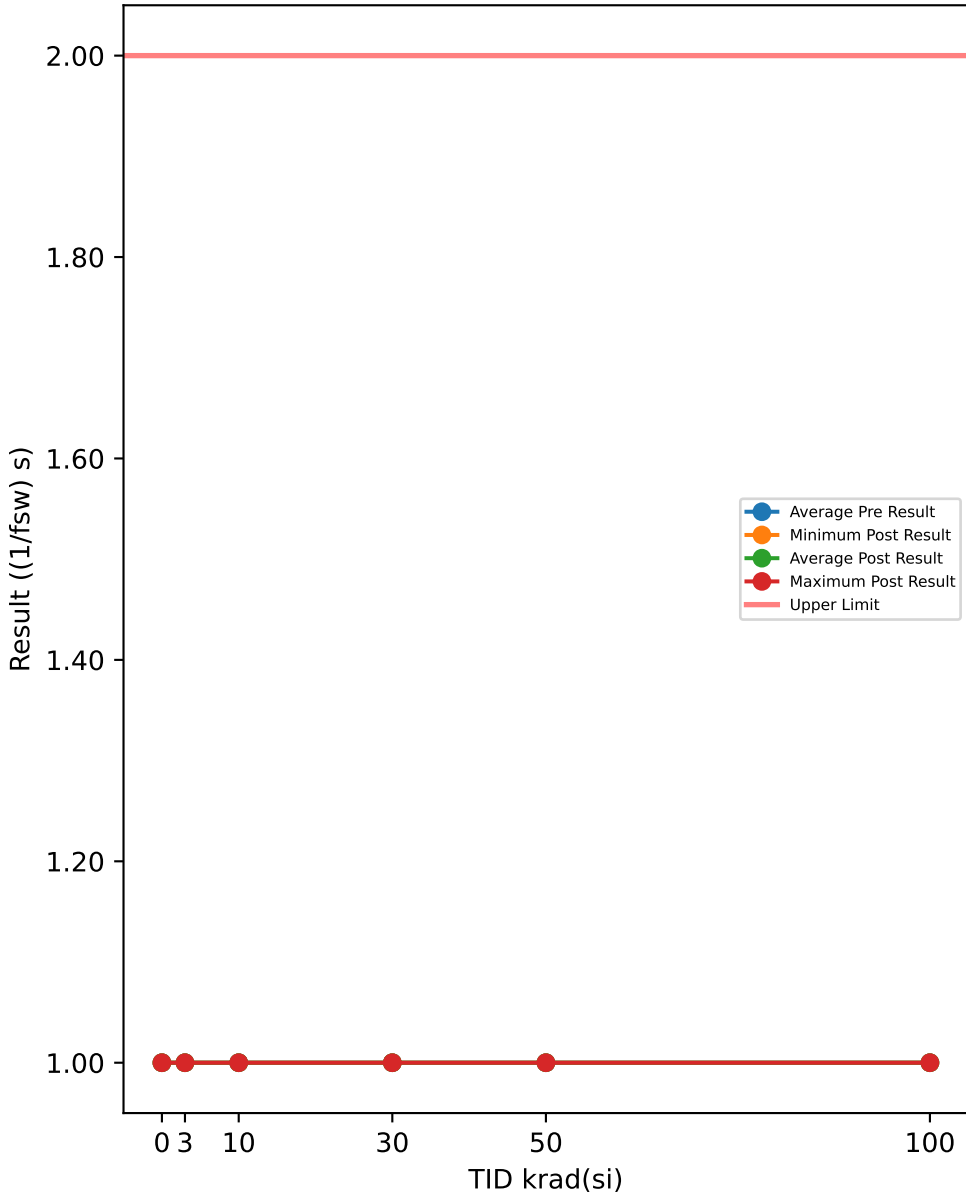
Test Results (Upper Limit = 100.0 (µs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	55.874	57.398	1.5231
516	0	CORRELATION	55.007	55.861	0.8543
721	0	CORRELATION	51.109	51.079	-0.0299
723	0	CORRELATION	51.425	51.481	0.0554
729	0	CORRELATION	53.858	53.919	0.0604
1000	3	Unbiased	51.974	52.027	0.0533
1001	3	Unbiased	54.087	54.217	0.1307
1002	3	Unbiased	52.519	52.522	0.0026
1003	3	Unbiased	52.516	52.557	0.0411
1004	3	Unbiased	54.686	54.679	-0.0069
1005	3	Biased	56.665	56.708	0.0427
1006	3	Biased	55.808	55.83	0.0224
1007	3	Biased	51.217	51.275	0.0579
1008	3	Biased	48.792	48.84	0.0485
1009	3	Biased	55.206	55.298	0.0917
1010	10	Unbiased	54.418	54.71	0.2926
1011	10	Unbiased	52.381	52.513	0.1318
1012	10	Unbiased	53.111	53.179	0.0676
1013	10	Unbiased	52.381	52.454	0.0728
1014	10	Unbiased	52.501	52.805	0.3042
1015	10	Biased	55.326	55.588	0.2624
1016	10	Biased	52.38	52.624	0.2441
1017	10	Biased	50.179	50.421	0.242
1018	10	Biased	53.064	53.263	0.1986
1019	10	Biased	50.787	50.865	0.0777
1020	30	Unbiased	50.619	51.149	0.5302
1021	30	Unbiased	55.205	55.491	0.2867
1022	30	Unbiased	52.215	52.218	0.0023
1023	30	Unbiased	51.087	51.539	0.4522
1024	30	Unbiased	54.011	54.698	0.6867
1025	30	Biased	54.039	54.585	0.5459
1026	30	Biased	53.926	54.528	0.6021
1027	30	Biased	50.049	50.407	0.3582
1028	30	Biased	54.116	54.908	0.7921
1029	30	Biased	54.106	54.359	0.2526
1030	50	Unbiased	54.252	54.983	0.7313
1031	50	Unbiased	55.733	56.671	0.9373
1032	50	Unbiased	51.919	52.713	0.7942
1033	50	Unbiased	51.775	52.559	0.7839
1034	50	Unbiased	51.197	52.091	0.8939
1035	50	Biased-84Hr-Anneal	50.819	51.462	0.6436
1036	50	Biased-84Hr-Anneal	53.25	53.913	0.6626
1037	50	Biased-84Hr-Anneal	52.626	53.13	0.504
1038	50	Biased-84Hr-Anneal	55.32	50.622	-4.6981
1039	50	Biased-84Hr-Anneal	49.9	55.935	6.0356
1040	100	Unbiased-168Hr-Anneal	53.91	55.661	1.7509
1041	100	Unbiased-168Hr-Anneal	50.933	52.85	1.9174
1042	100	Unbiased-168Hr-Anneal	53.285	54.846	1.5611
1043	100	Unbiased-168Hr-Anneal	54.757	56.137	1.3808
1044	100	Unbiased-168Hr-Anneal	51.028	52.706	1.6772
1045	100	Biased-168Hr-Anneal	53.242	54.579	1.3376
1046	100	Biased-168Hr-Anneal	50.558	52.77	2.2115
1047	100	Biased-168Hr-Anneal	54.9	55.853	0.9528
1048	100	Biased-168Hr-Anneal	50.583	52.253	1.6701
1049	100	Biased-168Hr-Anneal	52.714	54.587	1.8727

Test Statistics (µs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	51.109	53.455	55.874	2.1242	51.079	53.947	57.398	2.7331	-0.0299	0.49266	1.5231	0.67892
3	48.792	53.347	56.665	2.3901	48.84	53.395	56.708	2.3905	-0.0069	0.0484	0.1307	0.040387
10	50.179	52.653	55.326	1.5087	50.421	52.842	55.588	1.542	0.0676	0.18938	0.3042	0.093824
30	50.049	52.937	55.205	1.7921	50.407	53.388	55.491	1.8503	0.0023	0.4509	0.7921	0.23245
50	49.9	52.679	55.733	1.9403	50.622	53.408	56.671	1.9531	-4.6981	0.72883	6.0356	2.5332
100	50.558	52.591	54.9	1.7009	52.253	54.224	56.137	1.4612	0.9528	1.6332	2.2115	0.35102

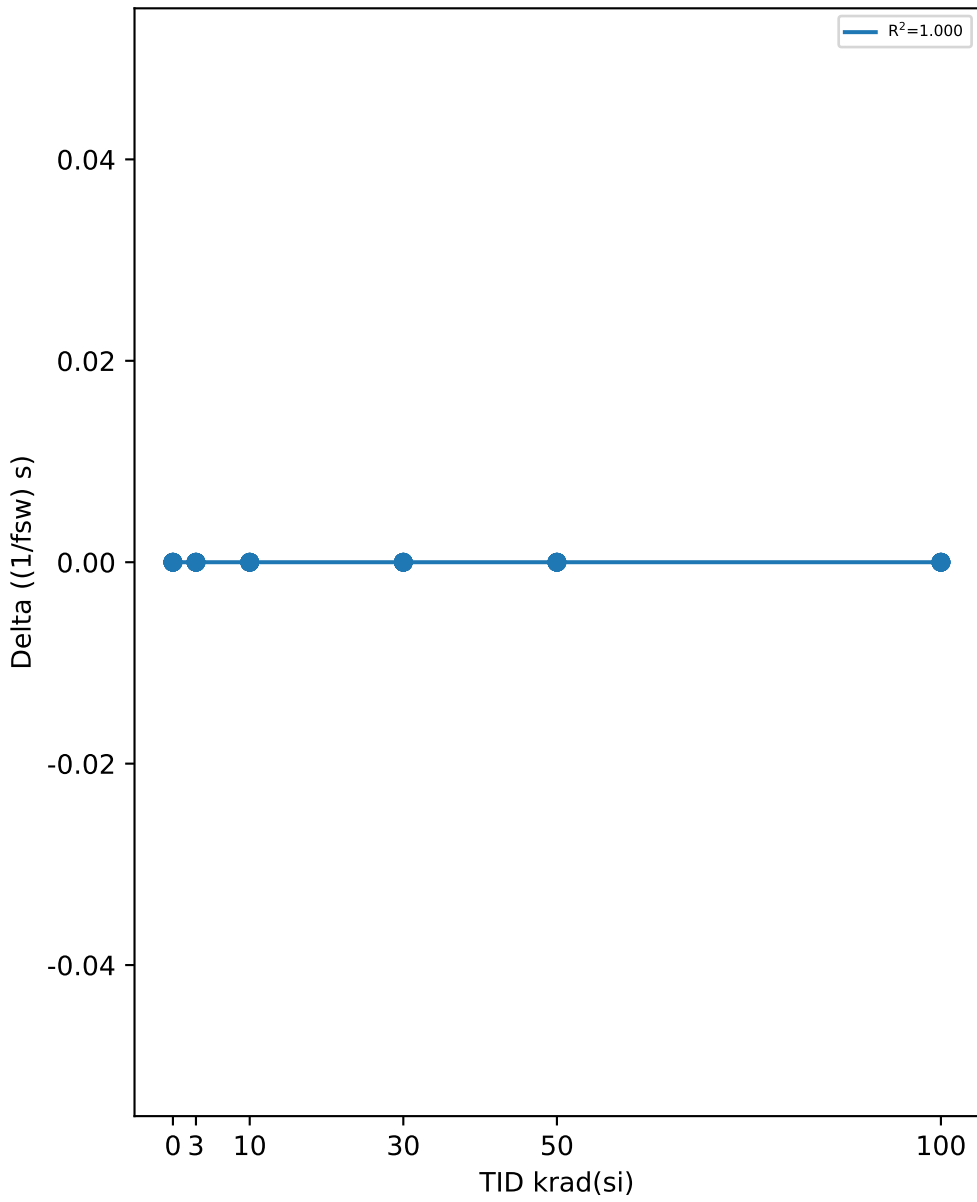
TID vs Result Stats



Test Results (Upper Limit = 2.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1	1	0
516	0	CORRELATION	1	1	0
721	0	CORRELATION	1	1	0
723	0	CORRELATION	1	1	0
729	0	CORRELATION	1	1	0
1000	3	Unbiased	1	1	0
1001	3	Unbiased	1	1	0
1002	3	Unbiased	1	1	0
1003	3	Unbiased	1	1	0
1004	3	Unbiased	1	1	0
1005	3	Biased	1	1	0
1006	3	Biased	1	1	0
1007	3	Biased	1	1	0
1008	3	Biased	1	1	0
1009	3	Biased	1	1	0
1010	10	Unbiased	1	1	0
1011	10	Unbiased	1	1	0
1012	10	Unbiased	1	1	0
1013	10	Unbiased	1	1	0
1014	10	Unbiased	1	1	0
1015	10	Biased	1	1	0
1016	10	Biased	1	1	0
1017	10	Biased	1	1	0
1018	10	Biased	1	1	0
1019	10	Biased	1	1	0
1020	30	Unbiased	1	1	0
1021	30	Unbiased	1	1	0
1022	30	Unbiased	1	1	0
1023	30	Unbiased	1	1	0
1024	30	Unbiased	1	1	0
1025	30	Biased	1	1	0
1026	30	Biased	1	1	0
1027	30	Biased	1	1	0
1028	30	Biased	1	1	0
1029	30	Biased	1	1	0
1030	50	Unbiased	1	1	0
1031	50	Unbiased	1	1	0
1032	50	Unbiased	1	1	0
1033	50	Unbiased	1	1	0
1034	50	Unbiased	1	1	0
1035	50	Biased-84Hr-Anneal	1	1	0
1036	50	Biased-84Hr-Anneal	1	1	0
1037	50	Biased-84Hr-Anneal	1	1	0
1038	50	Biased-84Hr-Anneal	1	1	0
1039	50	Biased-84Hr-Anneal	1	1	0
1040	100	Unbiased-168Hr-Anneal	1	1	0
1041	100	Unbiased-168Hr-Anneal	1	1	0
1042	100	Unbiased-168Hr-Anneal	1	1	0
1043	100	Unbiased-168Hr-Anneal	1	1	0
1044	100	Unbiased-168Hr-Anneal	1	1	0
1045	100	Biased-168Hr-Anneal	1	1	0
1046	100	Biased-168Hr-Anneal	1	1	0
1047	100	Biased-168Hr-Anneal	1	1	0
1048	100	Biased-168Hr-Anneal	1	1	0
1049	100	Biased-168Hr-Anneal	1	1	0

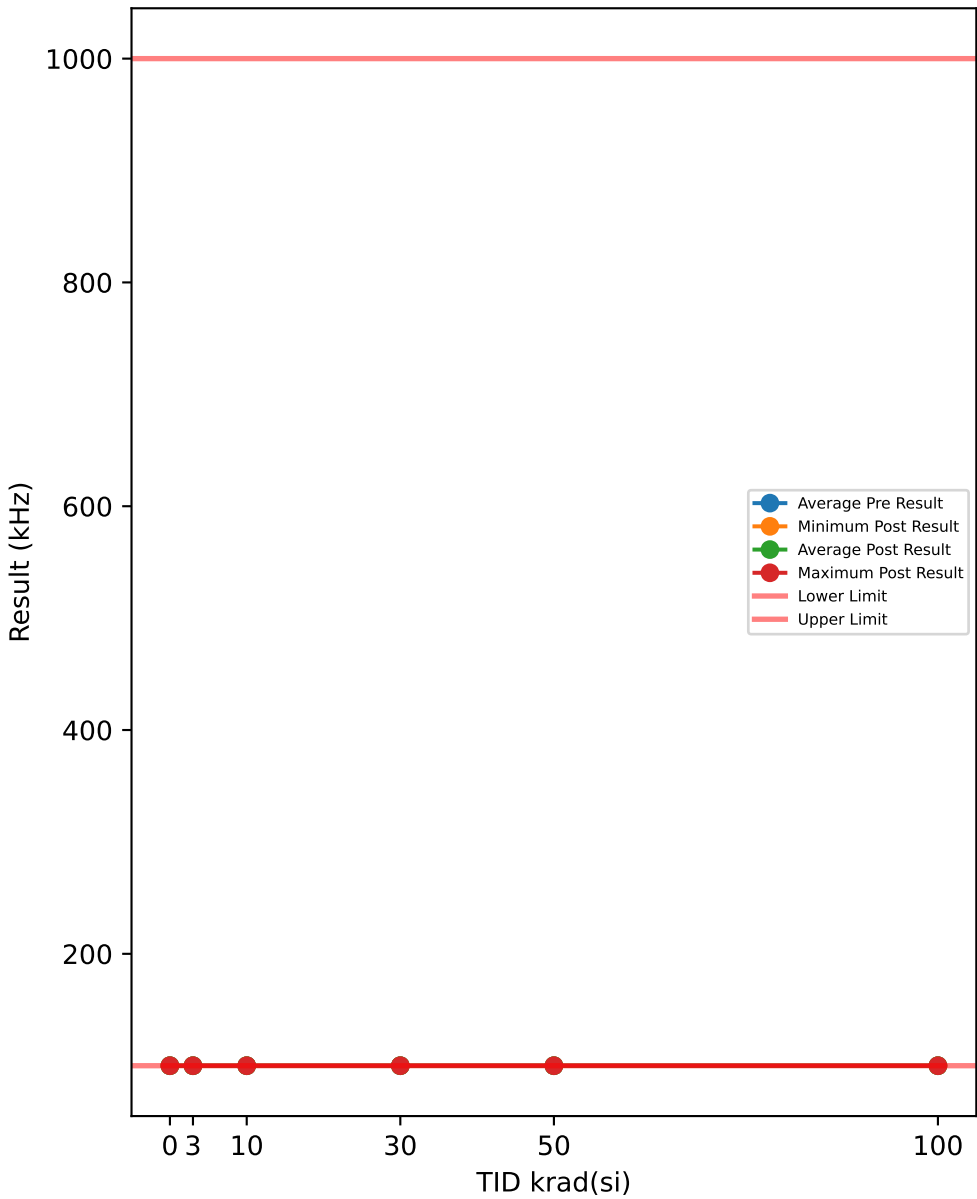
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1	1	1	0	1	1	1	0	0	0	0	0
3	1	1	1	0	1	1	1	0	0	0	0	0
10	1	1	1	0	1	1	1	0	0	0	0	0
30	1	1	1	0	1	1	1	0	0	0	0	0
50	1	1	1	0	1	1	1	0	0	0	0	0
100	1	1	1	0	1	1	1	0	0	0	0	0

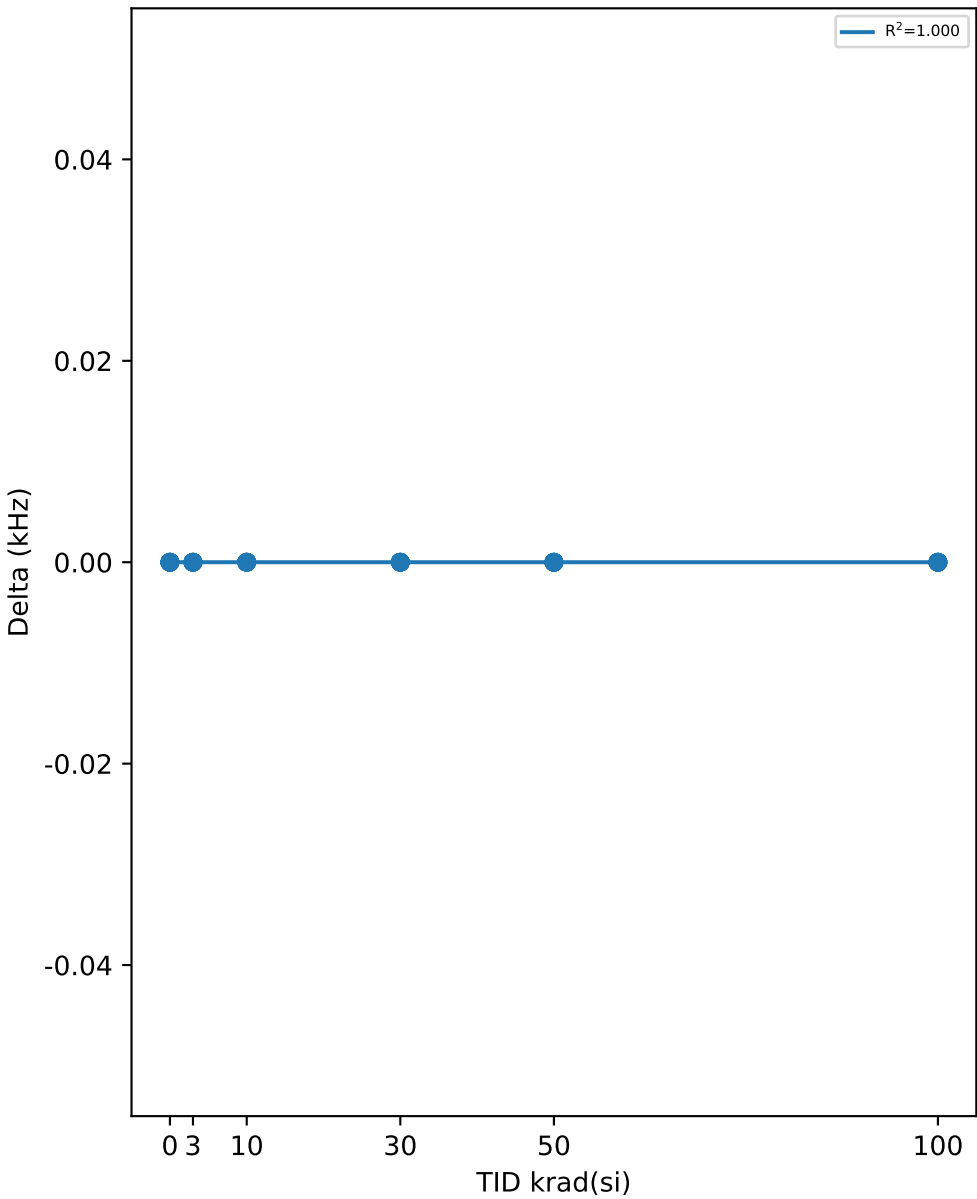
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	100	100	0
516	0	CORRELATION	100	100	0
721	0	CORRELATION	100	100	0
723	0	CORRELATION	100	100	0
729	0	CORRELATION	100	100	0
1000	3	Unbiased	100	100	0
1001	3	Unbiased	100	100	0
1002	3	Unbiased	100	100	0
1003	3	Unbiased	100	100	0
1004	3	Unbiased	100	100	0
1005	3	Biased	100	100	0
1006	3	Biased	100	100	0
1007	3	Biased	100	100	0
1008	3	Biased	100	100	0
1009	3	Biased	100	100	0
1010	10	Unbiased	100	100	0
1011	10	Unbiased	100	100	0
1012	10	Unbiased	100	100	0
1013	10	Unbiased	100	100	0
1014	10	Unbiased	100	100	0
1015	10	Biased	100	100	0
1016	10	Biased	100	100	0
1017	10	Biased	100	100	0
1018	10	Biased	100	100	0
1019	10	Biased	100	100	0
1020	30	Unbiased	100	100	0
1021	30	Unbiased	100	100	0
1022	30	Unbiased	100	100	0
1023	30	Unbiased	100	100	0
1024	30	Unbiased	100	100	0
1025	30	Biased	100	100	0
1026	30	Biased	100	100	0
1027	30	Biased	100	100	0
1028	30	Biased	100	100	0
1029	30	Biased	100	100	0
1030	50	Unbiased	100	100	0
1031	50	Unbiased	100	100	0
1032	50	Unbiased	100	100	0
1033	50	Unbiased	100	100	0
1034	50	Unbiased	100	100	0
1035	50	Biased-84Hr-Anneal	100	100	0
1036	50	Biased-84Hr-Anneal	100	100	0
1037	50	Biased-84Hr-Anneal	100	100	0
1038	50	Biased-84Hr-Anneal	100	100	0
1039	50	Biased-84Hr-Anneal	100	100	0
1040	100	Unbiased-168Hr-Anneal	100	100	0
1041	100	Unbiased-168Hr-Anneal	100	100	0
1042	100	Unbiased-168Hr-Anneal	100	100	0
1043	100	Unbiased-168Hr-Anneal	100	100	0
1044	100	Unbiased-168Hr-Anneal	100	100	0
1045	100	Biased-168Hr-Anneal	100	100	0
1046	100	Biased-168Hr-Anneal	100	100	0
1047	100	Biased-168Hr-Anneal	100	100	0
1048	100	Biased-168Hr-Anneal	100	100	0
1049	100	Biased-168Hr-Anneal	100	100	0

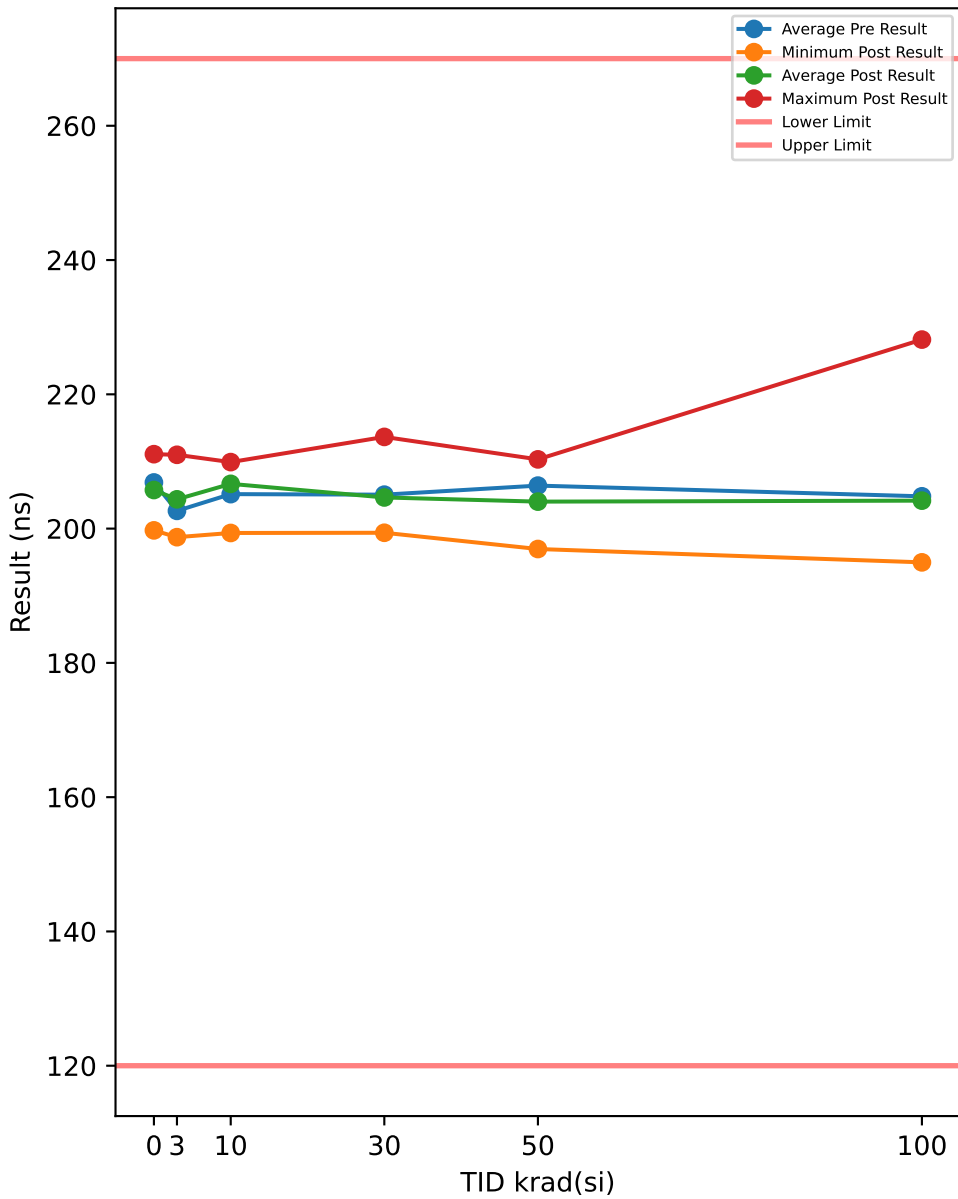
TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100	100	100	0	100	100	100	0	0	0	0	0
3	100	100	100	0	100	100	100	0	0	0	0	0
10	100	100	100	0	100	100	100	0	0	0	0	0
30	100	100	100	0	100	100	100	0	0	0	0	0
50	100	100	100	0	100	100	100	0	0	0	0	0
100	100	100	100	0	100	100	100	0	0	0	0	0

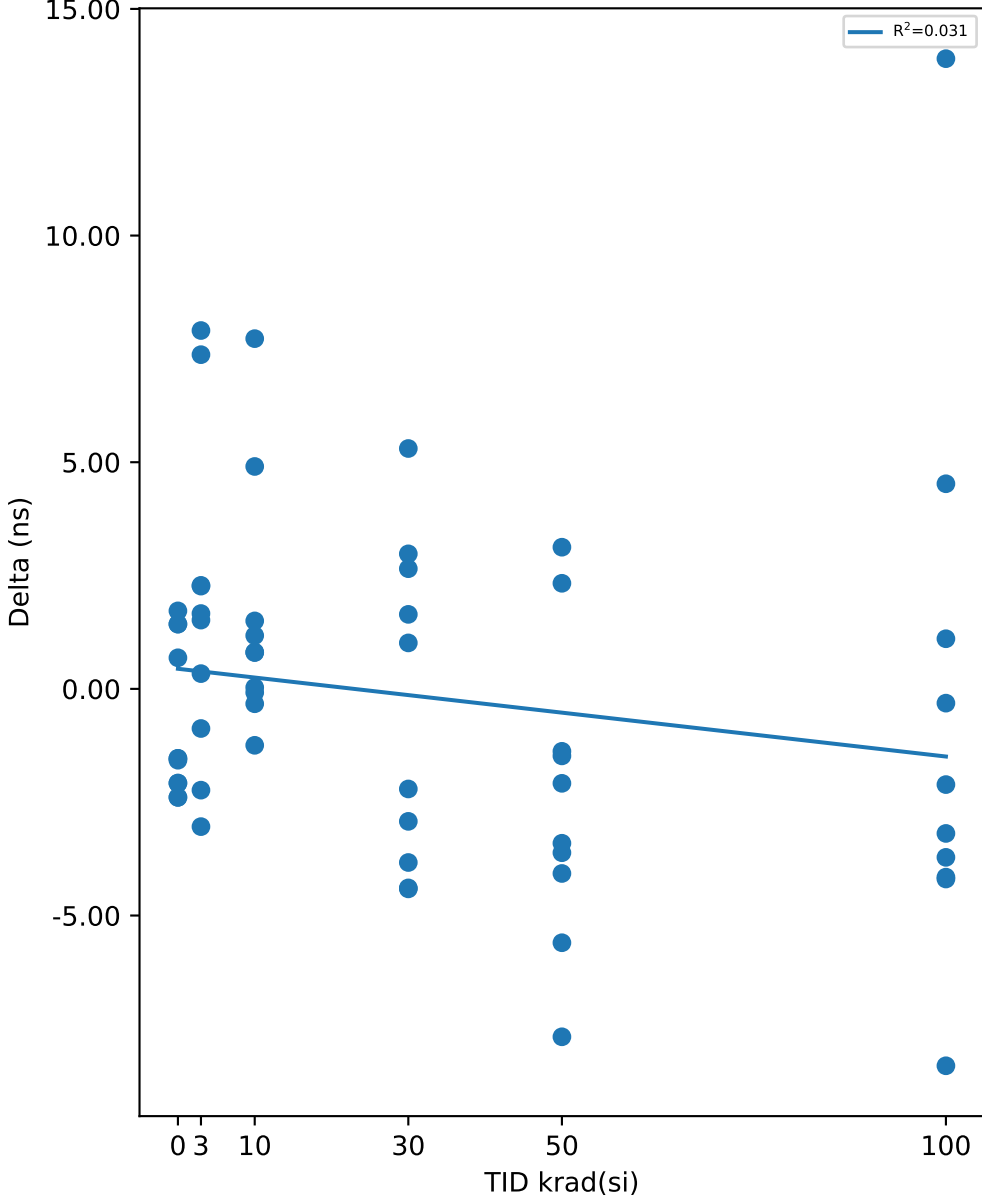
TID vs Result Stats



Test Results (Lower Limit = 120.0, Upper Limit = 270.0 (ns))

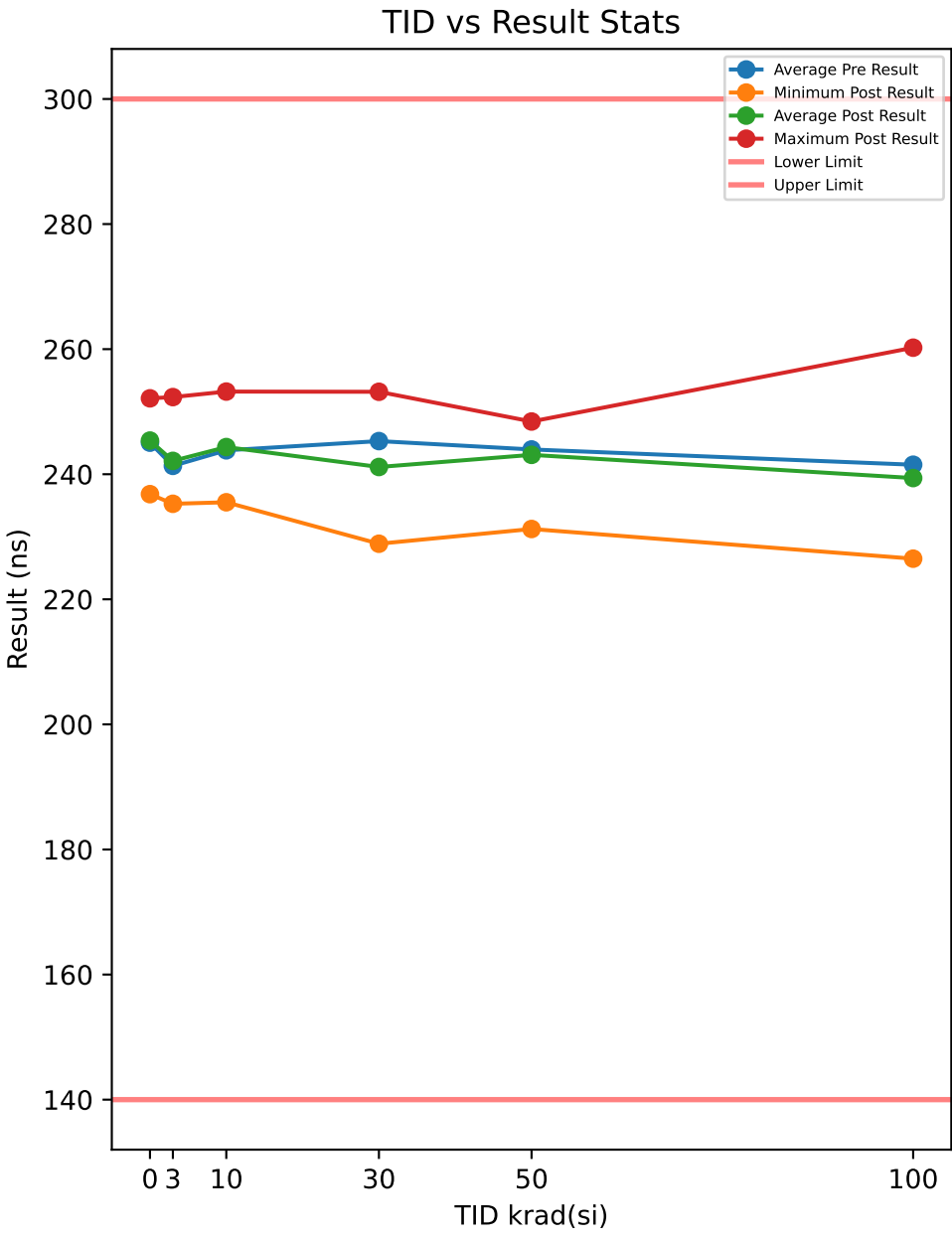
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	209.36	211.08	1.7206
516	0	CORRELATION	205.37	203.79	-1.574
721	0	CORRELATION	207.25	207.93	0.6856
723	0	CORRELATION	201.27	202.7	1.4293
729	0	CORRELATION	211.12	208.73	-2.3925
1000	3	Unbiased	205.1	206.62	1.517
1001	3	Unbiased	196.44	198.72	2.2835
1002	3	Unbiased	200.4	200.74	0.3365
1003	3	Unbiased	207.52	204.49	-3.0387
1004	3	Unbiased	200.14	208.05	7.9054
1005	3	Biased	202.02	204.28	2.2669
1006	3	Biased	204.75	206.41	1.6619
1007	3	Biased	203.64	202.77	-0.8741
1008	3	Biased	202.77	200.53	-2.2342
1009	3	Biased	203.62	210.99	7.3726
1010	10	Unbiased	200.59	199.35	-1.2449
1011	10	Unbiased	205.1	205.9	0.8008
1012	10	Unbiased	204.03	208.93	4.9062
1013	10	Unbiased	205.54	206.35	0.8103
1014	10	Unbiased	208.24	208.16	-0.0802
1015	10	Biased	207.9	209.07	1.1758
1016	10	Biased	206.1	205.77	-0.3283
1017	10	Biased	206.8	208.3	1.4994
1018	10	Biased	204.88	204.91	0.0311
1019	10	Biased	202.18	209.9	7.7262
1020	30	Unbiased	201.86	207.16	5.3026
1021	30	Unbiased	212.01	213.66	1.6437
1022	30	Unbiased	207.29	203.46	-3.8302
1023	30	Unbiased	205.47	202.54	-2.9226
1024	30	Unbiased	204.85	200.44	-4.412
1025	30	Biased	201.85	199.64	-2.2078
1026	30	Biased	208.75	211.73	2.9787
1027	30	Biased	203.71	204.73	1.014
1028	30	Biased	208.04	203.65	-4.3908
1029	30	Biased	196.73	199.38	2.6513
1030	50	Unbiased	202.56	196.96	-5.6002
1031	50	Unbiased	204.68	203.21	-1.4783
1032	50	Unbiased	204.37	200.76	-3.6143
1033	50	Unbiased	207.67	204.26	-3.4057
1034	50	Unbiased	207.64	203.57	-4.0722
1035	50	Biased-84Hr-Anneal	208.23	206.85	-1.3774
1036	50	Biased-84Hr-Anneal	207.32	205.23	-2.0836
1037	50	Biased-84Hr-Anneal	207.19	210.31	3.1252
1038	50	Biased-84Hr-Anneal	202.86	205.19	2.3292
1039	50	Biased-84Hr-Anneal	211.5	203.83	-7.6751
1040	100	Unbiased-168Hr-Anneal	200.75	200.43	-0.3149
1041	100	Unbiased-168Hr-Anneal	198.69	194.97	-3.7167
1042	100	Unbiased-168Hr-Anneal	207.9	199.58	-8.3144
1043	100	Unbiased-168Hr-Anneal	209.96	205.8	-4.1527
1044	100	Unbiased-168Hr-Anneal	207.48	203.28	-4.1943
1045	100	Biased-168Hr-Anneal	204.97	209.5	4.5248
1046	100	Biased-168Hr-Anneal	202.52	199.33	-3.189
1047	100	Biased-168Hr-Anneal	214.25	228.15	13.902
1048	100	Biased-168Hr-Anneal	202.82	200.71	-2.1113
1049	100	Biased-168Hr-Anneal	198.77	199.87	1.1058

TID vs Post - Pre Exposure Delta



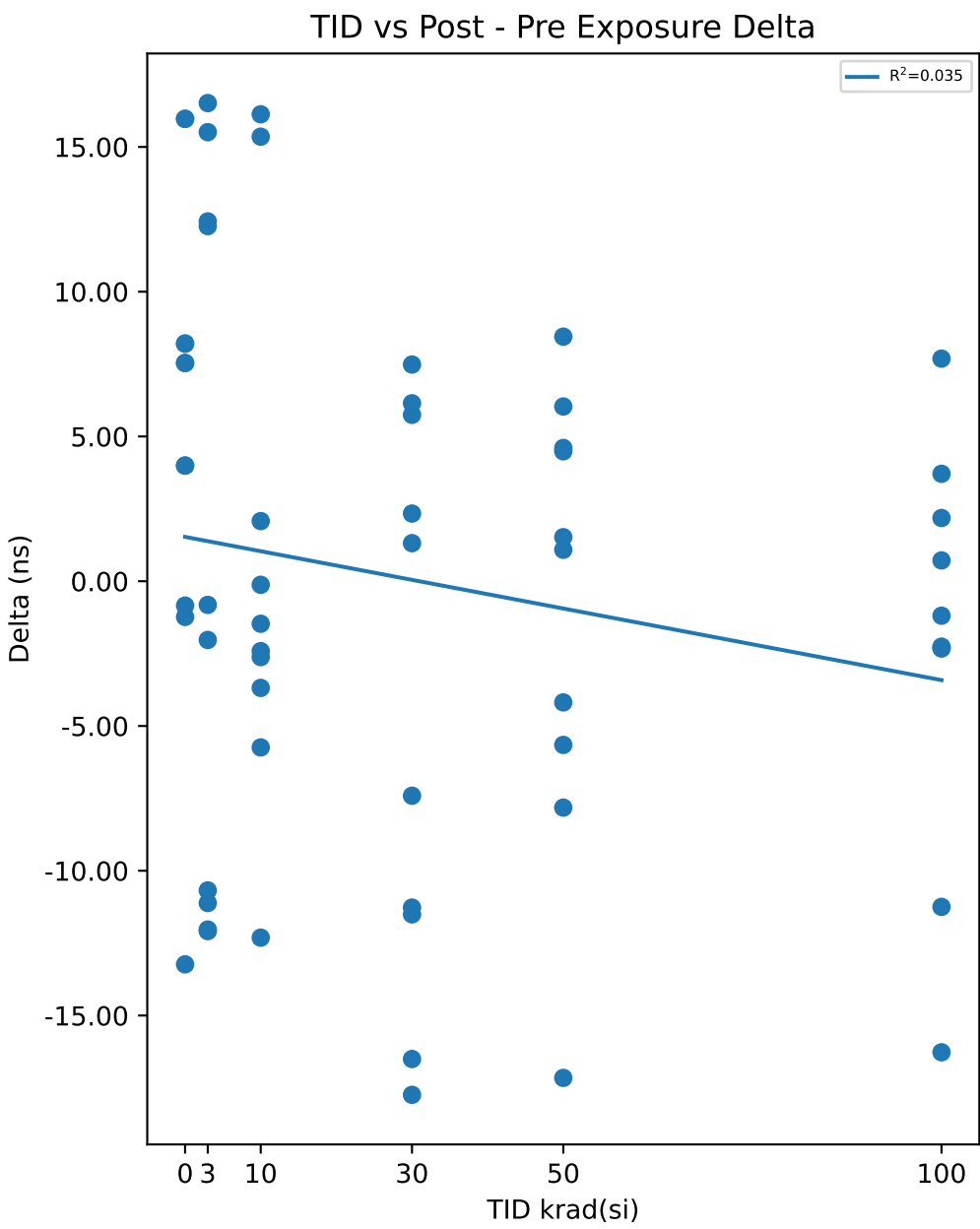
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	201.27	206.87	211.12	3.8094	202.7	206.85	211.08	3.5071	-2.3925	-0.0262	1.7206	1.8488
3	196.44	202.64	207.52	3.0992	198.72	204.36	210.99	3.786	-3.0387	1.7197	7.9054	3.6178
10	200.59	205.14	208.24	2.3989	199.35	206.66	209.9	3.063	-1.2449	1.5296	7.7262	2.7276
30	196.73	205.06	212.01	4.3174	199.38	204.64	213.66	4.8869	-4.412	-0.41731	5.3026	3.5409
50	202.56	206.4	211.5	2.7547	196.96	204.02	210.31	3.5258	-7.6751	-2.3852	3.1252	3.3038
100	198.69	204.81	214.25	5.0771	194.97	204.16	228.15	9.3122	-8.3144	-0.64605	13.902	6.1761



Test Results (Lower Limit = 140.0, Upper Limit = 300.0 (ns))

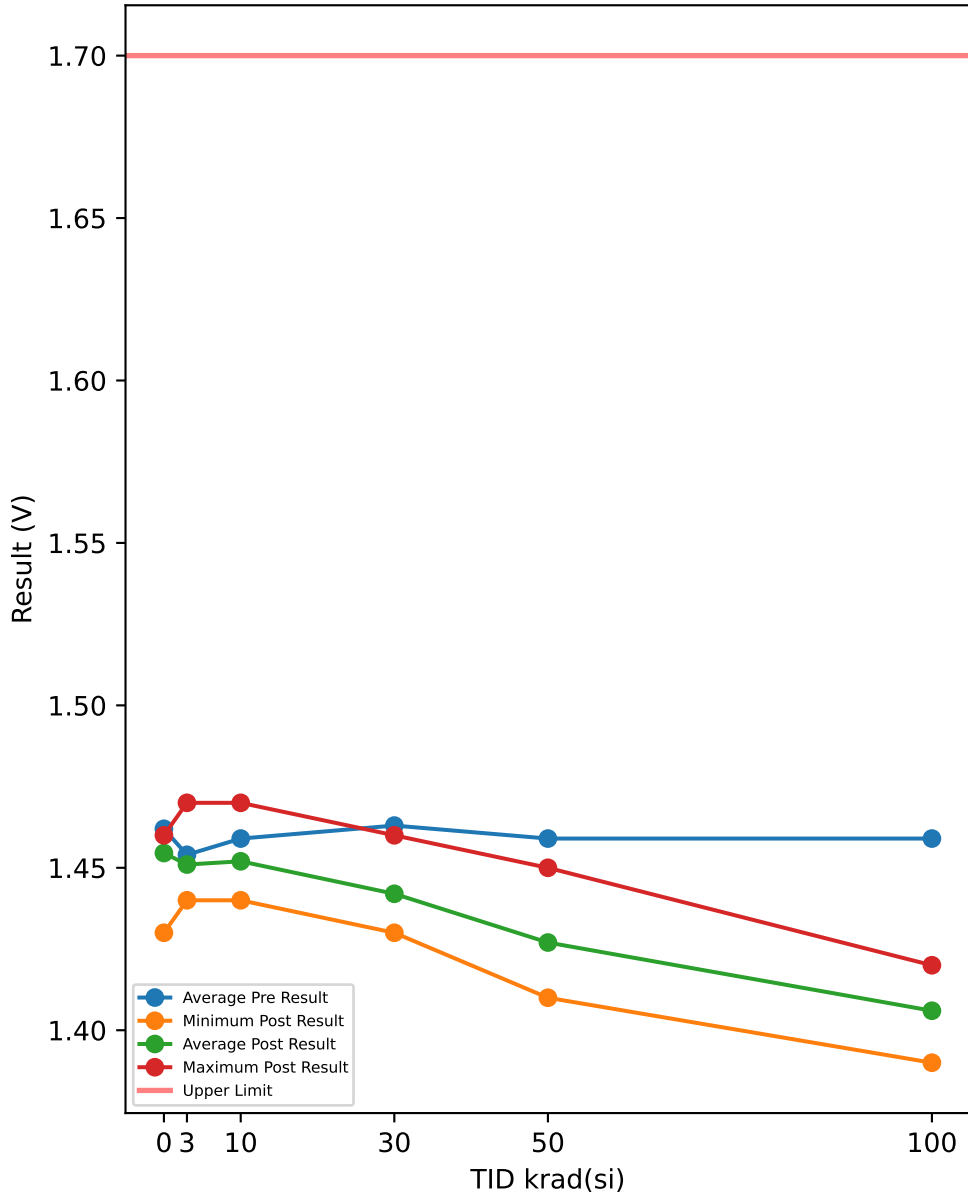
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	253.37	252.13	-1.2333
516	0	CORRELATION	249.19	248.35	-0.8416
721	0	CORRELATION	250.05	236.81	-13.232
723	0	CORRELATION	230.81	246.78	15.968
729	0	CORRELATION	241.81	245.8	3.9938
1000	3	Unbiased	248.4	236.31	-12.084
1001	3	Unbiased	226.95	243.47	16.515
1002	3	Unbiased	242.6	241.79	-0.8168
1003	3	Unbiased	253.24	242.12	-11.115
1004	3	Unbiased	239.91	252.33	12.428
1005	3	Biased	232.86	248.37	15.511
1006	3	Biased	247.3	235.27	-12.031
1007	3	Biased	232.04	244.3	12.266
1008	3	Biased	247.86	237.18	-10.679
1009	3	Biased	242.22	240.19	-2.0281
1010	10	Unbiased	245.39	243.92	-1.4694
1011	10	Unbiased	250.49	247.87	-2.6194
1012	10	Unbiased	243.33	245.4	2.0775
1013	10	Unbiased	247.83	235.52	-12.311
1014	10	Unbiased	236.7	252.05	15.354
1015	10	Biased	237.09	253.22	16.128
1016	10	Biased	248.83	243.09	-5.7404
1017	10	Biased	237.35	237.22	-0.1237
1018	10	Biased	250.11	246.43	-3.6846
1019	10	Biased	241.11	238.7	-2.4143
1020	30	Unbiased	241.62	249.1	7.4845
1021	30	Unbiased	254.79	243.29	-11.507
1022	30	Unbiased	251.84	240.57	-11.273
1023	30	Unbiased	249.26	232.75	-16.502
1024	30	Unbiased	235.2	241.34	6.1457
1025	30	Biased	246.62	228.88	-17.74
1026	30	Biased	250.84	253.18	2.3371
1027	30	Biased	234.06	235.37	1.3136
1028	30	Biased	251.55	244.14	-7.4087
1029	30	Biased	237.2	242.94	5.7472
1030	50	Unbiased	246.38	238.56	-7.8195
1031	50	Unbiased	243.36	247.85	4.4865
1032	50	Unbiased	248.4	231.24	-17.155
1033	50	Unbiased	236.86	245.31	8.4476
1034	50	Unbiased	251.9	247.72	-4.1855
1035	50	Biased-84Hr-Anneal	236.79	237.88	1.0865
1036	50	Biased-84Hr-Anneal	245.07	246.59	1.5206
1037	50	Biased-84Hr-Anneal	236.37	240.97	4.6025
1038	50	Biased-84Hr-Anneal	240.39	246.42	6.0347
1039	50	Biased-84Hr-Anneal	254.08	248.43	-5.6543
1040	100	Unbiased-168Hr-Anneal	240.83	243.01	2.1831
1041	100	Unbiased-168Hr-Anneal	242.77	226.5	-16.269
1042	100	Unbiased-168Hr-Anneal	252.29	241.04	-11.248
1043	100	Unbiased-168Hr-Anneal	240.02	237.69	-2.3249
1044	100	Unbiased-168Hr-Anneal	251.12	248.82	-2.3001
1045	100	Biased-168Hr-Anneal	243.71	241.45	-2.2601
1046	100	Biased-168Hr-Anneal	232.09	230.9	-1.1913
1047	100	Biased-168Hr-Anneal	252.54	260.23	7.6878
1048	100	Biased-168Hr-Anneal	231.93	232.65	0.7195
1049	100	Biased-168Hr-Anneal	227.89	231.6	3.7095



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	230.81	245.05	253.37	9.0092	236.81	245.98	252.13	5.6609	-13.232	0.931	15.968	10.535
3	226.95	241.34	253.24	8.4282	235.27	242.13	252.33	5.3627	-12.084	0.79651	16.515	12.225
10	236.7	243.82	250.49	5.5106	235.52	244.34	253.22	5.9469	-12.311	0.51964	16.128	8.8846
30	234.06	245.3	254.79	7.6579	228.88	241.16	253.18	7.299	-17.74	-4.1402	7.4845	9.7979
50	236.37	243.96	254.08	6.3674	231.24	243.1	248.43	5.7093	-17.155	-0.86354	8.4476	7.8176
100	227.89	241.52	252.54	8.8527	226.5	239.39	260.23	9.948	-16.269	-2.1294	7.6878	7.0019

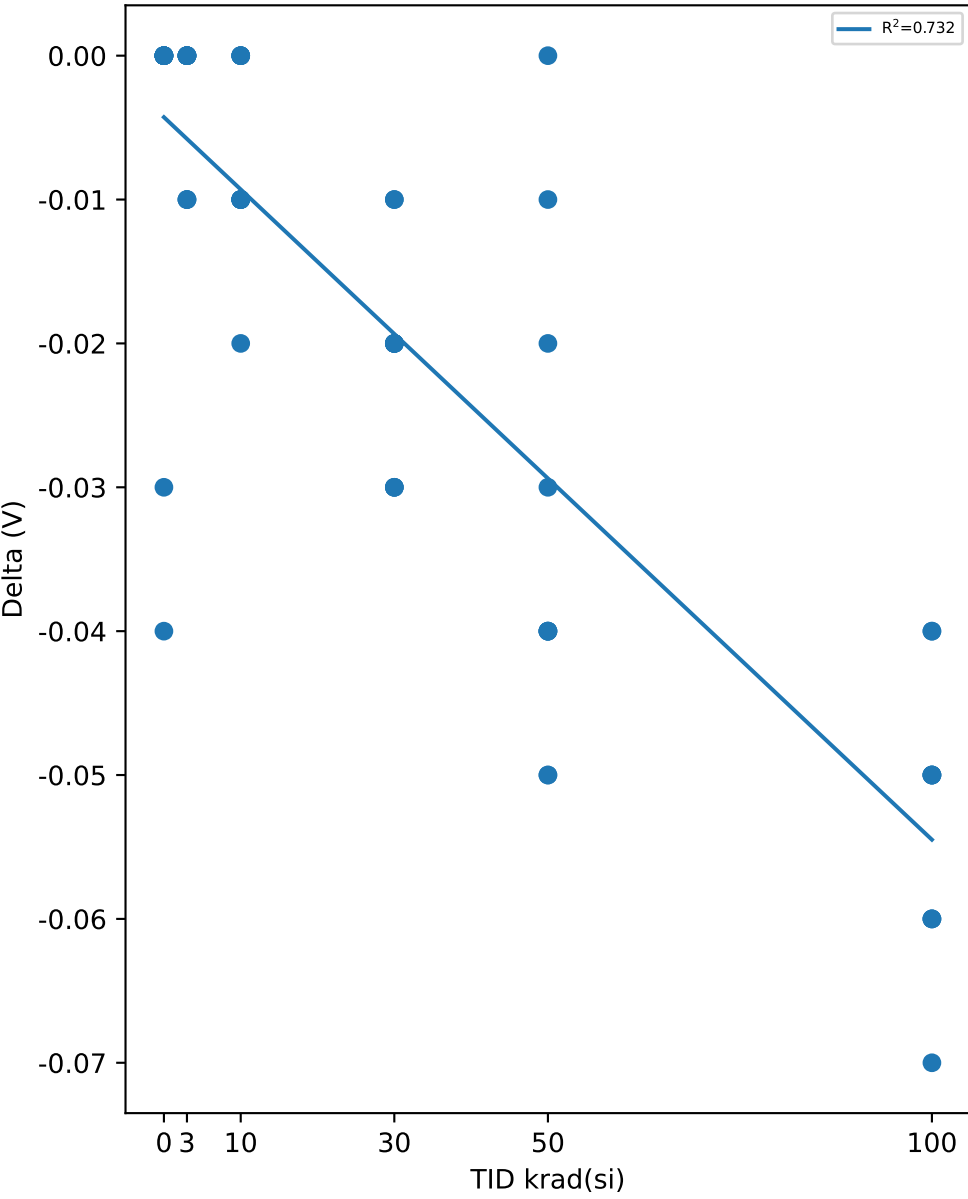
TID vs Result Stats



Test Results (Upper Limit = 1.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.47	1.43	-0.04
516	0	CORRELATION	1.46	1.43	-0.03
721	0	CORRELATION	1.46	1.46	0
723	0	CORRELATION	1.46	1.46	0
729	0	CORRELATION	1.46	1.46	0
1000	3	Unbiased	1.45	1.45	0
1001	3	Unbiased	1.45	1.45	0
1002	3	Unbiased	1.47	1.47	0
1003	3	Unbiased	1.45	1.45	0
1004	3	Unbiased	1.45	1.44	-0.01
1005	3	Biased	1.45	1.45	0
1006	3	Biased	1.46	1.46	0
1007	3	Biased	1.46	1.45	-0.01
1008	3	Biased	1.45	1.44	-0.01
1009	3	Biased	1.45	1.45	0
1010	10	Unbiased	1.45	1.44	-0.01
1011	10	Unbiased	1.45	1.44	-0.01
1012	10	Unbiased	1.46	1.46	0
1013	10	Unbiased	1.45	1.45	0
1014	10	Unbiased	1.47	1.45	-0.02
1015	10	Biased	1.46	1.45	-0.01
1016	10	Biased	1.44	1.44	0
1017	10	Biased	1.47	1.46	-0.01
1018	10	Biased	1.47	1.46	-0.01
1019	10	Biased	1.47	1.47	0
1020	30	Unbiased	1.47	1.44	-0.03
1021	30	Unbiased	1.45	1.43	-0.02
1022	30	Unbiased	1.46	1.43	-0.03
1023	30	Unbiased	1.46	1.44	-0.02
1024	30	Unbiased	1.46	1.43	-0.03
1025	30	Biased	1.47	1.46	-0.01
1026	30	Biased	1.46	1.45	-0.01
1027	30	Biased	1.47	1.45	-0.02
1028	30	Biased	1.47	1.45	-0.02
1029	30	Biased	1.46	1.44	-0.02
1030	50	Unbiased	1.46	1.41	-0.05
1031	50	Unbiased	1.46	1.42	-0.04
1032	50	Unbiased	1.46	1.42	-0.04
1033	50	Unbiased	1.48	1.43	-0.05
1034	50	Unbiased	1.46	1.42	-0.04
1035	50	Biased-84Hr-Anneal	1.46	1.45	-0.01
1036	50	Biased-84Hr-Anneal	1.44	1.42	-0.02
1037	50	Biased-84Hr-Anneal	1.45	1.42	-0.03
1038	50	Biased-84Hr-Anneal	1.45	1.45	0
1039	50	Biased-84Hr-Anneal	1.47	1.43	-0.04
1040	100	Unbiased-168Hr-Anneal	1.45	1.39	-0.06
1041	100	Unbiased-168Hr-Anneal	1.47	1.41	-0.06
1042	100	Unbiased-168Hr-Anneal	1.47	1.4	-0.07
1043	100	Unbiased-168Hr-Anneal	1.47	1.42	-0.05
1044	100	Unbiased-168Hr-Anneal	1.46	1.4	-0.06
1045	100	Biased-168Hr-Anneal	1.45	1.4	-0.05
1046	100	Biased-168Hr-Anneal	1.45	1.41	-0.04
1047	100	Biased-168Hr-Anneal	1.45	1.4	-0.05
1048	100	Biased-168Hr-Anneal	1.46	1.41	-0.05
1049	100	Biased-168Hr-Anneal	1.46	1.42	-0.04

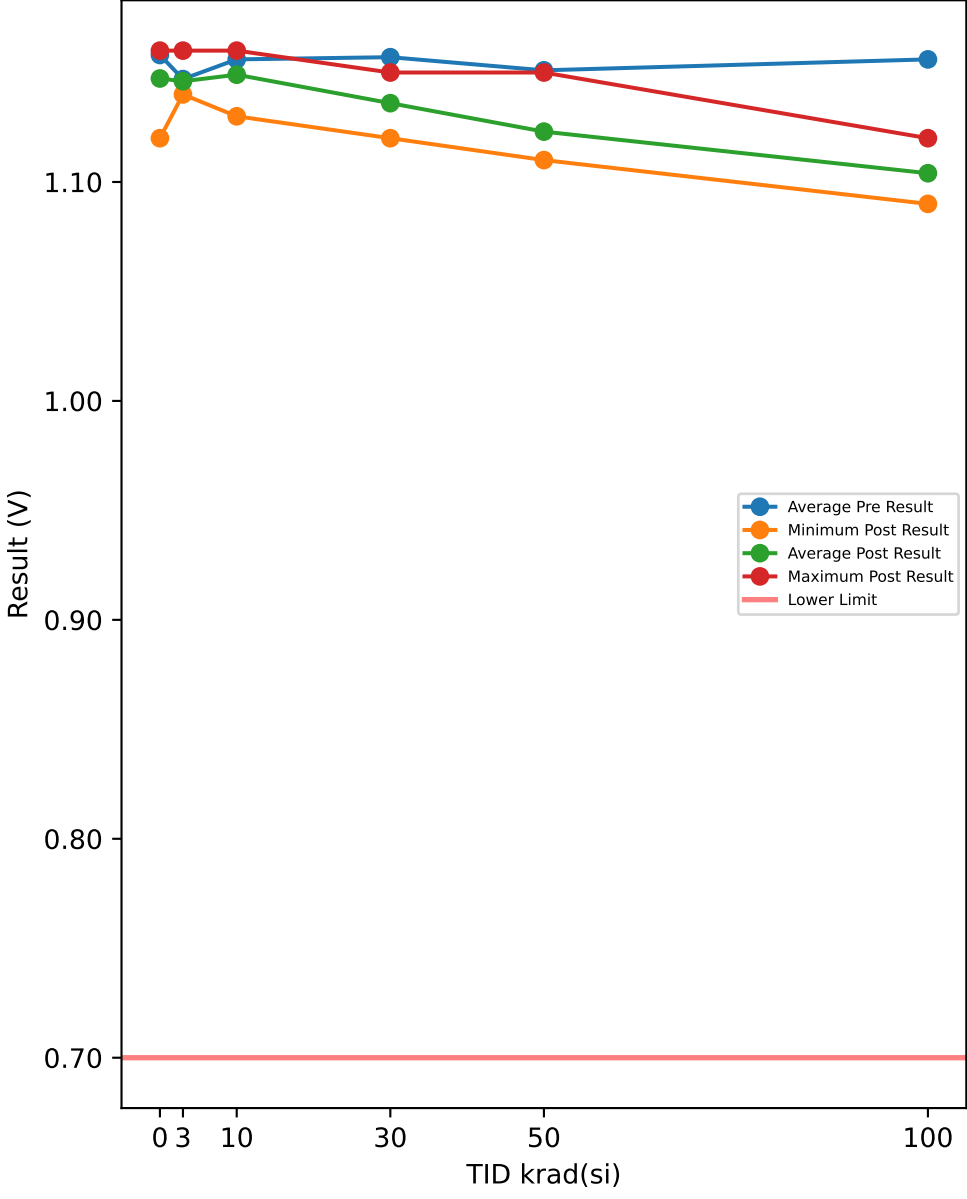
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.46	1.462	1.47	0.0044721	1.43	1.448	1.46	0.016432	-0.04	-0.014	0	0.019494
3	1.45	1.454	1.47	0.0069921	1.44	1.451	1.47	0.008756	-0.01	-0.003	0	0.0048305
10	1.44	1.459	1.47	0.011005	1.44	1.452	1.47	0.010328	-0.02	-0.007	0	0.0067495
30	1.45	1.463	1.47	0.0067495	1.43	1.442	1.46	0.010328	-0.03	-0.021	-0.01	0.0073786
50	1.44	1.459	1.48	0.011005	1.41	1.427	1.45	0.013375	-0.05	-0.032	0	0.016865
100	1.45	1.459	1.47	0.008756	1.39	1.406	1.42	0.0096609	-0.07	-0.053	-0.04	0.0094868

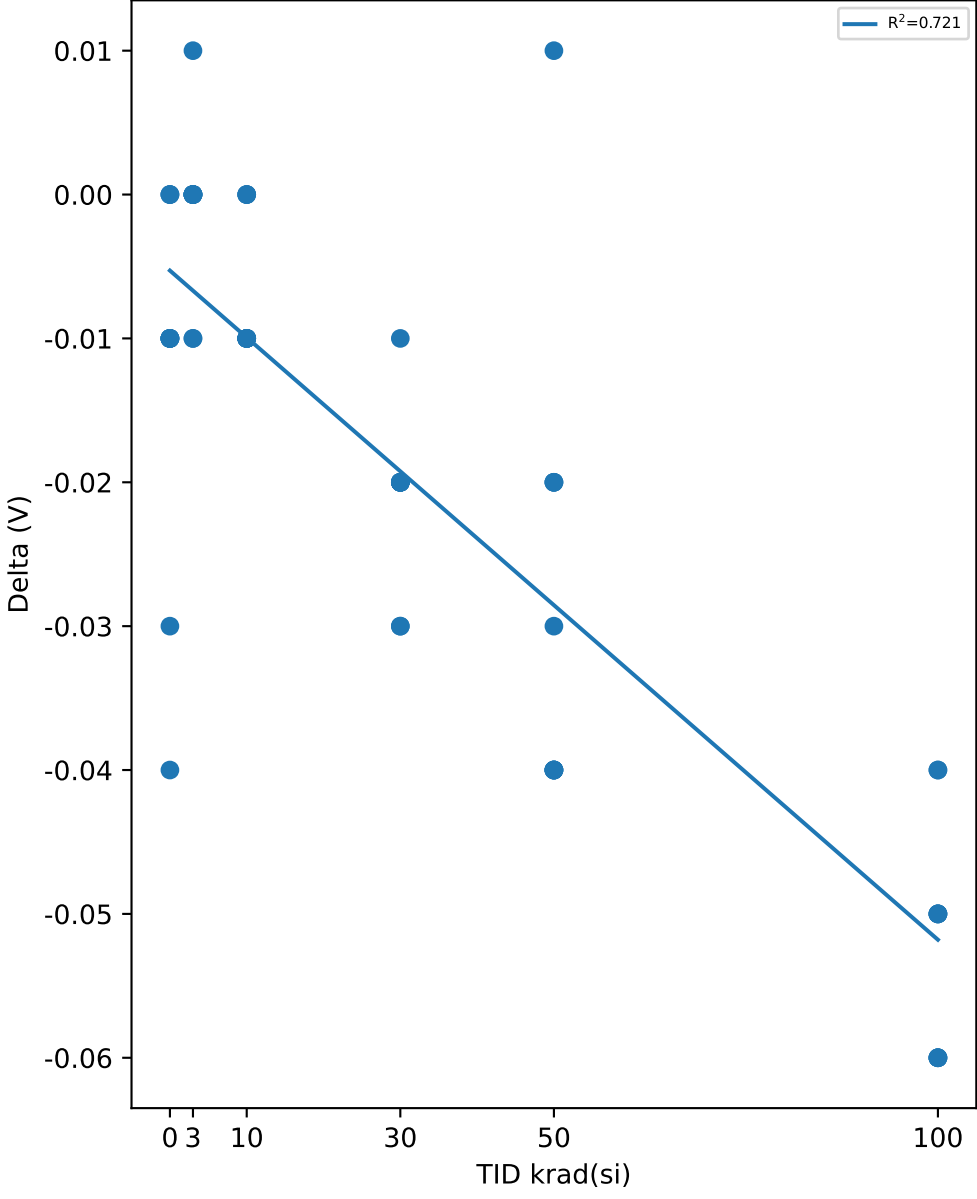
TID vs Result Stats



Test Results (Lower Limit = 0.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.16	1.13	-0.03
516	0	CORRELATION	1.16	1.12	-0.04
721	0	CORRELATION	1.15	1.15	0
723	0	CORRELATION	1.16	1.15	-0.01
729	0	CORRELATION	1.16	1.16	0
1000	3	Unbiased	1.14	1.14	0
1001	3	Unbiased	1.15	1.15	0
1002	3	Unbiased	1.17	1.16	-0.01
1003	3	Unbiased	1.15	1.14	-0.01
1004	3	Unbiased	1.14	1.14	0
1005	3	Biased	1.14	1.14	0
1006	3	Biased	1.15	1.16	0.01
1007	3	Biased	1.15	1.15	0
1008	3	Biased	1.14	1.14	0
1009	3	Biased	1.14	1.14	0
1010	10	Unbiased	1.15	1.15	0
1011	10	Unbiased	1.15	1.14	-0.01
1012	10	Unbiased	1.16	1.15	-0.01
1013	10	Unbiased	1.15	1.14	-0.01
1014	10	Unbiased	1.16	1.15	-0.01
1015	10	Biased	1.16	1.15	-0.01
1016	10	Biased	1.14	1.13	-0.01
1017	10	Biased	1.16	1.16	0
1018	10	Biased	1.16	1.16	0
1019	10	Biased	1.17	1.16	-0.01
1020	30	Unbiased	1.17	1.14	-0.03
1021	30	Unbiased	1.14	1.12	-0.02
1022	30	Unbiased	1.15	1.12	-0.03
1023	30	Unbiased	1.16	1.14	-0.02
1024	30	Unbiased	1.15	1.13	-0.02
1025	30	Biased	1.17	1.15	-0.02
1026	30	Biased	1.16	1.15	-0.01
1027	30	Biased	1.16	1.14	-0.02
1028	30	Biased	1.16	1.14	-0.02
1029	30	Biased	1.15	1.13	-0.02
1030	50	Unbiased	1.15	1.11	-0.04
1031	50	Unbiased	1.15	1.12	-0.03
1032	50	Unbiased	1.15	1.11	-0.04
1033	50	Unbiased	1.16	1.12	-0.04
1034	50	Unbiased	1.15	1.11	-0.04
1035	50	Biased-84Hr-Anneal	1.16	1.14	-0.02
1036	50	Biased-84Hr-Anneal	1.14	1.12	-0.02
1037	50	Biased-84Hr-Anneal	1.14	1.12	-0.02
1038	50	Biased-84Hr-Anneal	1.14	1.15	0.01
1039	50	Biased-84Hr-Anneal	1.17	1.13	-0.04
1040	100	Unbiased-168Hr-Anneal	1.15	1.1	-0.05
1041	100	Unbiased-168Hr-Anneal	1.17	1.11	-0.06
1042	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1043	100	Unbiased-168Hr-Anneal	1.17	1.11	-0.06
1044	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1045	100	Biased-168Hr-Anneal	1.14	1.09	-0.05
1046	100	Biased-168Hr-Anneal	1.15	1.1	-0.05
1047	100	Biased-168Hr-Anneal	1.14	1.1	-0.04
1048	100	Biased-168Hr-Anneal	1.16	1.11	-0.05
1049	100	Biased-168Hr-Anneal	1.16	1.12	-0.04

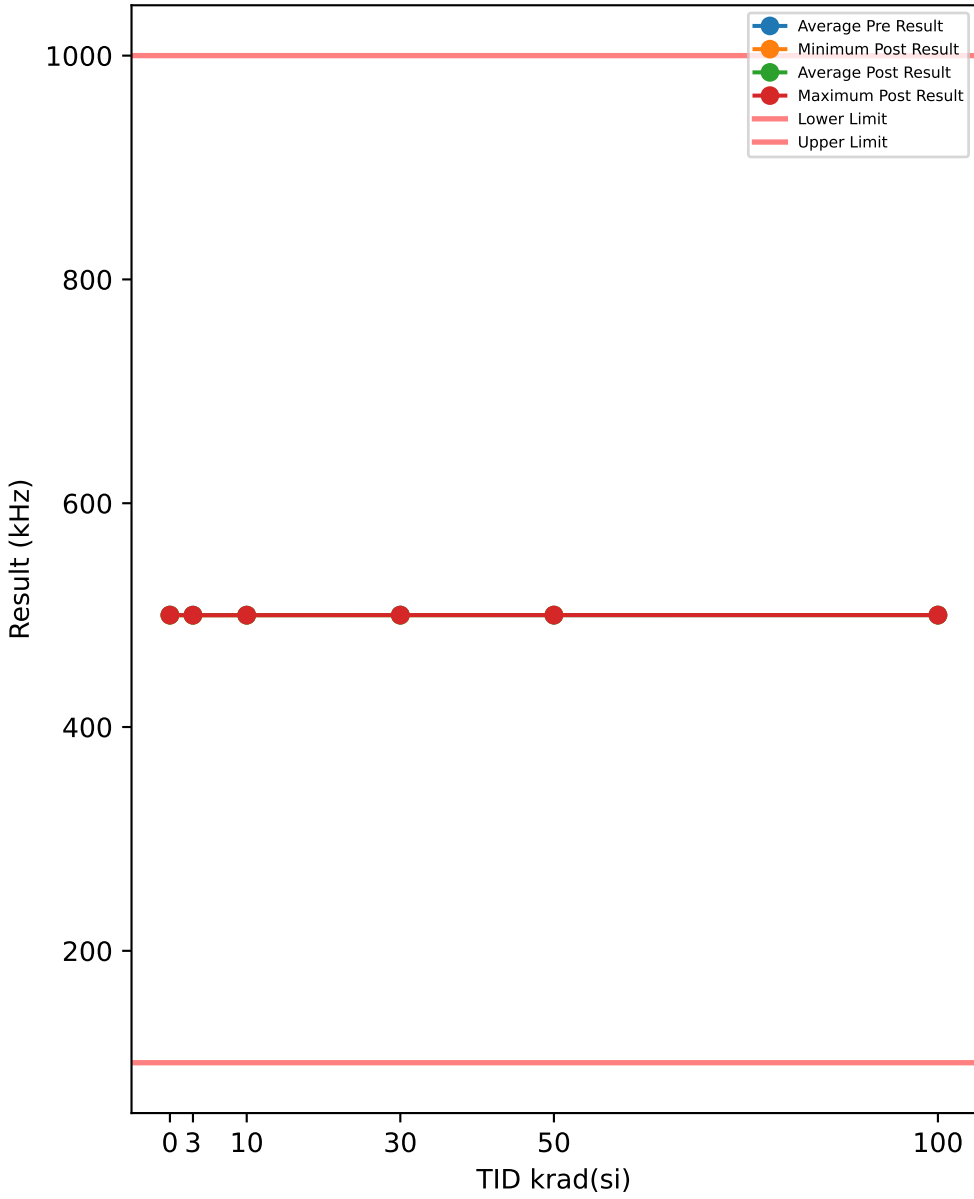
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.15	1.158	1.16	0.0044721	1.12	1.142	1.16	0.016432	-0.04	-0.016	0	0.018166
3	1.14	1.147	1.17	0.0094868	1.14	1.146	1.16	0.0084327	-0.01	-0.001	0.01	0.0056765
10	1.14	1.156	1.17	0.0084327	1.13	1.149	1.16	0.0099443	-0.01	-0.007	0	0.0048305
30	1.14	1.157	1.17	0.0094868	1.12	1.136	1.15	0.01075	-0.03	-0.021	-0.01	0.0056765
50	1.14	1.151	1.17	0.0099443	1.11	1.123	1.15	0.013375	-0.04	-0.028	0.01	0.016193
100	1.14	1.156	1.17	0.01075	1.09	1.104	1.12	0.0084327	-0.06	-0.052	-0.04	0.0078881

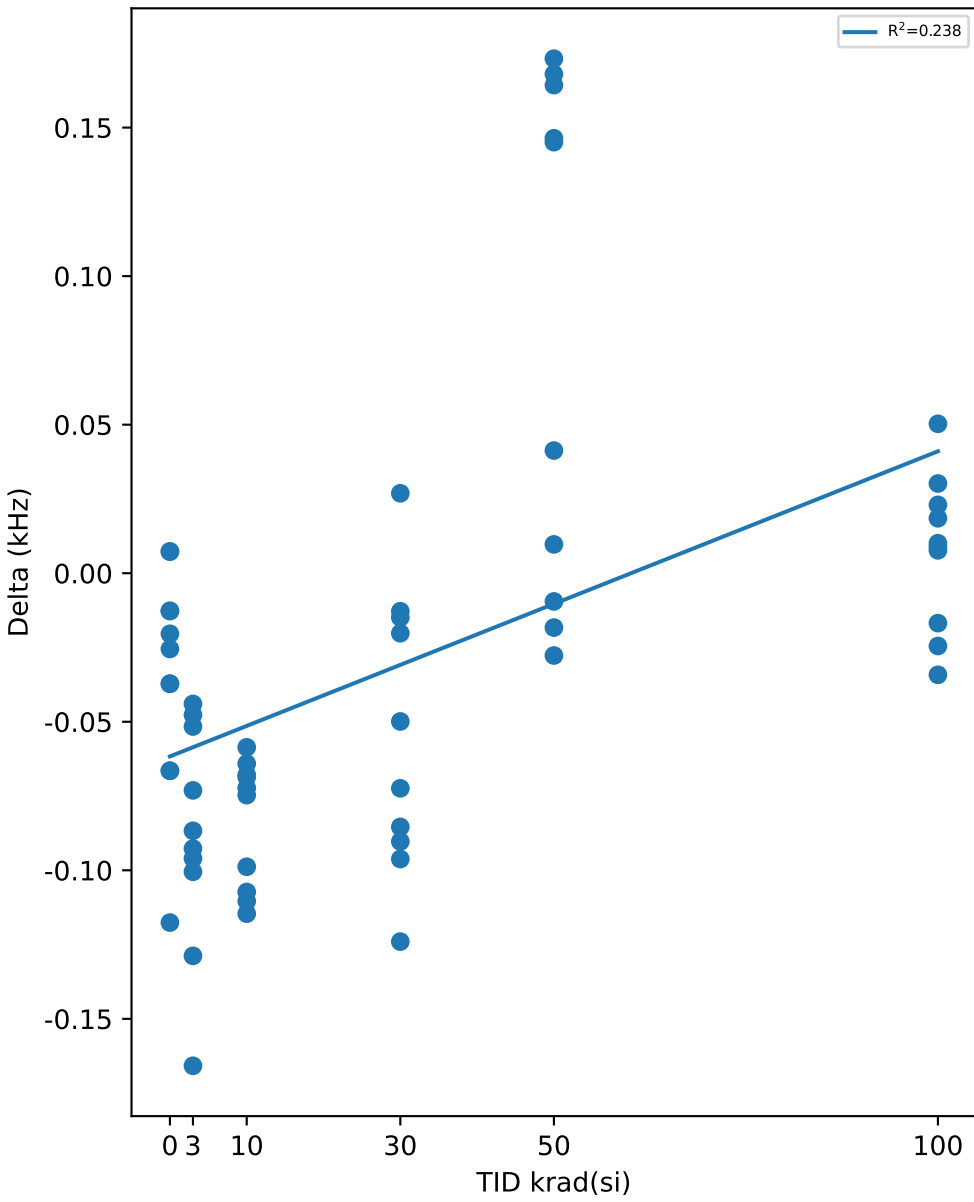
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

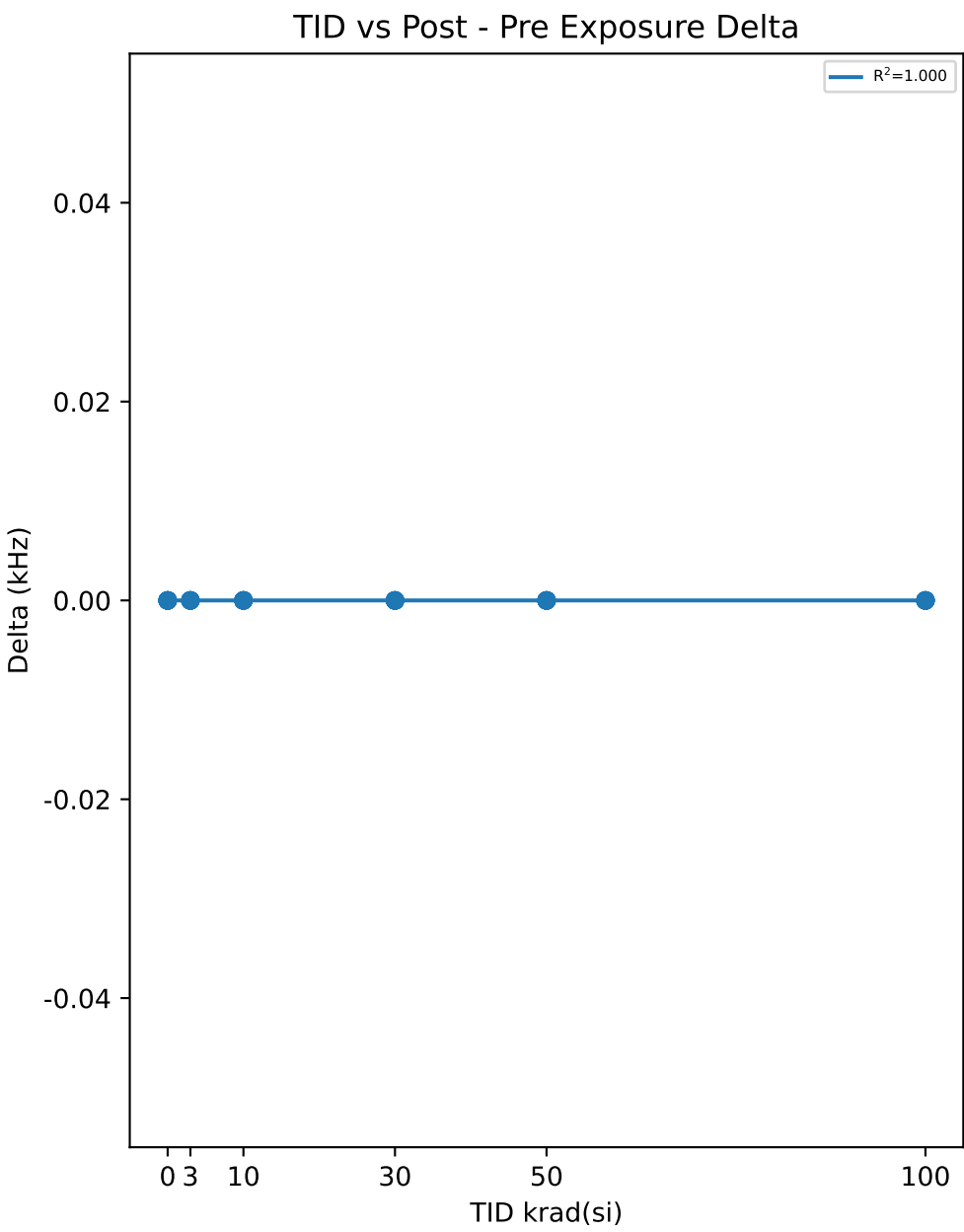
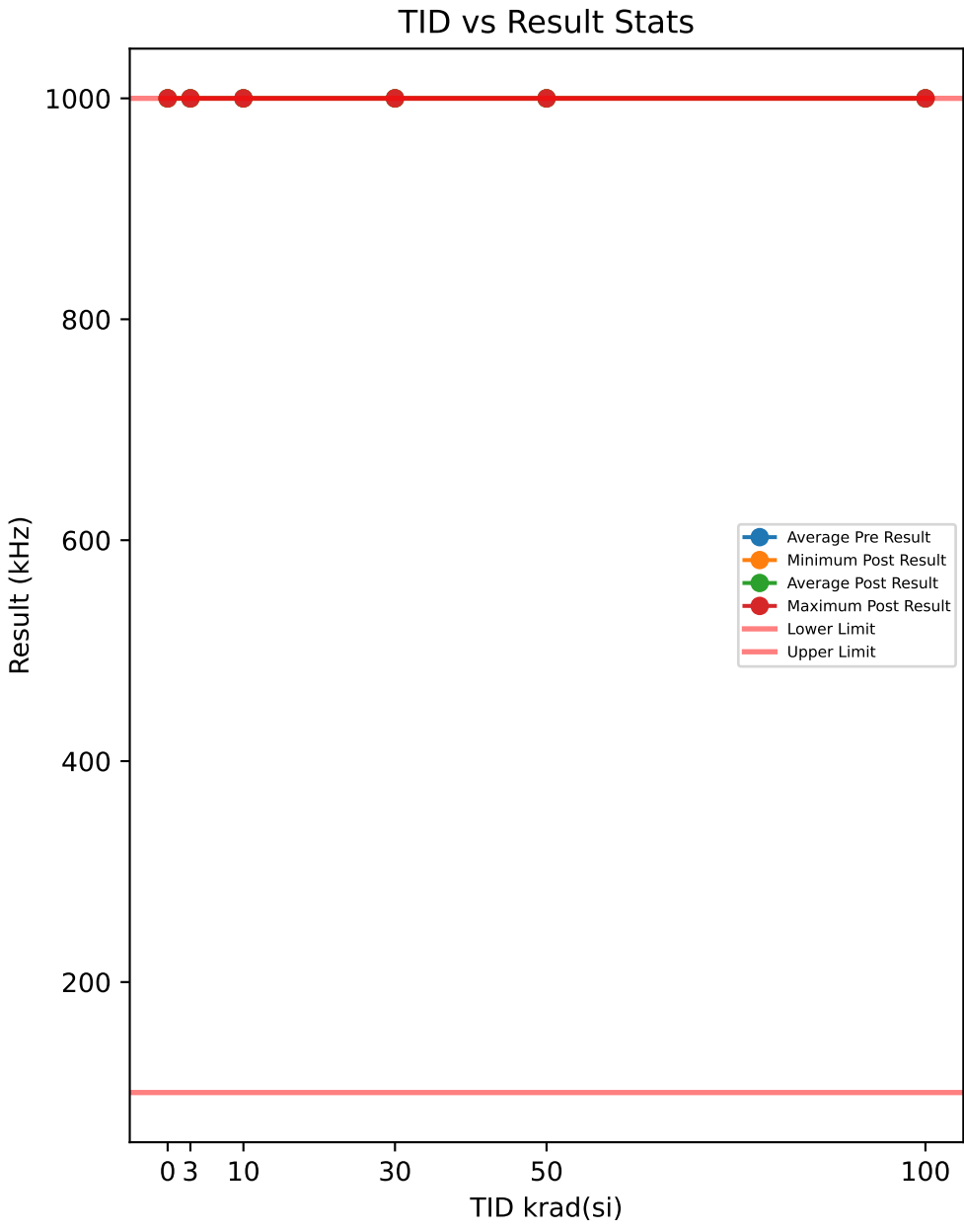
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	500.06	500.04	-0.0204
516	0	CORRELATION	500.05	500.02	-0.0255
721	0	CORRELATION	500.07	499.95	-0.1176
723	0	CORRELATION	500.02	499.95	-0.0665
729	0	CORRELATION	500.04	500	-0.0372
1000	3	Unbiased	500.02	499.93	-0.096
1001	3	Unbiased	500.01	499.96	-0.0477
1002	3	Unbiased	500.06	499.96	-0.1005
1003	3	Unbiased	500.05	499.96	-0.0867
1004	3	Unbiased	500.04	499.95	-0.0927
1005	3	Biased	500.02	499.97	-0.044
1006	3	Biased	500.06	499.94	-0.1288
1007	3	Biased	500.02	499.96	-0.0516
1008	3	Biased	500.05	499.98	-0.0731
1009	3	Biased	500	499.84	-0.1658
1010	10	Unbiased	500.07	499.96	-0.1073
1011	10	Unbiased	500.07	499.96	-0.1104
1012	10	Unbiased	500.05	499.98	-0.0686
1013	10	Unbiased	500.04	499.94	-0.0988
1014	10	Unbiased	500.02	499.96	-0.0641
1015	10	Biased	500	499.95	-0.0586
1016	10	Biased	500.05	499.98	-0.0747
1017	10	Biased	500.01	499.94	-0.0679
1018	10	Biased	500.04	499.97	-0.0723
1019	10	Biased	500.06	499.94	-0.1146
1020	30	Unbiased	500.04	499.96	-0.0854
1021	30	Unbiased	500.03	499.94	-0.0903
1022	30	Unbiased	500.07	499.97	-0.0962
1023	30	Unbiased	500.05	500	-0.0499
1024	30	Unbiased	500.01	500.03	0.0269
1025	30	Biased	500.05	499.92	-0.124
1026	30	Biased	500.04	499.96	-0.0724
1027	30	Biased	500.01	499.99	-0.0202
1028	30	Biased	500.05	500.04	-0.0128
1029	30	Biased	500.04	500.02	-0.0149
1030	50	Unbiased	500.04	500.05	0.0097
1031	50	Unbiased	500.03	500.02	-0.0095
1032	50	Unbiased	500.05	500.02	-0.0277
1033	50	Unbiased	500.02	500.06	0.0413
1034	50	Unbiased	500.04	500.02	-0.0183
1035	50	Biased-84Hr-Anneal	499.85	500.02	0.1643
1036	50	Biased-84Hr-Anneal	499.87	500.04	0.168
1037	50	Biased-84Hr-Anneal	499.86	500.01	0.1464
1038	50	Biased-84Hr-Anneal	499.85	500.02	0.1732
1039	50	Biased-84Hr-Anneal	499.87	500.01	0.1451
1040	100	Unbiased-168Hr-Anneal	500.04	500.05	0.0101
1041	100	Unbiased-168Hr-Anneal	500.04	500.02	-0.0168
1042	100	Unbiased-168Hr-Anneal	500.05	500.07	0.0185
1043	100	Unbiased-168Hr-Anneal	500.04	500.01	-0.0342
1044	100	Unbiased-168Hr-Anneal	500.04	500.01	-0.0245
1045	100	Biased-168Hr-Anneal	500.02	500.03	0.0088
1046	100	Biased-168Hr-Anneal	499.97	500.02	0.0503
1047	100	Biased-168Hr-Anneal	500.02	500.02	0.0077
1048	100	Biased-168Hr-Anneal	499.97	499.99	0.023
1049	100	Biased-168Hr-Anneal	499.97	500	0.0302

TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.02	500.05	500.07	0.017917	499.95	499.99	500.04	0.039613	-0.1176	-0.05344	-0.0204	0.040072
3	500	500.03	500.06	0.022584	499.84	499.94	499.98	0.040395	-0.1658	-0.08869	-0.044	0.038099
10	500	500.04	500.07	0.022775	499.94	499.96	499.98	0.015243	-0.1146	-0.08373	-0.0586	0.021488
30	500.01	500.04	500.07	0.017606	499.92	499.98	500.04	0.03943	-0.124	-0.05392	0.0269	0.047438
50	499.85	499.95	500.05	0.092628	500.01	500.03	500.06	0.016662	-0.0277	0.07925	0.1732	0.086853
100	499.97	500.02	500.05	0.03264	499.99	500.02	500.07	0.022027	-0.0342	0.00731	0.0503	0.02597



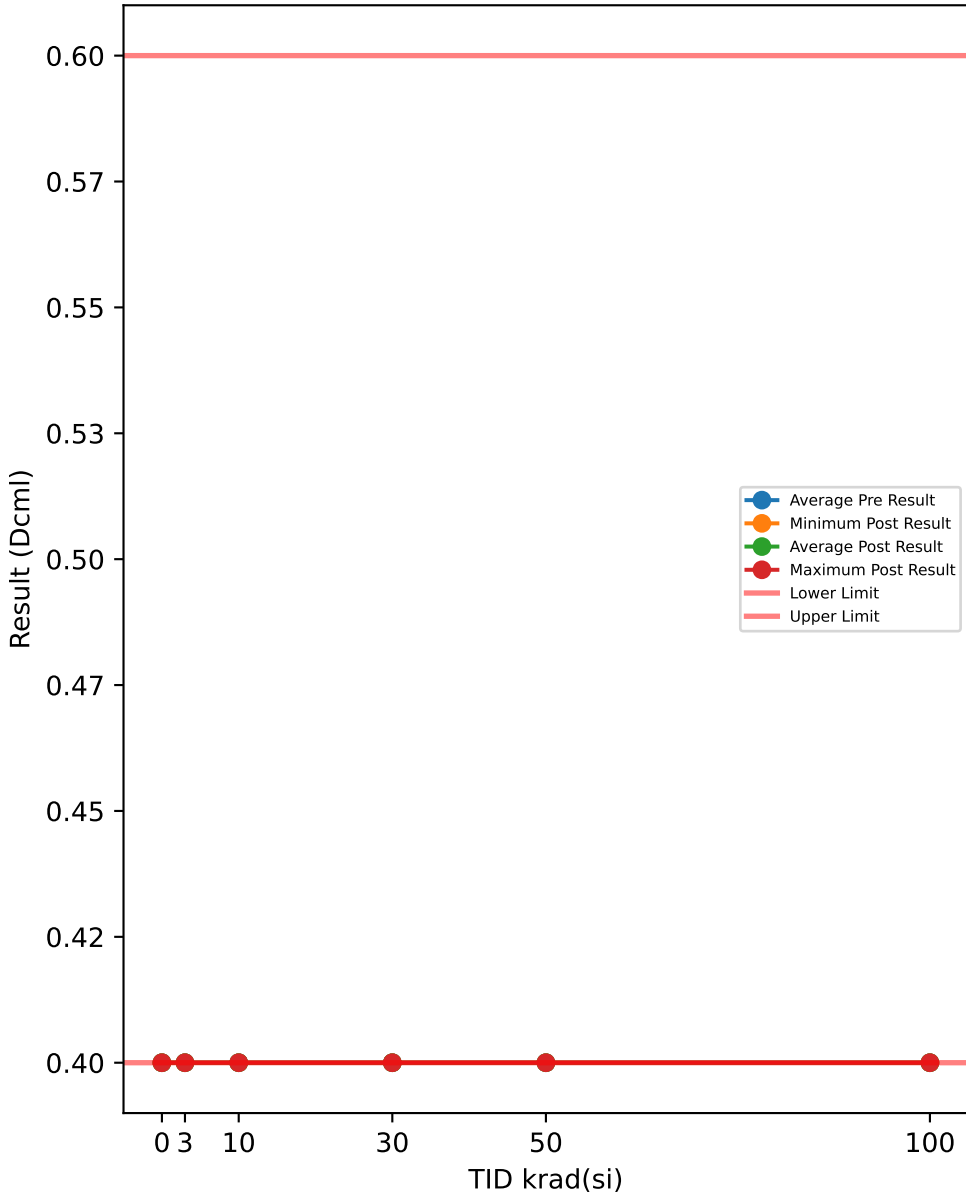
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1000	1000	0
516	0	CORRELATION	1000	1000	0
721	0	CORRELATION	1000	1000	0
723	0	CORRELATION	1000	1000	0
729	0	CORRELATION	1000	1000	0
1000	3	Unbiased	1000	1000	0
1001	3	Unbiased	1000	1000	0
1002	3	Unbiased	1000	1000	0
1003	3	Unbiased	1000	1000	0
1004	3	Unbiased	1000	1000	0
1005	3	Biased	1000	1000	0
1006	3	Biased	1000	1000	0
1007	3	Biased	1000	1000	0
1008	3	Biased	1000	1000	0
1009	3	Biased	1000	1000	0
1010	10	Unbiased	1000	1000	0
1011	10	Unbiased	1000	1000	0
1012	10	Unbiased	1000	1000	0
1013	10	Unbiased	1000	1000	0
1014	10	Unbiased	1000	1000	0
1015	10	Biased	1000	1000	0
1016	10	Biased	1000	1000	0
1017	10	Biased	1000	1000	0
1018	10	Biased	1000	1000	0
1019	10	Biased	1000	1000	0
1020	30	Unbiased	1000	1000	0
1021	30	Unbiased	1000	1000	0
1022	30	Unbiased	1000	1000	0
1023	30	Unbiased	1000	1000	0
1024	30	Unbiased	1000	1000	0
1025	30	Biased	1000	1000	0
1026	30	Biased	1000	1000	0
1027	30	Biased	1000	1000	0
1028	30	Biased	1000	1000	0
1029	30	Biased	1000	1000	0
1030	50	Unbiased	1000	1000	0
1031	50	Unbiased	1000	1000	0
1032	50	Unbiased	1000	1000	0
1033	50	Unbiased	1000	1000	0
1034	50	Unbiased	1000	1000	0
1035	50	Biased-84Hr-Anneal	1000	1000	0
1036	50	Biased-84Hr-Anneal	1000	1000	0
1037	50	Biased-84Hr-Anneal	1000	1000	0
1038	50	Biased-84Hr-Anneal	1000	1000	0
1039	50	Biased-84Hr-Anneal	1000	1000	0
1040	100	Unbiased-168Hr-Anneal	1000	1000	0
1041	100	Unbiased-168Hr-Anneal	1000	1000	0
1042	100	Unbiased-168Hr-Anneal	1000	1000	0
1043	100	Unbiased-168Hr-Anneal	1000	1000	0
1044	100	Unbiased-168Hr-Anneal	1000	1000	0
1045	100	Biased-168Hr-Anneal	1000	1000	0
1046	100	Biased-168Hr-Anneal	1000	1000	0
1047	100	Biased-168Hr-Anneal	1000	1000	0
1048	100	Biased-168Hr-Anneal	1000	1000	0
1049	100	Biased-168Hr-Anneal	1000	1000	0

Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
3	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
10	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
30	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
50	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
100	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0

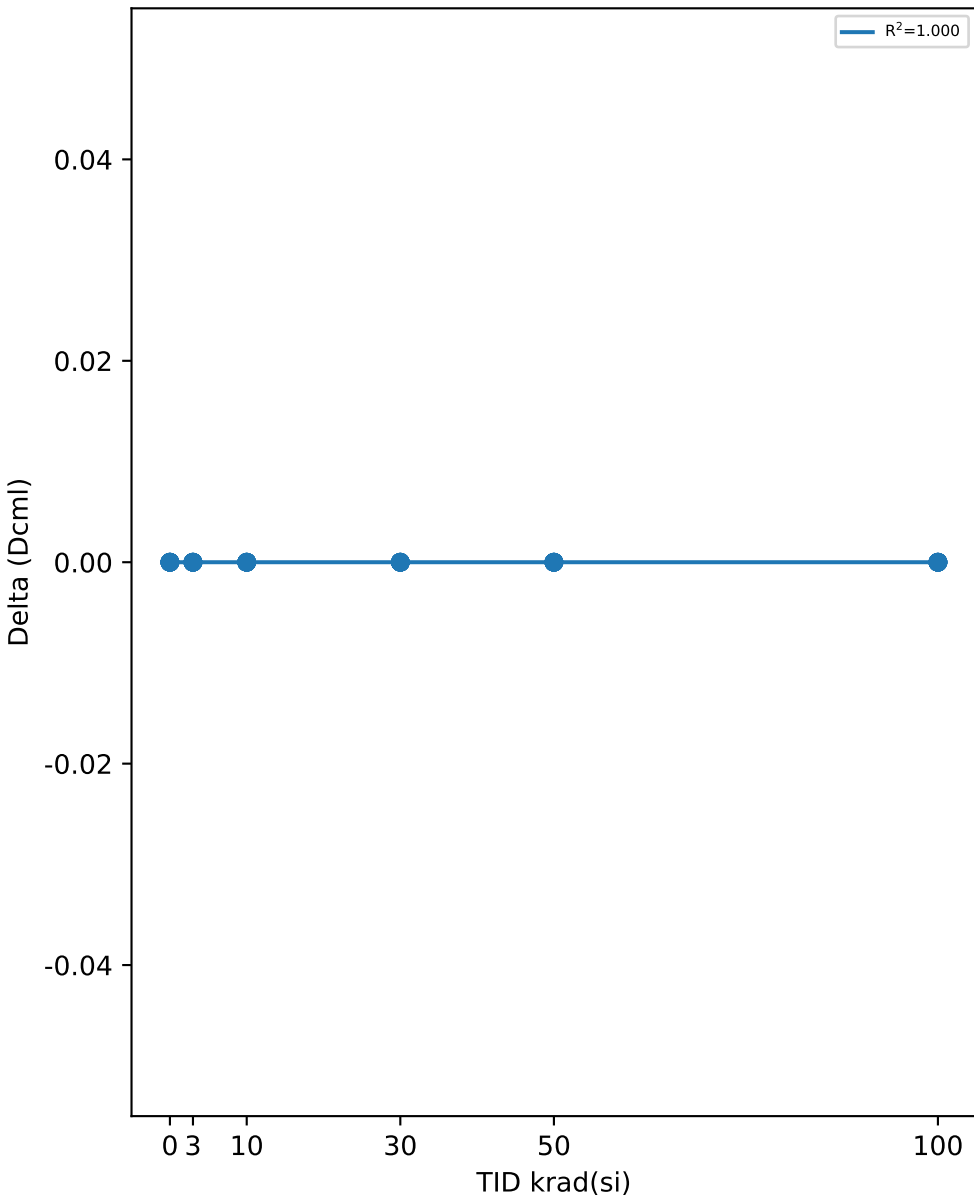
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4	0.4	0
516	0	CORRELATION	0.4	0.4	0
721	0	CORRELATION	0.4	0.4	0
723	0	CORRELATION	0.4	0.4	0
729	0	CORRELATION	0.4	0.4	0
1000	3	Unbiased	0.4	0.4	0
1001	3	Unbiased	0.4	0.4	0
1002	3	Unbiased	0.4	0.4	0
1003	3	Unbiased	0.4	0.4	0
1004	3	Unbiased	0.4	0.4	0
1005	3	Biased	0.4	0.4	0
1006	3	Biased	0.4	0.4	0
1007	3	Biased	0.4	0.4	0
1008	3	Biased	0.4	0.4	0
1009	3	Biased	0.4	0.4	0
1010	10	Unbiased	0.4	0.4	0
1011	10	Unbiased	0.4	0.4	0
1012	10	Unbiased	0.4	0.4	0
1013	10	Unbiased	0.4	0.4	0
1014	10	Unbiased	0.4	0.4	0
1015	10	Biased	0.4	0.4	0
1016	10	Biased	0.4	0.4	0
1017	10	Biased	0.4	0.4	0
1018	10	Biased	0.4	0.4	0
1019	10	Biased	0.4	0.4	0
1020	30	Unbiased	0.4	0.4	0
1021	30	Unbiased	0.4	0.4	0
1022	30	Unbiased	0.4	0.4	0
1023	30	Unbiased	0.4	0.4	0
1024	30	Unbiased	0.4	0.4	0
1025	30	Biased	0.4	0.4	0
1026	30	Biased	0.4	0.4	0
1027	30	Biased	0.4	0.4	0
1028	30	Biased	0.4	0.4	0
1029	30	Biased	0.4	0.4	0
1030	50	Unbiased	0.4	0.4	0
1031	50	Unbiased	0.4	0.4	0
1032	50	Unbiased	0.4	0.4	0
1033	50	Unbiased	0.4	0.4	0
1034	50	Unbiased	0.4	0.4	0
1035	50	Biased-84Hr-Anneal	0.4	0.4	0
1036	50	Biased-84Hr-Anneal	0.4	0.4	0
1037	50	Biased-84Hr-Anneal	0.4	0.4	0
1038	50	Biased-84Hr-Anneal	0.4	0.4	0
1039	50	Biased-84Hr-Anneal	0.4	0.4	0
1040	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1041	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1042	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1043	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1044	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1045	100	Biased-168Hr-Anneal	0.4	0.4	0
1046	100	Biased-168Hr-Anneal	0.4	0.4	0
1047	100	Biased-168Hr-Anneal	0.4	0.4	0
1048	100	Biased-168Hr-Anneal	0.4	0.4	0
1049	100	Biased-168Hr-Anneal	0.4	0.4	0

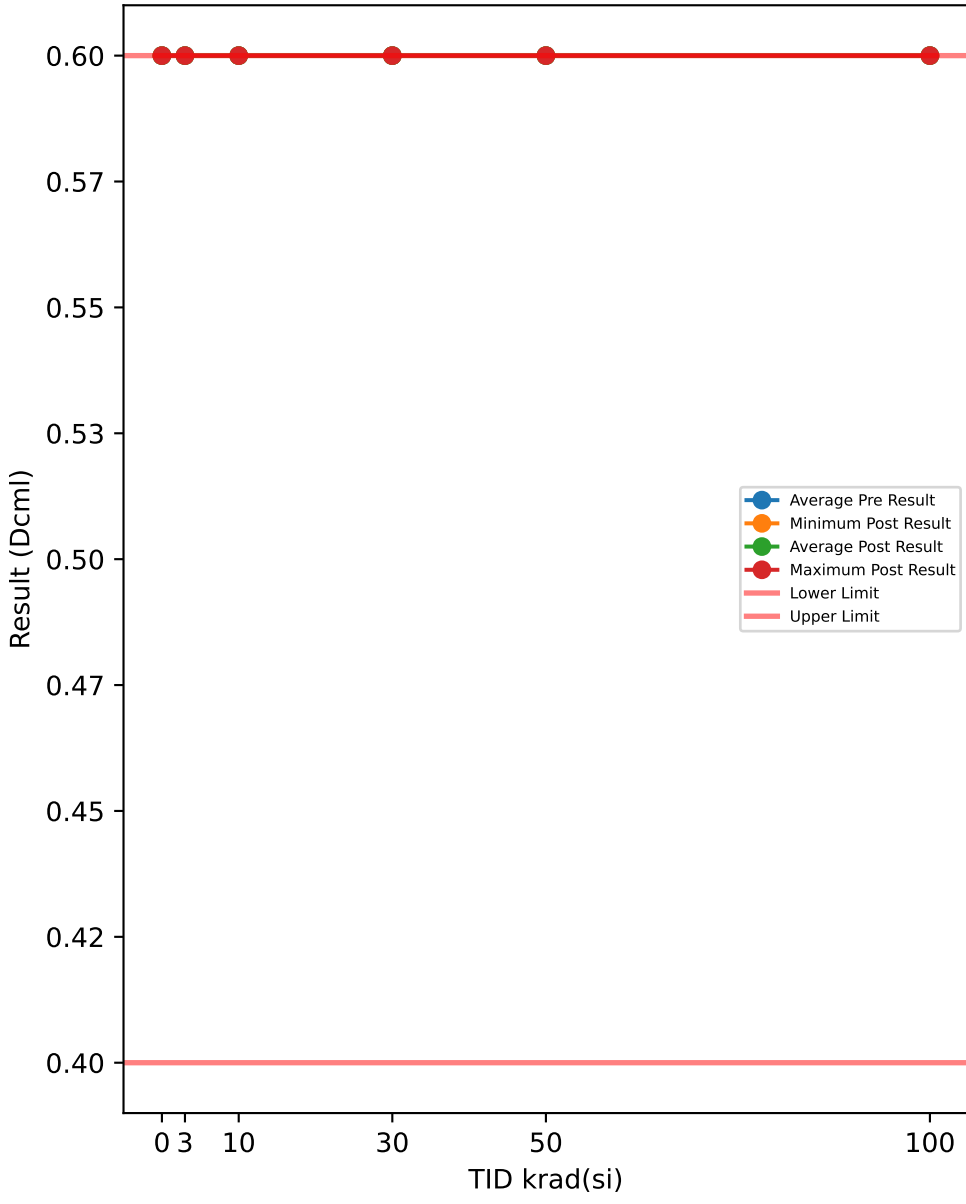
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
3	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
10	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
30	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
50	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
100	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0

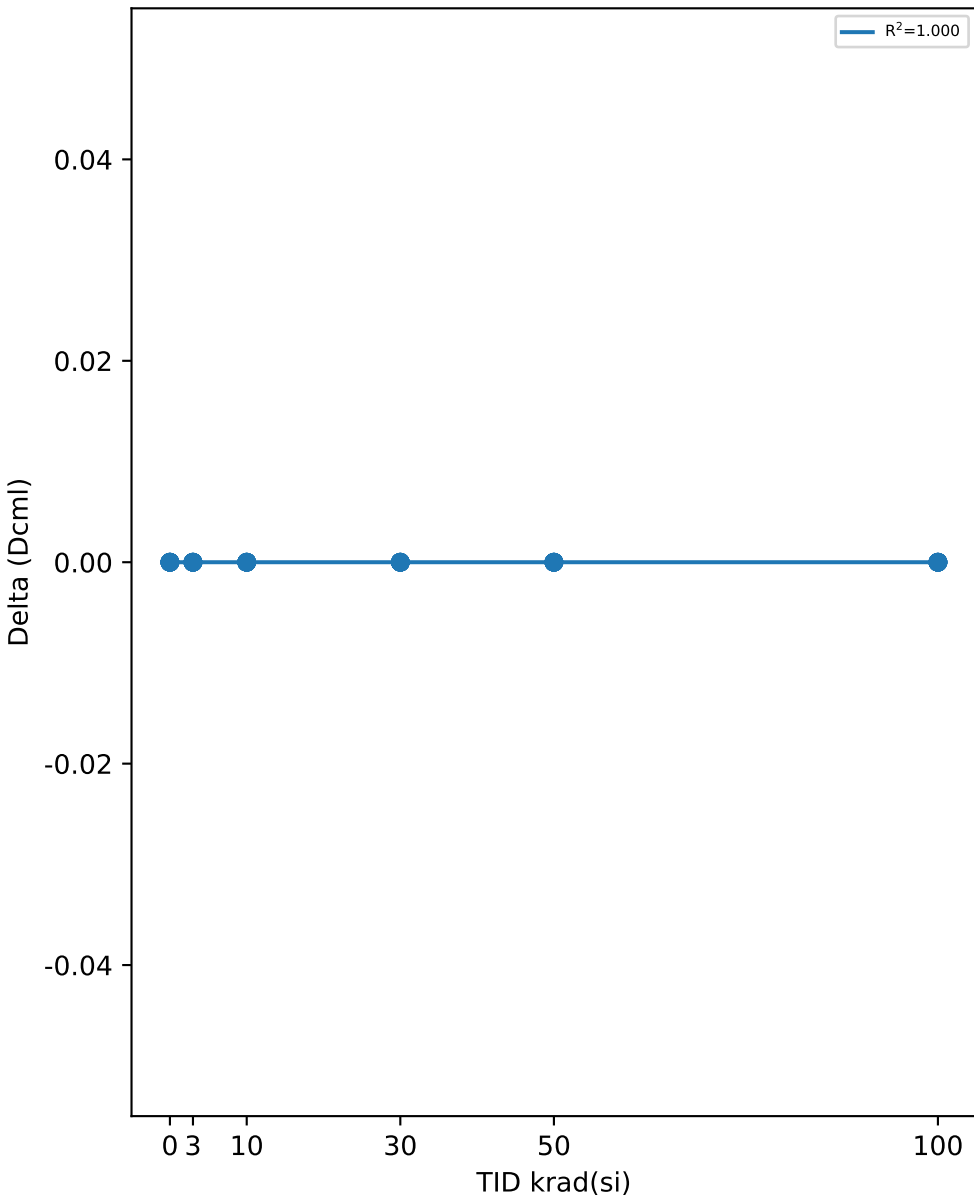
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6	0.6	0
516	0	CORRELATION	0.6	0.6	0
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6	0.6	0
729	0	CORRELATION	0.6	0.6	0
1000	3	Unbiased	0.6	0.6	0
1001	3	Unbiased	0.6	0.6	0
1002	3	Unbiased	0.6	0.6	0
1003	3	Unbiased	0.6	0.6	0
1004	3	Unbiased	0.6	0.6	0
1005	3	Biased	0.6	0.6	0
1006	3	Biased	0.6	0.6	0
1007	3	Biased	0.6	0.6	0
1008	3	Biased	0.6	0.6	0
1009	3	Biased	0.6	0.6	0
1010	10	Unbiased	0.6	0.6	0
1011	10	Unbiased	0.6	0.6	0
1012	10	Unbiased	0.6	0.6	0
1013	10	Unbiased	0.6	0.6	0
1014	10	Unbiased	0.6	0.6	0
1015	10	Biased	0.6	0.6	0
1016	10	Biased	0.6	0.6	0
1017	10	Biased	0.6	0.6	0
1018	10	Biased	0.6	0.6	0
1019	10	Biased	0.6	0.6	0
1020	30	Unbiased	0.6	0.6	0
1021	30	Unbiased	0.6	0.6	0
1022	30	Unbiased	0.6	0.6	0
1023	30	Unbiased	0.6	0.6	0
1024	30	Unbiased	0.6	0.6	0
1025	30	Biased	0.6	0.6	0
1026	30	Biased	0.6	0.6	0
1027	30	Biased	0.6	0.6	0
1028	30	Biased	0.6	0.6	0
1029	30	Biased	0.6	0.6	0
1030	50	Unbiased	0.6	0.6	0
1031	50	Unbiased	0.6	0.6	0
1032	50	Unbiased	0.6	0.6	0
1033	50	Unbiased	0.6	0.6	0
1034	50	Unbiased	0.6	0.6	0
1035	50	Biased-84Hr-Anneal	0.6	0.6	0
1036	50	Biased-84Hr-Anneal	0.6	0.6	0
1037	50	Biased-84Hr-Anneal	0.6	0.6	0
1038	50	Biased-84Hr-Anneal	0.6	0.6	0
1039	50	Biased-84Hr-Anneal	0.6	0.6	0
1040	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1041	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1042	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1043	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1044	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1045	100	Biased-168Hr-Anneal	0.6	0.6	0
1046	100	Biased-168Hr-Anneal	0.6	0.6	0
1047	100	Biased-168Hr-Anneal	0.6	0.6	0
1048	100	Biased-168Hr-Anneal	0.6	0.6	0
1049	100	Biased-168Hr-Anneal	0.6	0.6	0

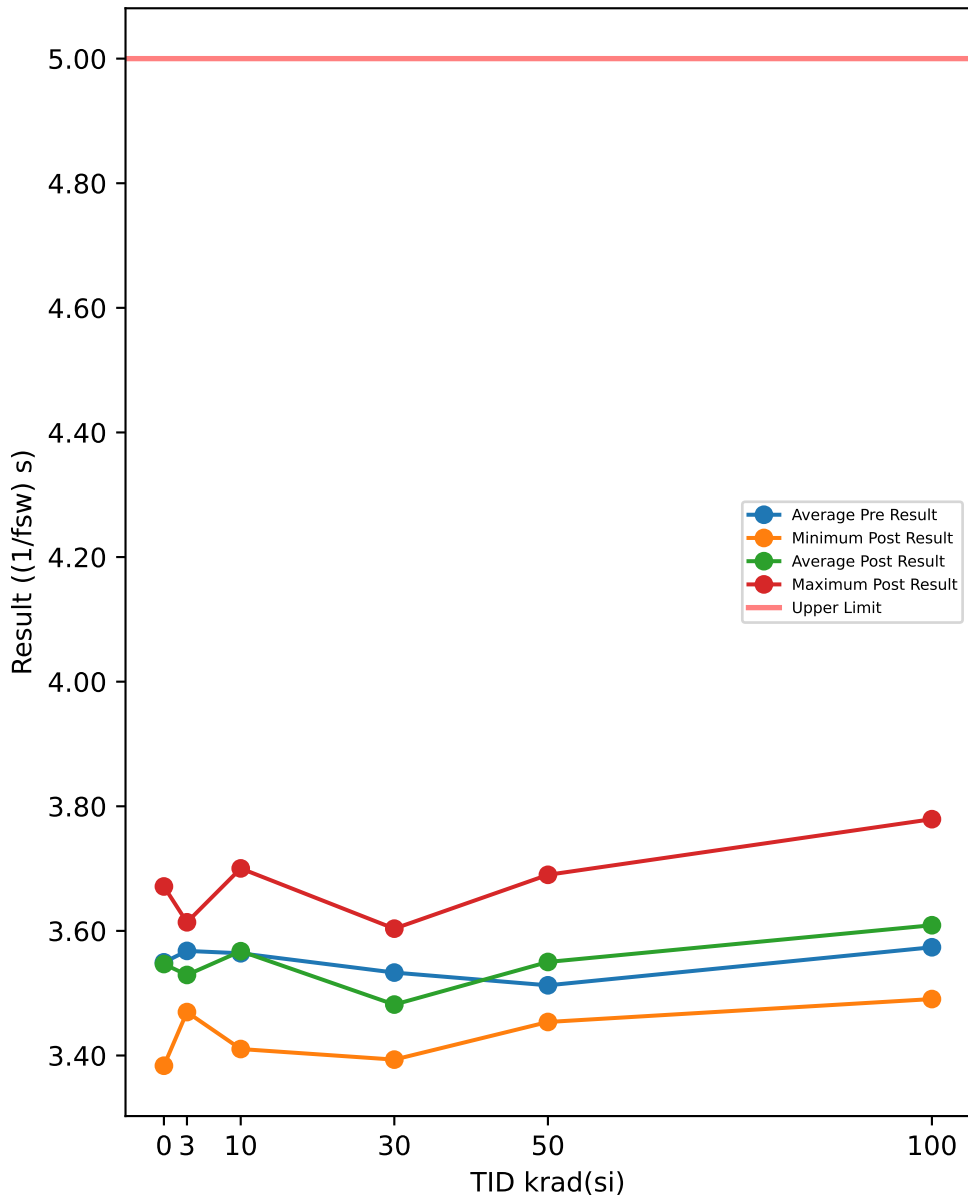
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
3	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
10	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
30	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
50	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
100	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0

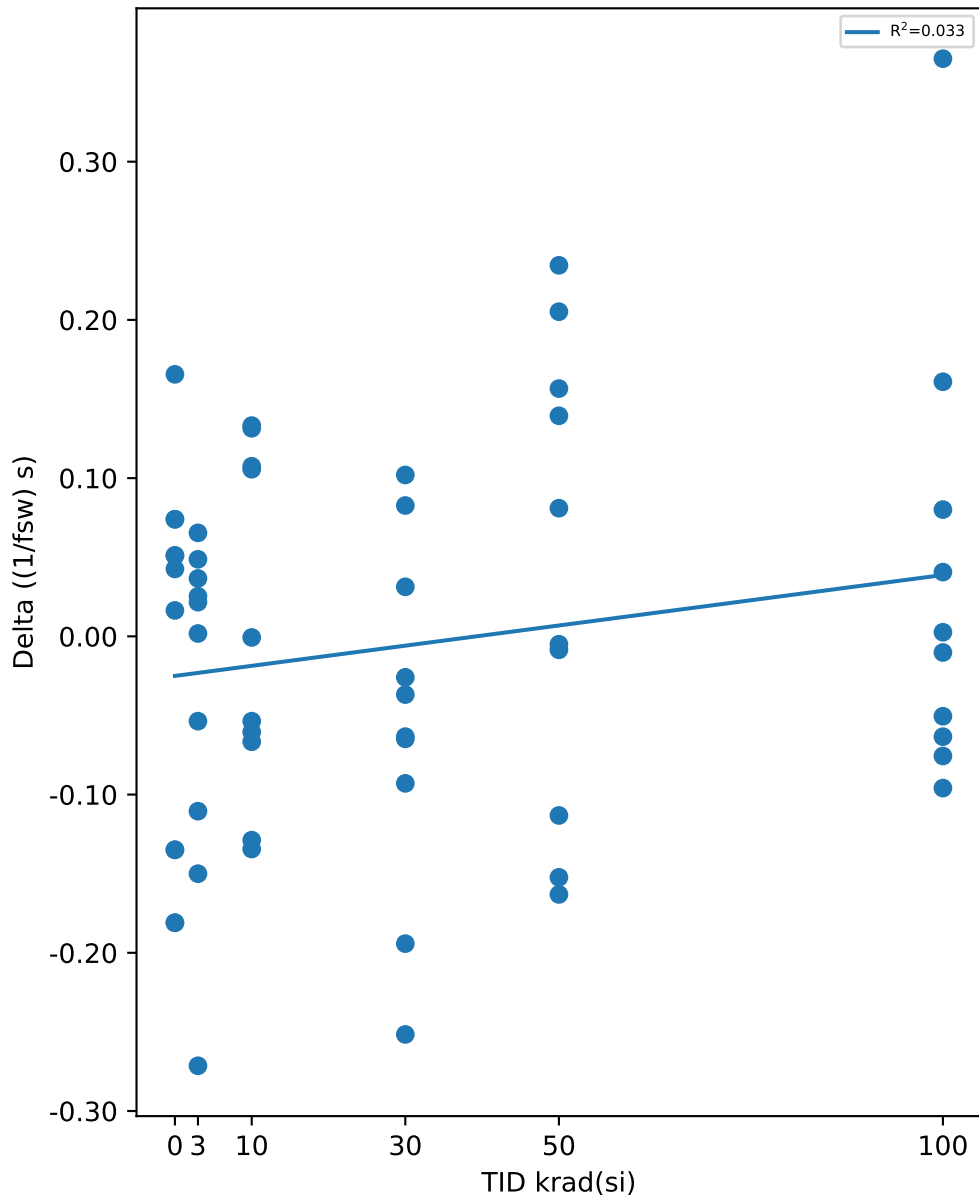
TID vs Result Stats



Test Results (Upper Limit = 5.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.6447	3.6611	0.0164
516	0	CORRELATION	3.4559	3.4985	0.0426
721	0	CORRELATION	3.5057	3.6713	0.1656
723	0	CORRELATION	3.5646	3.3836	-0.181
729	0	CORRELATION	3.5768	3.4419	-0.1349
1000	3	Unbiased	3.5233	3.4697	-0.0536
1001	3	Unbiased	3.7467	3.4753	-0.2714
1002	3	Unbiased	3.5223	3.5439	0.0216
1003	3	Unbiased	3.4574	3.494	0.0366
1004	3	Unbiased	3.5166	3.5653	0.0487
1005	3	Biased	3.4898	3.5151	0.0253
1006	3	Biased	3.6489	3.4989	-0.15
1007	3	Biased	3.5841	3.5859	0.0018
1008	3	Biased	3.5484	3.6138	0.0654
1009	3	Biased	3.6413	3.5308	-0.1105
1010	10	Unbiased	3.6593	3.5927	-0.0666
1011	10	Unbiased	3.5688	3.7003	0.1315
1012	10	Unbiased	3.6042	3.5506	-0.0536
1013	10	Unbiased	3.4588	3.5644	0.1056
1014	10	Unbiased	3.4138	3.5213	0.1075
1015	10	Biased	3.7115	3.5771	-0.1344
1016	10	Biased	3.5392	3.4104	-0.1288
1017	10	Biased	3.6206	3.6199	-0.0007
1018	10	Biased	3.6566	3.5961	-0.0605
1019	10	Biased	3.4079	3.5411	0.1332
1020	30	Unbiased	3.645	3.3934	-0.2516
1021	30	Unbiased	3.3104	3.4124	0.102
1022	30	Unbiased	3.6485	3.4543	-0.1942
1023	30	Unbiased	3.4845	3.5158	0.0313
1024	30	Unbiased	3.5499	3.4851	-0.0648
1025	30	Biased	3.5193	3.4264	-0.0929
1026	30	Biased	3.6216	3.5957	-0.0259
1027	30	Biased	3.5133	3.4765	-0.0368
1028	30	Biased	3.5209	3.6036	0.0827
1029	30	Biased	3.5176	3.4542	-0.0634
1030	50	Unbiased	3.4088	3.6433	0.2345
1031	50	Unbiased	3.5655	3.557	-0.0085
1032	50	Unbiased	3.5361	3.5311	-0.005
1033	50	Unbiased	3.4026	3.542	0.1394
1034	50	Unbiased	3.4107	3.6159	0.2052
1035	50	Biased-84Hr-Anneal	3.6656	3.5133	-0.1523
1036	50	Biased-84Hr-Anneal	3.6609	3.4978	-0.1631
1037	50	Biased-84Hr-Anneal	3.5334	3.69	0.1566
1038	50	Biased-84Hr-Anneal	3.567	3.4538	-0.1132
1039	50	Biased-84Hr-Anneal	3.376	3.457	0.081
1040	100	Unbiased-168Hr-Anneal	3.5227	3.6836	0.1609
1041	100	Unbiased-168Hr-Anneal	3.609	3.6496	0.0406
1042	100	Unbiased-168Hr-Anneal	3.5938	3.5964	0.0026
1043	100	Unbiased-168Hr-Anneal	3.5009	3.581	0.0801
1044	100	Unbiased-168Hr-Anneal	3.5411	3.4906	-0.0505
1045	100	Biased-168Hr-Anneal	3.604	3.5284	-0.0756
1046	100	Biased-168Hr-Anneal	3.5848	3.5746	-0.0102
1047	100	Biased-168Hr-Anneal	3.4142	3.7793	0.3651
1048	100	Biased-168Hr-Anneal	3.6905	3.5946	-0.0959
1049	100	Biased-168Hr-Anneal	3.6761	3.6127	-0.0634

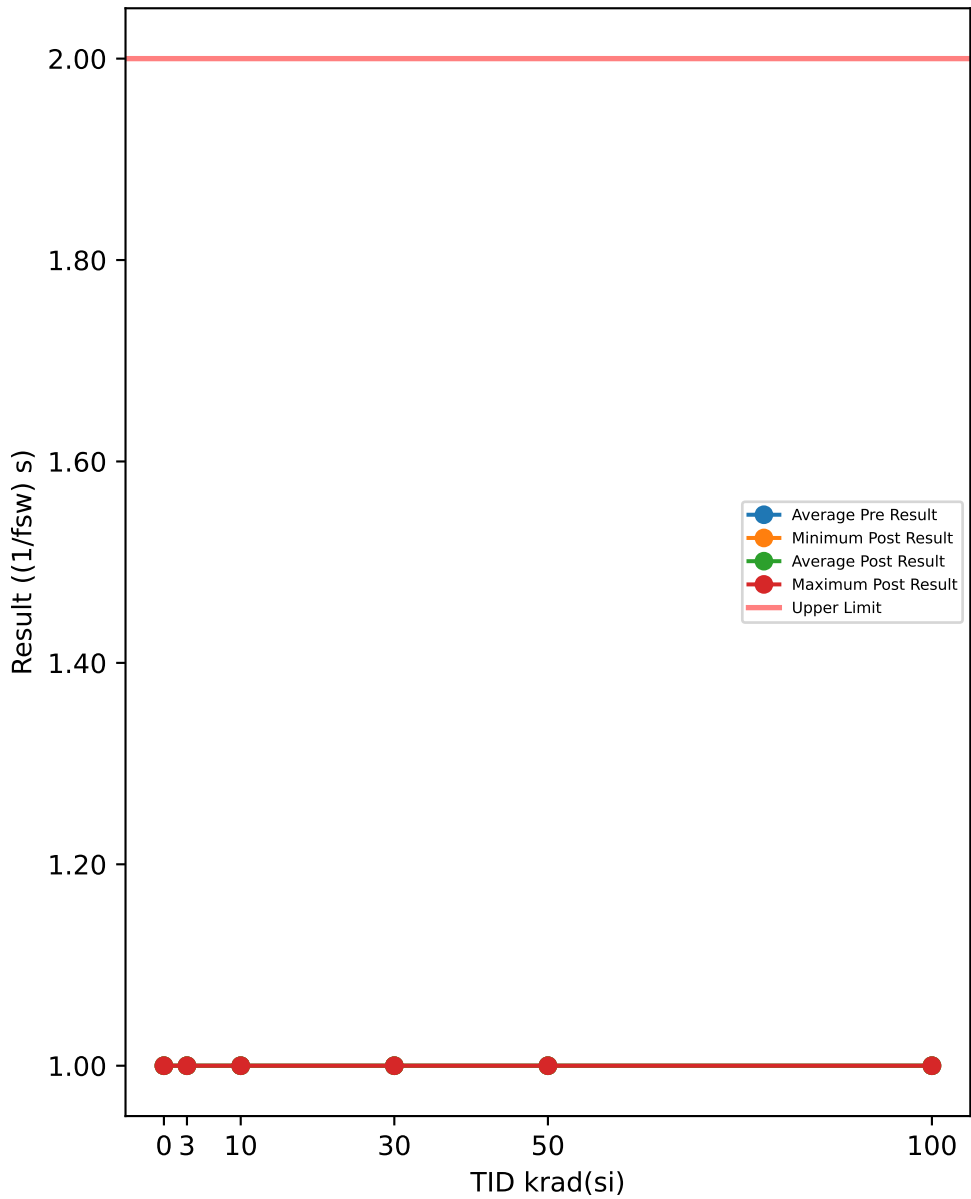
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.4559	3.5495	3.6447	0.071965	3.3836	3.5313	3.6713	0.12974	-0.181	-0.01826	0.1656	0.14036
3	3.4574	3.5679	3.7467	0.087921	3.4697	3.5293	3.6138	0.047953	-0.2714	-0.03861	0.0654	0.10823
10	3.4079	3.5641	3.7115	0.10691	3.4104	3.5674	3.7003	0.074337	-0.1344	0.00332	0.1332	0.10711
30	3.3104	3.5331	3.6485	0.098253	3.3934	3.4817	3.6036	0.071664	-0.2516	-0.05136	0.102	0.11142
50	3.376	3.5127	3.6656	0.10753	3.4538	3.5501	3.69	0.07824	-0.1631	0.03746	0.2345	0.14768
100	3.4142	3.5737	3.6905	0.082478	3.4906	3.6091	3.7793	0.08102	-0.0959	0.03537	0.3651	0.13997

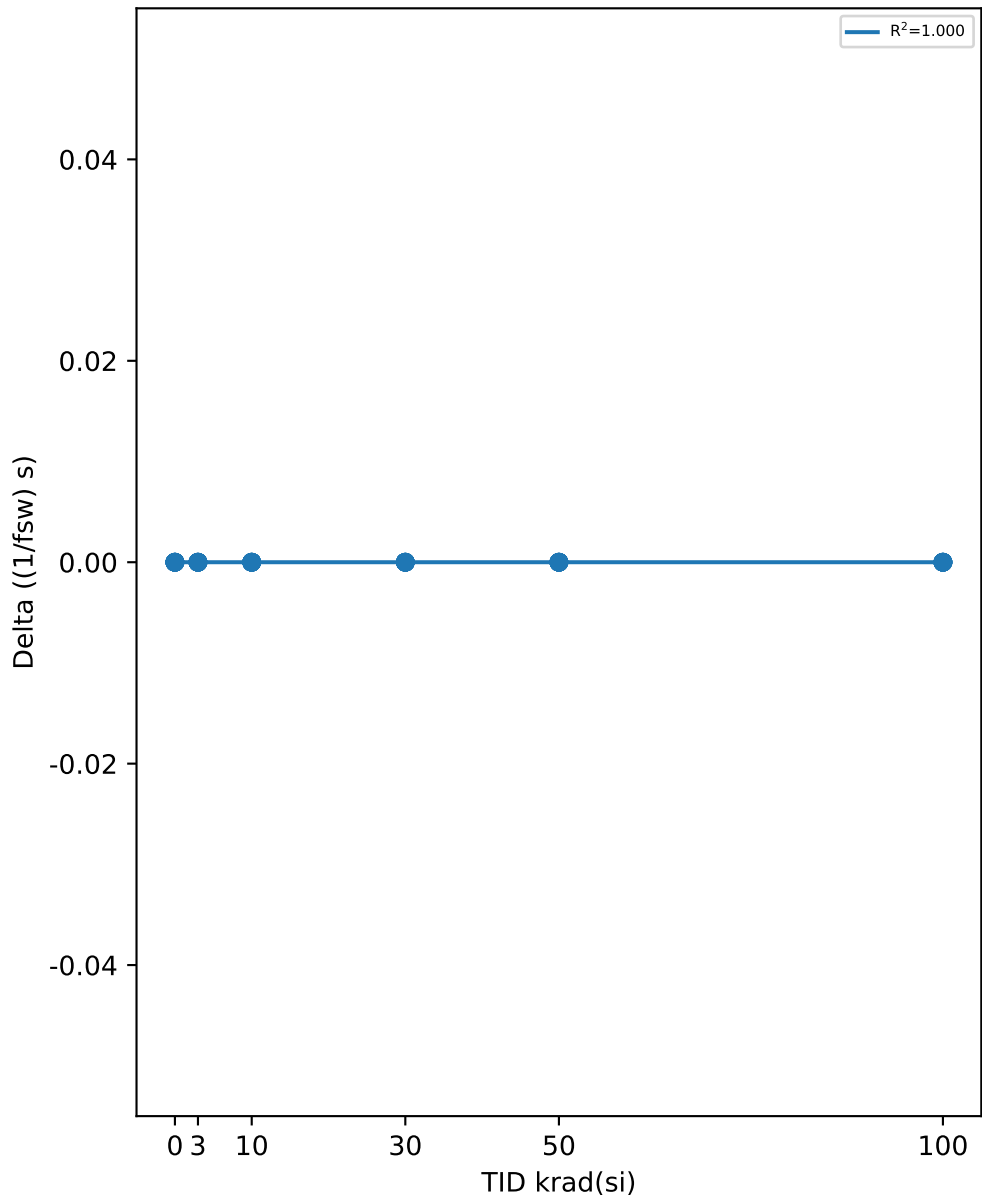
TID vs Result Stats



Test Results (Upper Limit = 2.0 ((1/fsw) s))

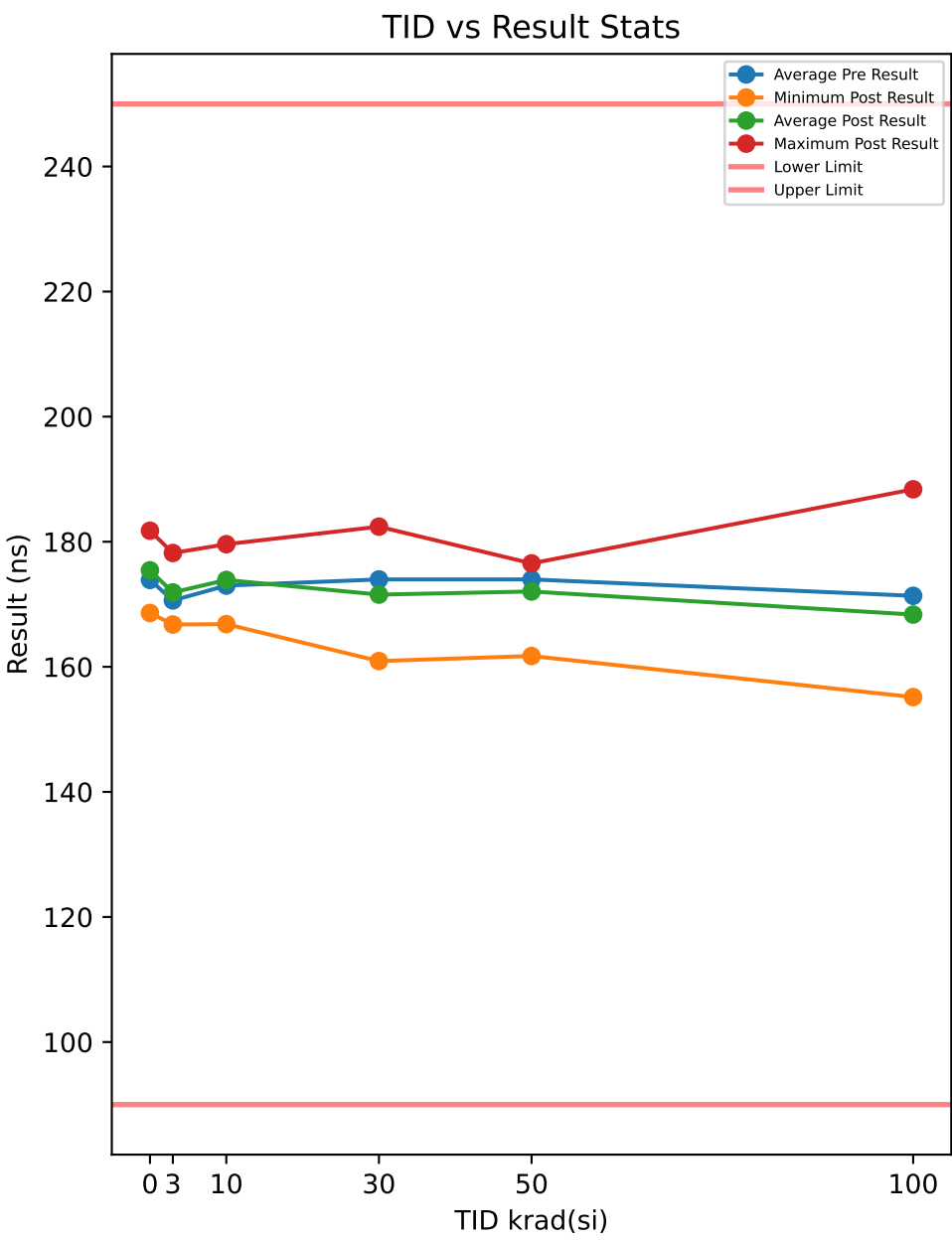
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1	1	0
516	0	CORRELATION	1	1	0
721	0	CORRELATION	1	1	0
723	0	CORRELATION	1	1	0
729	0	CORRELATION	1	1	0
1000	3	Unbiased	1	1	0
1001	3	Unbiased	1	1	0
1002	3	Unbiased	1	1	0
1003	3	Unbiased	1	1	0
1004	3	Unbiased	1	1	0
1005	3	Biased	1	1	0
1006	3	Biased	1	1	0
1007	3	Biased	1	1	0
1008	3	Biased	1	1	0
1009	3	Biased	1	1	0
1010	10	Unbiased	1	1	0
1011	10	Unbiased	1	1	0
1012	10	Unbiased	1	1	0
1013	10	Unbiased	1	1	0
1014	10	Unbiased	1	1	0
1015	10	Biased	1	1	0
1016	10	Biased	1	1	0
1017	10	Biased	1	1	0
1018	10	Biased	1	1	0
1019	10	Biased	1	1	0
1020	30	Unbiased	1	1	0
1021	30	Unbiased	1	1	0
1022	30	Unbiased	1	1	0
1023	30	Unbiased	1	1	0
1024	30	Unbiased	1	1	0
1025	30	Biased	1	1	0
1026	30	Biased	1	1	0
1027	30	Biased	1	1	0
1028	30	Biased	1	1	0
1029	30	Biased	1	1	0
1030	50	Unbiased	1	1	0
1031	50	Unbiased	1	1	0
1032	50	Unbiased	1	1	0
1033	50	Unbiased	1	1	0
1034	50	Unbiased	1	1	0
1035	50	Biased-84Hr-Anneal	1	1	0
1036	50	Biased-84Hr-Anneal	1	1	0
1037	50	Biased-84Hr-Anneal	1	1	0
1038	50	Biased-84Hr-Anneal	1	1	0
1039	50	Biased-84Hr-Anneal	1	1	0
1040	100	Unbiased-168Hr-Anneal	1	1	0
1041	100	Unbiased-168Hr-Anneal	1	1	0
1042	100	Unbiased-168Hr-Anneal	1	1	0
1043	100	Unbiased-168Hr-Anneal	1	1	0
1044	100	Unbiased-168Hr-Anneal	1	1	0
1045	100	Biased-168Hr-Anneal	1	1	0
1046	100	Biased-168Hr-Anneal	1	1	0
1047	100	Biased-168Hr-Anneal	1	1	0
1048	100	Biased-168Hr-Anneal	1	1	0
1049	100	Biased-168Hr-Anneal	1	1	0

TID vs Post - Pre Exposure Delta



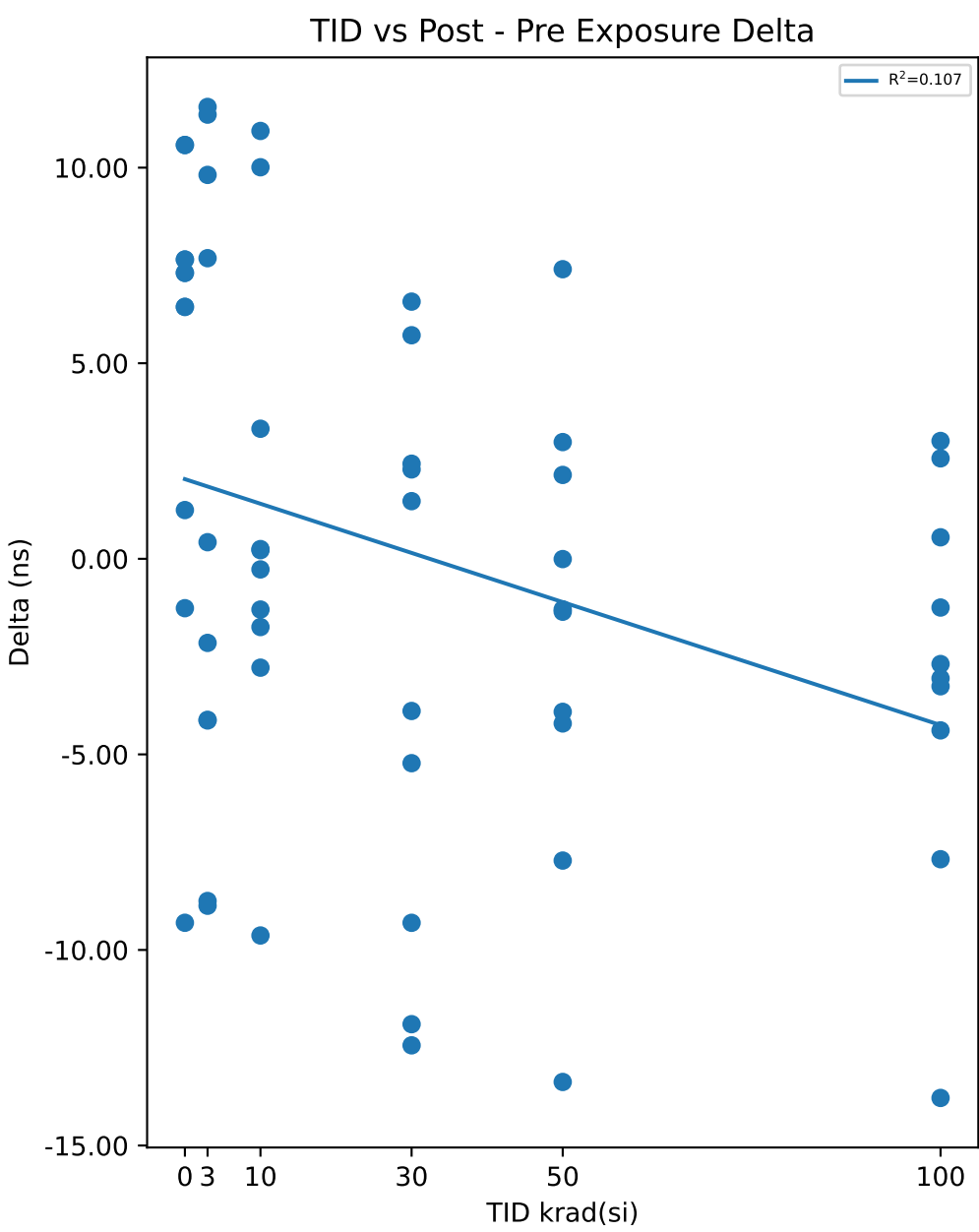
Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1	1	1	0	1	1	1	0	0	0	0	0
3	1	1	1	0	1	1	1	0	0	0	0	0
10	1	1	1	0	1	1	1	0	0	0	0	0
30	1	1	1	0	1	1	1	0	0	0	0	0
50	1	1	1	0	1	1	1	0	0	0	0	0
100	1	1	1	0	1	1	1	0	0	0	0	0



Test Results (Lower Limit = 90.0, Upper Limit = 250.0 (ns))

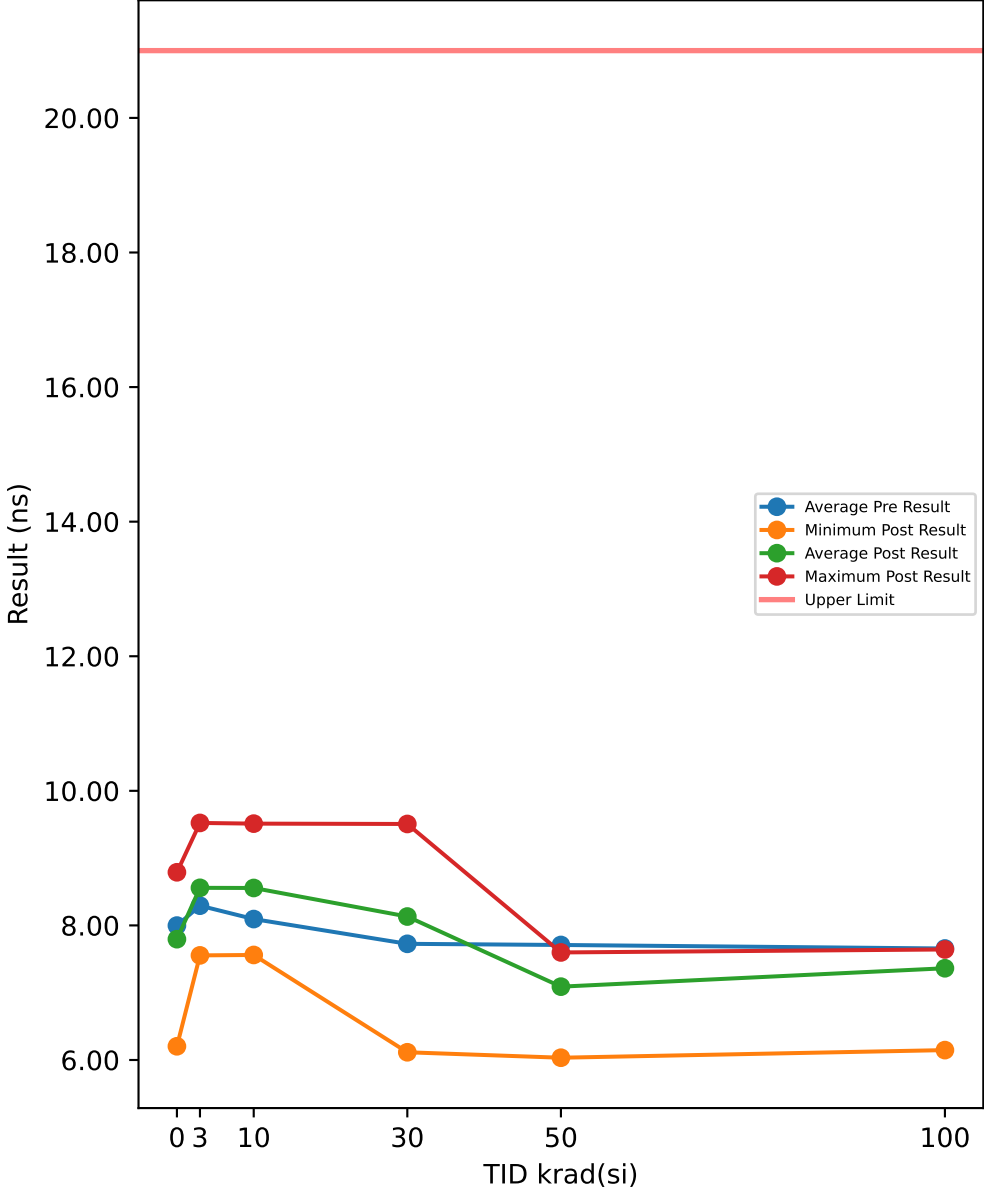
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	180.51	181.76	1.2461
516	0	CORRELATION	175.82	174.56	-1.2629
721	0	CORRELATION	177.92	168.61	-9.3054
723	0	CORRELATION	163.04	173.62	10.579
729	0	CORRELATION	172.17	178.61	6.4403
1000	3	Unbiased	176.31	167.45	-8.8696
1001	3	Unbiased	158.35	169.71	11.356
1002	3	Unbiased	170.99	171.41	0.4244
1003	3	Unbiased	178.61	174.48	-4.1331
1004	3	Unbiased	170.51	178.2	7.6858
1005	3	Biased	163.15	174.71	11.553
1006	3	Biased	175.51	166.76	-8.7483
1007	3	Biased	164.62	174.44	9.8151
1008	3	Biased	173.89	169.77	-4.1167
1009	3	Biased	174.2	172.05	-2.1499
1010	10	Unbiased	171.57	170.28	-1.2972
1011	10	Unbiased	176.1	176.35	0.2486
1012	10	Unbiased	174.7	178.03	3.3253
1013	10	Unbiased	176.45	166.82	-9.6304
1014	10	Unbiased	168.7	178.71	10.01
1015	10	Biased	168.66	179.6	10.939
1016	10	Biased	176.9	175.15	-1.7445
1017	10	Biased	168.24	168.46	0.2206
1018	10	Biased	175.53	175.26	-0.2712
1019	10	Biased	172.99	170.2	-2.7833
1020	30	Unbiased	172.32	178.04	5.7159
1021	30	Unbiased	183.11	173.81	-9.3063
1022	30	Unbiased	178.27	173.04	-5.2251
1023	30	Unbiased	176.51	164.07	-12.439
1024	30	Unbiased	165.44	172.02	6.575
1025	30	Biased	172.82	160.92	-11.898
1026	30	Biased	179.98	182.41	2.4308
1027	30	Biased	164.74	166.22	1.4737
1028	30	Biased	178.6	174.71	-3.8904
1029	30	Biased	167.96	170.24	2.2853
1030	50	Unbiased	173.09	168.89	-4.2092
1031	50	Unbiased	175.39	174.09	-1.2926
1032	50	Unbiased	175.11	161.73	-13.375
1033	50	Unbiased	168.31	175.72	7.4039
1034	50	Unbiased	178.18	174.27	-3.9123
1035	50	Biased-84Hr-Anneal	167.99	167.99	-0.007
1036	50	Biased-84Hr-Anneal	177.58	176.22	-1.3532
1037	50	Biased-84Hr-Anneal	168.19	170.33	2.1445
1038	50	Biased-84Hr-Anneal	173.55	176.54	2.9841
1039	50	Biased-84Hr-Anneal	182.37	174.65	-7.7151
1040	100	Unbiased-168Hr-Anneal	170.71	171.26	0.5496
1041	100	Unbiased-168Hr-Anneal	168.94	155.16	-13.784
1042	100	Unbiased-168Hr-Anneal	178.24	170.56	-7.6807
1043	100	Unbiased-168Hr-Anneal	170.68	167.62	-3.0564
1044	100	Unbiased-168Hr-Anneal	177.34	174.08	-3.2589
1045	100	Biased-168Hr-Anneal	174.85	170.46	-4.3868
1046	100	Biased-168Hr-Anneal	163.88	161.19	-2.6904
1047	100	Biased-168Hr-Anneal	185.37	188.38	3.0126
1048	100	Biased-168Hr-Anneal	163.76	162.51	-1.2461
1049	100	Biased-168Hr-Anneal	159.73	162.3	2.5683



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	163.04	173.89	180.51	6.7917	168.61	175.43	181.76	5.0182	-9.3054	1.5395	10.579	7.6041
3	158.35	170.62	178.61	6.5491	166.76	171.9	178.2	3.5965	-8.8696	1.2816	11.553	8.1338
10	168.24	172.99	176.9	3.4662	166.82	173.89	179.6	4.5777	-9.6304	0.90168	10.939	6.0386
30	164.74	173.97	183.11	6.3608	160.92	171.55	182.41	6.4695	-12.439	-2.4278	6.575	7.1149
50	167.99	173.98	182.37	4.7917	161.73	172.04	176.54	4.7472	-13.375	-1.9332	7.4039	5.8299
100	159.73	171.35	185.37	7.7977	155.16	168.35	188.38	9.119	-13.784	-2.9973	3.0126	4.9791

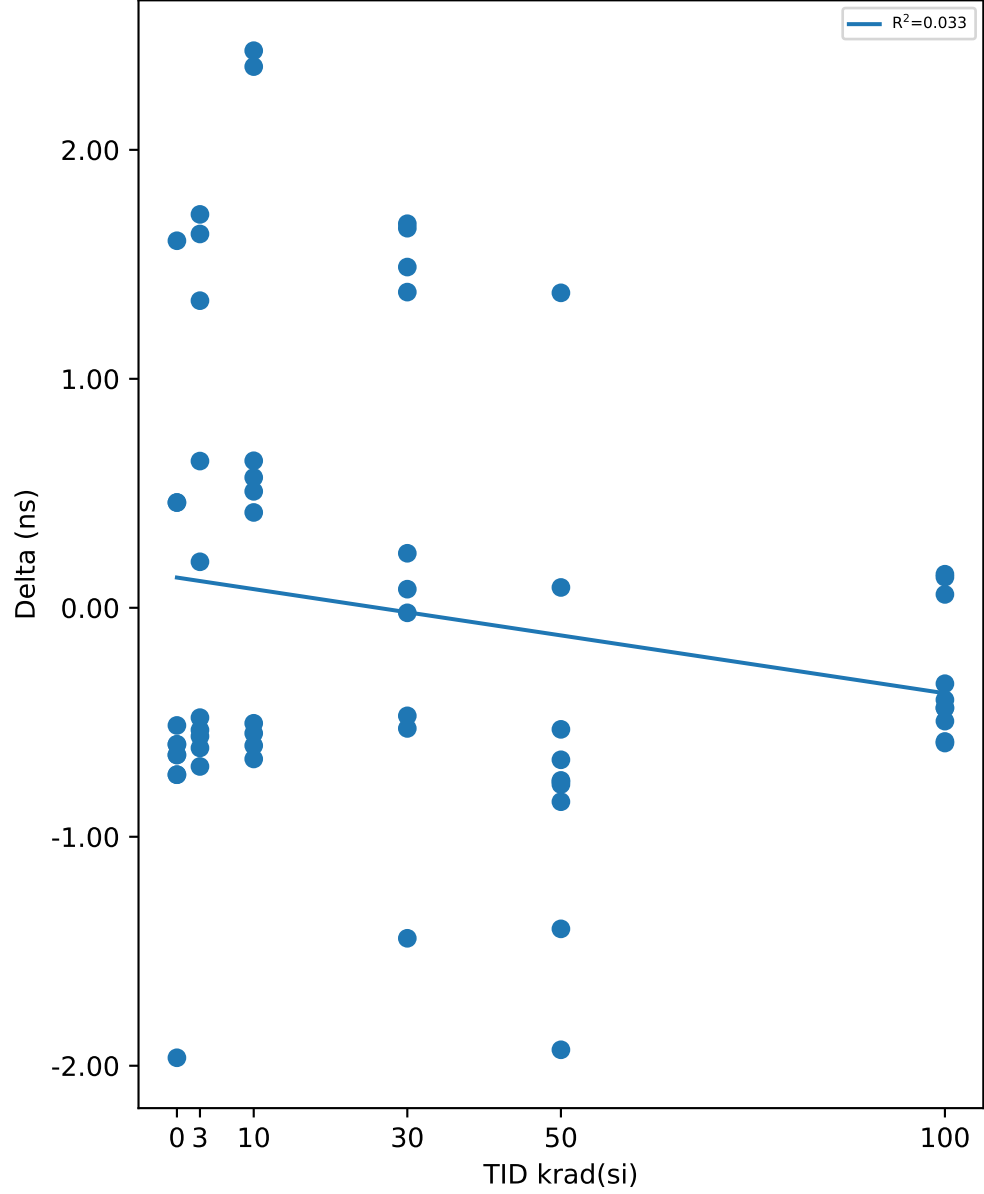
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.9972	7.6002	1.603
516	0	CORRELATION	8.1688	6.2036	-1.9652
721	0	CORRELATION	9.2704	8.7566	-0.5138
723	0	CORRELATION	8.2215	7.5788	-0.6427
729	0	CORRELATION	8.3296	8.7894	0.4598
1000	3	Unbiased	9.2571	8.7235	-0.5336
1001	3	Unbiased	8.1666	7.5545	-0.6121
1002	3	Unbiased	9.3219	9.5228	0.2009
1003	3	Unbiased	7.0457	8.7638	1.7181
1004	3	Unbiased	8.2149	7.6538	-0.5611
1005	3	Biased	8.2672	7.5742	-0.693
1006	3	Biased	9.3013	8.8216	-0.4797
1007	3	Biased	8.1422	9.4835	1.3413
1008	3	Biased	7.1539	8.7865	1.6326
1009	3	Biased	8.0597	8.7005	0.6408
1010	10	Unbiased	7.1444	7.5608	0.4164
1011	10	Unbiased	7.1284	9.4919	2.3635
1012	10	Unbiased	8.2116	8.7806	0.569
1013	10	Unbiased	9.2698	8.7654	-0.5044
1014	10	Unbiased	8.1279	7.5798	-0.5481
1015	10	Biased	8.2808	7.6206	-0.6602
1016	10	Biased	9.3084	8.7066	-0.6018
1017	10	Biased	8.2414	8.75	0.5086
1018	10	Biased	7.0794	9.5125	2.4331
1019	10	Biased	8.1516	8.7937	0.6421
1020	30	Unbiased	8.1288	9.5075	1.3787
1021	30	Unbiased	9.2196	8.7477	-0.4719
1022	30	Unbiased	7.1041	8.7619	1.6578
1023	30	Unbiased	5.9711	7.4592	1.4881
1024	30	Unbiased	7.4348	7.5161	0.0813
1025	30	Biased	7.1229	8.8002	1.6773
1026	30	Biased	9.2588	9.4969	0.2381
1027	30	Biased	7.3781	7.3561	-0.022
1028	30	Biased	8.0866	7.5597	-0.5269
1029	30	Biased	7.5581	6.1147	-1.4434
1030	50	Unbiased	8.1212	7.5903	-0.5309
1031	50	Unbiased	7.5136	6.1114	-1.4022
1032	50	Unbiased	6.0446	7.4201	1.3755
1033	50	Unbiased	7.4293	7.5181	0.0888
1034	50	Unbiased	8.1115	6.1812	-1.9303
1035	50	Biased-84Hr-Anneal	8.1474	7.4836	-0.6638
1036	50	Biased-84Hr-Anneal	8.3698	7.5982	-0.7716
1037	50	Biased-84Hr-Anneal	8.1552	7.4013	-0.7539
1038	50	Biased-84Hr-Anneal	8.3195	7.56	-0.7595
1039	50	Biased-84Hr-Anneal	6.8806	6.0337	-0.8469
1040	100	Unbiased-168Hr-Anneal	7.5729	7.6313	0.0584
1041	100	Unbiased-168Hr-Anneal	8.0507	7.4669	-0.5838
1042	100	Unbiased-168Hr-Anneal	8.0795	7.6424	-0.4371
1043	100	Unbiased-168Hr-Anneal	7.3766	7.5105	0.1339
1044	100	Unbiased-168Hr-Anneal	6.0002	6.1468	0.1466
1045	100	Biased-168Hr-Anneal	7.9766	7.3859	-0.5907
1046	100	Biased-168Hr-Anneal	7.8354	7.4336	-0.4018
1047	100	Biased-168Hr-Anneal	8.0494	7.5544	-0.495
1048	100	Biased-168Hr-Anneal	7.7969	7.4654	-0.3315
1049	100	Biased-168Hr-Anneal	7.8319	7.3945	-0.4374

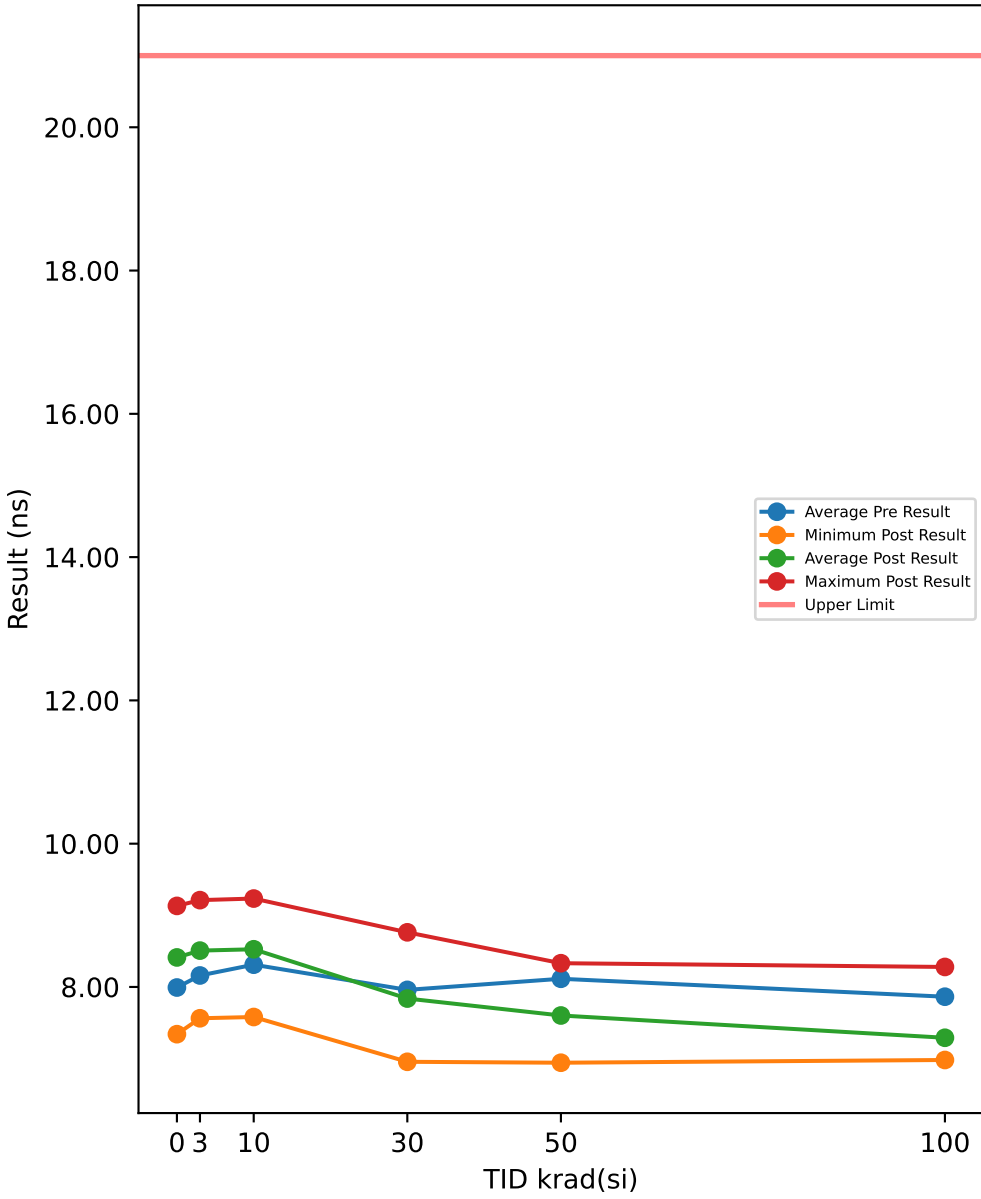
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.9972	7.9975	9.2704	1.2053	6.2036	7.7857	8.7894	1.0642	-1.9652	-0.21178	1.603	1.3319
3	7.0457	8.293	9.3219	0.81363	7.5545	8.5585	9.5228	0.72966	-0.693	0.26542	1.7181	0.99149
10	7.0794	8.0944	9.3084	0.80248	7.5608	8.5562	9.5125	0.73184	-0.6602	0.46182	2.4331	1.1496
30	5.9711	7.7263	9.2588	0.99648	6.1147	8.132	9.5075	1.0959	-1.4434	0.40571	1.6773	1.0893
50	6.0446	7.7093	8.3698	0.75318	6.0337	7.0898	7.5982	0.68092	-1.9303	-0.61948	1.3755	0.8778
100	6.0002	7.657	8.0795	0.62381	6.1468	7.3632	7.6424	0.43657	-0.5907	-0.29384	0.1466	0.2921

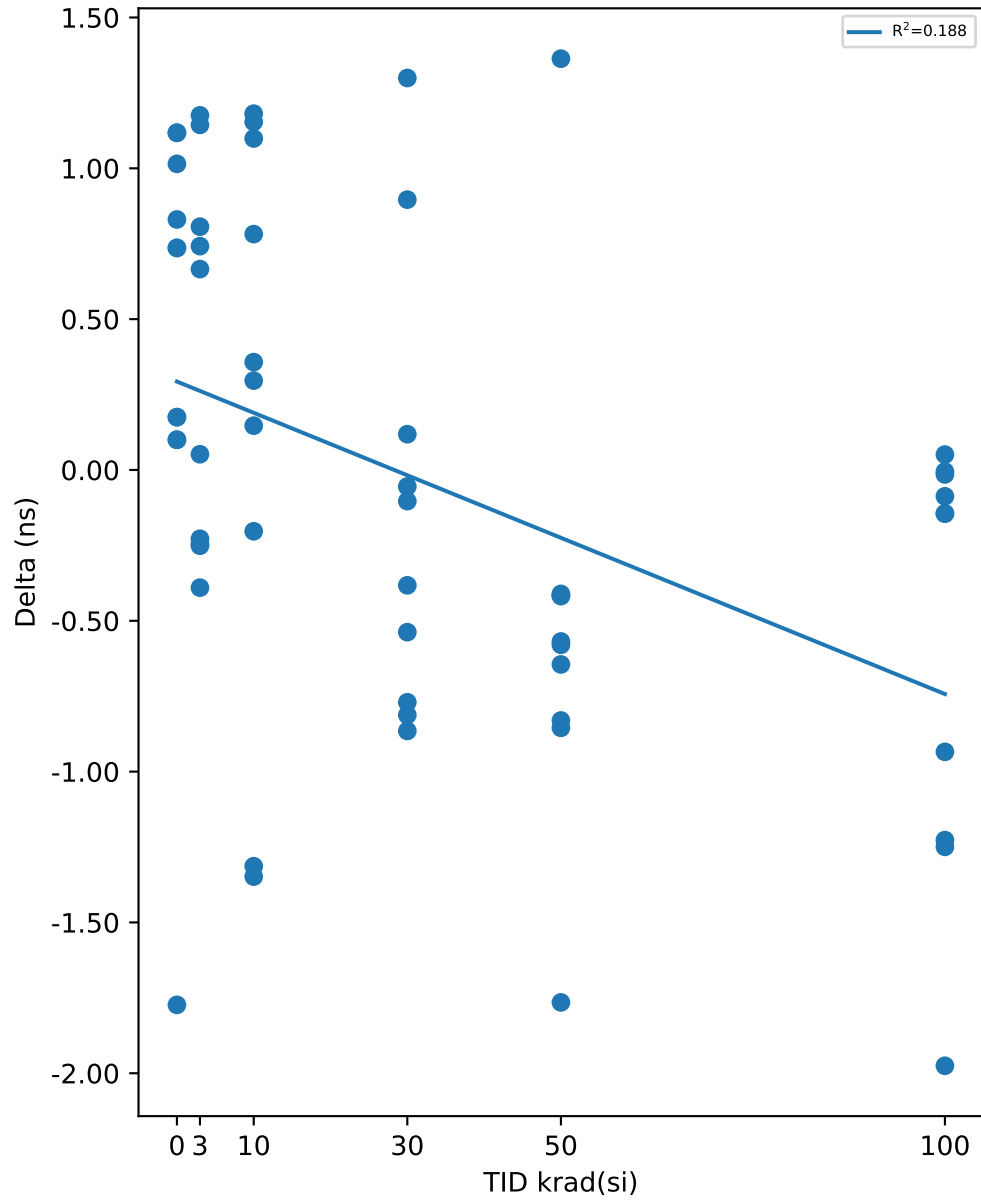
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.2805	8.2953	1.0148
516	0	CORRELATION	9.1142	7.3409	-1.7733
721	0	CORRELATION	7.4855	8.3159	0.8304
723	0	CORRELATION	8.0136	9.1314	1.1178
729	0	CORRELATION	8.0673	8.8034	0.7361
1000	3	Unbiased	7.5807	8.3227	0.742
1001	3	Unbiased	7.9749	9.119	1.1441
1002	3	Unbiased	7.562	7.6141	0.0521
1003	3	Unbiased	8.9248	8.6968	-0.228
1004	3	Unbiased	8.5413	9.2072	0.6659
1005	3	Biased	8.0364	9.212	1.1756
1006	3	Biased	7.5498	8.3563	0.8065
1007	3	Biased	7.9531	7.563	-0.3901
1008	3	Biased	8.9364	8.6851	-0.2513
1009	3	Biased	8.5438	8.2986	-0.2452
1010	10	Unbiased	8.8773	9.1735	0.2962
1011	10	Unbiased	8.9287	7.5806	-1.3481
1012	10	Unbiased	8.5837	8.7305	0.1468
1013	10	Unbiased	7.577	8.3589	0.7819
1014	10	Unbiased	8.0357	9.1897	1.154
1015	10	Biased	8.0529	9.2341	1.1812
1016	10	Biased	7.6082	8.7071	1.0989
1017	10	Biased	7.9919	8.3494	0.3575
1018	10	Biased	8.8981	7.5845	-1.3136
1019	10	Biased	8.5558	8.3526	-0.2032
1020	30	Unbiased	8.467	7.6018	-0.8652
1021	30	Unbiased	7.4885	8.3847	0.8962
1022	30	Unbiased	8.866	8.7627	-0.1033
1023	30	Unbiased	7.3378	6.9554	-0.3824
1024	30	Unbiased	6.9026	8.2021	1.2995
1025	30	Biased	8.8477	8.31	-0.5377
1026	30	Biased	7.6364	7.5816	-0.0548
1027	30	Biased	6.9145	7.0331	0.1186
1028	30	Biased	8.9811	8.211	-0.7701
1029	30	Biased	8.1517	7.3395	-0.8122
1030	50	Unbiased	9.0872	8.2323	-0.8549
1031	50	Unbiased	8.1768	7.3463	-0.8305
1032	50	Unbiased	7.3534	6.9425	-0.4109
1033	50	Unbiased	6.968	8.3315	1.3635
1034	50	Unbiased	9.116	7.3509	-1.7651
1035	50	Biased-84Hr-Anneal	7.4798	7.0645	-0.4153
1036	50	Biased-84Hr-Anneal	8.7666	8.1219	-0.6447
1037	50	Biased-84Hr-Anneal	7.4723	7.0541	-0.4182
1038	50	Biased-84Hr-Anneal	8.7681	8.1885	-0.5796
1039	50	Biased-84Hr-Anneal	7.9541	7.3855	-0.5686
1040	100	Unbiased-168Hr-Anneal	8.2942	8.2793	-0.0149
1041	100	Unbiased-168Hr-Anneal	9.013	7.0378	-1.9752
1042	100	Unbiased-168Hr-Anneal	9.079	8.1445	-0.9345
1043	100	Unbiased-168Hr-Anneal	6.9859	6.9806	-0.0053
1044	100	Unbiased-168Hr-Anneal	7.3446	7.3956	0.051
1045	100	Biased-168Hr-Anneal	8.2269	6.9999	-1.227
1046	100	Biased-168Hr-Anneal	7.1589	7.0142	-0.1447
1047	100	Biased-168Hr-Anneal	8.2811	7.0316	-1.2495
1048	100	Biased-168Hr-Anneal	7.1024	7.0151	-0.0873
1049	100	Biased-168Hr-Anneal	7.154	7.0098	-0.1442

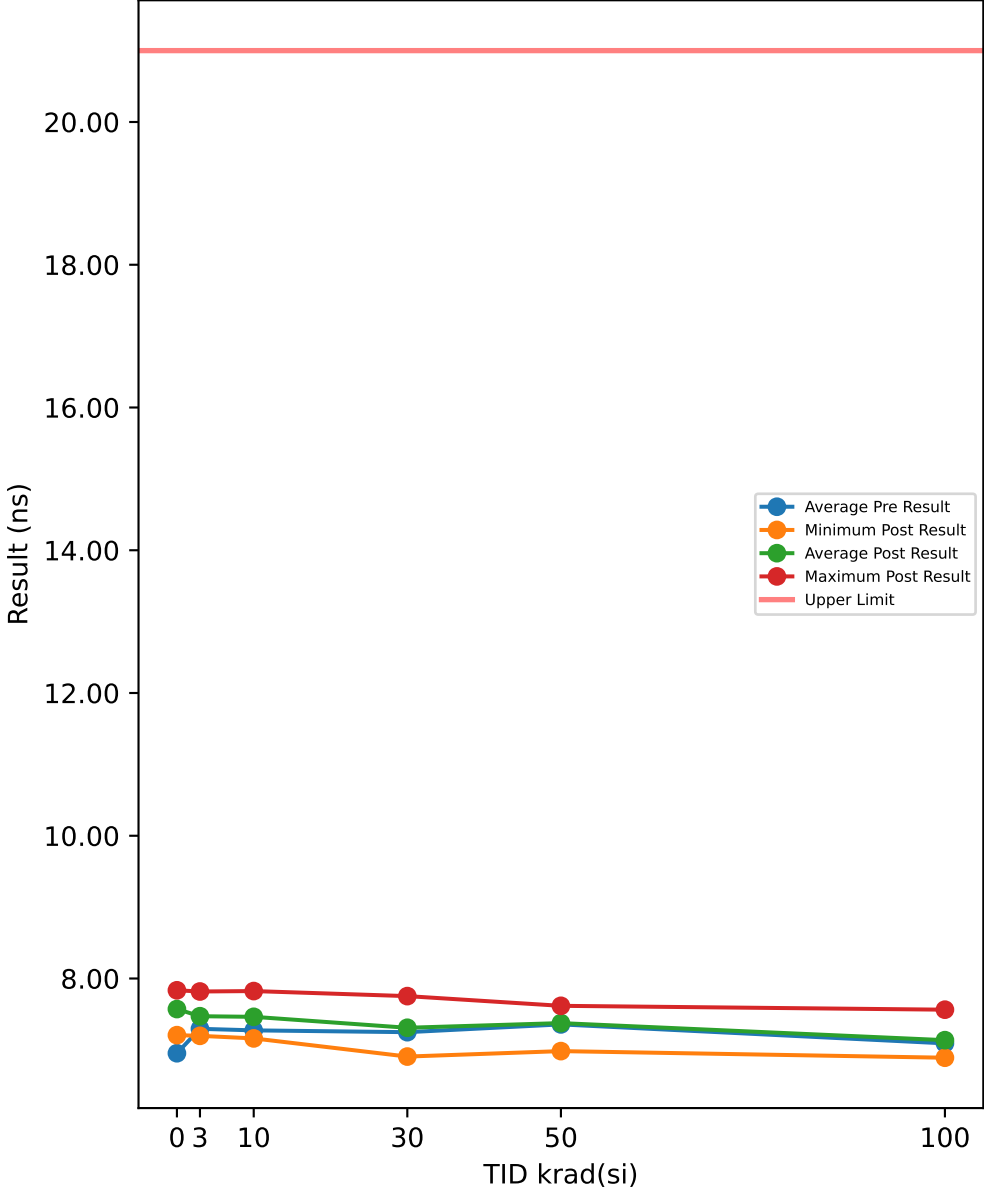
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.2805	7.9922	9.1142	0.71208	7.3409	8.3774	9.1314	0.67728	-1.7733	0.38516	1.1178	1.2159
3	7.5498	8.1603	8.9364	0.54143	7.563	8.5075	9.212	0.59797	-0.3901	0.34716	1.1756	0.62007
10	7.577	8.3109	8.9287	0.52262	7.5806	8.5261	9.2341	0.606	-1.3481	0.21516	1.1812	0.93715
30	6.9026	7.9593	8.9811	0.80764	6.9554	7.8382	8.7627	0.61872	-0.8652	-0.12114	1.2995	0.73102
50	6.968	8.1142	9.116	0.78459	6.9425	7.6018	8.3315	0.55207	-1.7651	-0.51243	1.3635	0.77176
100	6.9859	7.864	9.079	0.8103	6.9806	7.2908	8.2793	0.50116	-1.9752	-0.57316	0.051	0.71559

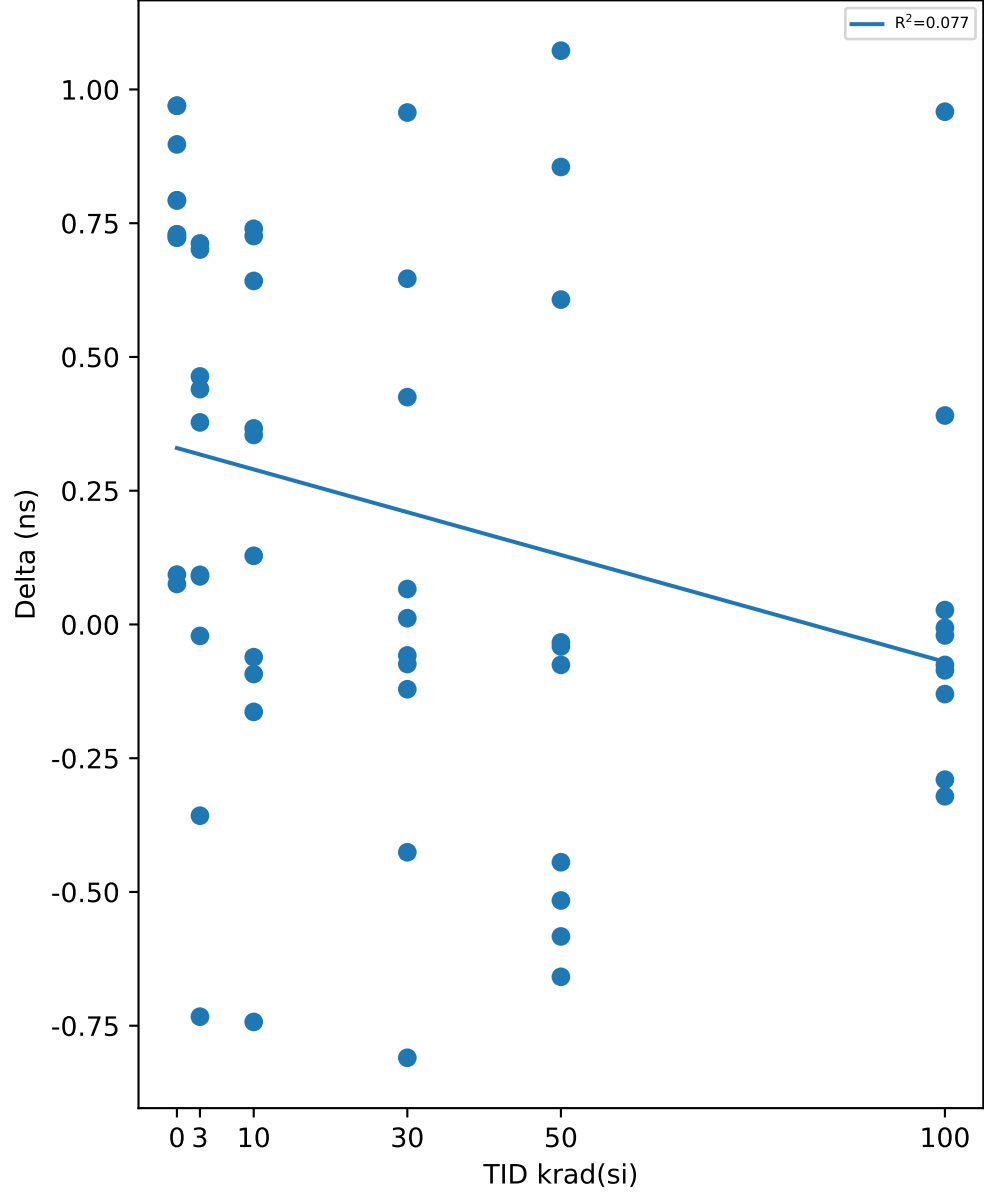
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.4651	7.5583	0.0932
516	0	CORRELATION	6.4914	7.3887	0.8973
721	0	CORRELATION	7.1306	7.2063	0.0757
723	0	CORRELATION	6.8121	7.6048	0.7927
729	0	CORRELATION	6.8651	7.8347	0.9696
1000	3	Unbiased	7.1687	7.2615	0.0928
1001	3	Unbiased	6.9427	7.6435	0.7008
1002	3	Unbiased	7.1248	7.2147	0.0899
1003	3	Unbiased	7.2936	7.7572	0.4636
1004	3	Unbiased	8.0341	7.6767	-0.3574
1005	3	Biased	6.9616	7.6738	0.7122
1006	3	Biased	7.2182	7.1968	-0.0214
1007	3	Biased	6.8446	7.2223	0.3777
1008	3	Biased	7.3781	7.818	0.4399
1009	3	Biased	7.985	7.2519	-0.7331
1010	10	Unbiased	7.3137	7.6802	0.3665
1011	10	Unbiased	7.2219	7.1608	-0.0611
1012	10	Unbiased	7.9874	7.824	-0.1634
1013	10	Unbiased	7.1187	7.2471	0.1284
1014	10	Unbiased	6.866	7.5921	0.7261
1015	10	Biased	6.9078	7.6474	0.7396
1016	10	Biased	7.1444	7.7865	0.6421
1017	10	Biased	6.8848	7.239	0.3542
1018	10	Biased	7.3142	7.2215	-0.0927
1019	10	Biased	7.975	7.2321	-0.7429
1020	30	Unbiased	7.9757	7.1658	-0.8099
1021	30	Unbiased	7.1619	7.2282	0.0663
1022	30	Unbiased	7.3283	7.7532	0.4249
1023	30	Unbiased	7.4457	7.0199	-0.4258
1024	30	Unbiased	6.9367	7.583	0.6463
1025	30	Biased	7.3344	7.2133	-0.1211
1026	30	Biased	7.1902	7.2019	0.0117
1027	30	Biased	6.9802	6.9063	-0.0739
1028	30	Biased	6.6039	7.5608	0.9569
1029	30	Biased	7.5231	7.4652	-0.0579
1030	50	Unbiased	6.5352	7.6077	1.0725
1031	50	Unbiased	7.5617	7.5282	-0.0335
1032	50	Unbiased	7.4436	6.9992	-0.4444
1033	50	Unbiased	7.01	7.6172	0.6072
1034	50	Unbiased	6.5395	7.3946	0.8551
1035	50	Biased-84Hr-Anneal	7.5658	6.9827	-0.5831
1036	50	Biased-84Hr-Anneal	7.6152	7.5742	-0.041
1037	50	Biased-84Hr-Anneal	7.6159	7.1	-0.5159
1038	50	Biased-84Hr-Anneal	7.5931	7.5176	-0.0755
1039	50	Biased-84Hr-Anneal	8.0898	7.4312	-0.6586
1040	100	Unbiased-168Hr-Anneal	7.5363	7.5632	0.0269
1041	100	Unbiased-168Hr-Anneal	6.5568	6.9474	0.3906
1042	100	Unbiased-168Hr-Anneal	6.4981	7.4565	0.9584
1043	100	Unbiased-168Hr-Anneal	6.9106	6.8901	-0.0205
1044	100	Unbiased-168Hr-Anneal	7.4039	7.3977	-0.0062
1045	100	Biased-168Hr-Anneal	7.3185	7.0284	-0.2901
1046	100	Biased-168Hr-Anneal	7.1292	7.0435	-0.0857
1047	100	Biased-168Hr-Anneal	7.3189	6.9977	-0.3212
1048	100	Biased-168Hr-Anneal	7.1255	6.9954	-0.1301
1049	100	Biased-168Hr-Anneal	7.1159	7.0403	-0.0756

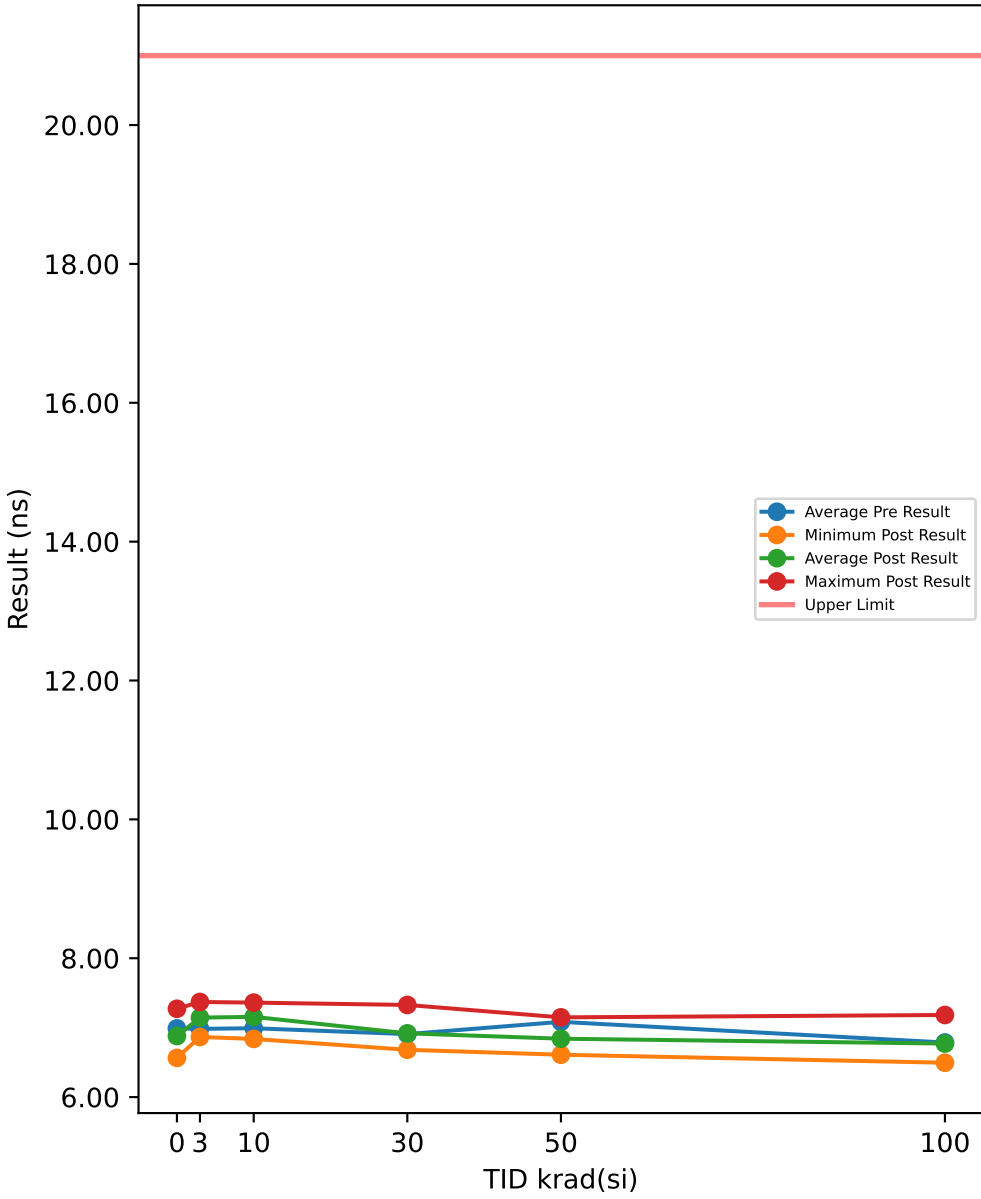
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.4914	6.9529	7.4651	0.36553	7.2063	7.5186	7.8347	0.23629	0.0757	0.5657	0.9696	0.44384
3	6.8446	7.2951	8.0341	0.41072	7.1968	7.4716	7.818	0.26037	-0.7331	0.1765	0.7122	0.46191
10	6.866	7.2734	7.9874	0.40814	7.1608	7.4631	7.824	0.26511	-0.7429	0.18968	0.7396	0.47069
30	6.6039	7.248	7.9757	0.37305	6.9063	7.3098	7.7532	0.26948	-0.8099	0.06175	0.9569	0.51001
50	6.5352	7.357	8.0898	0.50371	6.9827	7.3753	7.6172	0.25179	-0.6586	0.01828	1.0725	0.62296
100	6.4981	7.0914	7.5363	0.34522	6.8901	7.136	7.5632	0.23989	-0.3212	0.04465	0.9584	0.3756

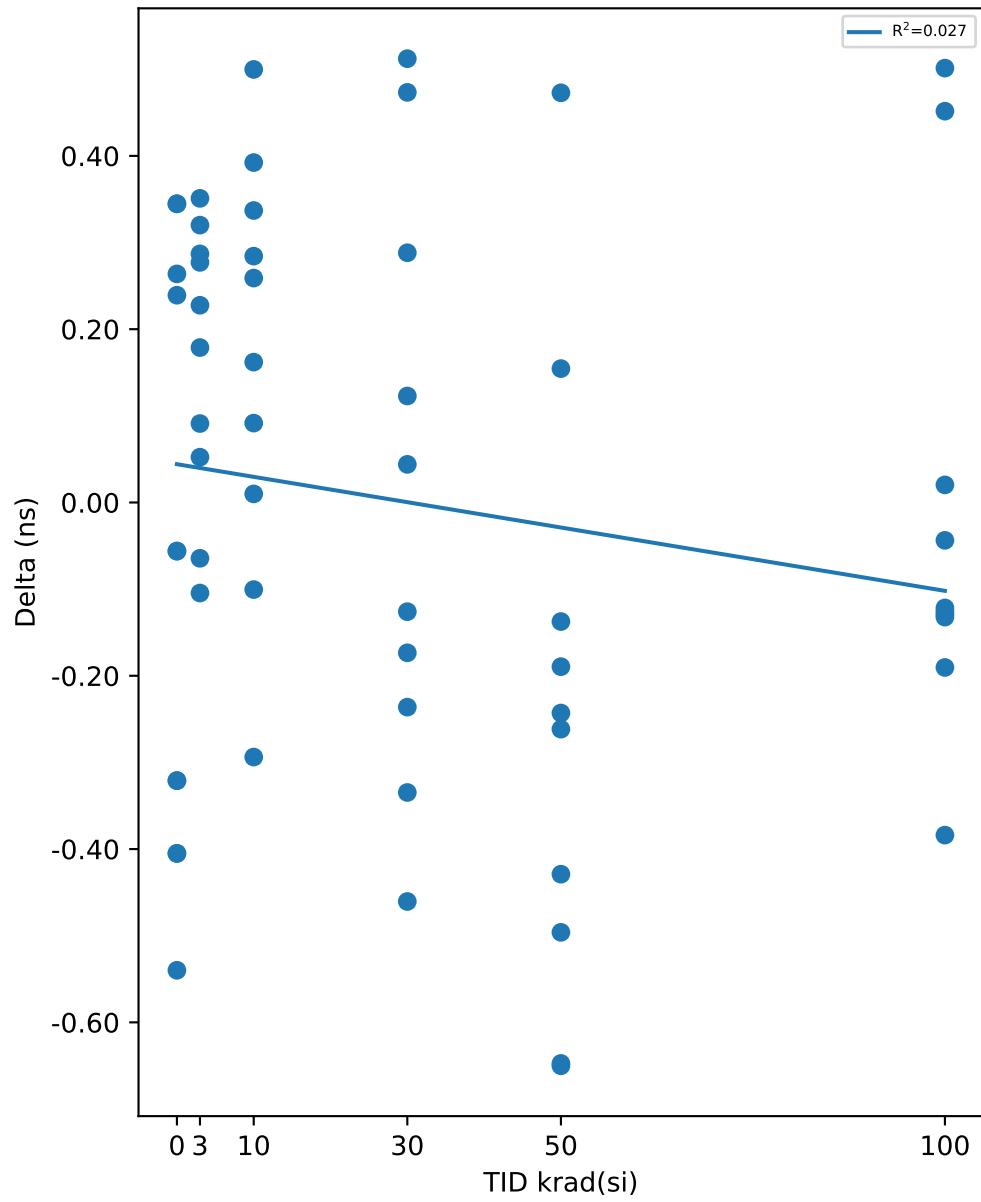
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.1483	6.6084	-0.5399
516	0	CORRELATION	6.9082	7.1474	0.2392
721	0	CORRELATION	7.0083	7.2721	0.2638
723	0	CORRELATION	6.911	7.2557	0.3447
729	0	CORRELATION	6.9698	6.9137	-0.0561
1000	3	Unbiased	7.0551	7.3322	0.2771
1001	3	Unbiased	6.9934	7.3135	0.3201
1002	3	Unbiased	6.9726	6.8681	-0.1045
1003	3	Unbiased	6.8135	6.8658	0.0523
1004	3	Unbiased	7.1424	7.37	0.2276
1005	3	Biased	6.9989	7.2858	0.2869
1006	3	Biased	6.9375	7.2885	0.351
1007	3	Biased	6.9597	6.8953	-0.0644
1008	3	Biased	6.8415	6.9326	0.0911
1009	3	Biased	7.1164	7.2952	0.1788
1010	10	Unbiased	6.8328	7.3326	0.4998
1011	10	Unbiased	6.8281	6.838	0.0099
1012	10	Unbiased	7.2392	6.9454	-0.2938
1013	10	Unbiased	7.0101	7.3471	0.337
1014	10	Unbiased	6.9814	7.2404	0.259
1015	10	Biased	7.0402	7.3245	0.2843
1016	10	Biased	7.0182	6.9177	-0.1005
1017	10	Biased	6.9684	7.3607	0.3923
1018	10	Biased	6.848	6.9396	0.0916
1019	10	Biased	7.1503	7.3123	0.162
1020	30	Unbiased	7.1734	6.8387	-0.3347
1021	30	Unbiased	7.039	7.3272	0.2882
1022	30	Unbiased	6.7398	6.8627	0.1229
1023	30	Unbiased	7.1874	6.7269	-0.4605
1024	30	Unbiased	6.8072	6.6812	-0.126
1025	30	Biased	6.7562	7.2684	0.5122
1026	30	Biased	7.0218	6.8483	-0.1735
1027	30	Biased	6.7396	6.7836	0.044
1028	30	Biased	6.9447	6.7085	-0.2362
1029	30	Biased	6.6631	7.1364	0.4733
1030	50	Unbiased	6.9182	6.6566	-0.2616
1031	50	Unbiased	6.6081	7.0809	0.4728
1032	50	Unbiased	7.246	6.817	-0.429
1033	50	Unbiased	6.7782	6.6408	-0.1374
1034	50	Unbiased	6.9706	7.1251	0.1545
1035	50	Biased-84Hr-Anneal	7.4878	6.8377	-0.6501
1036	50	Biased-84Hr-Anneal	6.8584	6.6154	-0.243
1037	50	Biased-84Hr-Anneal	7.5264	6.879	-0.6474
1038	50	Biased-84Hr-Anneal	6.7999	6.6104	-0.1895
1039	50	Biased-84Hr-Anneal	7.6445	7.1484	-0.4961
1040	100	Unbiased-168Hr-Anneal	6.7457	6.624	-0.1217
1041	100	Unbiased-168Hr-Anneal	6.8959	6.7055	-0.1904
1042	100	Unbiased-168Hr-Anneal	6.879	6.4951	-0.3839
1043	100	Unbiased-168Hr-Anneal	6.7168	6.6731	-0.0437
1044	100	Unbiased-168Hr-Anneal	7.1622	7.1825	0.0203
1045	100	Biased-168Hr-Anneal	6.3242	6.7758	0.4516
1046	100	Biased-168Hr-Anneal	6.9228	6.797	-0.1258
1047	100	Biased-168Hr-Anneal	6.3425	6.8438	0.5013
1048	100	Biased-168Hr-Anneal	6.9272	6.798	-0.1292
1049	100	Biased-168Hr-Anneal	6.9465	6.8142	-0.1323

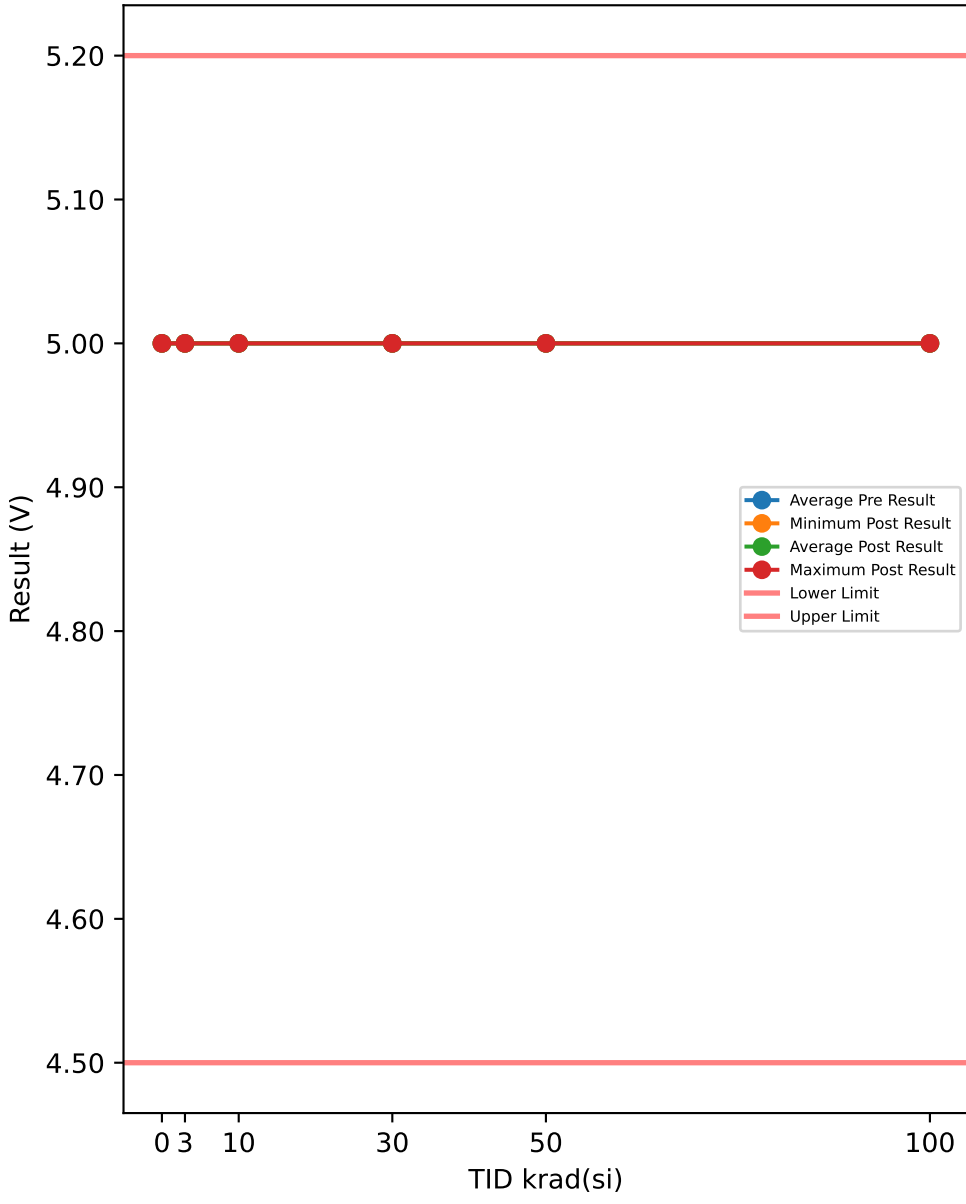
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9082	6.9891	7.1483	0.0984	6.6084	7.0395	7.2721	0.28025	-0.5399	0.05034	0.3447	0.36318
3	6.8135	6.9831	7.1424	0.10553	6.8658	7.1447	7.37	0.22089	-0.1045	0.1616	0.351	0.16107
10	6.8281	6.9917	7.2392	0.13463	6.838	7.1558	7.3607	0.21568	-0.2938	0.16416	0.4998	0.24195
30	6.6631	6.9072	7.1874	0.19142	6.6812	6.9182	7.3272	0.23727	-0.4605	0.01097	0.5122	0.33518
50	6.6081	7.0838	7.6445	0.3638	6.6104	6.8411	7.1484	0.2142	-0.6501	-0.24268	0.4728	0.35161
100	6.3242	6.7863	7.1622	0.2673	6.4951	6.7709	7.1825	0.17936	-0.3839	-0.01538	0.5013	0.27962

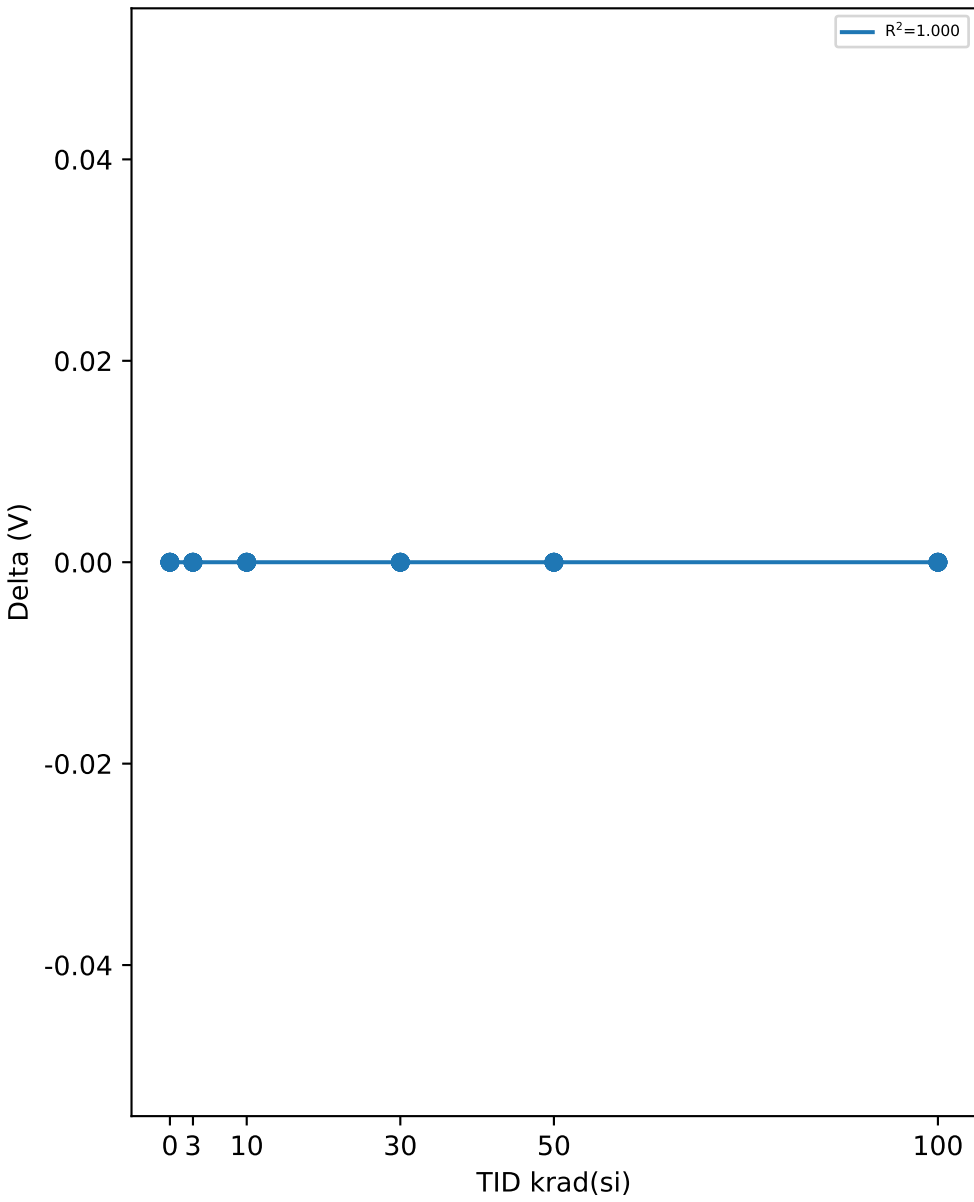
TID vs Result Stats



Test Results (Lower Limit = 4.5, Upper Limit = 5.2 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5	5	0
516	0	CORRELATION	5	5	0
721	0	CORRELATION	5	5	0
723	0	CORRELATION	5	5	0
729	0	CORRELATION	5	5	0
1000	3	Unbiased	5	5	0
1001	3	Unbiased	5	5	0
1002	3	Unbiased	5	5	0
1003	3	Unbiased	5	5	0
1004	3	Unbiased	5	5	0
1005	3	Biased	5	5	0
1006	3	Biased	5	5	0
1007	3	Biased	5	5	0
1008	3	Biased	5	5	0
1009	3	Biased	5	5	0
1010	10	Unbiased	5	5	0
1011	10	Unbiased	5	5	0
1012	10	Unbiased	5	5	0
1013	10	Unbiased	5	5	0
1014	10	Unbiased	5	5	0
1015	10	Biased	5	5	0
1016	10	Biased	5	5	0
1017	10	Biased	5	5	0
1018	10	Biased	5	5	0
1019	10	Biased	5	5	0
1020	30	Unbiased	5	5	0
1021	30	Unbiased	5	5	0
1022	30	Unbiased	5	5	0
1023	30	Unbiased	5	5	0
1024	30	Unbiased	5	5	0
1025	30	Biased	5	5	0
1026	30	Biased	5	5	0
1027	30	Biased	5	5	0
1028	30	Biased	5	5	0
1029	30	Biased	5	5	0
1030	50	Unbiased	5	5	0
1031	50	Unbiased	5	5	0
1032	50	Unbiased	5	5	0
1033	50	Unbiased	5	5	0
1034	50	Unbiased	5	5	0
1035	50	Biased-84Hr-Anneal	5	5	0
1036	50	Biased-84Hr-Anneal	5	5	0
1037	50	Biased-84Hr-Anneal	5	5	0
1038	50	Biased-84Hr-Anneal	5	5	0
1039	50	Biased-84Hr-Anneal	5	5	0
1040	100	Unbiased-168Hr-Anneal	5	5	0
1041	100	Unbiased-168Hr-Anneal	5	5	0
1042	100	Unbiased-168Hr-Anneal	5	5	0
1043	100	Unbiased-168Hr-Anneal	5	5	0
1044	100	Unbiased-168Hr-Anneal	5	5	0
1045	100	Biased-168Hr-Anneal	5	5	0
1046	100	Biased-168Hr-Anneal	5	5	0
1047	100	Biased-168Hr-Anneal	5	5	0
1048	100	Biased-168Hr-Anneal	5	5	0
1049	100	Biased-168Hr-Anneal	5	5	0

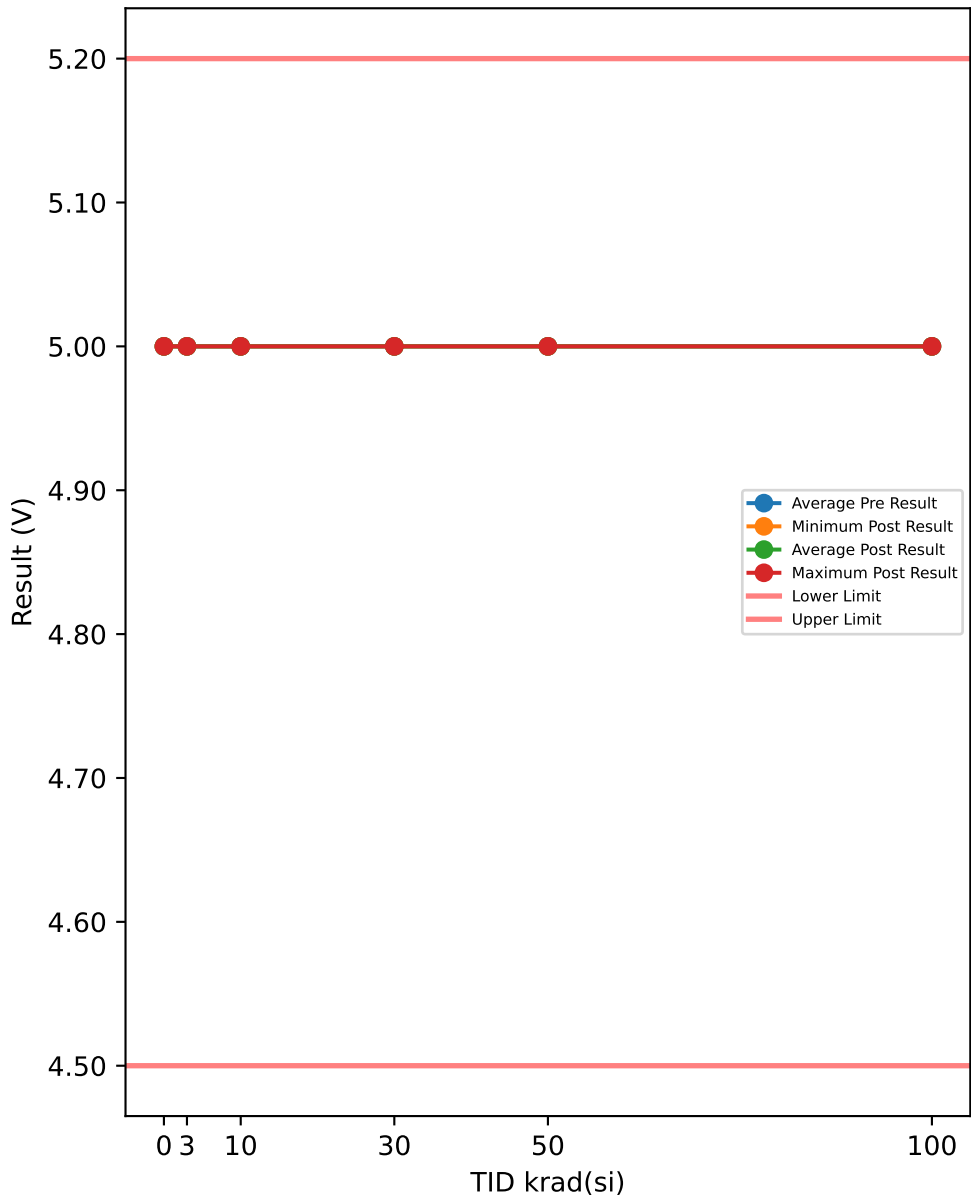
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5	5	0	0	0	0	0
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5	5	0	0	0	0	0
50	5	5	5	0	5	5	5	0	0	0	0	0
100	5	5	5	0	5	5	5	0	0	0	0	0

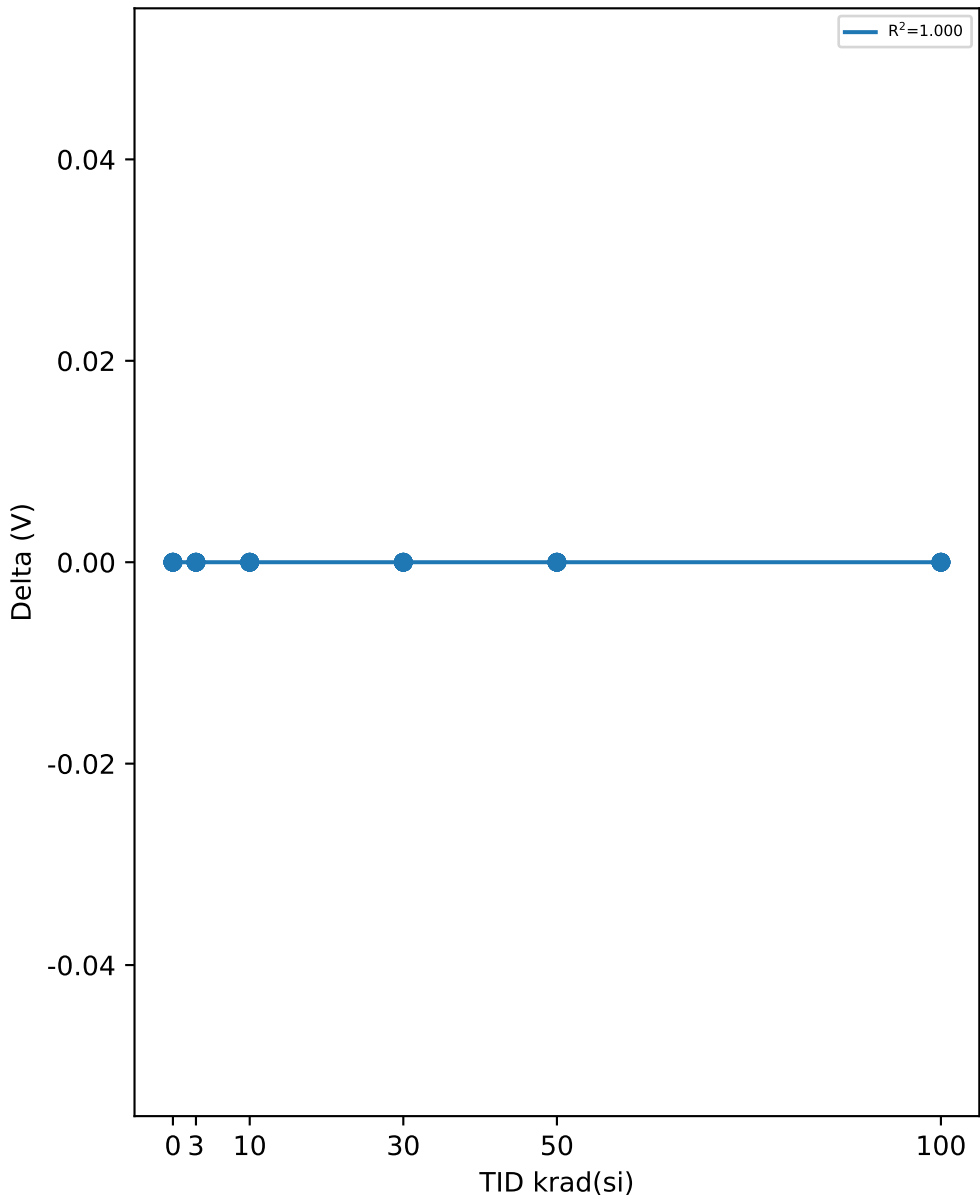
TID vs Result Stats



Test Results (Lower Limit = 4.5, Upper Limit = 5.2 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5	5	0
516	0	CORRELATION	5	5	0
721	0	CORRELATION	5	5	0
723	0	CORRELATION	5	5	0
729	0	CORRELATION	5	5	0
1000	3	Unbiased	5	5	0
1001	3	Unbiased	5	5	0
1002	3	Unbiased	5	5	0
1003	3	Unbiased	5	5	0
1004	3	Unbiased	5	5	0
1005	3	Biased	5	5	0
1006	3	Biased	5	5	0
1007	3	Biased	5	5	0
1008	3	Biased	5	5	0
1009	3	Biased	5	5	0
1010	10	Unbiased	5	5	0
1011	10	Unbiased	5	5	0
1012	10	Unbiased	5	5	0
1013	10	Unbiased	5	5	0
1014	10	Unbiased	5	5	0
1015	10	Biased	5	5	0
1016	10	Biased	5	5	0
1017	10	Biased	5	5	0
1018	10	Biased	5	5	0
1019	10	Biased	5	5	0
1020	30	Unbiased	5	5	0
1021	30	Unbiased	5	5	0
1022	30	Unbiased	5	5	0
1023	30	Unbiased	5	5	0
1024	30	Unbiased	5	5	0
1025	30	Biased	5	5	0
1026	30	Biased	5	5	0
1027	30	Biased	5	5	0
1028	30	Biased	5	5	0
1029	30	Biased	5	5	0
1030	50	Unbiased	5	5	0
1031	50	Unbiased	5	5	0
1032	50	Unbiased	5	5	0
1033	50	Unbiased	5	5	0
1034	50	Unbiased	5	5	0
1035	50	Biased-84Hr-Anneal	5	5	0
1036	50	Biased-84Hr-Anneal	5	5	0
1037	50	Biased-84Hr-Anneal	5	5	0
1038	50	Biased-84Hr-Anneal	5	5	0
1039	50	Biased-84Hr-Anneal	5	5	0
1040	100	Unbiased-168Hr-Anneal	5	5	0
1041	100	Unbiased-168Hr-Anneal	5	5	0
1042	100	Unbiased-168Hr-Anneal	5	5	0
1043	100	Unbiased-168Hr-Anneal	5	5	0
1044	100	Unbiased-168Hr-Anneal	5	5	0
1045	100	Biased-168Hr-Anneal	5	5	0
1046	100	Biased-168Hr-Anneal	5	5	0
1047	100	Biased-168Hr-Anneal	5	5	0
1048	100	Biased-168Hr-Anneal	5	5	0
1049	100	Biased-168Hr-Anneal	5	5	0

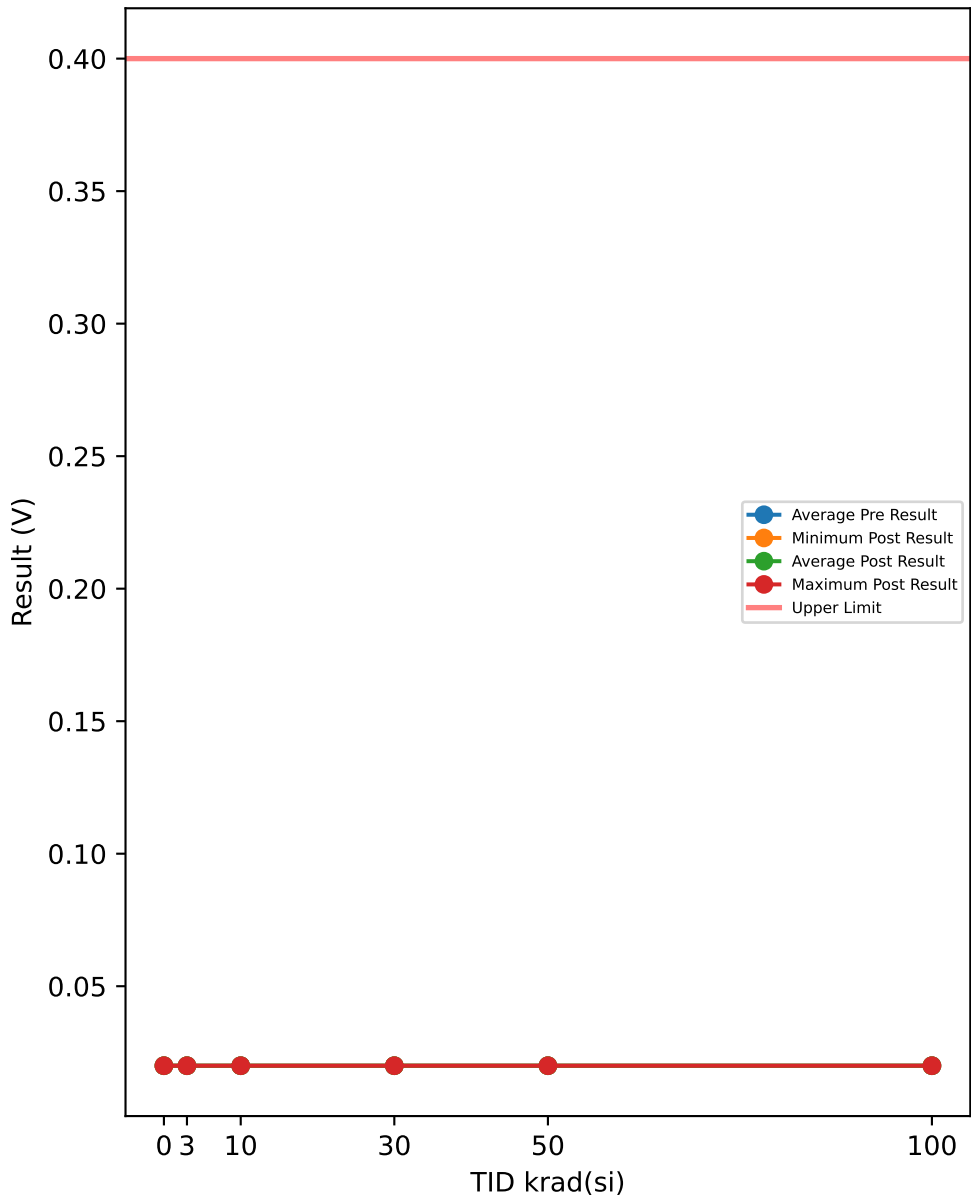
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5	5	5	0	5	5	5	0	0	0	0	0
3	5	5	5	0	5	5	5	0	0	0	0	0
10	5	5	5	0	5	5	5	0	0	0	0	0
30	5	5	5	0	5	5	5	0	0	0	0	0
50	5	5	5	0	5	5	5	0	0	0	0	0
100	5	5	5	0	5	5	5	0	0	0	0	0

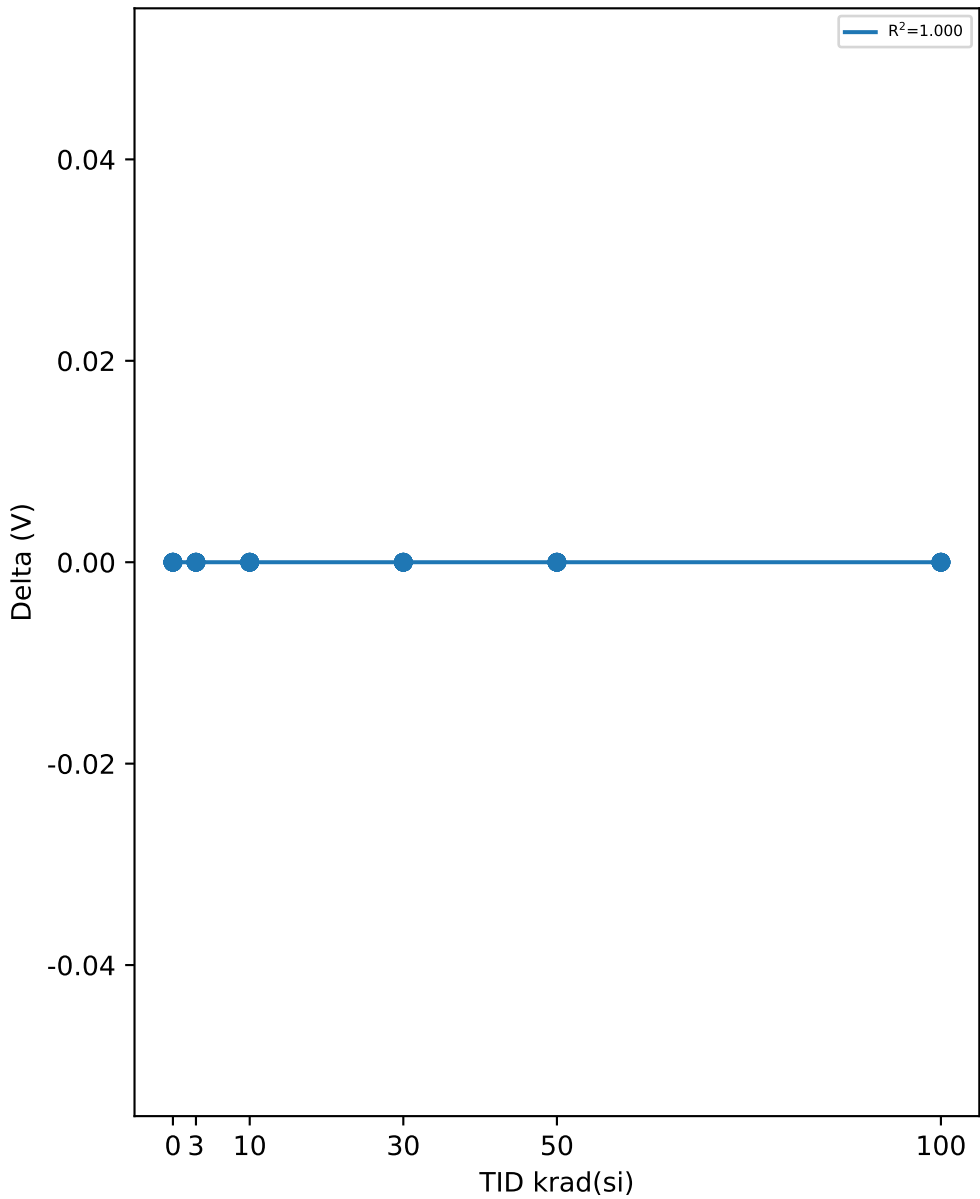
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

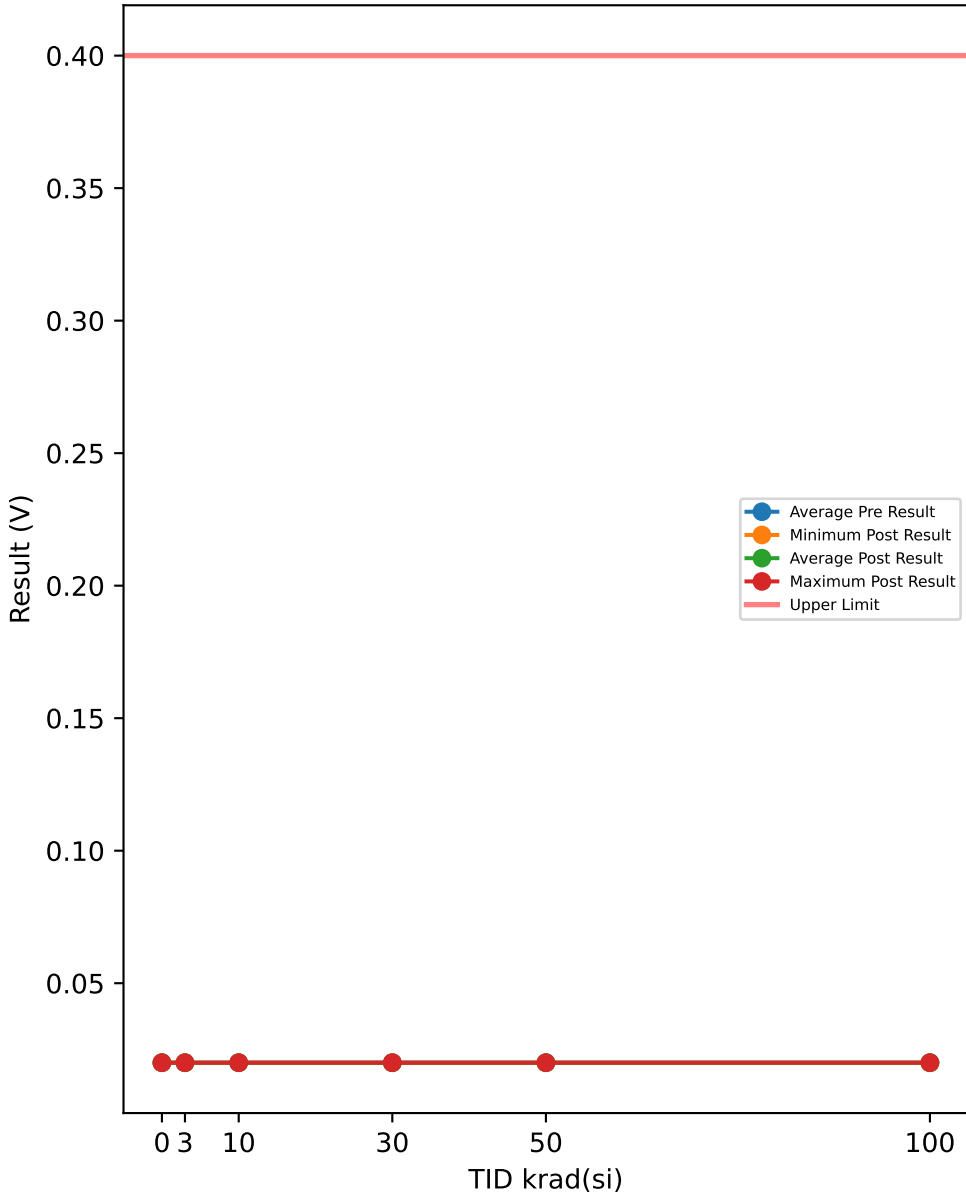
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

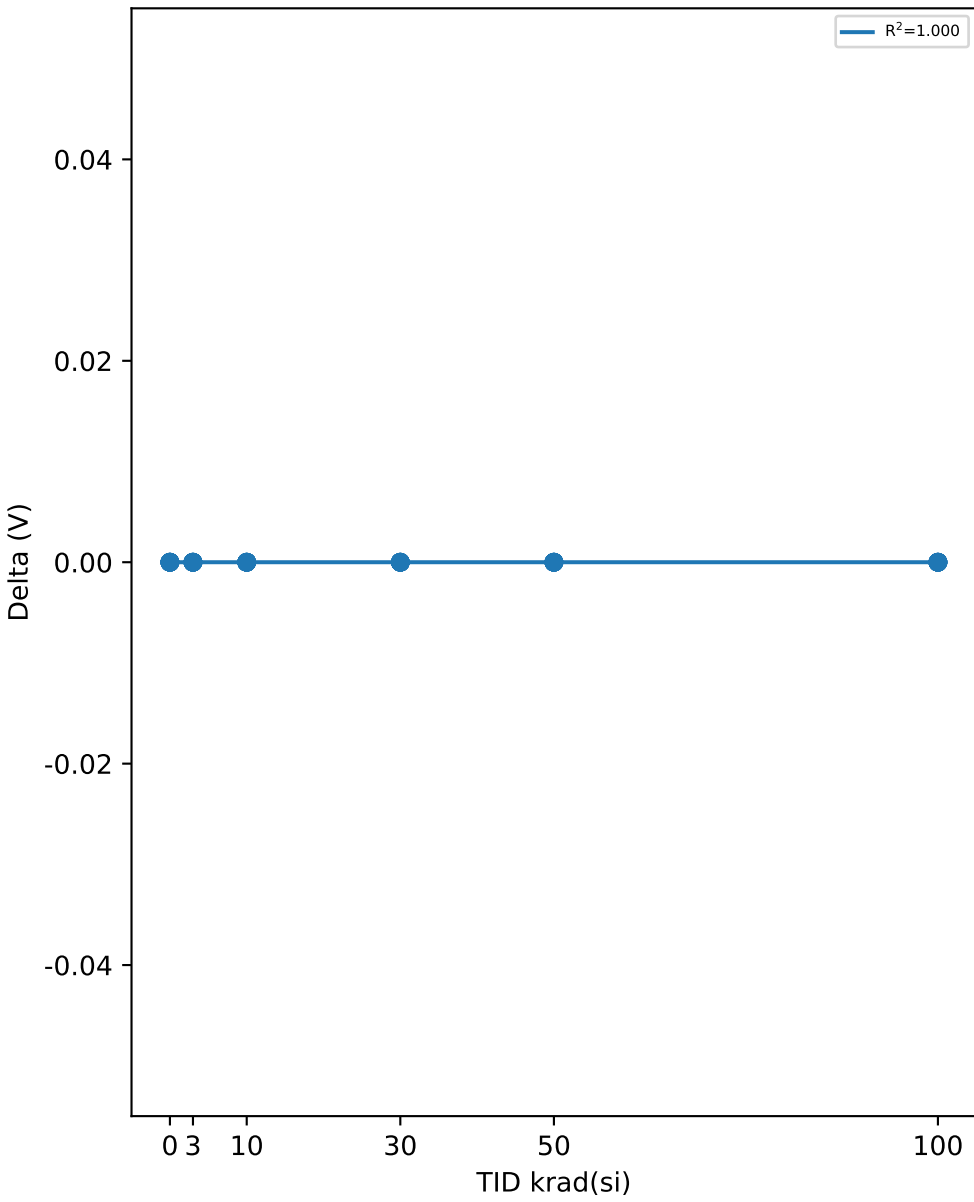
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

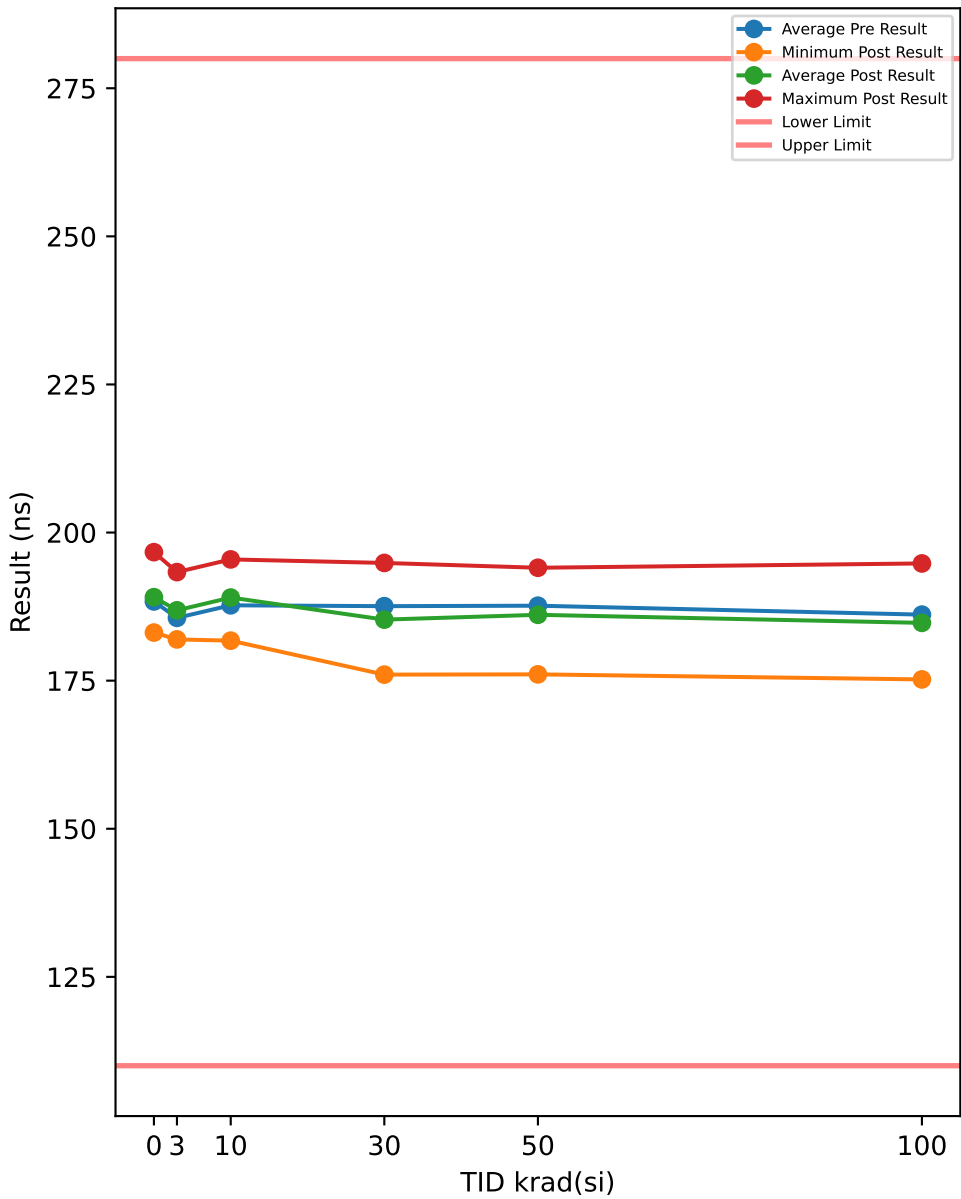
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

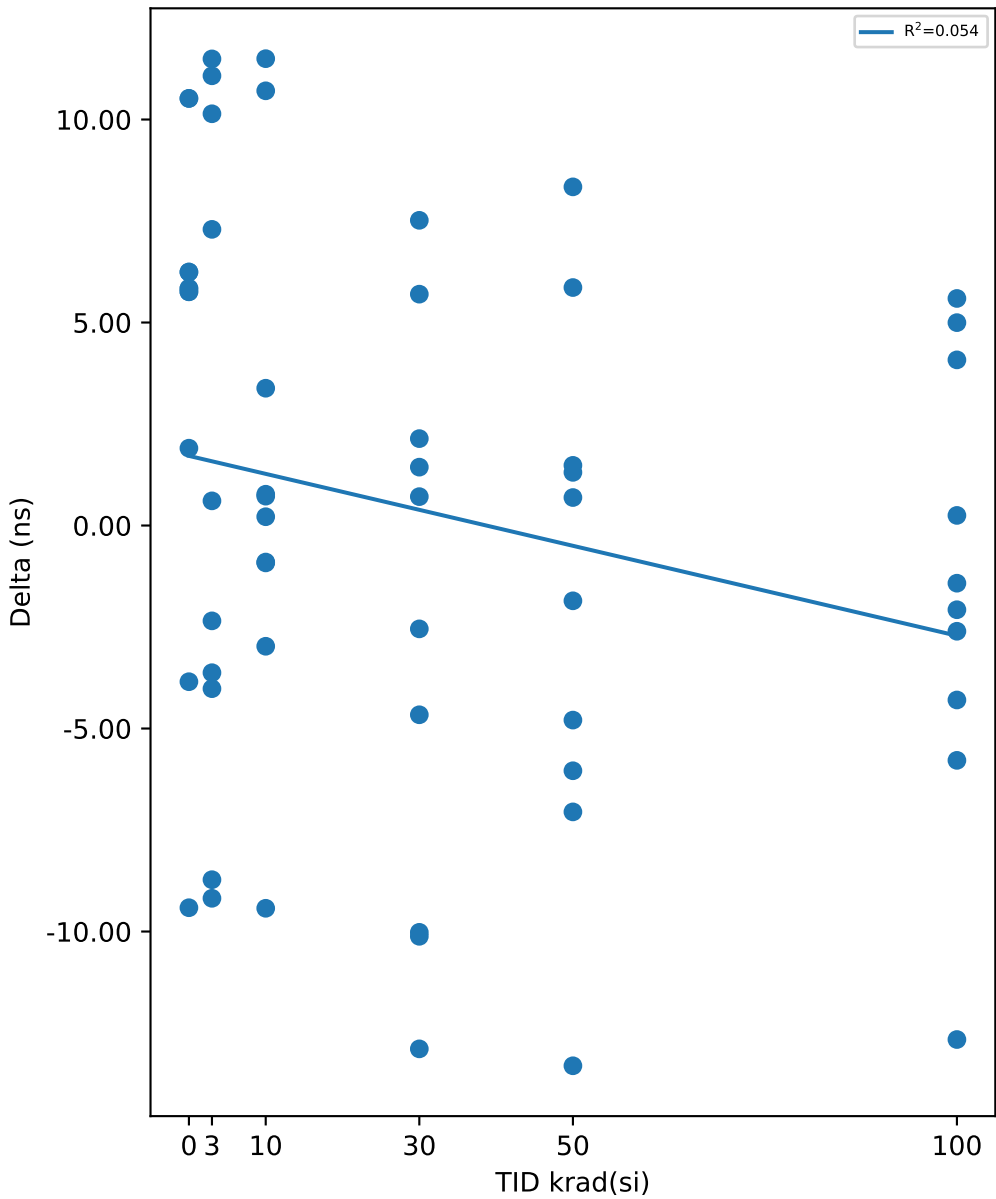
TID vs Result Stats



Test Results (Lower Limit = 110.0, Upper Limit = 280.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	194.78	196.69	1.9049
516	0	CORRELATION	190.29	186.45	-3.8469
721	0	CORRELATION	192.53	183.12	-9.4137
723	0	CORRELATION	177.66	188.18	10.52
729	0	CORRELATION	186.6	192.84	6.2432
1000	3	Unbiased	191.85	182.67	-9.1816
1001	3	Unbiased	173.04	184.12	11.077
1002	3	Unbiased	189.61	190.21	0.6074
1003	3	Unbiased	191.83	187.82	-4.0185
1004	3	Unbiased	186.03	193.33	7.2946
1005	3	Biased	180.55	192.04	11.493
1006	3	Biased	190.69	181.96	-8.7233
1007	3	Biased	178.74	188.88	10.142
1008	3	Biased	185.93	182.31	-3.625
1009	3	Biased	187.72	185.37	-2.3483
1010	10	Unbiased	186.72	185.82	-0.8996
1011	10	Unbiased	189.61	190.34	0.7229
1012	10	Unbiased	188.7	192.08	3.3816
1013	10	Unbiased	191.18	181.75	-9.4275
1014	10	Unbiased	184.76	195.47	10.707
1015	10	Biased	182.85	194.35	11.499
1016	10	Biased	193.12	192.19	-0.9206
1017	10	Biased	183.07	183.29	0.2166
1018	10	Biased	190.32	191.09	0.7707
1019	10	Biased	186.86	183.88	-2.9739
1020	30	Unbiased	187.35	194.87	7.5172
1021	30	Unbiased	196.73	186.71	-10.019
1022	30	Unbiased	192.54	187.88	-4.6612
1023	30	Unbiased	188.91	176.02	-12.89
1024	30	Unbiased	179.52	185.22	5.6984
1025	30	Biased	186.73	176.62	-10.118
1026	30	Biased	192.73	194.87	2.1407
1027	30	Biased	178.31	179.02	0.7116
1028	30	Biased	192.08	189.53	-2.5455
1029	30	Biased	180.85	182.28	1.4378
1030	50	Unbiased	186.78	180.74	-6.0401
1031	50	Unbiased	189.29	187.43	-1.8545
1032	50	Unbiased	189.37	176.06	-13.306
1033	50	Unbiased	183.58	189.45	5.8616
1034	50	Unbiased	193.18	188.39	-4.7923
1035	50	Biased-84Hr-Anneal	182.47	183.95	1.4819
1036	50	Biased-84Hr-Anneal	190.78	191.47	0.6894
1037	50	Biased-84Hr-Anneal	179.7	181.01	1.3094
1038	50	Biased-84Hr-Anneal	185.72	194.06	8.3411
1039	50	Biased-84Hr-Anneal	195.65	188.59	-7.0534
1040	100	Unbiased-168Hr-Anneal	186.11	186.35	0.249
1041	100	Unbiased-168Hr-Anneal	187.87	175.21	-12.66
1042	100	Unbiased-168Hr-Anneal	195.49	189.71	-5.784
1043	100	Unbiased-168Hr-Anneal	185.44	181.14	-4.297
1044	100	Unbiased-168Hr-Anneal	194.42	191.81	-2.6044
1045	100	Biased-168Hr-Anneal	188.71	186.64	-2.0741
1046	100	Biased-168Hr-Anneal	178.25	182.33	4.08
1047	100	Biased-168Hr-Anneal	196.21	194.79	-1.4207
1048	100	Biased-168Hr-Anneal	175.8	180.8	4.9973
1049	100	Biased-168Hr-Anneal	173.16	178.75	5.5927

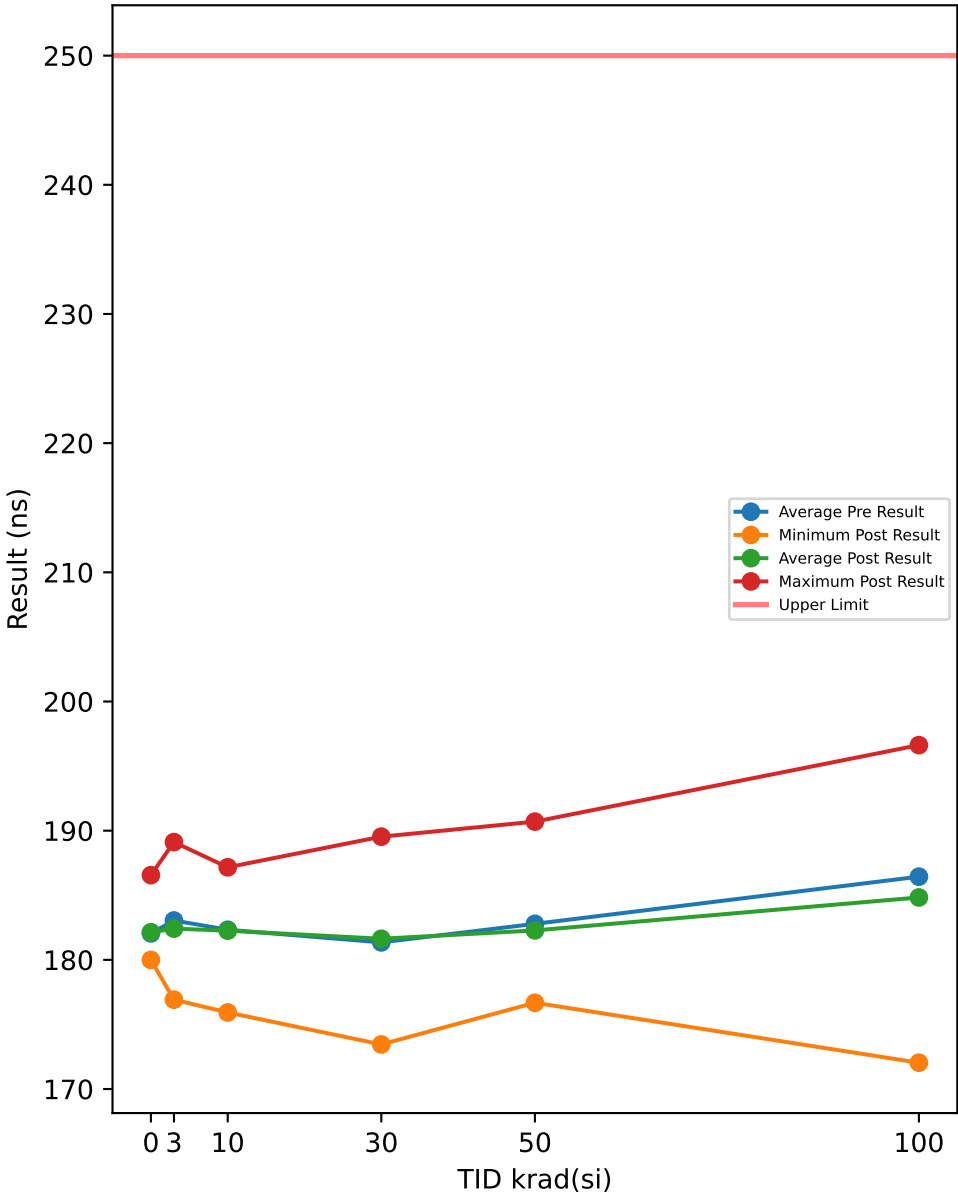
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	177.66	188.37	194.78	6.7098	183.12	189.45	196.69	5.3537	-9.4137	1.0815	10.52	7.919
3	173.04	185.6	191.85	6.2797	181.96	186.87	193.33	4.1755	-9.1816	1.2717	11.493	8.0983
10	182.85	187.72	193.12	3.4662	181.75	189.03	195.47	4.9185	-9.4275	1.3076	11.499	6.1621
30	178.31	187.58	196.73	6.2715	176.02	185.3	194.87	6.8298	-12.89	-2.2728	7.5172	7.0048
50	179.7	187.65	195.65	4.955	176.06	186.12	194.06	5.5433	-13.306	-1.5363	8.3411	6.4499
100	173.16	186.15	196.21	8.1987	175.21	184.75	194.79	6.1714	-12.66	-1.3921	5.5927	5.5665

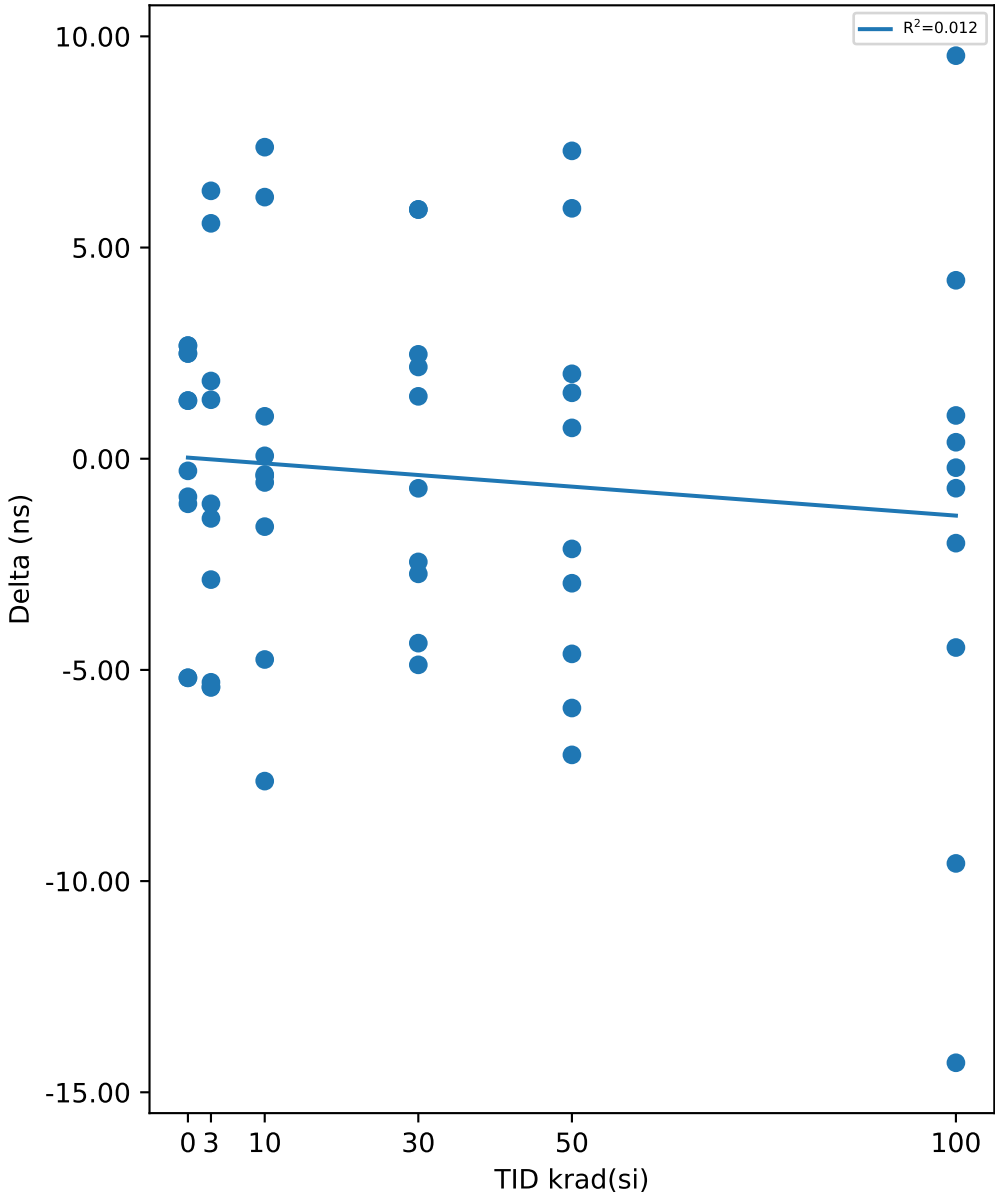
TID vs Result Stats



Test Results (Upper Limit = 250.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	182.73	182.45	-0.2869
516	0	CORRELATION	182.1	181.2	-0.8996
721	0	CORRELATION	181.14	180.07	-1.0669
723	0	CORRELATION	185.18	179.99	-5.1871
729	0	CORRELATION	179.09	181.76	2.6776
1000	3	Unbiased	185	183.59	-1.4135
1001	3	Unbiased	187.32	181.9	-5.4154
1002	3	Unbiased	187.72	189.12	1.3971
1003	3	Unbiased	173.68	180.02	6.3427
1004	3	Unbiased	187.45	182.05	-5.4009
1005	3	Biased	187.87	182.58	-5.2929
1006	3	Biased	184.37	181.51	-2.862
1007	3	Biased	180.98	182.82	1.8407
1008	3	Biased	178.11	183.68	5.5733
1009	3	Biased	177.98	176.92	-1.067
1010	10	Unbiased	182.61	182.2	-0.4083
1011	10	Unbiased	177.91	184.1	6.1939
1012	10	Unbiased	186.16	187.17	1.0041
1013	10	Unbiased	185.43	183.82	-1.6077
1014	10	Unbiased	184.35	179.6	-4.7532
1015	10	Biased	183.56	175.93	-7.6326
1016	10	Biased	184.57	184.64	0.0689
1017	10	Biased	180.53	179.97	-0.5622
1018	10	Biased	175.78	183.15	7.3764
1019	10	Biased	182.39	182.02	-0.3719
1020	30	Unbiased	188.06	189.54	1.4772
1021	30	Unbiased	186.56	183.84	-2.7254
1022	30	Unbiased	178.66	184.57	5.904
1023	30	Unbiased	179.55	181.73	2.1728
1024	30	Unbiased	185.44	184.74	-0.7001
1025	30	Biased	180.08	182.56	2.4719
1026	30	Biased	178.82	176.38	-2.4426
1027	30	Biased	183.59	178.71	-4.8797
1028	30	Biased	174.93	180.83	5.8984
1029	30	Biased	177.82	173.45	-4.3661
1030	50	Unbiased	169.39	176.68	7.2891
1031	50	Unbiased	184.98	180.36	-4.6202
1032	50	Unbiased	183.65	185.66	2.0106
1033	50	Unbiased	180.87	181.6	0.7302
1034	50	Unbiased	174.42	180.35	5.9289
1035	50	Biased-84Hr-Anneal	187.65	185.52	-2.135
1036	50	Biased-84Hr-Anneal	184.28	181.34	-2.9477
1037	50	Biased-84Hr-Anneal	186.1	179.09	-7.0116
1038	50	Biased-84Hr-Anneal	189.14	190.7	1.561
1039	50	Biased-84Hr-Anneal	187.4	181.5	-5.902
1040	100	Unbiased-168Hr-Anneal	188.98	190	1.0246
1041	100	Unbiased-168Hr-Anneal	192.4	196.62	4.2246
1042	100	Unbiased-168Hr-Anneal	178.24	187.78	9.5428
1043	100	Unbiased-168Hr-Anneal	188.32	187.62	-0.6981
1044	100	Unbiased-168Hr-Anneal	182.58	182.98	0.3904
1045	100	Biased-168Hr-Anneal	184.03	174.45	-9.5816
1046	100	Biased-168Hr-Anneal	185.35	185.14	-0.2117
1047	100	Biased-168Hr-Anneal	186.34	172.04	-14.301
1048	100	Biased-168Hr-Anneal	190.37	188.37	-1.9988
1049	100	Biased-168Hr-Anneal	187.79	183.32	-4.4699

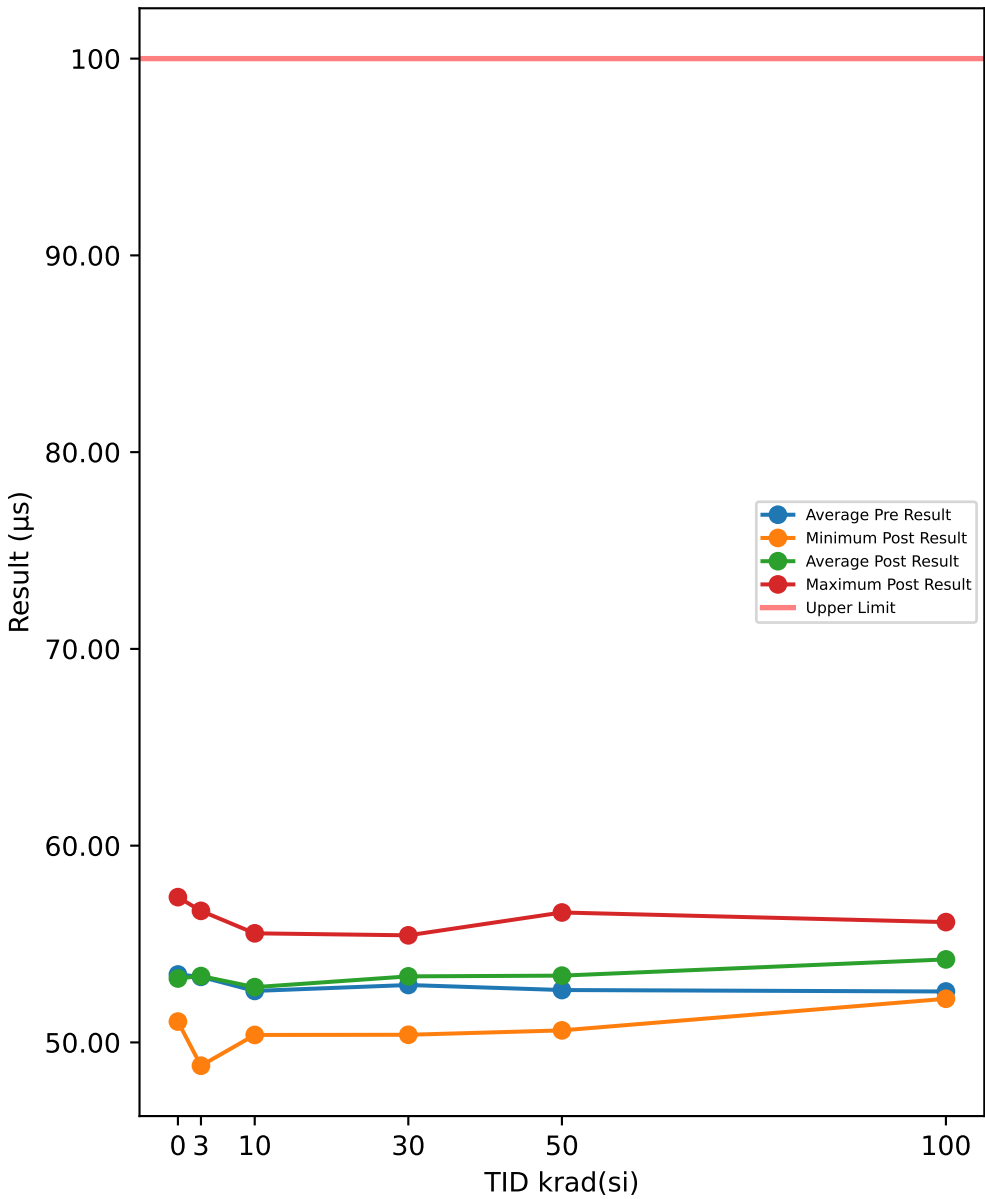
TID vs Post - Pre Exposure Delta



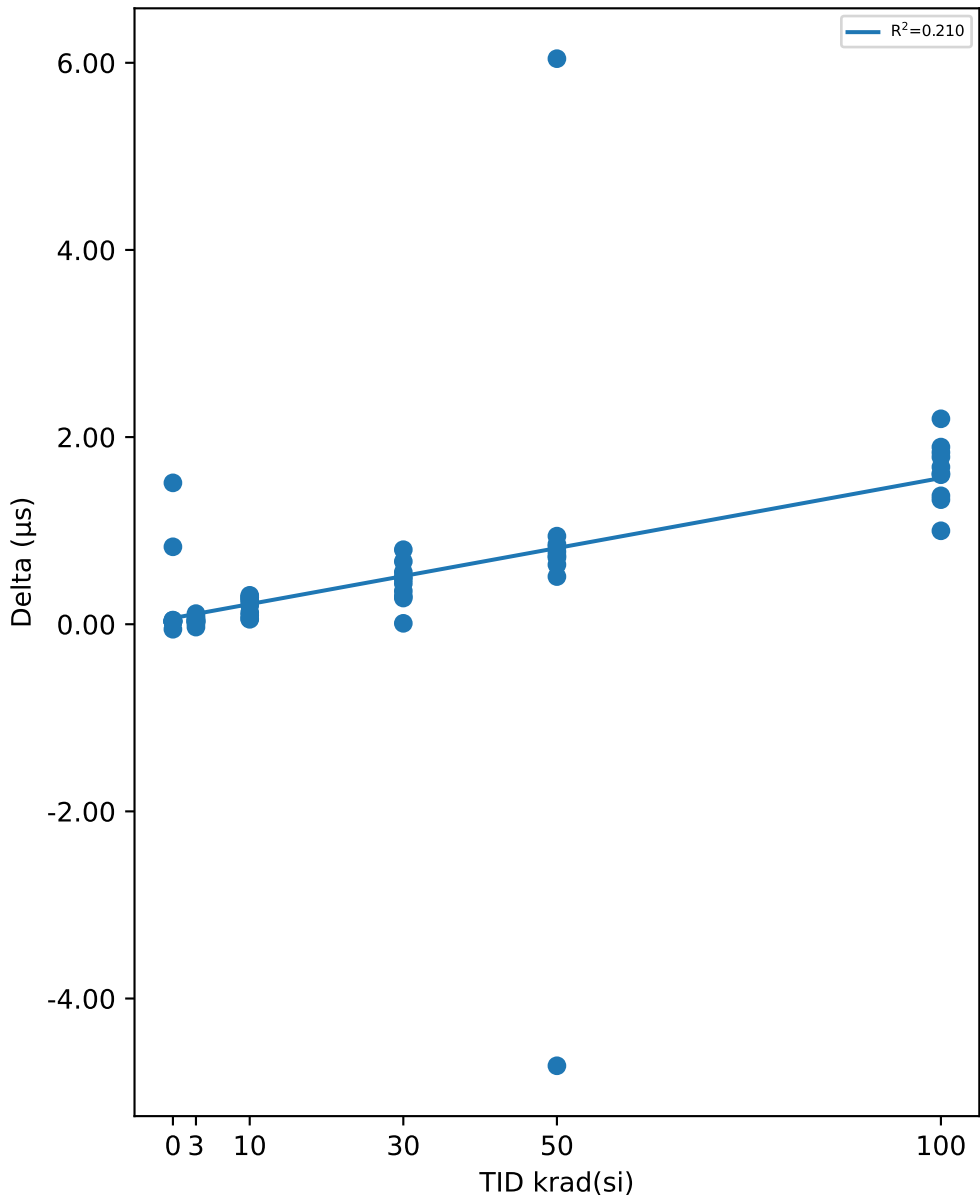
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	179.09	182.05	185.18	2.2302	179.99	181.1	182.45	1.0668	-5.1871	-0.95258	2.6776	2.8093
3	173.68	183.05	187.87	5.059	176.92	182.42	189.12	3.0773	-5.4154	-0.62979	6.3427	4.3526
10	175.78	182.33	186.16	3.345	175.93	182.26	187.17	3.1415	-7.6326	-0.06926	7.3764	4.4447
30	174.93	181.35	188.06	4.2957	173.45	181.63	189.54	4.5965	-4.8797	0.28104	5.904	3.9247
50	169.39	182.79	189.14	6.3009	176.68	182.28	190.7	3.9977	-7.0116	-0.50967	7.2891	4.8452
100	178.24	186.44	192.4	4.1082	172.04	184.83	196.62	7.2433	-14.301	-1.6079	9.5428	6.709

TID vs Result Stats



TID vs Post - Pre Exposure Delta



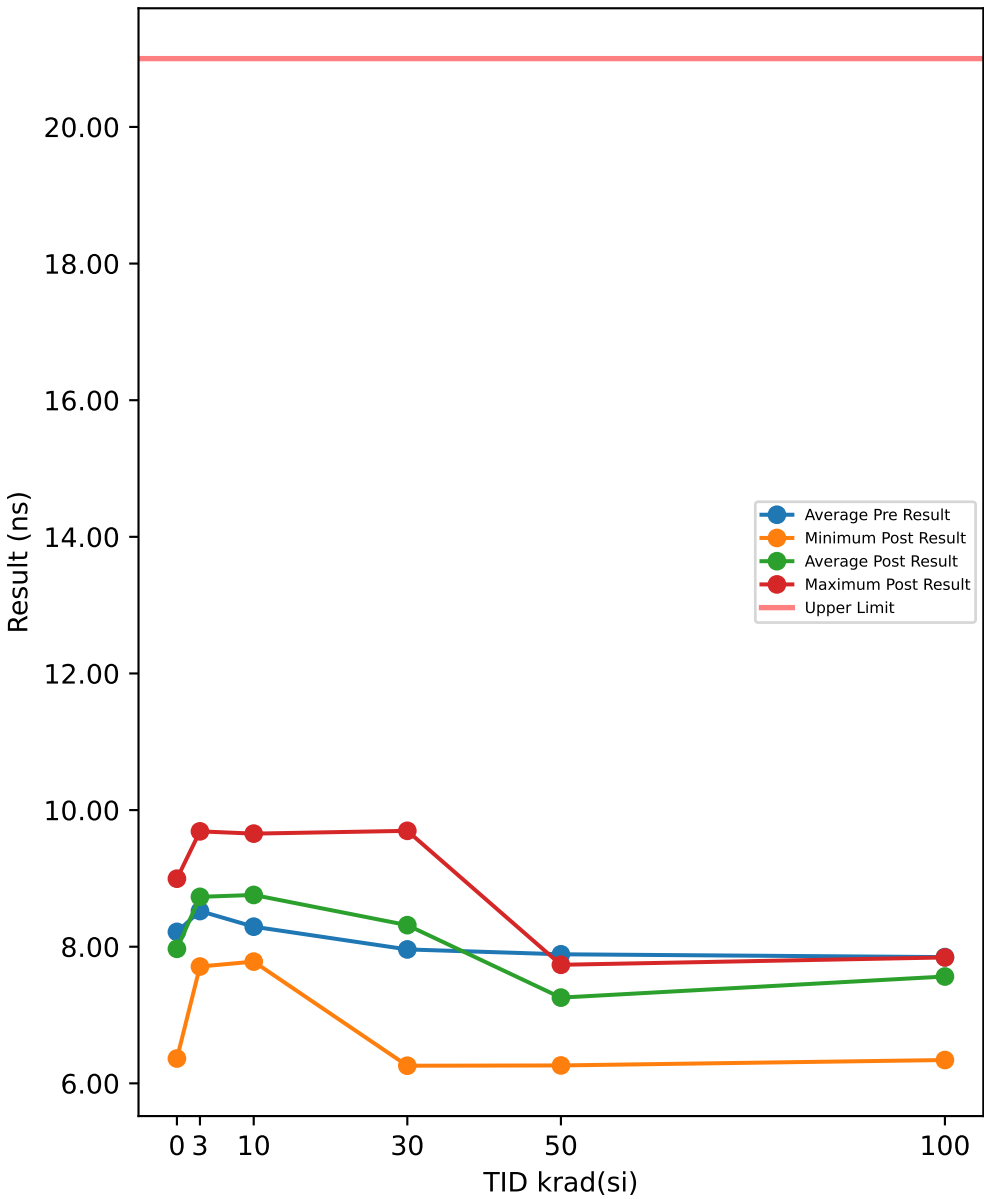
Test Results (Upper Limit = 100.0 (µs))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	55.873	57.383	1.5108
516	0	CORRELATION	54.967	55.794	0.8275
721	0	CORRELATION	51.114	51.06	-0.0536
723	0	CORRELATION	51.432	51.462	0.0297
729	0	CORRELATION	53.878	53.906	0.0279
1000	3	Unbiased	51.981	52.015	0.0337
1001	3	Unbiased	54.084	54.198	0.1135
1002	3	Unbiased	52.503	52.541	0.0377
1003	3	Unbiased	52.498	52.468	-0.0306
1004	3	Unbiased	54.661	54.67	0.0092
1005	3	Biased	56.655	56.686	0.0313
1006	3	Biased	55.824	55.844	0.0202
1007	3	Biased	51.171	51.252	0.0807
1008	3	Biased	48.773	48.816	0.043
1009	3	Biased	55.173	55.237	0.0631
1010	10	Unbiased	54.401	54.688	0.2869
1011	10	Unbiased	52.397	52.493	0.0965
1012	10	Unbiased	53.097	53.15	0.0527
1013	10	Unbiased	52.3	52.426	0.1264
1014	10	Unbiased	52.458	52.767	0.3091
1015	10	Biased	55.255	55.545	0.2901
1016	10	Biased	52.34	52.586	0.2464
1017	10	Biased	50.179	50.379	0.2004
1018	10	Biased	52.976	53.234	0.2581
1019	10	Biased	50.761	50.822	0.061
1020	30	Unbiased	50.627	51.108	0.4805
1021	30	Unbiased	55.163	55.443	0.28
1022	30	Unbiased	52.192	52.202	0.0097
1023	30	Unbiased	51.092	51.527	0.4351
1024	30	Unbiased	54.002	54.673	0.6709
1025	30	Biased	54.004	54.561	0.5573
1026	30	Biased	53.981	54.488	0.5069
1027	30	Biased	50.033	50.388	0.3552
1028	30	Biased	54.092	54.889	0.7966
1029	30	Biased	53.992	54.292	0.2999
1030	50	Unbiased	54.255	54.987	0.7327
1031	50	Unbiased	55.662	56.604	0.9414
1032	50	Unbiased	51.883	52.658	0.7757
1033	50	Unbiased	51.697	52.527	0.8302
1034	50	Unbiased	51.239	52.094	0.8552
1035	50	Biased-84Hr-Anneal	50.83	51.467	0.6364
1036	50	Biased-84Hr-Anneal	53.202	53.914	0.7125
1037	50	Biased-84Hr-Anneal	52.63	53.139	0.5093
1038	50	Biased-84Hr-Anneal	55.33	50.611	-4.7187
1039	50	Biased-84Hr-Anneal	49.896	55.941	6.0441
1040	100	Unbiased-168Hr-Anneal	53.892	55.679	1.7871
1041	100	Unbiased-168Hr-Anneal	50.94	52.833	1.8932
1042	100	Unbiased-168Hr-Anneal	53.275	54.873	1.5978
1043	100	Unbiased-168Hr-Anneal	54.783	56.115	1.3314
1044	100	Unbiased-168Hr-Anneal	51.029	52.709	1.68
1045	100	Biased-168Hr-Anneal	53.209	54.581	1.3723
1046	100	Biased-168Hr-Anneal	50.558	52.753	2.1954
1047	100	Biased-168Hr-Anneal	54.842	55.84	0.9986
1048	100	Biased-168Hr-Anneal	50.607	52.219	1.6116
1049	100	Biased-168Hr-Anneal	52.752	54.587	1.8357

Test Statistics (µs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	51.114	53.453	55.873	2.1143	51.06	53.921	57.383	2.7262	-0.0536	0.46846	1.5108	0.68457
3	48.773	53.332	56.655	2.3953	48.816	53.373	56.686	2.3932	-0.0306	0.04018	0.1135	0.039506
10	50.179	52.616	55.255	1.4959	50.379	52.809	55.545	1.5442	0.0527	0.19276	0.3091	0.099847
30	50.033	52.918	55.163	1.7793	50.388	53.357	55.443	1.8437	0.0097	0.43921	0.7966	0.22059
50	49.896	52.662	55.662	1.9298	50.611	53.394	56.604	1.9466	-4.7187	0.73188	6.0441	2.5399
100	50.558	52.589	54.842	1.689	52.219	54.219	56.115	1.4681	0.9986	1.6303	2.1954	0.33567

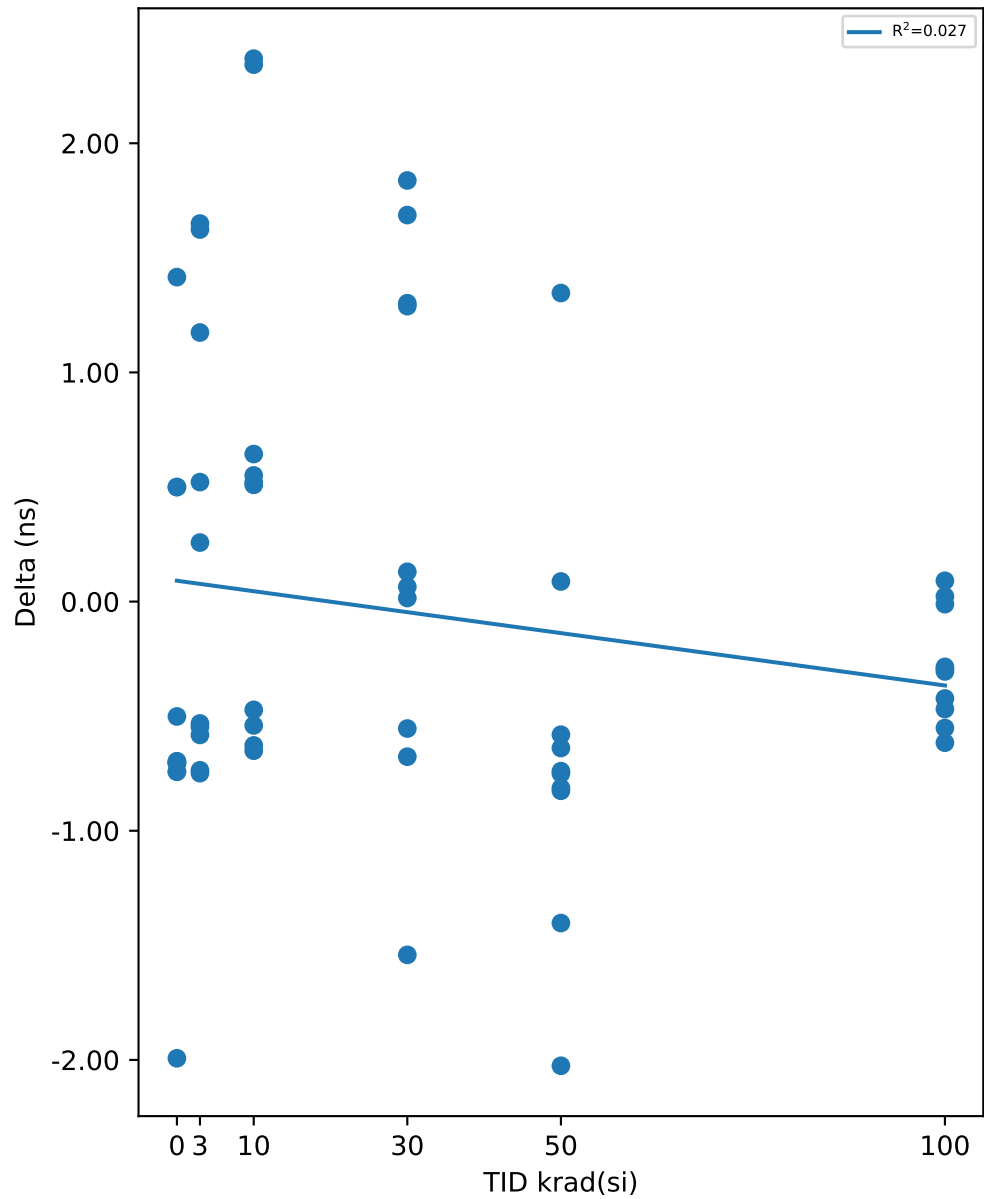
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	6.2953	7.7112	1.4159
516	0	CORRELATION	8.3563	6.3634	-1.9929
721	0	CORRELATION	9.4543	8.953	-0.5013
723	0	CORRELATION	8.4843	7.7789	-0.7054
729	0	CORRELATION	8.4959	8.9957	0.4998
1000	3	Unbiased	9.5103	8.9284	-0.5819
1001	3	Unbiased	8.4589	7.7102	-0.7487
1002	3	Unbiased	9.431	9.6886	0.2576
1003	3	Unbiased	7.3232	8.9467	1.6235
1004	3	Unbiased	8.3578	7.8103	-0.5475
1005	3	Biased	8.485	7.7489	-0.7361
1006	3	Biased	9.5172	8.9853	-0.5319
1007	3	Biased	8.4389	9.613	1.1741
1008	3	Biased	7.2897	8.9393	1.6496
1009	3	Biased	8.4083	8.9297	0.5214
1010	10	Unbiased	7.2725	7.782	0.5095
1011	10	Unbiased	7.3124	9.6555	2.3431
1012	10	Unbiased	8.4594	9.0099	0.5505
1013	10	Unbiased	9.4943	8.9539	-0.5404
1014	10	Unbiased	8.447	7.7962	-0.6508
1015	10	Biased	8.4383	7.8107	-0.6276
1016	10	Biased	9.4466	8.9741	-0.4725
1017	10	Biased	8.4481	8.9689	0.5208
1018	10	Biased	7.2612	9.6303	2.3691
1019	10	Biased	8.3522	8.996	0.6438
1020	30	Unbiased	8.3643	9.6535	1.2892
1021	30	Unbiased	9.533	8.9789	-0.5541
1022	30	Unbiased	7.2766	8.9632	1.6866
1023	30	Unbiased	6.2612	7.5632	1.302
1024	30	Unbiased	7.5852	7.6499	0.0647
1025	30	Biased	7.2577	9.0953	1.8376
1026	30	Biased	9.5664	9.6964	0.13
1027	30	Biased	7.6185	7.634	0.0155
1028	30	Biased	8.3407	7.6639	-0.6768
1029	30	Biased	7.7996	6.258	-1.5416
1030	50	Unbiased	8.2914	7.7105	-0.5809
1031	50	Unbiased	7.7246	6.3218	-1.4028
1032	50	Unbiased	6.3286	7.6751	1.3465
1033	50	Unbiased	7.6234	7.7111	0.0877
1034	50	Unbiased	8.31	6.2844	-2.0256
1035	50	Biased-84Hr-Anneal	8.2659	7.6269	-0.639
1036	50	Biased-84Hr-Anneal	8.4845	7.6709	-0.8136
1037	50	Biased-84Hr-Anneal	8.301	7.5507	-0.7503
1038	50	Biased-84Hr-Anneal	8.4755	7.7355	-0.74
1039	50	Biased-84Hr-Anneal	7.0877	6.2621	-0.8256
1040	100	Unbiased-168Hr-Anneal	7.8053	7.8278	0.0225
1041	100	Unbiased-168Hr-Anneal	8.3137	7.6978	-0.6159
1042	100	Unbiased-168Hr-Anneal	8.312	7.8431	-0.4689
1043	100	Unbiased-168Hr-Anneal	7.5565	7.6473	0.0908
1044	100	Unbiased-168Hr-Anneal	6.3528	6.3415	-0.0113
1045	100	Biased-168Hr-Anneal	8.1351	7.7122	-0.4229
1046	100	Biased-168Hr-Anneal	7.9587	7.6539	-0.3048
1047	100	Biased-168Hr-Anneal	8.1846	7.633	-0.5516
1048	100	Biased-168Hr-Anneal	7.9367	7.6517	-0.285
1049	100	Biased-168Hr-Anneal	7.9241	7.6304	-0.2937

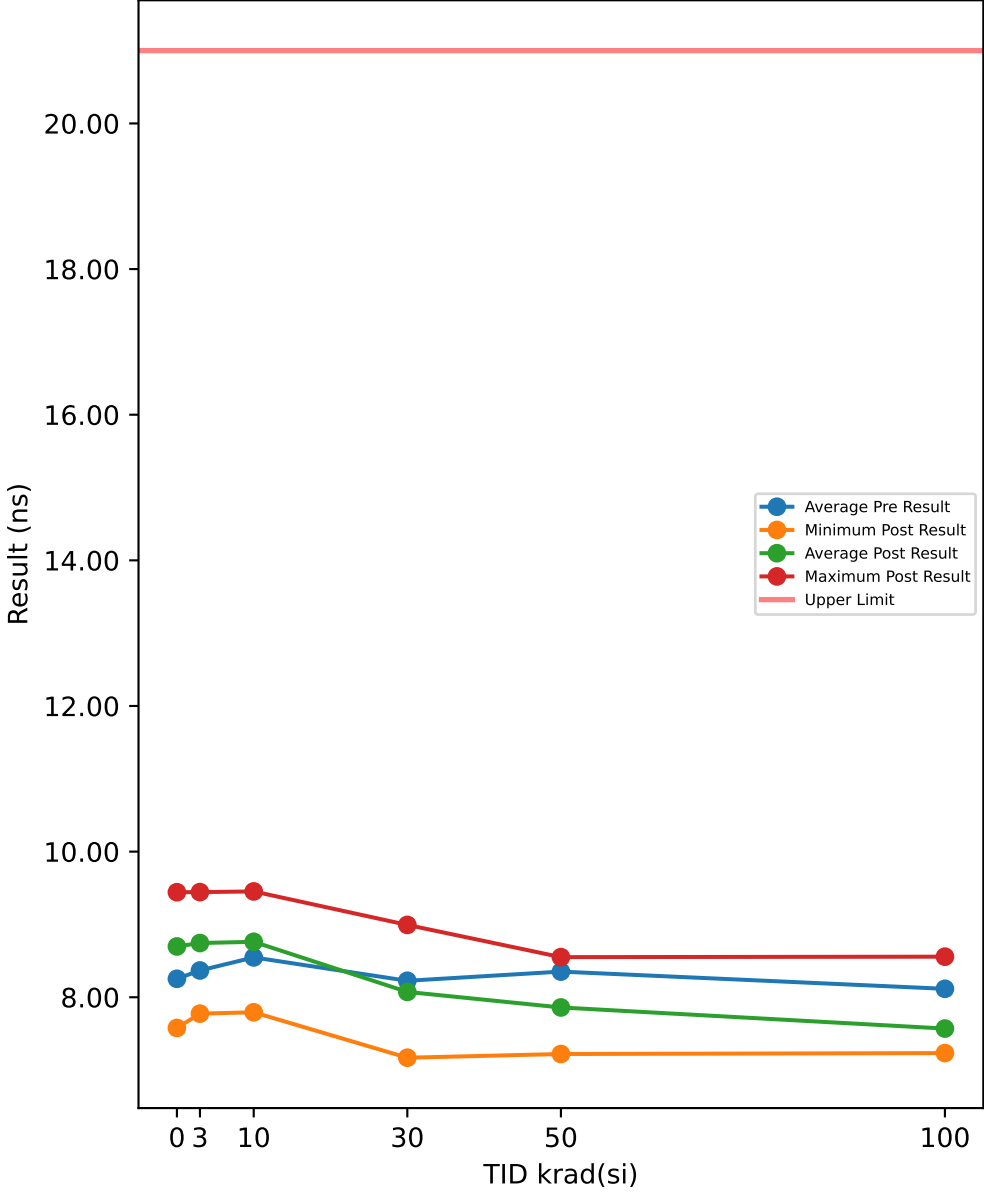
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.2953	8.2172	9.4543	1.1611	6.3634	7.9604	8.9957	1.0843	-1.9929	-0.25678	1.4159	1.2889
3	7.2897	8.522	9.5172	0.80286	7.7102	8.73	9.6886	0.72894	-0.7487	0.20801	1.6496	0.98119
10	7.2612	8.2932	9.4943	0.81251	7.782	8.7577	9.6555	0.71423	-0.6508	0.46455	2.3691	1.1317
30	6.2612	7.9603	9.5664	1.027	6.258	8.3156	9.6964	1.1203	-1.5416	0.35531	1.8376	1.1294
50	6.3286	7.8893	8.4845	0.709	6.2621	7.2549	7.7355	0.66836	-2.0256	-0.63436	1.3465	0.88615
100	6.3528	7.8479	8.3137	0.57506	6.3415	7.5639	7.8431	0.43637	-0.6159	-0.28408	0.0908	0.24598

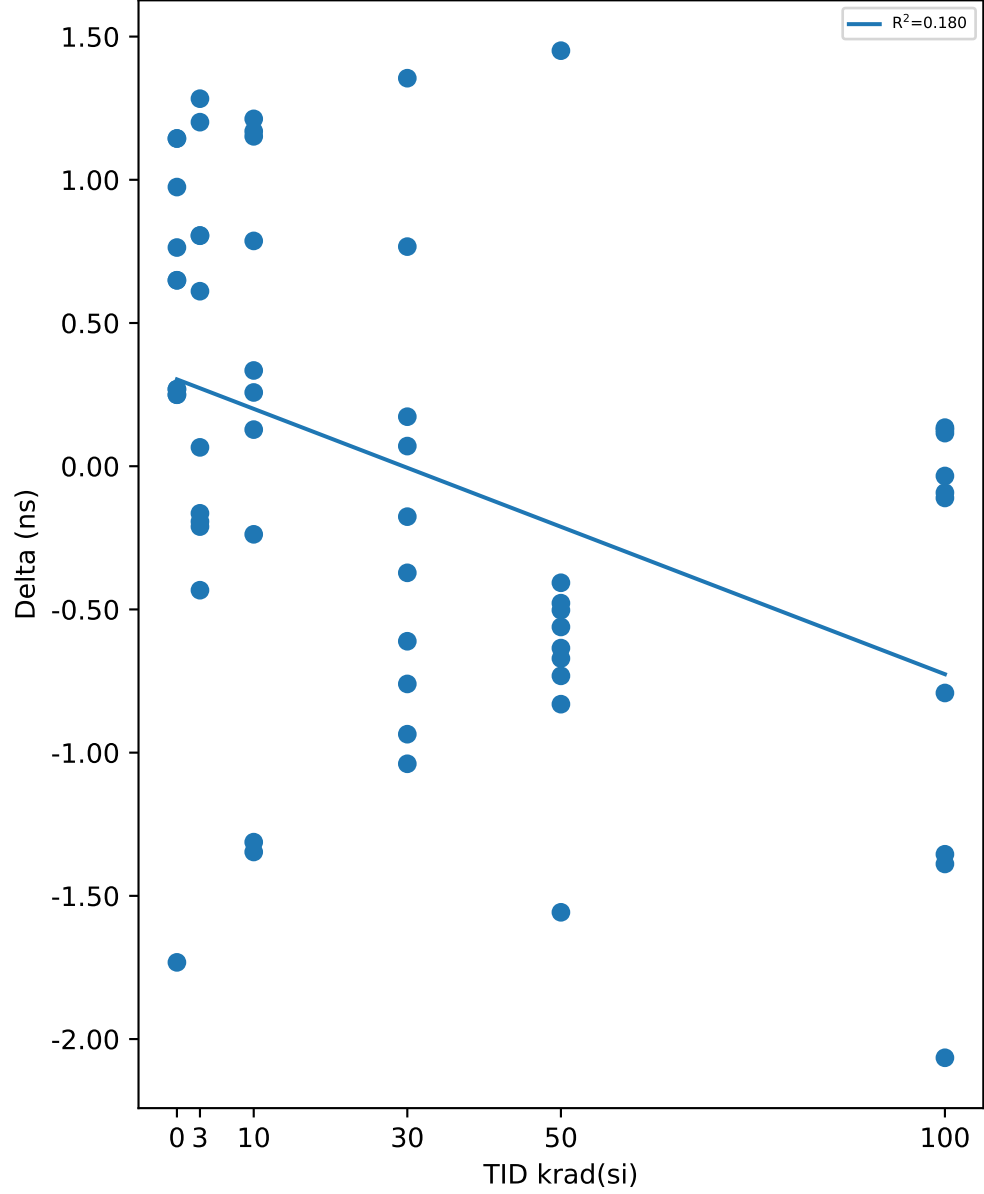
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

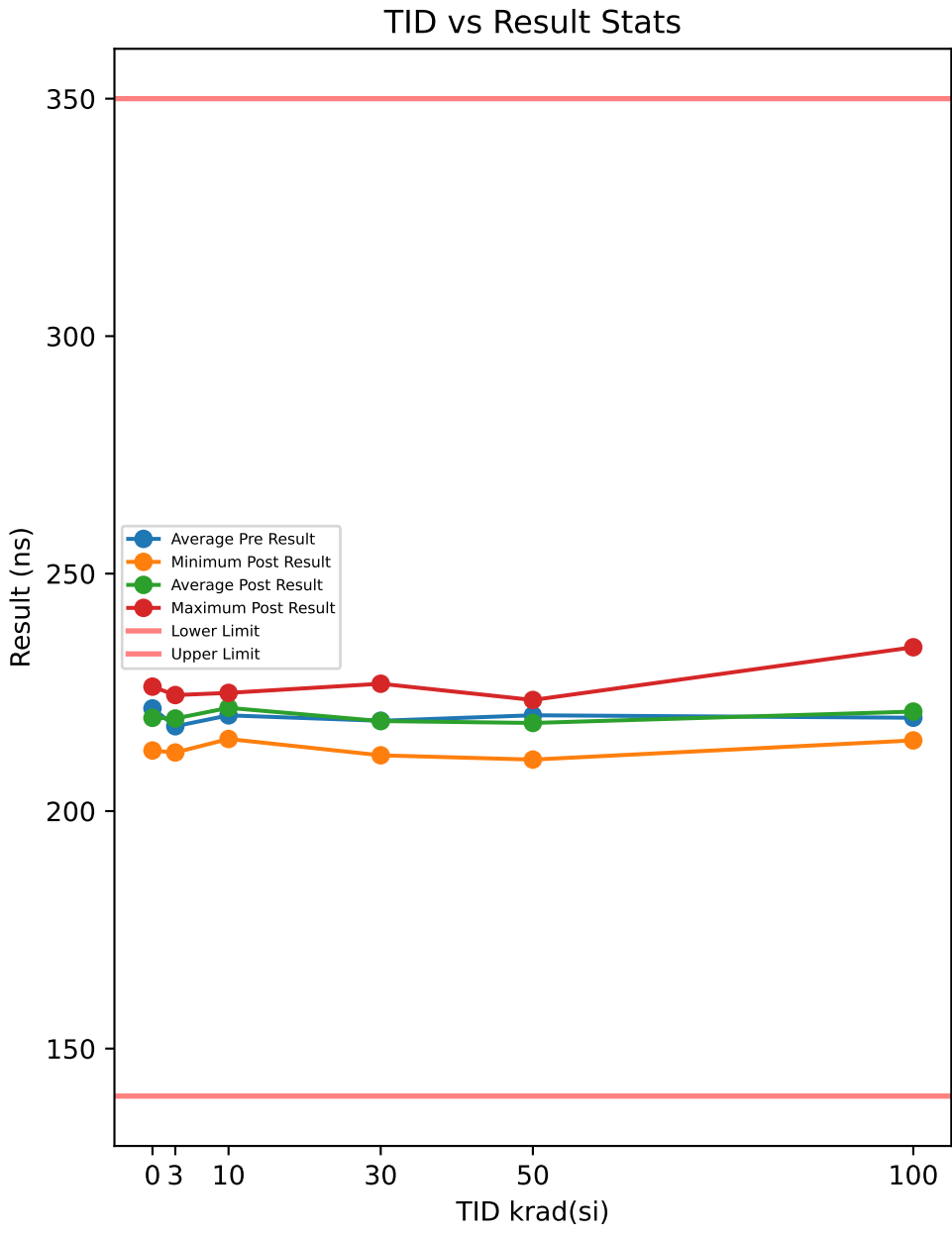
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.5932	8.5678	0.9746
516	0	CORRELATION	9.3103	7.5781	-1.7322
721	0	CORRELATION	7.7719	8.5354	0.7635
723	0	CORRELATION	8.2982	9.4424	1.1442
729	0	CORRELATION	8.2942	8.9434	0.6492
1000	3	Unbiased	7.7305	8.5352	0.8047
1001	3	Unbiased	8.2426	9.4438	1.2012
1002	3	Unbiased	7.7479	7.8137	0.0658
1003	3	Unbiased	9.164	8.9532	-0.2108
1004	3	Unbiased	8.82	9.431	0.611
1005	3	Biased	8.1527	9.4359	1.2832
1006	3	Biased	7.7635	8.5692	0.8057
1007	3	Biased	8.2079	7.775	-0.4329
1008	3	Biased	9.1279	8.9635	-0.1644
1009	3	Biased	8.7195	8.5264	-0.1931
1010	10	Unbiased	9.1957	9.4532	0.2575
1011	10	Unbiased	9.1061	7.7936	-1.3125
1012	10	Unbiased	8.8833	9.0111	0.1278
1013	10	Unbiased	7.75	8.5366	0.7866
1014	10	Unbiased	8.2623	9.414	1.1517
1015	10	Biased	8.2281	9.4408	1.2127
1016	10	Biased	7.8367	9.0063	1.1696
1017	10	Biased	8.2327	8.567	0.3343
1018	10	Biased	9.1482	7.8014	-1.3468
1019	10	Biased	8.8298	8.592	-0.2378
1020	30	Unbiased	8.8432	7.8043	-1.0389
1021	30	Unbiased	7.7886	8.5553	0.7667
1022	30	Unbiased	9.1697	8.9936	-0.1761
1023	30	Unbiased	7.5418	7.1696	-0.3722
1024	30	Unbiased	7.1125	8.4672	1.3547
1025	30	Biased	9.1896	8.5785	-0.6111
1026	30	Biased	7.7727	7.843	0.0703
1027	30	Biased	7.098	7.2709	0.1729
1028	30	Biased	9.3561	8.4205	-0.9356
1029	30	Biased	8.389	7.6289	-0.7601
1030	50	Unbiased	9.2192	8.4873	-0.7319
1031	50	Unbiased	8.3986	7.5678	-0.8308
1032	50	Unbiased	7.7233	7.2207	-0.5026
1033	50	Unbiased	7.1002	8.551	1.4508
1034	50	Unbiased	9.2166	7.6592	-1.5574
1035	50	Biased-84Hr-Anneal	7.7623	7.2842	-0.4781
1036	50	Biased-84Hr-Anneal	9.0868	8.5256	-0.5612
1037	50	Biased-84Hr-Anneal	7.7052	7.2983	-0.4069
1038	50	Biased-84Hr-Anneal	9.0914	8.4564	-0.635
1039	50	Biased-84Hr-Anneal	8.219	7.5479	-0.6711
1040	100	Unbiased-168Hr-Anneal	8.4416	8.5572	0.1156
1041	100	Unbiased-168Hr-Anneal	9.325	7.2597	-2.0653
1042	100	Unbiased-168Hr-Anneal	9.3487	8.557	-0.7917
1043	100	Unbiased-168Hr-Anneal	7.167	7.3017	0.1347
1044	100	Unbiased-168Hr-Anneal	7.5898	7.7174	0.1276
1045	100	Biased-168Hr-Anneal	8.5881	7.2333	-1.3548
1046	100	Biased-168Hr-Anneal	7.3639	7.3298	-0.0341
1047	100	Biased-168Hr-Anneal	8.6233	7.2347	-1.3886
1048	100	Biased-168Hr-Anneal	7.3332	7.2408	-0.0924
1049	100	Biased-168Hr-Anneal	7.3781	7.2673	-0.1108

TID vs Post - Pre Exposure Delta



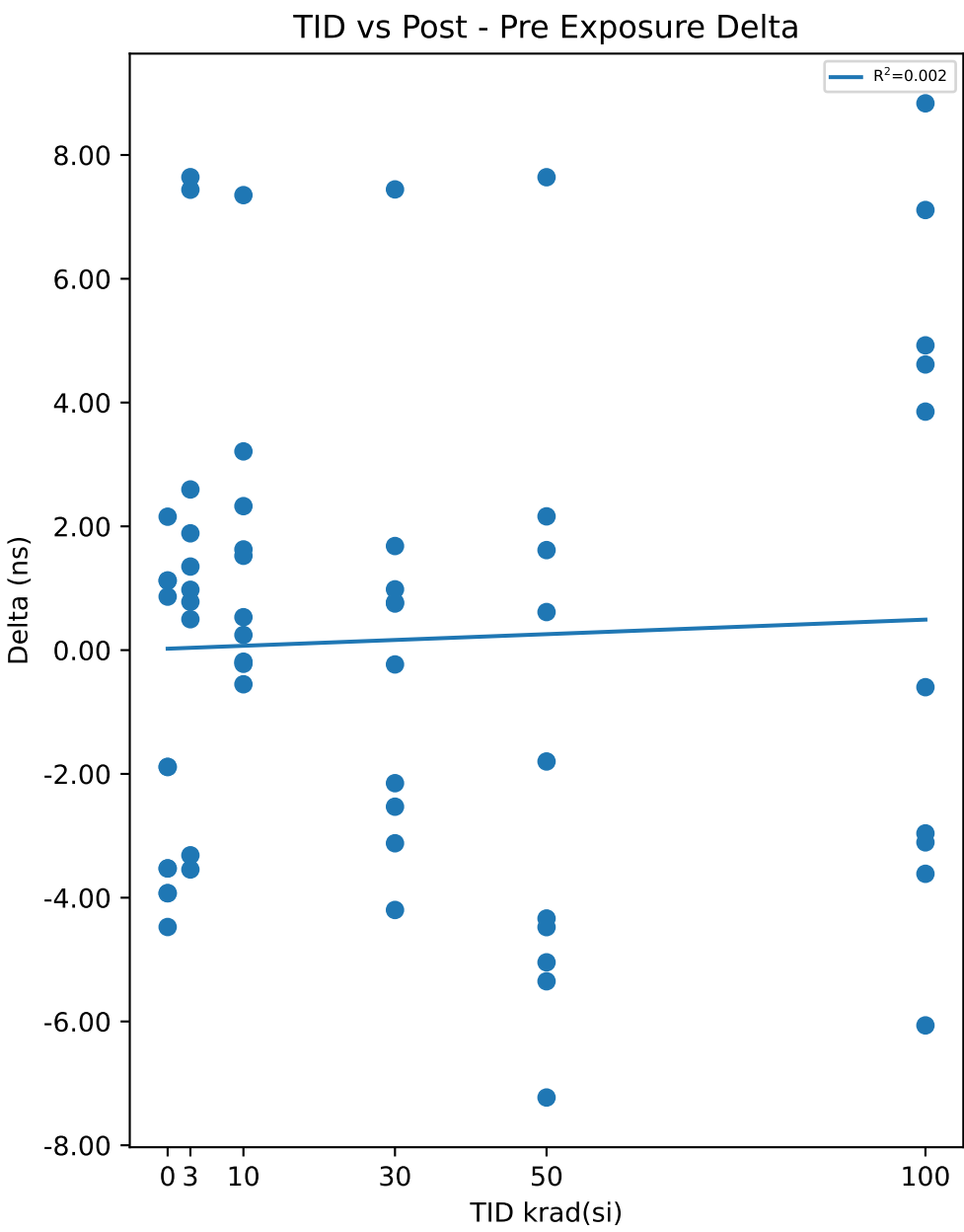
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.5932	8.2536	9.3103	0.66866	7.5781	8.6134	9.4424	0.68486	-1.7322	0.35986	1.1442	1.185
3	7.7305	8.3677	9.164	0.55608	7.775	8.7447	9.4438	0.61988	-0.4329	0.37704	1.2832	0.63582
10	7.75	8.5473	9.1957	0.54865	7.7936	8.7616	9.4532	0.62036	-1.3468	0.21431	1.2127	0.94938
30	7.098	8.2261	9.3561	0.87438	7.1696	8.0732	8.9936	0.61406	-1.0389	-0.15294	1.3547	0.76735
50	7.1002	8.3523	9.2192	0.76988	7.2207	7.8598	8.551	0.57238	-1.5574	-0.49242	1.4508	0.75621
100	7.167	8.1159	9.3487	0.84773	7.2333	7.5699	8.5572	0.53978	-2.0653	-0.54598	0.1347	0.79894



Test Results (Lower Limit = 140.0, Upper Limit = 350.0 (ns))

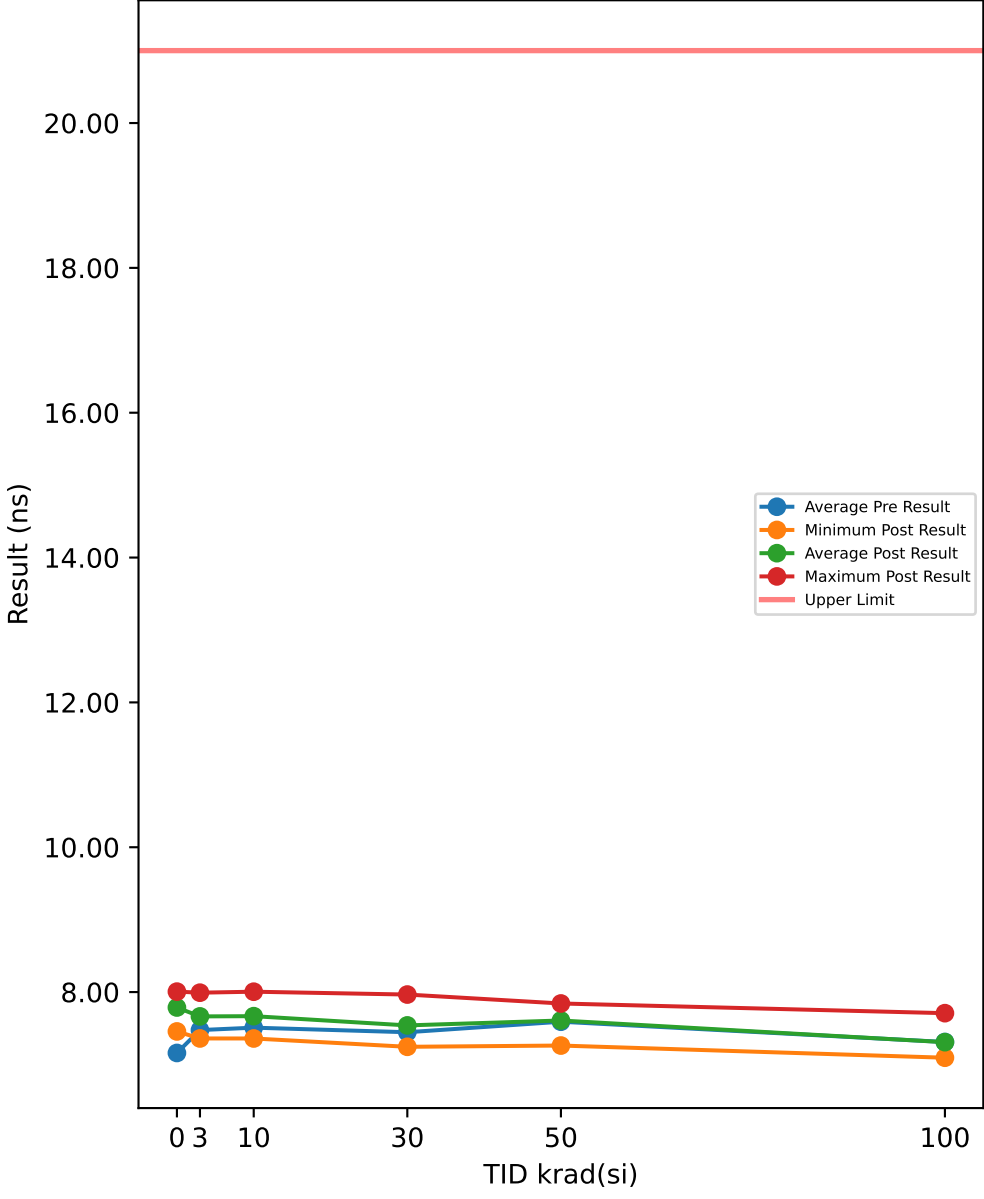
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	224.05	226.2	2.1559
516	0	CORRELATION	219.97	215.49	-4.4738
721	0	CORRELATION	222.18	223.04	0.8645
723	0	CORRELATION	216.29	217.41	1.1241
729	0	CORRELATION	225.63	223.74	-1.8876
1000	3	Unbiased	221.05	222.02	0.975
1001	3	Unbiased	211.87	213.76	1.8872
1002	3	Unbiased	218.72	219.5	0.7807
1003	3	Unbiased	221.5	217.96	-3.5444
1004	3	Unbiased	215.78	223.42	7.6415
1005	3	Biased	219.26	221.86	2.5957
1006	3	Biased	220.8	222.15	1.3499
1007	3	Biased	217.04	217.54	0.4992
1008	3	Biased	215.65	212.34	-3.3149
1009	3	Biased	216.99	224.43	7.439
1010	10	Unbiased	215.74	215.19	-0.5517
1011	10	Unbiased	219.65	219.43	-0.2208
1012	10	Unbiased	219.41	222.62	3.2108
1013	10	Unbiased	220.95	220.77	-0.1869
1014	10	Unbiased	223.26	224.89	1.6268
1015	10	Biased	221.59	223.91	2.3264
1016	10	Biased	222.62	223.15	0.5319
1017	10	Biased	221.88	223.4	1.5242
1018	10	Biased	220.17	220.42	0.2446
1019	10	Biased	216.31	223.66	7.3515
1020	30	Unbiased	216.91	224.35	7.4439
1021	30	Unbiased	226.05	226.82	0.7716
1022	30	Unbiased	222.2	218	-4.1985
1023	30	Unbiased	217.93	215.4	-2.5298
1024	30	Unbiased	217.98	214.86	-3.1207
1025	30	Biased	216.21	215.98	-0.2314
1026	30	Biased	222.21	223.89	1.6818
1027	30	Biased	218.34	219.09	0.7527
1028	30	Biased	221.56	219.41	-2.1501
1029	30	Biased	210.76	211.75	0.982
1030	50	Unbiased	216.19	210.84	-5.3504
1031	50	Unbiased	218.3	216.5	-1.7991
1032	50	Unbiased	219.51	215.04	-4.4758
1033	50	Unbiased	222.78	218.45	-4.3363
1034	50	Unbiased	222.98	217.94	-5.0446
1035	50	Biased-84Hr-Anneal	221.78	223.4	1.616
1036	50	Biased-84Hr-Anneal	220.35	220.96	0.6151
1037	50	Biased-84Hr-Anneal	219.03	221.19	2.1612
1038	50	Biased-84Hr-Anneal	215.56	223.2	7.6407
1039	50	Biased-84Hr-Anneal	225.28	218.05	-7.2287
1040	100	Unbiased-168Hr-Anneal	215.48	214.88	-0.5989
1041	100	Unbiased-168Hr-Anneal	218.08	214.97	-3.1061
1042	100	Unbiased-168Hr-Anneal	225.13	219.06	-6.0636
1043	100	Unbiased-168Hr-Anneal	223.7	220.09	-3.6141
1044	100	Unbiased-168Hr-Anneal	224.52	221.56	-2.961
1045	100	Biased-168Hr-Anneal	219.02	226.13	7.1109
1046	100	Biased-168Hr-Anneal	217.15	221.01	3.8535
1047	100	Biased-168Hr-Anneal	225.66	234.5	8.8347
1048	100	Biased-168Hr-Anneal	215.62	220.24	4.6154
1049	100	Biased-168Hr-Anneal	212.19	217.11	4.924



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	216.29	221.62	225.63	3.6567	215.49	221.18	226.2	4.5236	-4.4738	-0.44338	2.1559	2.7043
3	211.87	217.87	221.5	3.0042	212.34	219.5	224.43	4.0708	-3.5444	1.6309	7.6415	3.721
10	215.74	220.16	223.26	2.5047	215.19	221.74	224.89	2.8839	-0.5517	1.5857	7.3515	2.3646
30	210.76	219.02	226.05	4.2079	211.75	218.96	226.82	4.7919	-4.1985	-0.05985	7.4439	3.3128
50	215.56	220.18	225.28	3.0862	210.84	218.56	223.4	3.8666	-7.2287	-1.6202	7.6407	4.5728
100	212.19	219.66	225.66	4.768	214.88	220.95	234.5	5.8002	-6.0636	1.2995	8.8347	5.1718

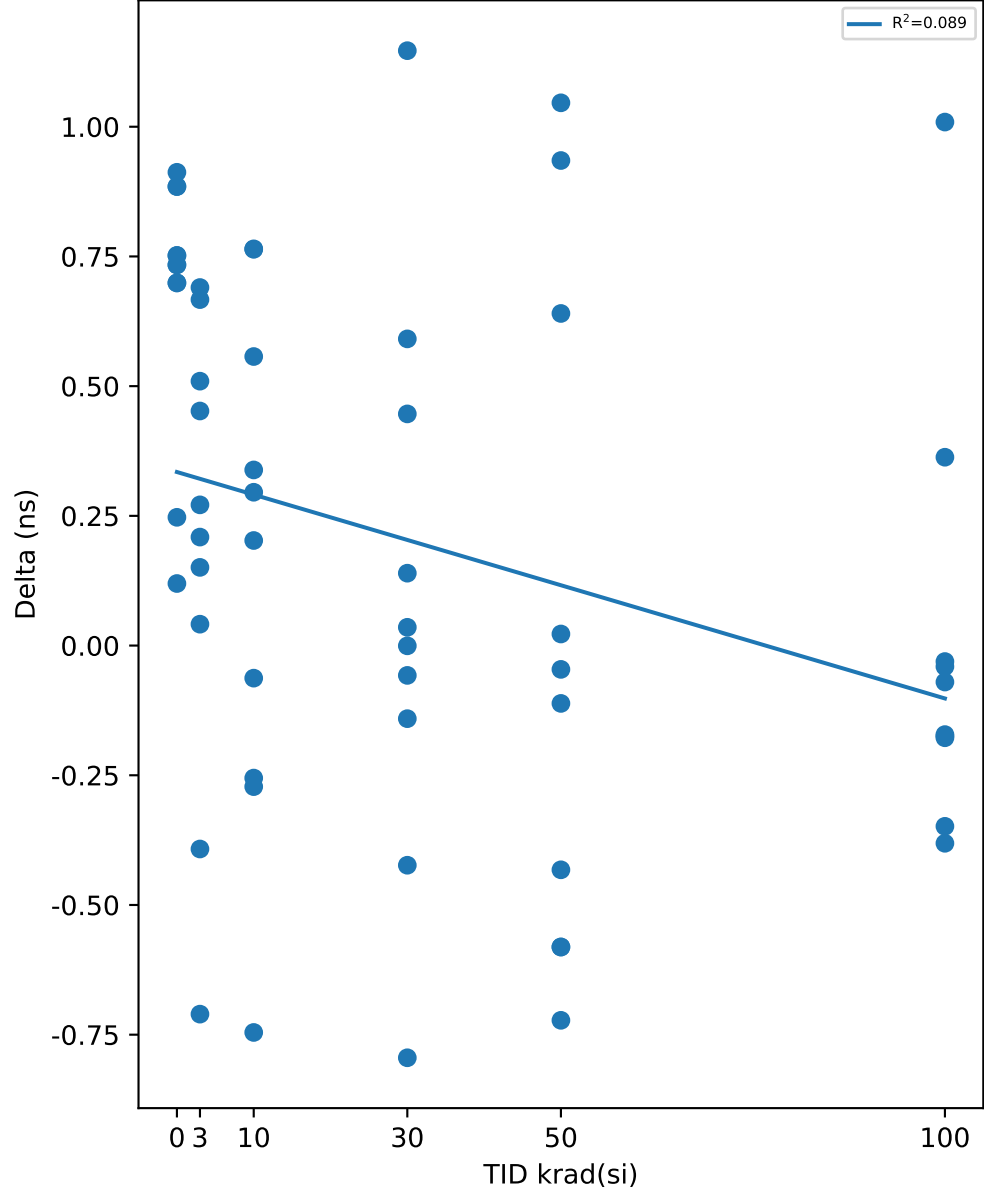
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.5887	7.8359	0.2472
516	0	CORRELATION	6.7227	7.6349	0.9122
721	0	CORRELATION	7.3368	7.4564	0.1196
723	0	CORRELATION	7.0266	7.7784	0.7518
729	0	CORRELATION	7.1214	8.0062	0.8848
1000	3	Unbiased	7.2639	7.473	0.2091
1001	3	Unbiased	7.1794	7.8695	0.6901
1002	3	Unbiased	7.3184	7.3596	0.0412
1003	3	Unbiased	7.4601	7.9697	0.5096
1004	3	Unbiased	8.2438	7.8517	-0.3921
1005	3	Biased	7.1724	7.8392	0.6668
1006	3	Biased	7.284	7.4347	0.1507
1007	3	Biased	7.121	7.3922	0.2712
1008	3	Biased	7.5395	7.9916	0.4521
1009	3	Biased	8.1706	7.4602	-0.7104
1010	10	Unbiased	7.6097	7.9052	0.2955
1011	10	Unbiased	7.422	7.3592	-0.0628
1012	10	Unbiased	8.2717	7.9998	-0.2719
1013	10	Unbiased	7.2578	7.4603	0.2025
1014	10	Unbiased	7.0236	7.7874	0.7638
1015	10	Biased	7.0774	7.842	0.7646
1016	10	Biased	7.448	8.0051	0.5571
1017	10	Biased	7.1159	7.4544	0.3385
1018	10	Biased	7.6753	7.4199	-0.2554
1019	10	Biased	8.1851	7.4394	-0.7457
1020	30	Unbiased	8.1271	7.3326	-0.7945
1021	30	Unbiased	7.415	7.4502	0.0352
1022	30	Unbiased	7.5194	7.9659	0.4465
1023	30	Unbiased	7.6677	7.2443	-0.4234
1024	30	Unbiased	7.2452	7.8363	0.5911
1025	30	Biased	7.4834	7.4259	-0.0575
1026	30	Biased	7.2431	7.3826	0.1395
1027	30	Biased	7.2639	7.2634	-0.0005
1028	30	Biased	6.7101	7.8567	1.1466
1029	30	Biased	7.7801	7.6392	-0.1409
1030	50	Unbiased	6.6964	7.7425	1.0461
1031	50	Unbiased	7.7735	7.662	-0.1115
1032	50	Unbiased	7.6939	7.2617	-0.4322
1033	50	Unbiased	7.2024	7.8425	0.6401
1034	50	Unbiased	6.7487	7.6836	0.9349
1035	50	Biased-84Hr-Anneal	7.867	7.2861	-0.5809
1036	50	Biased-84Hr-Anneal	7.8482	7.8023	-0.0459
1037	50	Biased-84Hr-Anneal	7.9104	7.3293	-0.5811
1038	50	Biased-84Hr-Anneal	7.8106	7.8329	0.0223
1039	50	Biased-84Hr-Anneal	8.3547	7.6324	-0.7223
1040	100	Unbiased-168Hr-Anneal	7.7094	7.6786	-0.0308
1041	100	Unbiased-168Hr-Anneal	6.769	7.132	0.363
1042	100	Unbiased-168Hr-Anneal	6.6997	7.7087	1.009
1043	100	Unbiased-168Hr-Anneal	7.134	7.0935	-0.0405
1044	100	Unbiased-168Hr-Anneal	7.5957	7.5254	-0.0703
1045	100	Biased-168Hr-Anneal	7.5593	7.2109	-0.3484
1046	100	Biased-168Hr-Anneal	7.3251	7.1474	-0.1777
1047	100	Biased-168Hr-Anneal	7.5507	7.1696	-0.3811
1048	100	Biased-168Hr-Anneal	7.3721	7.1976	-0.1745
1049	100	Biased-168Hr-Anneal	7.3904	7.2188	-0.1716

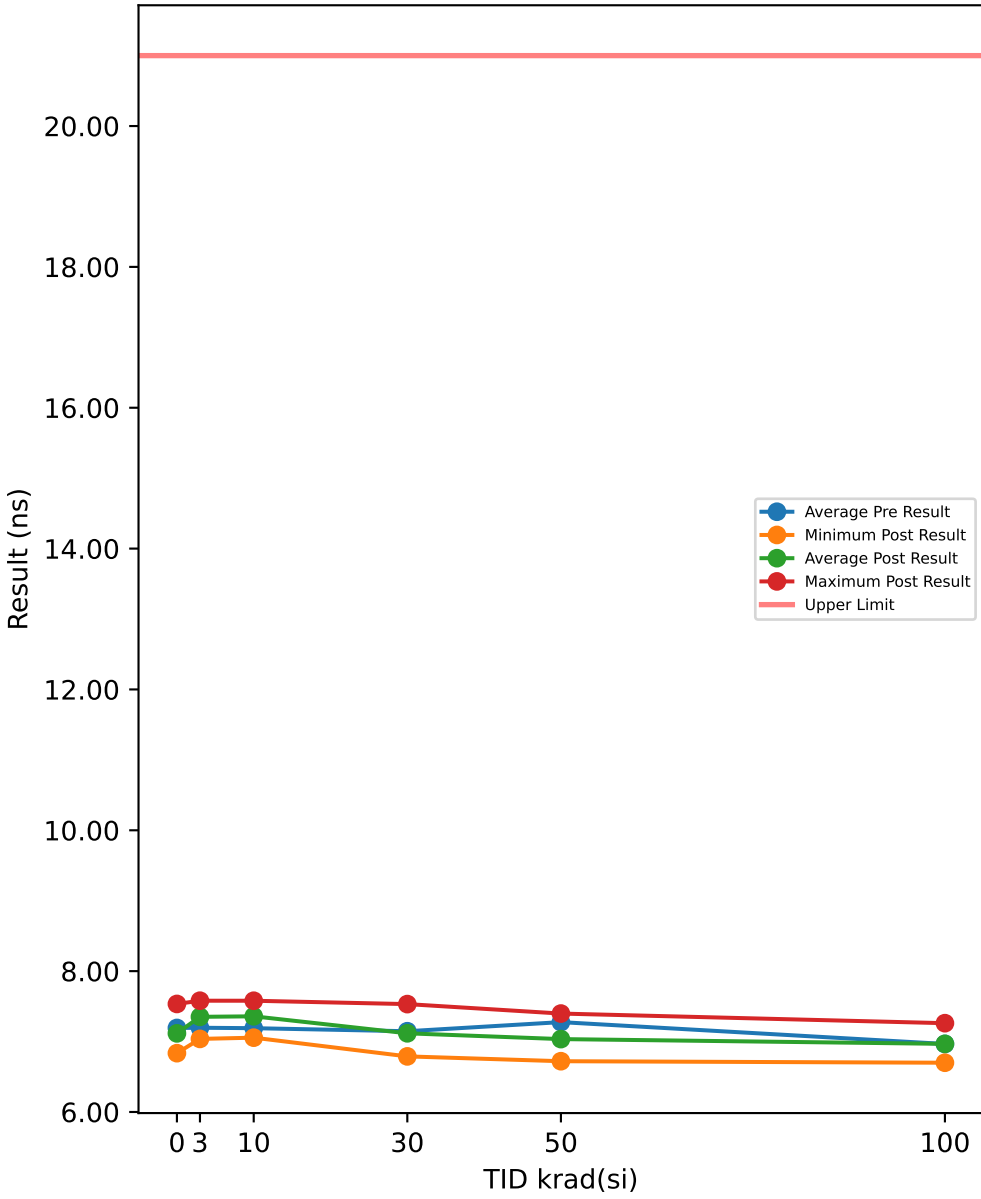
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.7227	7.1592	7.5887	0.32617	7.4564	7.7424	8.0062	0.20795	0.1196	0.58312	0.9122	0.37264
3	7.121	7.4753	8.2438	0.40677	7.3596	7.6641	7.9916	0.2595	-0.7104	0.18883	0.6901	0.45074
10	7.0236	7.5087	8.2717	0.43811	7.3592	7.6673	8.0051	0.26299	-0.7457	0.15862	0.7646	0.4909
30	6.7101	7.4455	8.1271	0.37839	7.2443	7.5397	7.9659	0.26502	-0.7945	0.09421	1.1466	0.54048
50	6.6964	7.5906	8.3547	0.53546	7.2617	7.6075	7.8425	0.22897	-0.7223	0.01695	1.0461	0.64755
100	6.6997	7.3105	7.7094	0.34446	7.0935	7.3082	7.7087	0.23492	-0.3811	-0.00229	1.009	0.41034

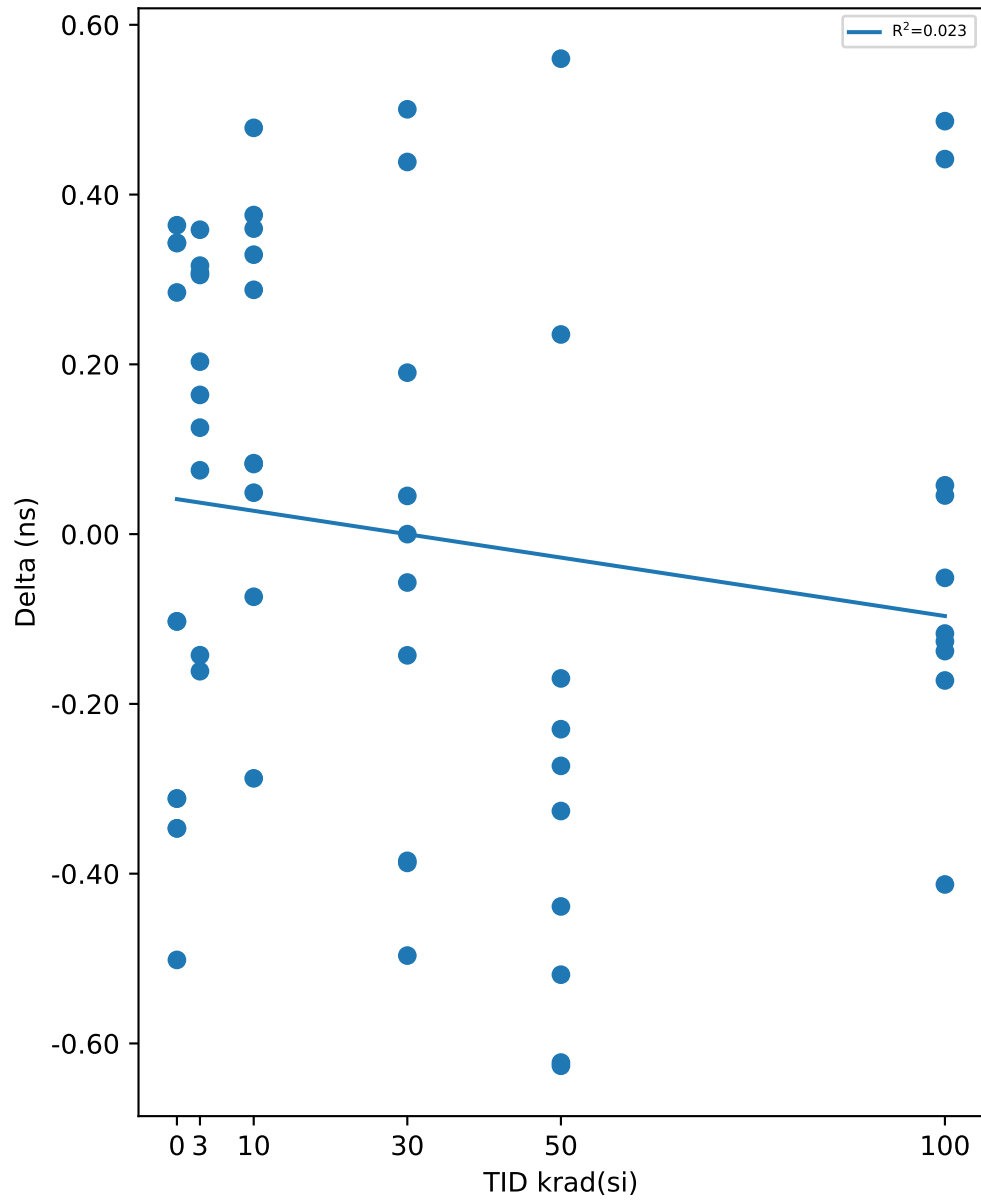
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.3713	6.8697	-0.5016
516	0	CORRELATION	7.0897	7.3744	0.2847
721	0	CORRELATION	7.1702	7.5341	0.3639
723	0	CORRELATION	7.1522	7.4952	0.343
729	0	CORRELATION	7.1817	7.0789	-0.1028
1000	3	Unbiased	7.272	7.5801	0.3081
1001	3	Unbiased	7.1802	7.5388	0.3586
1002	3	Unbiased	7.1992	7.0377	-0.1615
1003	3	Unbiased	7.0043	7.0795	0.0752
1004	3	Unbiased	7.3897	7.5537	0.164
1005	3	Biased	7.2122	7.5175	0.3053
1006	3	Biased	7.1568	7.4731	0.3163
1007	3	Biased	7.2149	7.0723	-0.1426
1008	3	Biased	6.9797	7.1051	0.1254
1009	3	Biased	7.3518	7.555	0.2032
1010	10	Unbiased	7.101	7.5796	0.4786
1011	10	Unbiased	6.9726	7.0552	0.0826
1012	10	Unbiased	7.4171	7.1294	-0.2877
1013	10	Unbiased	7.1654	7.5253	0.3599
1014	10	Unbiased	7.1758	7.4636	0.2878
1015	10	Biased	7.1672	7.4964	0.3292
1016	10	Biased	7.221	7.1472	-0.0738
1017	10	Biased	7.1811	7.557	0.3759
1018	10	Biased	7.0737	7.1225	0.0488
1019	10	Biased	7.4246	7.5082	0.0836
1020	30	Unbiased	7.4346	7.0497	-0.3849
1021	30	Unbiased	7.3417	7.5319	0.1902
1022	30	Unbiased	7.0142	7.0592	0.045
1023	30	Unbiased	7.4561	6.9596	-0.4965
1024	30	Unbiased	7.0025	6.8597	-0.1428
1025	30	Biased	6.9978	7.4983	0.5005
1026	30	Biased	7.1348	7.0778	-0.057
1027	30	Biased	7.029	7.029	0
1028	30	Biased	7.1767	6.7894	-0.3873
1029	30	Biased	6.8792	7.3176	0.4384
1030	50	Unbiased	7.0702	6.7972	-0.273
1031	50	Unbiased	6.8375	7.3976	0.5601
1032	50	Unbiased	7.4228	6.9842	-0.4386
1033	50	Unbiased	6.9712	6.8012	-0.17
1034	50	Unbiased	7.071	7.3062	0.2352
1035	50	Biased-84Hr-Anneal	7.6828	7.0603	-0.6225
1036	50	Biased-84Hr-Anneal	7.0856	6.8558	-0.2298
1037	50	Biased-84Hr-Anneal	7.7295	7.1032	-0.6263
1038	50	Biased-84Hr-Anneal	7.0471	6.7209	-0.3262
1039	50	Biased-84Hr-Anneal	7.8428	7.3238	-0.519
1040	100	Unbiased-168Hr-Anneal	6.7952	6.8527	0.0575
1041	100	Unbiased-168Hr-Anneal	7.1037	6.9659	-0.1378
1042	100	Unbiased-168Hr-Anneal	7.1122	6.6995	-0.4127
1043	100	Unbiased-168Hr-Anneal	6.9497	6.8982	-0.0515
1044	100	Unbiased-168Hr-Anneal	7.2154	7.2609	0.0455
1045	100	Biased-168Hr-Anneal	6.542	6.9838	0.4418
1046	100	Biased-168Hr-Anneal	7.1271	6.9547	-0.1724
1047	100	Biased-168Hr-Anneal	6.5332	7.0197	0.4865
1048	100	Biased-168Hr-Anneal	7.1521	7.035	-0.1171
1049	100	Biased-168Hr-Anneal	7.1294	7.0031	-0.1263

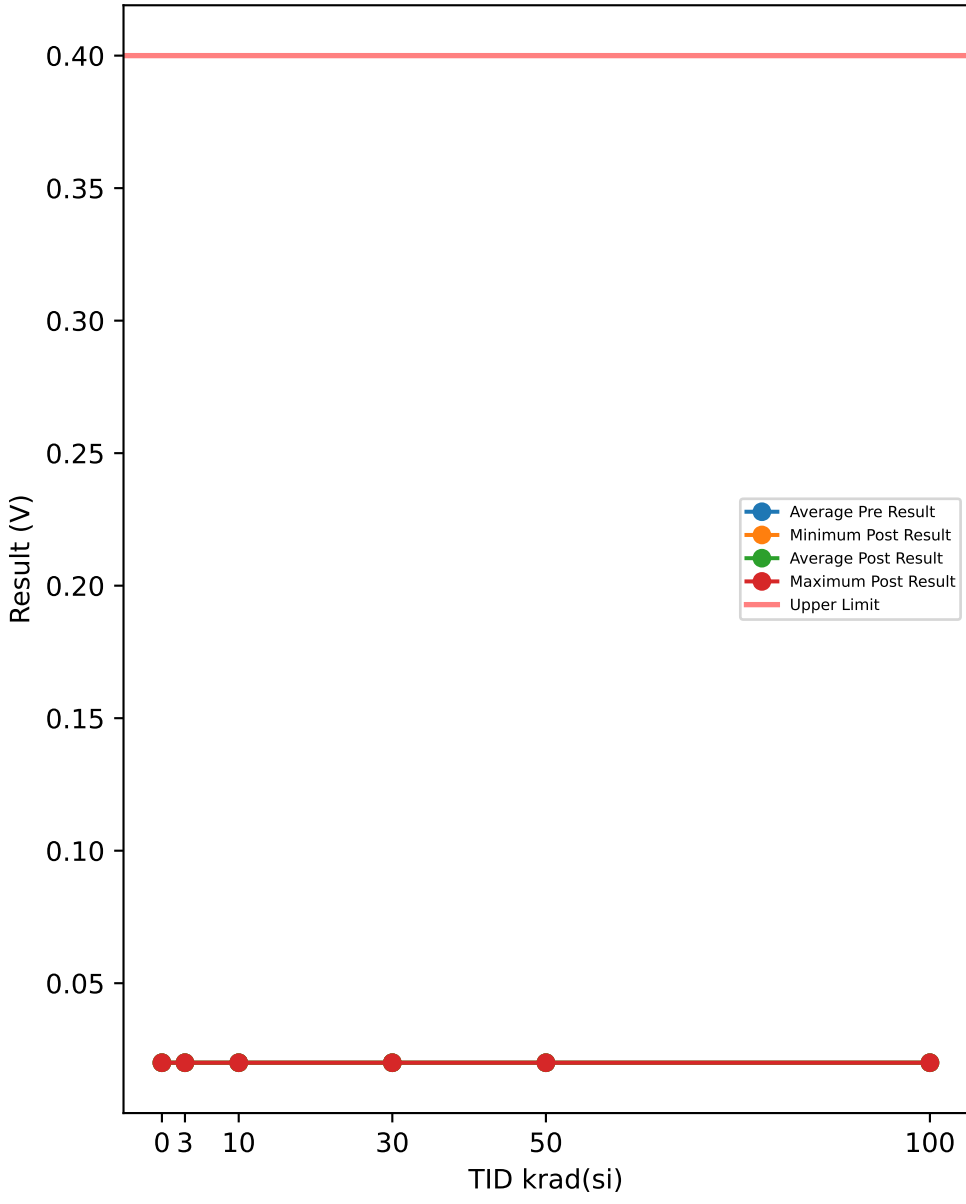
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.0897	7.193	7.3713	0.1058	6.8697	7.2705	7.5341	0.28641	-0.5016	0.07744	0.3639	0.37527
3	6.9797	7.1961	7.3897	0.13061	7.0377	7.3513	7.5801	0.24109	-0.1615	0.1552	0.3586	0.18616
10	6.9726	7.19	7.4246	0.14051	7.0552	7.3584	7.5796	0.21432	-0.2877	0.16849	0.4786	0.23842
30	6.8792	7.1467	7.4561	0.201	6.7894	7.1172	7.5319	0.25237	-0.4965	-0.02944	0.5005	0.34002
50	6.8375	7.2761	7.8428	0.36089	6.7209	7.035	7.3976	0.24456	-0.6263	-0.24101	0.5601	0.37893
100	6.5332	6.966	7.2154	0.25525	6.6995	6.9674	7.2609	0.14332	-0.4127	0.00135	0.4865	0.2766

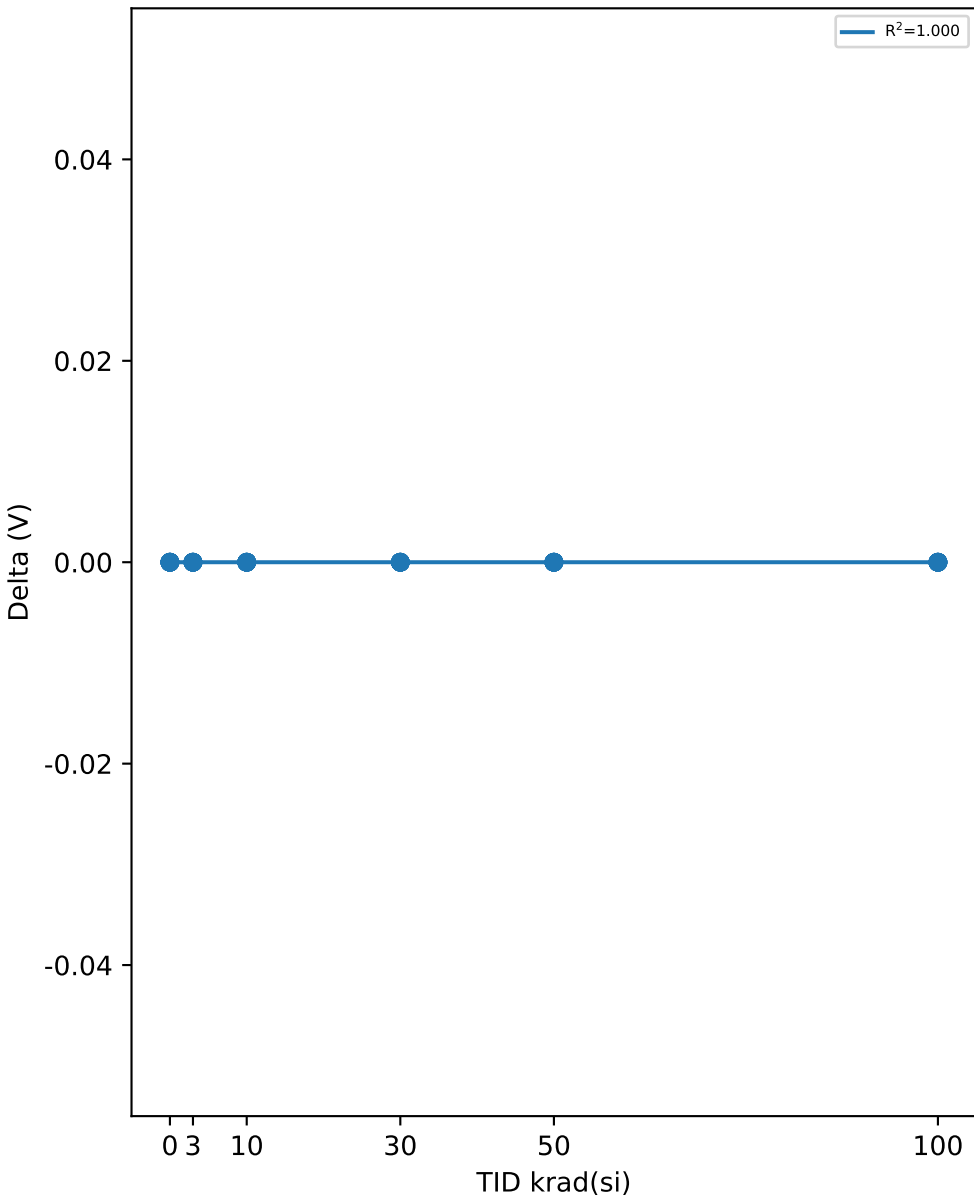
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

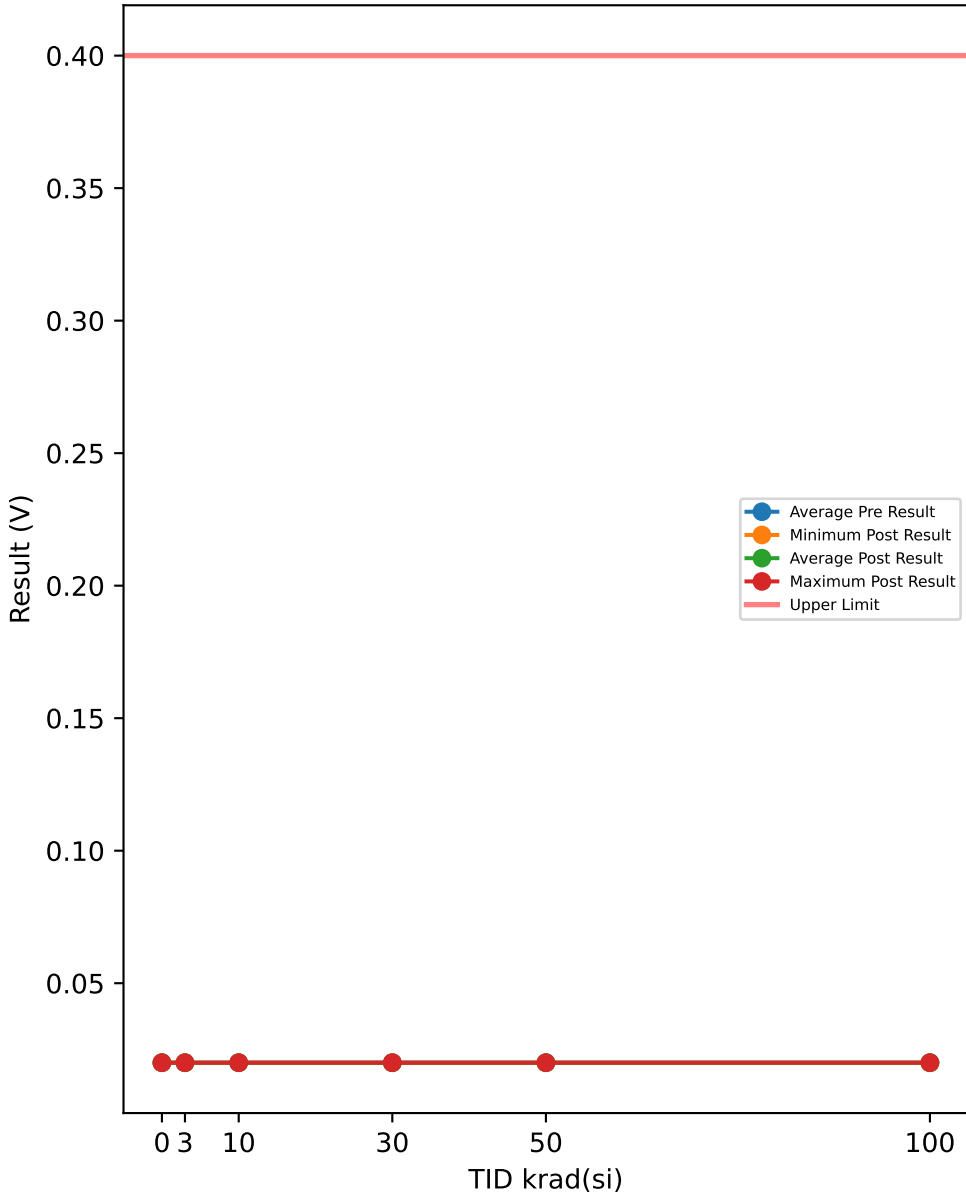
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

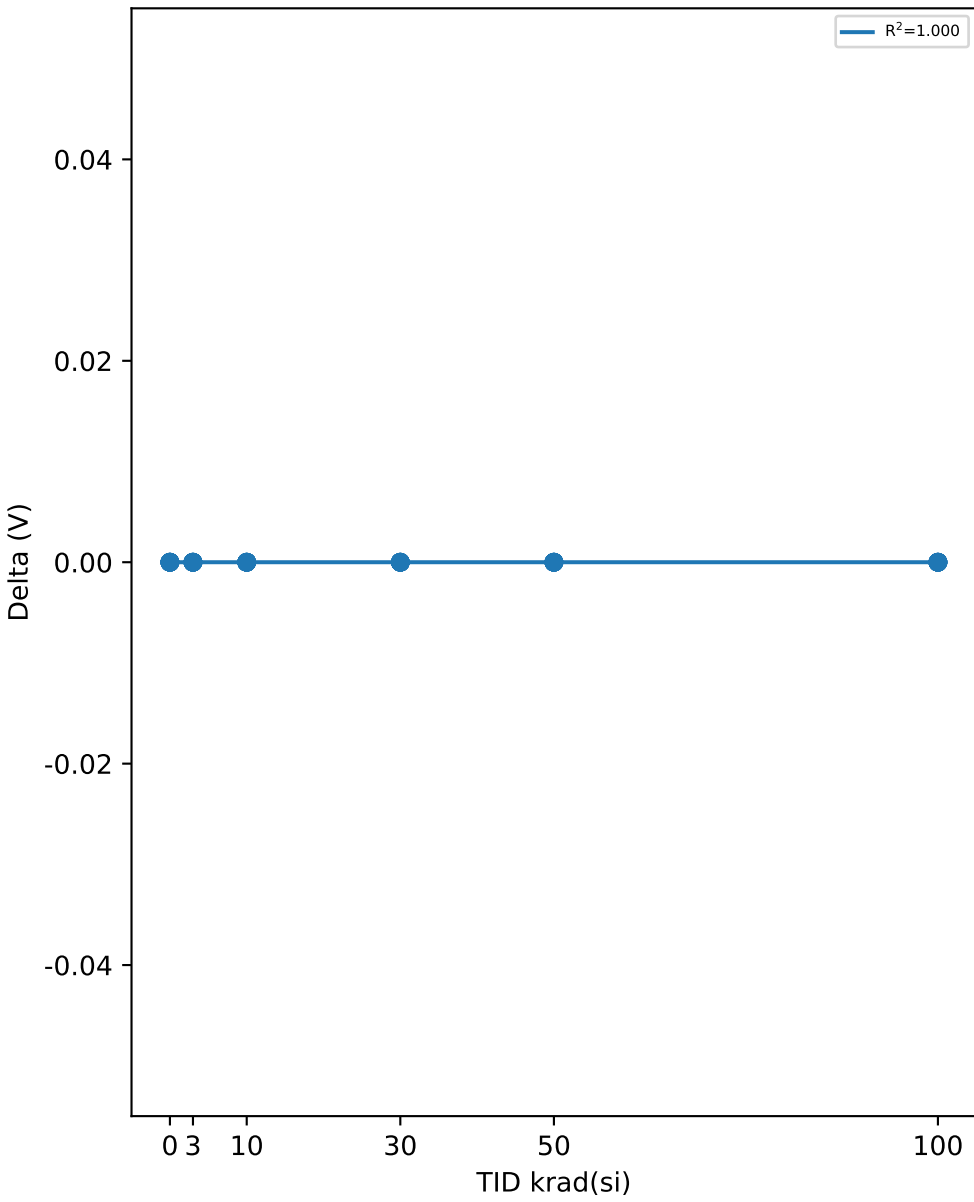
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

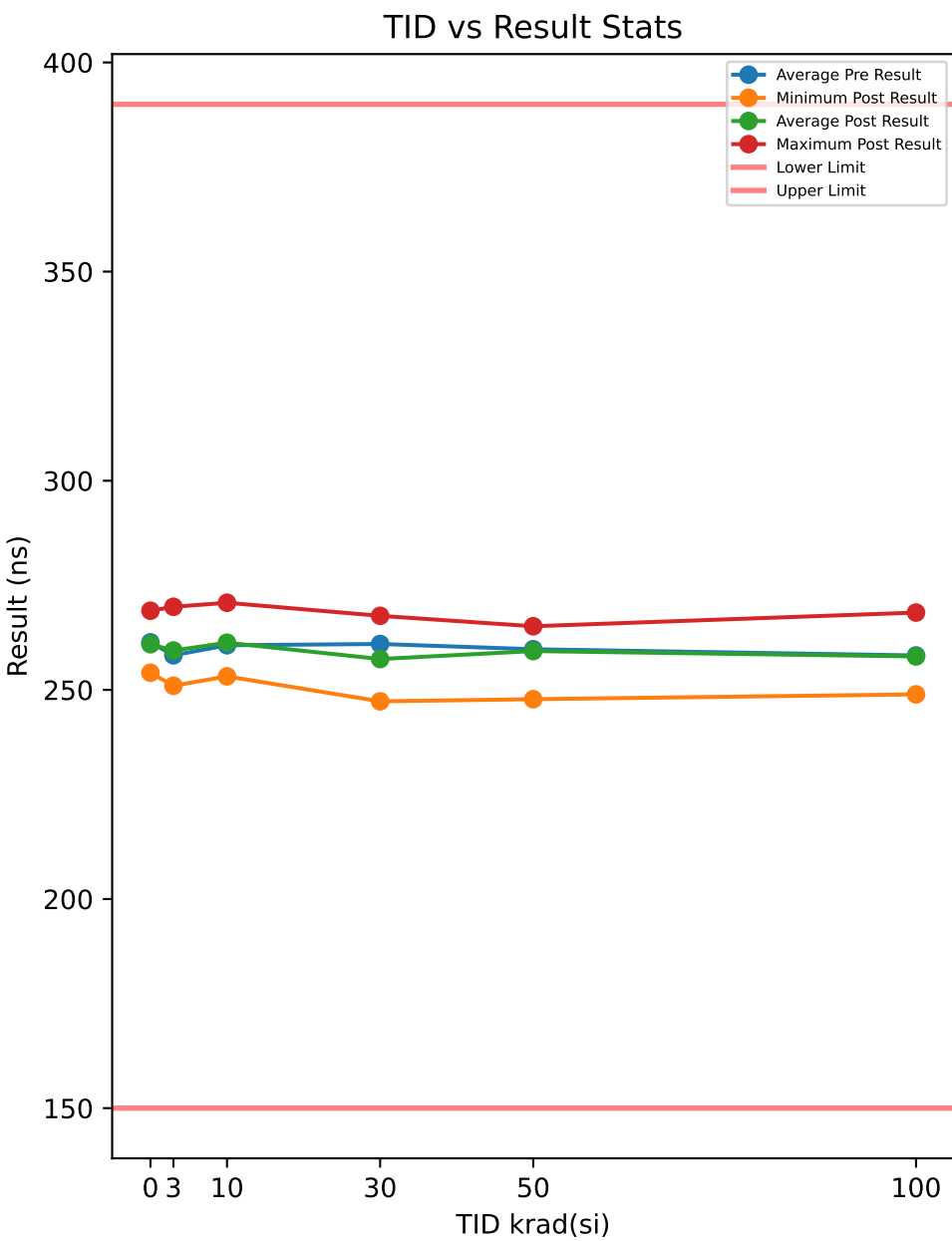
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

TID vs Post - Pre Exposure Delta



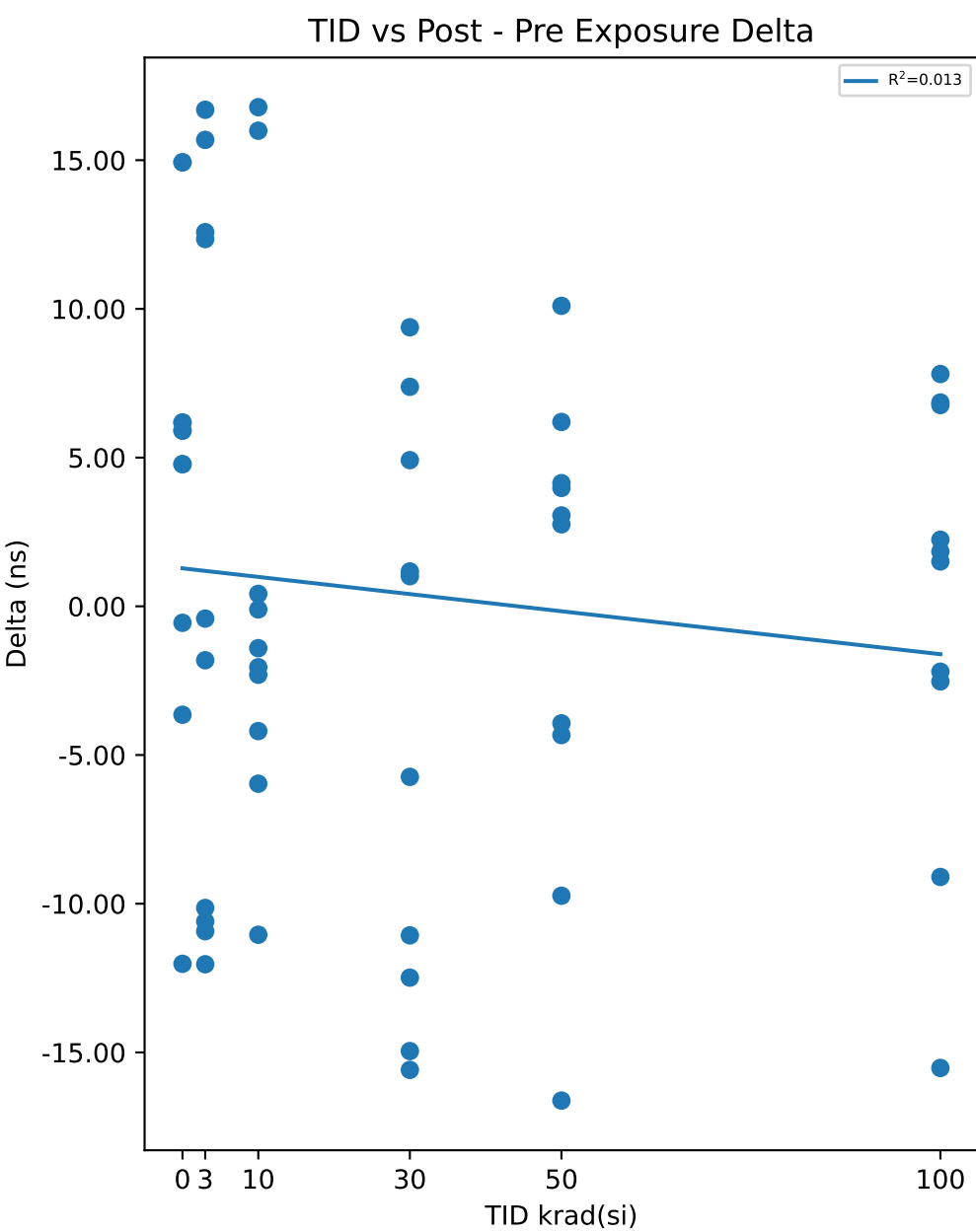
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0



Test Results (Lower Limit = 150.0, Upper Limit = 390.0 (ns))

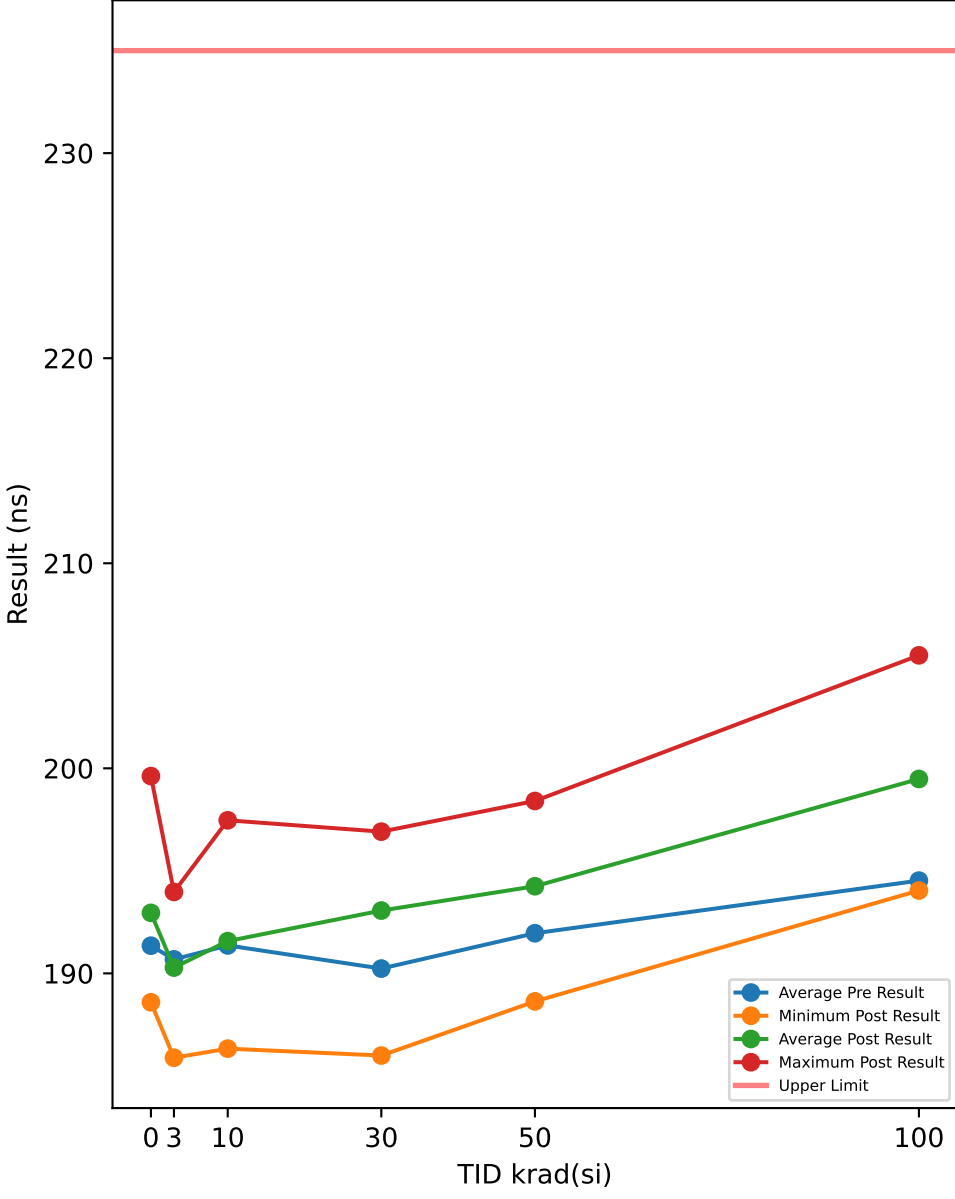
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	269.47	268.92	-0.556
516	0	CORRELATION	265.64	262	-3.646
721	0	CORRELATION	266.39	254.37	-12.021
723	0	CORRELATION	248.19	263.12	14.928
729	0	CORRELATION	257.1	261.88	4.7785
1000	3	Unbiased	265.75	253.72	-12.036
1001	3	Unbiased	244.32	260	15.683
1002	3	Unbiased	263.1	262.69	-0.4131
1003	3	Unbiased	268.41	258.27	-10.142
1004	3	Unbiased	257.28	269.86	12.58
1005	3	Biased	251.35	268.05	16.694
1006	3	Biased	263.96	253.36	-10.597
1007	3	Biased	248.44	260.78	12.346
1008	3	Biased	261.91	250.98	-10.926
1009	3	Biased	258.14	256.33	-1.8133
1010	10	Unbiased	262.96	261.55	-1.4078
1011	10	Unbiased	265.7	263.65	-2.0491
1012	10	Unbiased	260.1	260.51	0.418
1013	10	Unbiased	264.27	253.23	-11.043
1014	10	Unbiased	254.84	270.83	15.99
1015	10	Biased	253.33	270.11	16.781
1016	10	Biased	267.41	261.44	-5.9652
1017	10	Biased	253.67	253.56	-0.1046
1018	10	Biased	266.61	264.31	-2.3018
1019	10	Biased	257.79	253.59	-4.1961
1020	30	Unbiased	258.29	267.67	9.3821
1021	30	Unbiased	270.98	258.5	-12.486
1022	30	Unbiased	268.17	257.11	-11.064
1023	30	Unbiased	263.68	248.09	-15.588
1024	30	Unbiased	250.04	257.42	7.38
1025	30	Biased	262.22	247.26	-14.955
1026	30	Biased	266.53	267.7	1.1721
1027	30	Biased	250.45	251.46	1.0113
1028	30	Biased	266.9	261.17	-5.7351
1029	30	Biased	252.45	257.36	4.914
1030	50	Unbiased	262.95	253.22	-9.7311
1031	50	Unbiased	259.85	262.9	3.055
1032	50	Unbiased	264.39	247.77	-16.619
1033	50	Unbiased	254.58	260.78	6.1981
1034	50	Unbiased	268.43	264.5	-3.9355
1035	50	Biased-84Hr-Anneal	251.61	255.75	4.141
1036	50	Biased-84Hr-Anneal	259.97	263.95	3.9791
1037	50	Biased-84Hr-Anneal	251.11	253.86	2.7569
1038	50	Biased-84Hr-Anneal	255.11	265.21	10.103
1039	50	Biased-84Hr-Anneal	269.16	264.83	-4.3297
1040	100	Unbiased-168Hr-Anneal	258.07	260.31	2.2386
1041	100	Unbiased-168Hr-Anneal	264.45	248.93	-15.523
1042	100	Unbiased-168Hr-Anneal	271.2	262.1	-9.1007
1043	100	Unbiased-168Hr-Anneal	255.43	252.91	-2.5243
1044	100	Unbiased-168Hr-Anneal	270.68	268.48	-2.1989
1045	100	Biased-168Hr-Anneal	258.99	260.5	1.5078
1046	100	Biased-168Hr-Anneal	248.17	255.03	6.8524
1047	100	Biased-168Hr-Anneal	265.31	267.15	1.8394
1048	100	Biased-168Hr-Anneal	246.82	253.59	6.7663
1049	100	Biased-168Hr-Anneal	243.09	250.9	7.8104



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	248.19	261.36	269.47	8.6774	254.37	262.06	268.92	5.179	-12.021	0.69676	14.928	10.017
3	244.32	258.27	268.41	7.9438	250.98	259.4	269.86	6.215	-12.036	1.1377	16.694	12.043
10	253.33	260.67	267.41	5.4746	253.23	261.28	270.83	6.395	-11.043	0.6122	16.781	8.9466
30	250.04	260.97	270.98	7.7248	247.26	257.37	267.7	7.0853	-15.588	-3.5968	9.3821	9.5306
50	251.11	259.71	269.16	6.5406	247.77	259.28	265.21	6.159	-16.619	-0.43824	10.103	8.1215
100	243.09	258.22	271.2	9.893	248.93	257.99	268.48	6.7405	-15.523	-0.23316	7.8104	7.445

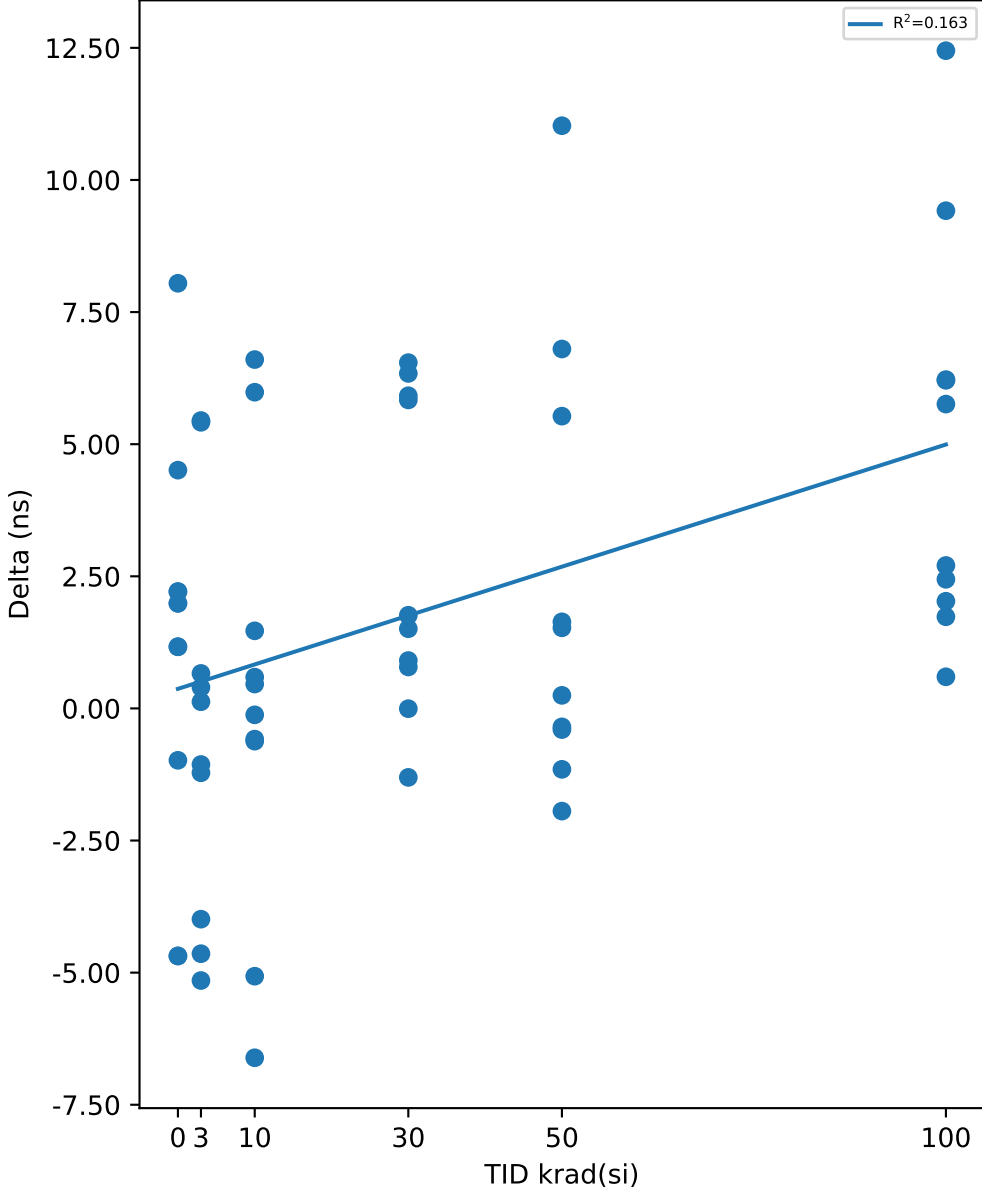
TID vs Result Stats



Test Results (Upper Limit = 235.0 (ns))

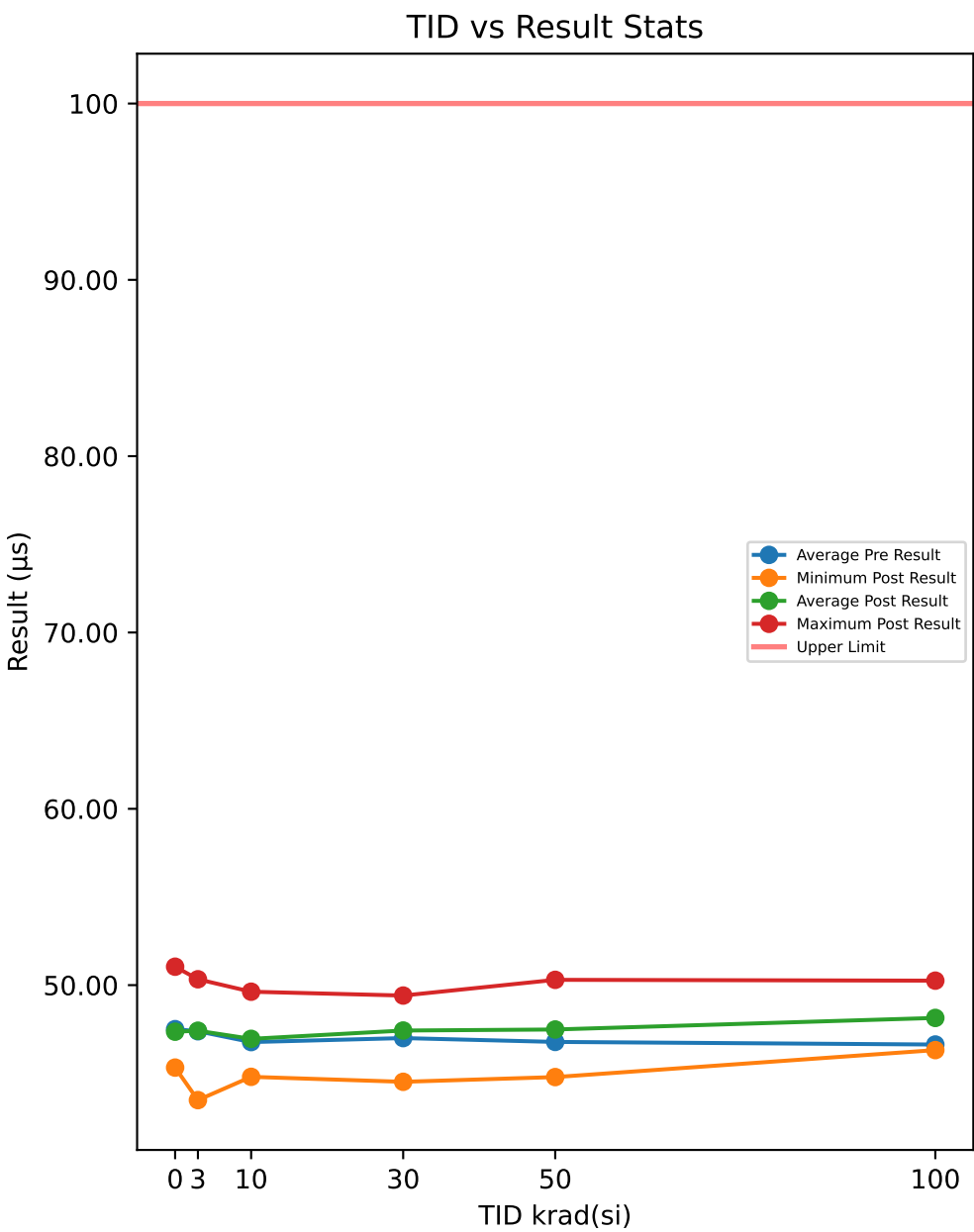
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	191.58	199.62	8.0452
516	0	CORRELATION	190.82	195.33	4.5087
721	0	CORRELATION	190.1	189.12	-0.9818
723	0	CORRELATION	193.27	188.59	-4.6843
729	0	CORRELATION	190.98	192.15	1.1668
1000	3	Unbiased	193.11	192.05	-1.0614
1001	3	Unbiased	194.08	190.09	-3.9884
1002	3	Unbiased	192.4	192.8	0.3978
1003	3	Unbiased	182.6	188.01	5.4141
1004	3	Unbiased	195.8	190.65	-5.1491
1005	3	Biased	190.53	185.89	-4.6415
1006	3	Biased	192.65	191.44	-1.218
1007	3	Biased	189.1	189.76	0.6621
1008	3	Biased	188.52	193.97	5.4477
1009	3	Biased	188.03	188.15	0.1266
1010	10	Unbiased	189.15	189.61	0.4612
1011	10	Unbiased	187.94	194.54	6.6016
1012	10	Unbiased	197.59	197.47	-0.1213
1013	10	Unbiased	194.99	194.41	-0.5807
1014	10	Unbiased	191.4	186.33	-5.0676
1015	10	Biased	194.57	187.96	-6.611
1016	10	Biased	190.87	192.33	1.4683
1017	10	Biased	188.69	189.28	0.5926
1018	10	Biased	185.16	191.14	5.9835
1019	10	Biased	193.28	192.66	-0.6197
1020	30	Unbiased	194.92	195.83	0.906
1021	30	Unbiased	195.4	196.91	1.5081
1022	30	Unbiased	186.82	192.66	5.8374
1023	30	Unbiased	188.61	194.53	5.9169
1024	30	Unbiased	192.53	193.31	0.7842
1025	30	Biased	188.99	195.33	6.3392
1026	30	Biased	190.05	191.81	1.7626
1027	30	Biased	192.72	192.71	-0.005
1028	30	Biased	185.01	191.55	6.5435
1029	30	Biased	187.3	185.99	-1.3051
1030	50	Unbiased	180.12	191.15	11.027
1031	50	Unbiased	191.97	193.61	1.6383
1032	50	Unbiased	191.32	198.12	6.8014
1033	50	Unbiased	188.86	190.39	1.5253
1034	50	Unbiased	183.1	188.63	5.5306
1035	50	Biased-84Hr-Anneal	197.44	196.28	-1.1527
1036	50	Biased-84Hr-Anneal	192.72	192.97	0.2471
1037	50	Biased-84Hr-Anneal	197.1	196.75	-0.3492
1038	50	Biased-84Hr-Anneal	200.35	198.41	-1.9433
1039	50	Biased-84Hr-Anneal	196.59	196.19	-0.4003
1040	100	Unbiased-168Hr-Anneal	195.5	201.72	6.2223
1041	100	Unbiased-168Hr-Anneal	196.09	205.51	9.4184
1042	100	Unbiased-168Hr-Anneal	184.93	197.38	12.447
1043	100	Unbiased-168Hr-Anneal	195.41	201.17	5.7588
1044	100	Unbiased-168Hr-Anneal	188.84	195.05	6.2087
1045	100	Biased-168Hr-Anneal	192.31	194.04	1.7342
1046	100	Biased-168Hr-Anneal	194.53	196.97	2.4432
1047	100	Biased-168Hr-Anneal	200.06	200.66	0.5985
1048	100	Biased-168Hr-Anneal	199.17	201.2	2.0282
1049	100	Biased-168Hr-Anneal	198.41	201.11	2.7049

TID vs Post - Pre Exposure Delta



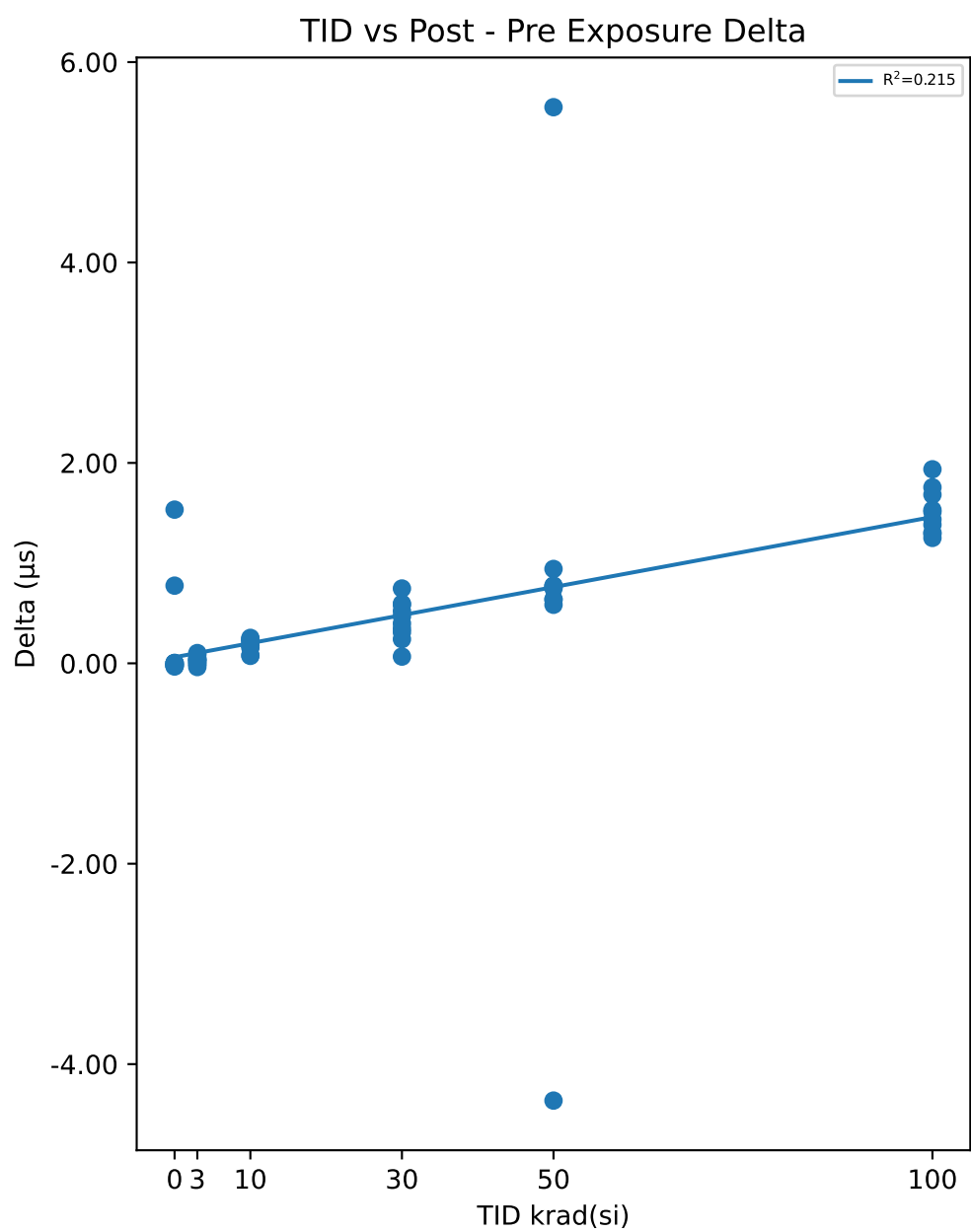
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	190.1	191.35	193.27	1.1971	188.59	192.96	199.62	4.5957	-4.6843	1.6109	8.0452	4.9078
3	182.6	190.68	195.8	3.8014	185.89	190.28	193.97	2.446	-5.1491	-0.40101	5.4477	3.7203
10	185.16	191.36	197.59	3.7775	186.33	191.57	197.47	3.3853	-6.611	0.21069	6.6016	4.1066
30	185.01	190.23	195.4	3.5272	185.99	193.06	196.91	3.0533	-1.3051	2.8288	6.5435	2.9924
50	180.12	191.96	200.35	6.4765	188.63	194.25	198.41	3.4086	-1.9433	2.2924	11.027	4.1679
100	184.93	194.52	200.06	4.7223	194.04	199.48	205.51	3.5143	0.5985	4.9564	12.447	3.7883



Test Results (Upper Limit = 100.0 (µs))

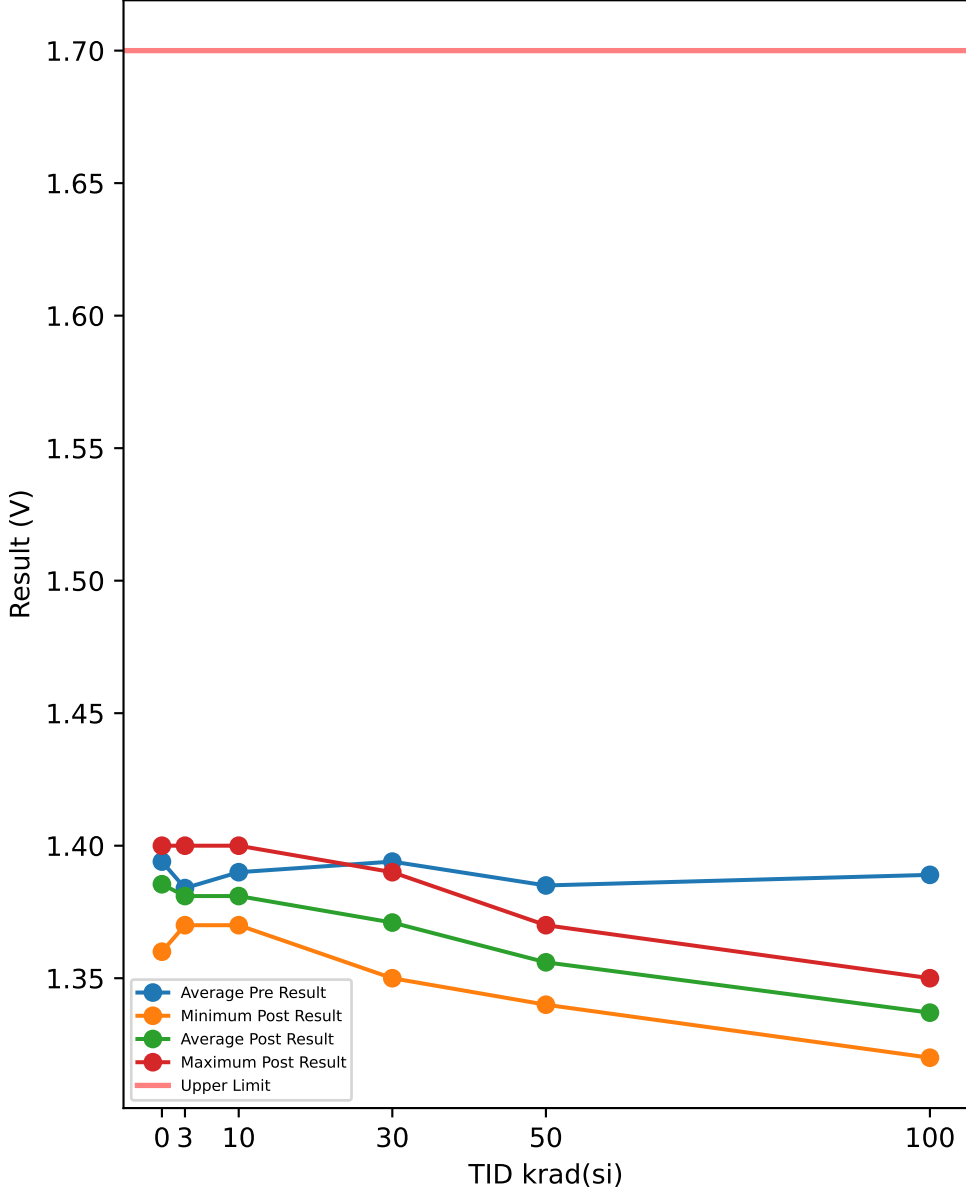
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	49.511	51.045	1.5338
516	0	CORRELATION	48.905	49.681	0.7751
721	0	CORRELATION	45.355	45.323	-0.0319
723	0	CORRELATION	45.603	45.583	-0.0206
729	0	CORRELATION	48.141	48.144	0.0034
1000	3	Unbiased	46.193	46.184	-0.0082
1001	3	Unbiased	47.875	47.956	0.0806
1002	3	Unbiased	46.731	46.77	0.0388
1003	3	Unbiased	46.542	46.583	0.0405
1004	3	Unbiased	48.72	48.737	0.0172
1005	3	Biased	50.291	50.333	0.0412
1006	3	Biased	49.527	49.551	0.0239
1007	3	Biased	45.508	45.5	-0.0081
1008	3	Biased	43.516	43.479	-0.037
1009	3	Biased	48.94	49.042	0.1023
1010	10	Unbiased	48.258	48.501	0.2424
1011	10	Unbiased	46.603	46.759	0.1558
1012	10	Unbiased	47.202	47.283	0.0806
1013	10	Unbiased	46.53	46.709	0.1786
1014	10	Unbiased	46.595	46.849	0.2538
1015	10	Biased	49.388	49.627	0.2391
1016	10	Biased	46.329	46.551	0.2227
1017	10	Biased	44.593	44.799	0.2057
1018	10	Biased	47.158	47.334	0.1761
1019	10	Biased	45.049	45.123	0.0744
1020	30	Unbiased	44.984	45.454	0.4697
1021	30	Unbiased	49.099	49.409	0.3105
1022	30	Unbiased	46.527	46.594	0.0672
1023	30	Unbiased	45.343	45.74	0.3979
1024	30	Unbiased	47.723	48.307	0.5844
1025	30	Biased	47.829	48.351	0.5215
1026	30	Biased	48.086	48.682	0.5958
1027	30	Biased	44.17	44.517	0.3469
1028	30	Biased	48.157	48.903	0.7466
1029	30	Biased	48.053	48.294	0.2412
1030	50	Unbiased	48.181	48.956	0.7756
1031	50	Unbiased	49.359	50.3	0.9417
1032	50	Unbiased	45.89	46.663	0.7724
1033	50	Unbiased	46.174	46.939	0.7648
1034	50	Unbiased	45.783	46.53	0.7471
1035	50	Biased-84Hr-Anneal	45.055	45.639	0.5842
1036	50	Biased-84Hr-Anneal	47.087	47.727	0.6404
1037	50	Biased-84Hr-Anneal	46.891	47.526	0.6352
1038	50	Biased-84Hr-Anneal	49.15	44.786	-4.3638
1039	50	Biased-84Hr-Anneal	44.224	49.774	5.55
1040	100	Unbiased-168Hr-Anneal	48.115	49.626	1.5107
1041	100	Unbiased-168Hr-Anneal	44.873	46.556	1.683
1042	100	Unbiased-168Hr-Anneal	47.055	48.307	1.2516
1043	100	Unbiased-168Hr-Anneal	48.539	49.833	1.2935
1044	100	Unbiased-168Hr-Anneal	45.149	46.68	1.531
1045	100	Biased-168Hr-Anneal	47.114	48.497	1.383
1046	100	Biased-168Hr-Anneal	44.841	46.777	1.9363
1047	100	Biased-168Hr-Anneal	48.95	50.254	1.3037
1048	100	Biased-168Hr-Anneal	44.879	46.316	1.4365
1049	100	Biased-168Hr-Anneal	46.797	48.553	1.7563



Test Statistics (µs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	45.355	47.503	49.511	1.9124	45.323	47.955	51.045	2.5058	-0.0319	0.45196	1.5338	0.69524
3	43.516	47.384	50.291	2.0691	43.479	47.413	50.333	2.0963	-0.037	0.02912	0.1023	0.041758
10	44.593	46.771	49.388	1.3911	44.799	46.954	49.627	1.4164	0.0744	0.18292	0.2538	0.064002
30	44.17	46.997	49.099	1.6427	44.517	47.425	49.409	1.6985	0.0672	0.42817	0.7466	0.19747
50	44.224	46.779	49.359	1.6994	44.786	47.484	50.3	1.763	-4.3638	0.70476	5.55	2.3395
100	44.841	46.631	48.95	1.6064	46.316	48.14	50.254	1.4793	1.2516	1.5086	1.9363	0.22373

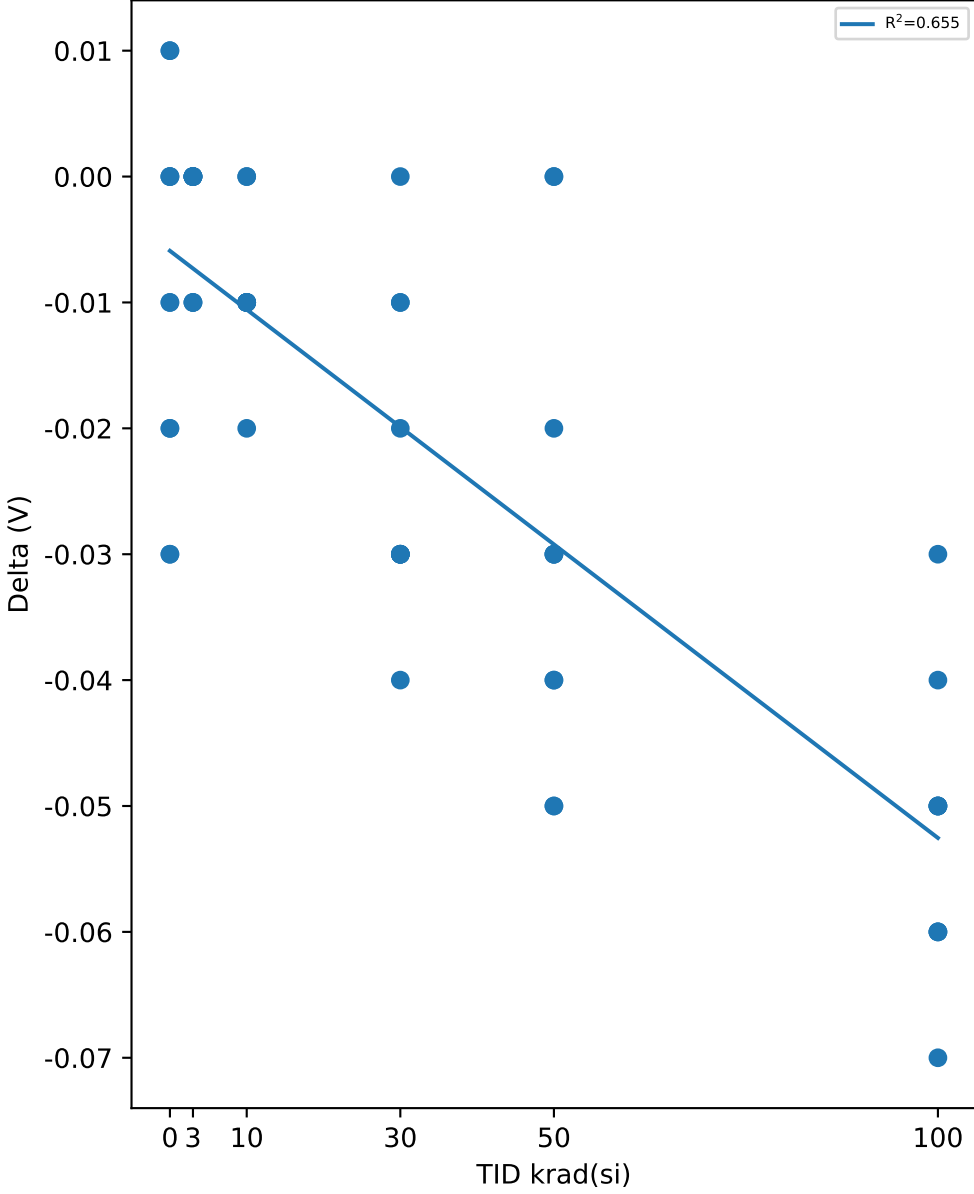
TID vs Result Stats



Test Results (Upper Limit = 1.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.4	1.37	-0.03
516	0	CORRELATION	1.39	1.36	-0.03
721	0	CORRELATION	1.39	1.39	0
723	0	CORRELATION	1.4	1.39	-0.01
729	0	CORRELATION	1.39	1.39	0
1000	3	Unbiased	1.38	1.38	0
1001	3	Unbiased	1.38	1.37	-0.01
1002	3	Unbiased	1.4	1.4	0
1003	3	Unbiased	1.38	1.37	-0.01
1004	3	Unbiased	1.38	1.38	0
1005	3	Biased	1.38	1.38	0
1006	3	Biased	1.39	1.39	0
1007	3	Biased	1.39	1.38	-0.01
1008	3	Biased	1.38	1.38	0
1009	3	Biased	1.38	1.38	0
1010	10	Unbiased	1.38	1.37	-0.01
1011	10	Unbiased	1.38	1.37	-0.01
1012	10	Unbiased	1.4	1.39	-0.01
1013	10	Unbiased	1.39	1.37	-0.02
1014	10	Unbiased	1.39	1.38	-0.01
1015	10	Biased	1.39	1.38	-0.01
1016	10	Biased	1.37	1.37	0
1017	10	Biased	1.4	1.39	-0.01
1018	10	Biased	1.4	1.39	-0.01
1019	10	Biased	1.4	1.4	0
1020	30	Unbiased	1.4	1.37	-0.03
1021	30	Unbiased	1.39	1.36	-0.03
1022	30	Unbiased	1.39	1.36	-0.03
1023	30	Unbiased	1.39	1.36	-0.03
1024	30	Unbiased	1.39	1.35	-0.04
1025	30	Biased	1.4	1.39	-0.01
1026	30	Biased	1.4	1.38	-0.02
1027	30	Biased	1.4	1.37	-0.03
1028	30	Biased	1.4	1.39	-0.01
1029	30	Biased	1.38	1.38	0
1030	50	Unbiased	1.38	1.34	-0.04
1031	50	Unbiased	1.39	1.34	-0.05
1032	50	Unbiased	1.39	1.34	-0.05
1033	50	Unbiased	1.4	1.37	-0.03
1034	50	Unbiased	1.39	1.36	-0.03
1035	50	Biased-84Hr-Anneal	1.4	1.37	-0.03
1036	50	Biased-84Hr-Anneal	1.37	1.35	-0.02
1037	50	Biased-84Hr-Anneal	1.37	1.37	0
1038	50	Biased-84Hr-Anneal	1.37	1.37	0
1039	50	Biased-84Hr-Anneal	1.39	1.35	-0.04
1040	100	Unbiased-168Hr-Anneal	1.39	1.32	-0.07
1041	100	Unbiased-168Hr-Anneal	1.4	1.35	-0.05
1042	100	Unbiased-168Hr-Anneal	1.4	1.34	-0.06
1043	100	Unbiased-168Hr-Anneal	1.4	1.34	-0.06
1044	100	Unbiased-168Hr-Anneal	1.39	1.33	-0.06
1045	100	Biased-168Hr-Anneal	1.37	1.34	-0.03
1046	100	Biased-168Hr-Anneal	1.38	1.33	-0.05
1047	100	Biased-168Hr-Anneal	1.38	1.33	-0.05
1048	100	Biased-168Hr-Anneal	1.39	1.35	-0.04
1049	100	Biased-168Hr-Anneal	1.39	1.34	-0.05

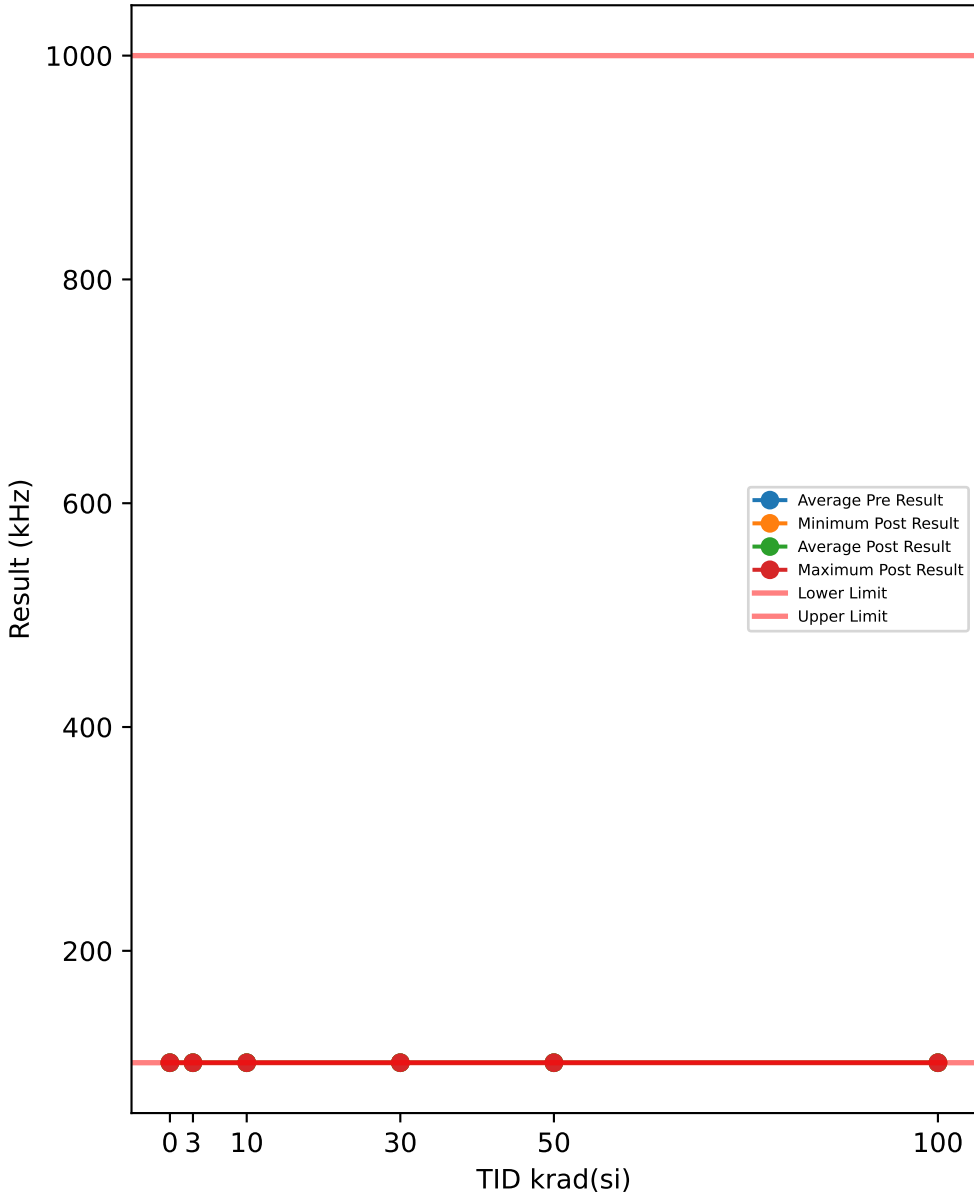
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.39	1.394	1.4	0.0054772	1.36	1.38	1.39	0.014142	-0.03	-0.014	0	0.015166
3	1.38	1.384	1.4	0.0069921	1.37	1.381	1.4	0.008756	-0.01	-0.003	0	0.0048305
10	1.37	1.39	1.4	0.010541	1.37	1.381	1.4	0.011005	-0.02	-0.009	0	0.0056765
30	1.38	1.394	1.4	0.0069921	1.35	1.371	1.39	0.013703	-0.04	-0.023	0	0.012517
50	1.37	1.385	1.4	0.011785	1.34	1.356	1.37	0.013499	-0.05	-0.029	0	0.01792
100	1.37	1.389	1.4	0.0099443	1.32	1.337	1.35	0.0094868	-0.07	-0.052	-0.03	0.011353

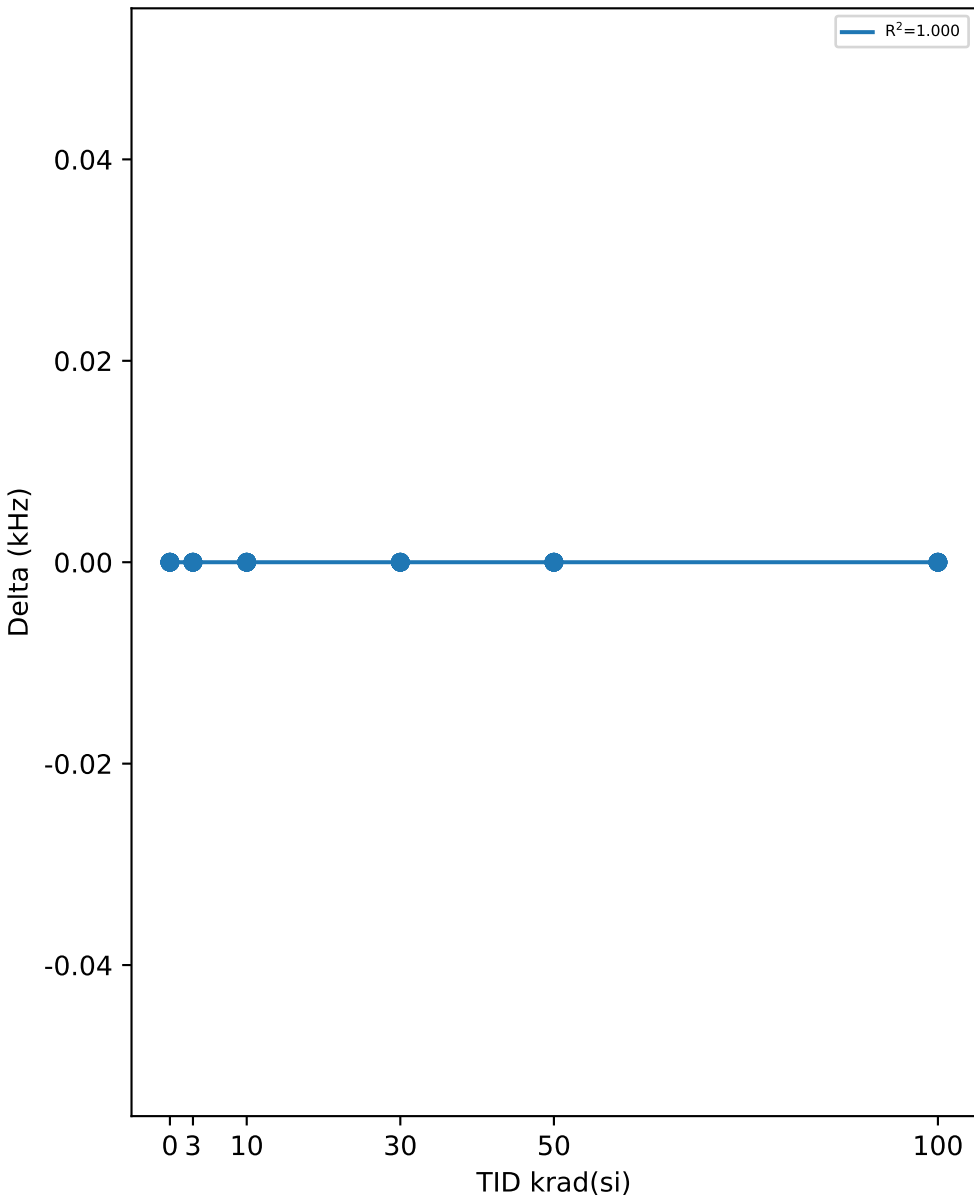
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	100	100	0
516	0	CORRELATION	100	100	0
721	0	CORRELATION	100	100	0
723	0	CORRELATION	100	100	0
729	0	CORRELATION	100	100	0
1000	3	Unbiased	100	100	0
1001	3	Unbiased	100	100	0
1002	3	Unbiased	100	100	0
1003	3	Unbiased	100	100	0
1004	3	Unbiased	100	100	0
1005	3	Biased	100	100	0
1006	3	Biased	100	100	0
1007	3	Biased	100	100	0
1008	3	Biased	100	100	0
1009	3	Biased	100	100	0
1010	10	Unbiased	100	100	0
1011	10	Unbiased	100	100	0
1012	10	Unbiased	100	100	0
1013	10	Unbiased	100	100	0
1014	10	Unbiased	100	100	0
1015	10	Biased	100	100	0
1016	10	Biased	100	100	0
1017	10	Biased	100	100	0
1018	10	Biased	100	100	0
1019	10	Biased	100	100	0
1020	30	Unbiased	100	100	0
1021	30	Unbiased	100	100	0
1022	30	Unbiased	100	100	0
1023	30	Unbiased	100	100	0
1024	30	Unbiased	100	100	0
1025	30	Biased	100	100	0
1026	30	Biased	100	100	0
1027	30	Biased	100	100	0
1028	30	Biased	100	100	0
1029	30	Biased	100	100	0
1030	50	Unbiased	100	100	0
1031	50	Unbiased	100	100	0
1032	50	Unbiased	100	100	0
1033	50	Unbiased	100	100	0
1034	50	Unbiased	100	100	0
1035	50	Biased-84Hr-Anneal	100	100	0
1036	50	Biased-84Hr-Anneal	100	100	0
1037	50	Biased-84Hr-Anneal	100	100	0
1038	50	Biased-84Hr-Anneal	100	100	0
1039	50	Biased-84Hr-Anneal	100	100	0
1040	100	Unbiased-168Hr-Anneal	100	100	0
1041	100	Unbiased-168Hr-Anneal	100	100	0
1042	100	Unbiased-168Hr-Anneal	100	100	0
1043	100	Unbiased-168Hr-Anneal	100	100	0
1044	100	Unbiased-168Hr-Anneal	100	100	0
1045	100	Biased-168Hr-Anneal	100	100	0
1046	100	Biased-168Hr-Anneal	100	100	0
1047	100	Biased-168Hr-Anneal	100	100	0
1048	100	Biased-168Hr-Anneal	100	100	0
1049	100	Biased-168Hr-Anneal	100	100	0

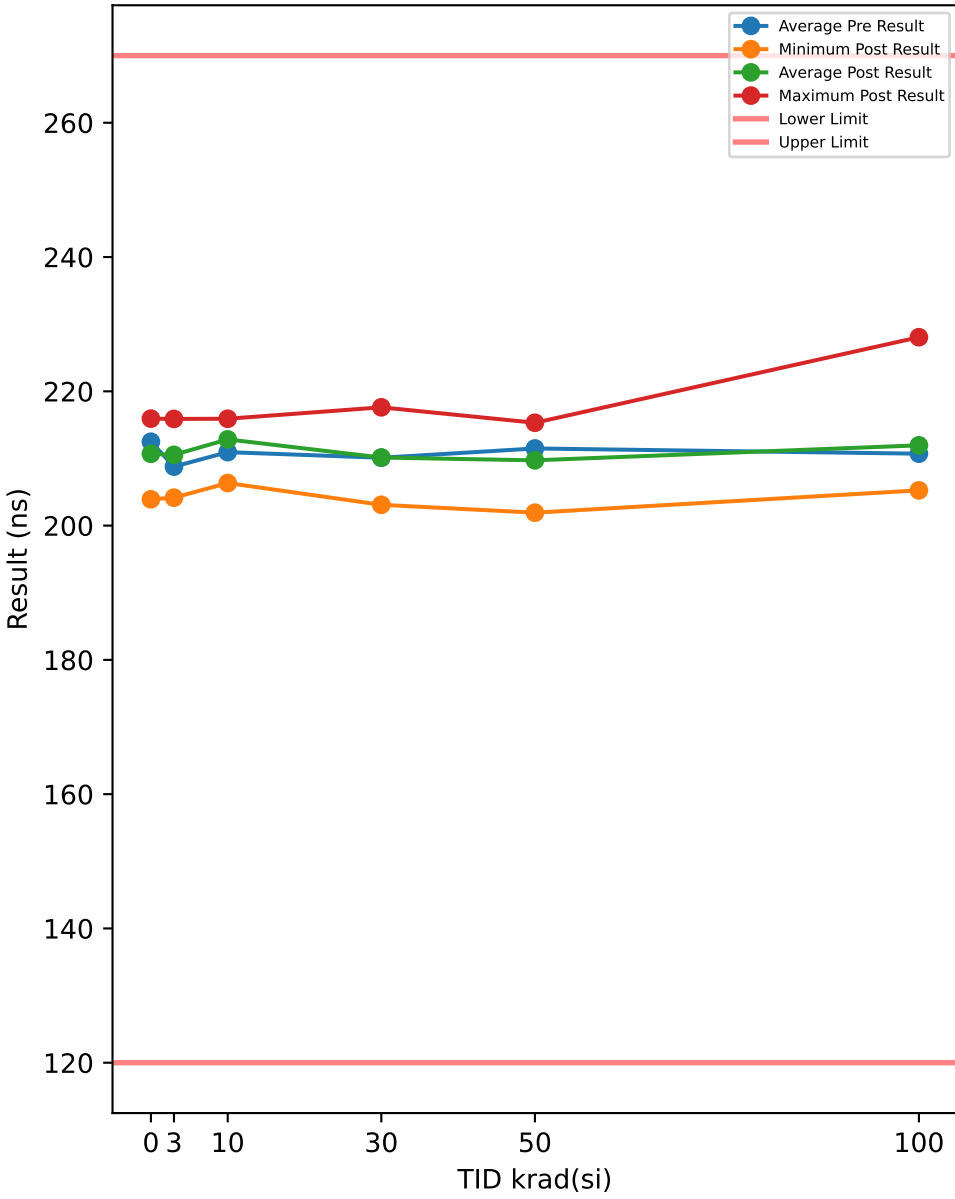
TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100	100	100	0	100	100	100	0	0	0	0	0
3	100	100	100	0	100	100	100	0	0	0	0	0
10	100	100	100	0	100	100	100	0	0	0	0	0
30	100	100	100	0	100	100	100	0	0	0	0	0
50	100	100	100	0	100	100	100	0	0	0	0	0
100	100	100	100	0	100	100	100	0	0	0	0	0

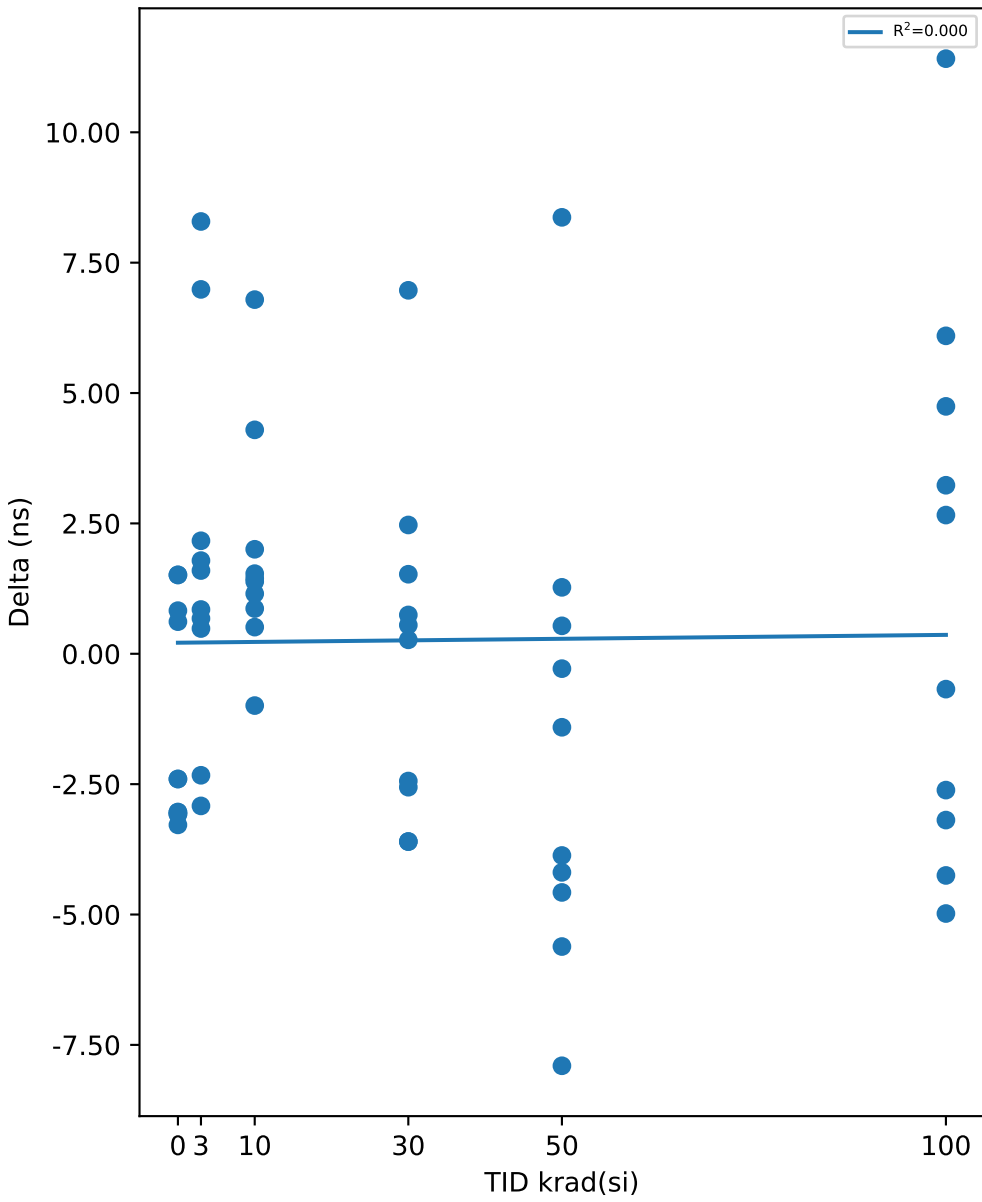
TID vs Result Stats



Test Results (Lower Limit = 120.0, Upper Limit = 270.0 (ns))

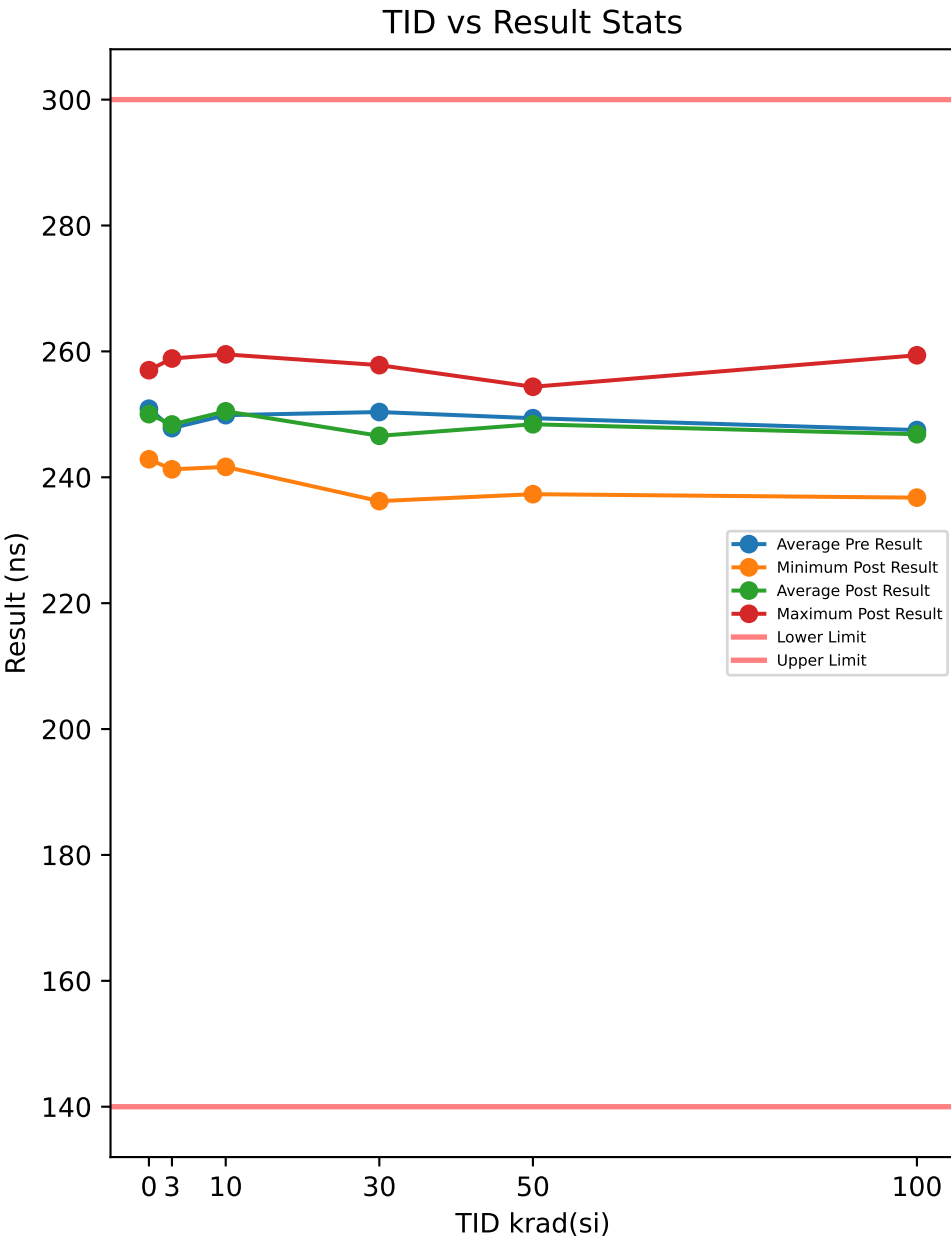
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	215.32	215.93	0.6158
516	0	CORRELATION	210.48	207.2	-3.2811
721	0	CORRELATION	212.98	213.81	0.8271
723	0	CORRELATION	206.95	208.47	1.5122
729	0	CORRELATION	216.72	214.31	-2.4012
1000	3	Unbiased	212.35	213.19	0.849
1001	3	Unbiased	202.47	204.26	1.787
1002	3	Unbiased	209.99	210.66	0.6768
1003	3	Unbiased	212.72	209.8	-2.9172
1004	3	Unbiased	207.28	214.27	6.9874
1005	3	Biased	210.79	212.96	2.1671
1006	3	Biased	210.64	212.23	1.5964
1007	3	Biased	207.5	207.98	0.4842
1008	3	Biased	206.49	204.16	-2.3299
1009	3	Biased	207.6	215.89	8.2899
1010	10	Unbiased	207.33	206.34	-0.9932
1011	10	Unbiased	209.89	211.04	1.1525
1012	10	Unbiased	209.35	213.64	4.2943
1013	10	Unbiased	211.07	212.52	1.4478
1014	10	Unbiased	213.91	215.92	2.0038
1015	10	Biased	213.37	214.75	1.3845
1016	10	Biased	213.97	214.48	0.5113
1017	10	Biased	212.49	214.03	1.5368
1018	10	Biased	210.46	211.32	0.8673
1019	10	Biased	207.57	214.37	6.7915
1020	30	Unbiased	208.82	215.79	6.9699
1021	30	Unbiased	217.07	217.62	0.5499
1022	30	Unbiased	212.8	209.2	-3.6011
1023	30	Unbiased	209.51	207.07	-2.4403
1024	30	Unbiased	209.56	205.96	-3.6007
1025	30	Biased	206.4	207.14	0.7447
1026	30	Biased	213.14	215.61	2.47
1027	30	Biased	209.07	209.34	0.2675
1028	30	Biased	213.12	210.57	-2.5585
1029	30	Biased	201.57	203.1	1.5254
1030	50	Unbiased	207.54	201.92	-5.6139
1031	50	Unbiased	209.7	208.29	-1.4093
1032	50	Unbiased	210.48	206.29	-4.1916
1033	50	Unbiased	213.93	210.06	-3.8677
1034	50	Unbiased	213.96	209.38	-4.5764
1035	50	Biased-84Hr-Anneal	214.04	215.32	1.274
1036	50	Biased-84Hr-Anneal	210.79	211.33	0.5359
1037	50	Biased-84Hr-Anneal	211.46	211.17	-0.2851
1038	50	Biased-84Hr-Anneal	206.32	214.69	8.3693
1039	50	Biased-84Hr-Anneal	216.66	208.76	-7.9004
1040	100	Unbiased-168Hr-Anneal	207.4	206.72	-0.6779
1041	100	Unbiased-168Hr-Anneal	208.44	205.25	-3.1889
1042	100	Unbiased-168Hr-Anneal	215.58	210.6	-4.9808
1043	100	Unbiased-168Hr-Anneal	215.81	211.56	-4.2506
1044	100	Unbiased-168Hr-Anneal	215.21	212.59	-2.6141
1045	100	Biased-168Hr-Anneal	209.82	215.91	6.0969
1046	100	Biased-168Hr-Anneal	209.11	211.77	2.66
1047	100	Biased-168Hr-Anneal	216.65	228.06	11.412
1048	100	Biased-168Hr-Anneal	206.27	209.5	3.2317
1049	100	Biased-168Hr-Anneal	202.85	207.59	4.7442

TID vs Post - Pre Exposure Delta



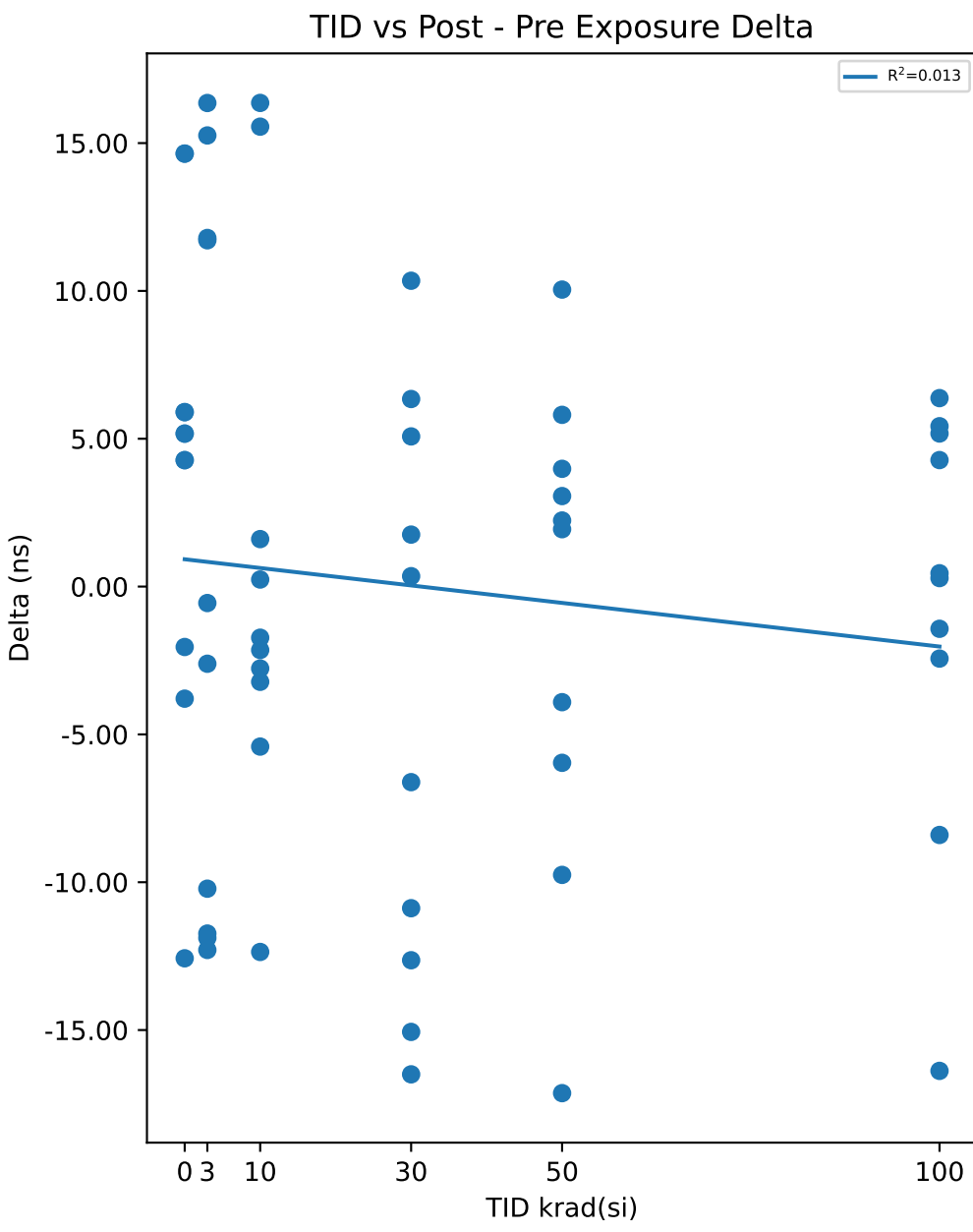
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	206.95	212.49	216.72	3.8975	207.2	211.94	215.93	3.8593	-3.2811	-0.54544	1.5122	2.1444
3	202.47	208.78	212.72	3.119	204.16	210.54	215.89	4.0212	-2.9172	1.7591	8.2899	3.5339
10	207.33	210.94	213.97	2.4616	206.34	212.84	215.92	2.7501	-0.9932	1.8997	6.7915	2.1653
30	201.57	210.11	217.07	4.2688	203.1	210.14	217.62	4.7716	-3.6011	0.03268	6.9699	3.2721
50	206.32	211.49	216.66	3.2024	201.92	209.72	215.32	3.8937	-7.9004	-1.7665	8.3693	4.5974
100	202.85	210.71	216.65	4.7871	205.25	211.96	228.06	6.4533	-4.9808	1.2432	11.412	5.2948



Test Results (Lower Limit = 140.0, Upper Limit = 300.0 (ns))

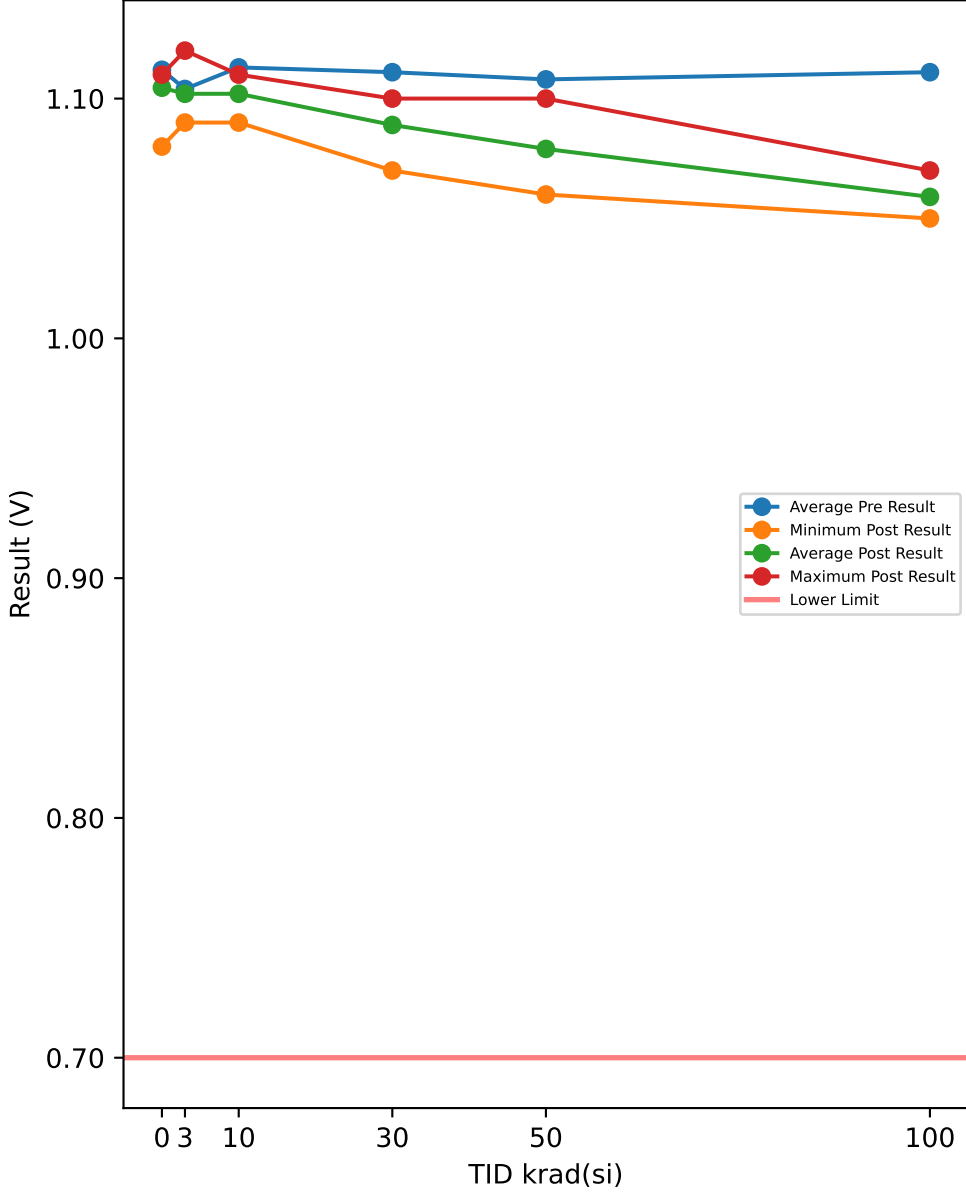
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	259.06	257.01	-2.0437
516	0	CORRELATION	254.89	251.1	-3.7915
721	0	CORRELATION	255.75	243.17	-12.574
723	0	CORRELATION	237.69	252.33	14.645
729	0	CORRELATION	247.09	251.37	4.276
1000	3	Unbiased	254.95	243.07	-11.885
1001	3	Unbiased	232.82	249.17	16.356
1002	3	Unbiased	252.18	251.62	-0.5571
1003	3	Unbiased	258.58	246.85	-11.737
1004	3	Unbiased	247.16	258.87	11.712
1005	3	Biased	241.88	257.14	15.259
1006	3	Biased	253.56	241.27	-12.291
1007	3	Biased	237.91	249.7	11.791
1008	3	Biased	251.72	241.5	-10.219
1009	3	Biased	247.33	244.72	-2.6103
1010	10	Unbiased	252.52	250.79	-1.7298
1011	10	Unbiased	255.39	253.25	-2.146
1012	10	Unbiased	248.55	250.16	1.6059
1013	10	Unbiased	254.01	241.65	-12.359
1014	10	Unbiased	243.97	259.53	15.556
1015	10	Biased	242.49	258.85	16.359
1016	10	Biased	256.72	251.31	-5.4125
1017	10	Biased	242.87	243.11	0.2382
1018	10	Biased	255.63	252.86	-2.7709
1019	10	Biased	246.53	243.3	-3.2214
1020	30	Unbiased	247.47	257.82	10.344
1021	30	Unbiased	259.95	247.31	-12.639
1022	30	Unbiased	257.43	246.55	-10.879
1023	30	Unbiased	253.99	237.49	-16.499
1024	30	Unbiased	240.01	246.36	6.3441
1025	30	Biased	251.28	236.21	-15.063
1026	30	Biased	255.61	257.37	1.7579
1027	30	Biased	239.09	239.44	0.3515
1028	30	Biased	256.69	250.08	-6.6152
1029	30	Biased	242.15	247.23	5.0789
1030	50	Unbiased	252.02	242.26	-9.7522
1031	50	Unbiased	249.66	252.72	3.0613
1032	50	Unbiased	254.45	237.31	-17.134
1033	50	Unbiased	244.39	250.2	5.8087
1034	50	Unbiased	258.16	254.25	-3.9101
1035	50	Biased-84Hr-Anneal	242.28	244.51	2.2346
1036	50	Biased-84Hr-Anneal	248.87	252.85	3.983
1037	50	Biased-84Hr-Anneal	240.55	242.49	1.9406
1038	50	Biased-84Hr-Anneal	244.33	254.38	10.045
1039	50	Biased-84Hr-Anneal	259.19	253.23	-5.9612
1040	100	Unbiased-168Hr-Anneal	248.2	248.65	0.45
1041	100	Unbiased-168Hr-Anneal	253.15	236.77	-16.381
1042	100	Unbiased-168Hr-Anneal	260.13	251.73	-8.4017
1043	100	Unbiased-168Hr-Anneal	245.74	243.3	-2.4359
1044	100	Unbiased-168Hr-Anneal	259.21	257.78	-1.4281
1045	100	Biased-168Hr-Anneal	247.51	247.79	0.2869
1046	100	Biased-168Hr-Anneal	237.49	242.91	5.4234
1047	100	Biased-168Hr-Anneal	255.11	259.38	4.2784
1048	100	Biased-168Hr-Anneal	236.18	241.35	5.1766
1049	100	Biased-168Hr-Anneal	232.34	238.71	6.3744



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	237.69	250.9	259.06	8.588	243.17	251	257.01	4.9838	-12.574	0.10236	14.645	10.116
3	232.82	247.81	258.58	8.1178	241.27	248.39	258.87	6.1603	-12.291	0.58189	16.356	12.087
10	242.49	249.87	256.72	5.6367	241.65	250.48	259.53	6.2356	-12.359	0.61198	16.359	8.9206
30	239.09	250.37	259.95	7.6988	236.21	246.59	257.82	7.4308	-16.499	-3.7818	10.344	9.7422
50	240.55	249.39	259.19	6.5413	237.31	248.42	254.38	6.1964	-17.134	-0.96845	10.045	8.1566
100	232.34	247.5	260.13	9.7091	236.77	246.84	259.38	7.6797	-16.381	-0.66574	6.3744	7.133

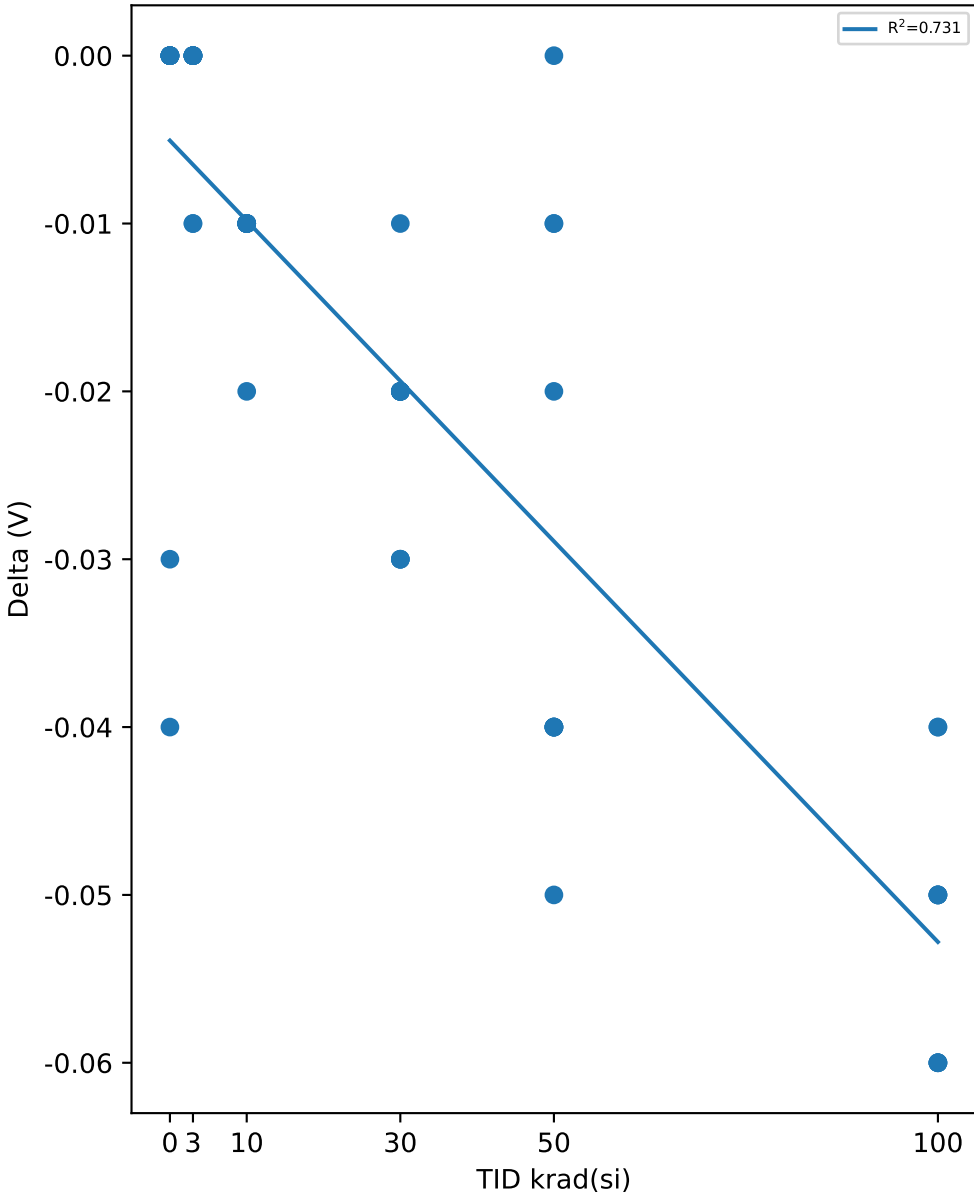
TID vs Result Stats



Test Results (Lower Limit = 0.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.12	1.08	-0.04
516	0	CORRELATION	1.11	1.08	-0.03
721	0	CORRELATION	1.11	1.11	0
723	0	CORRELATION	1.11	1.11	0
729	0	CORRELATION	1.11	1.11	0
1000	3	Unbiased	1.09	1.09	0
1001	3	Unbiased	1.11	1.1	-0.01
1002	3	Unbiased	1.12	1.12	0
1003	3	Unbiased	1.1	1.1	0
1004	3	Unbiased	1.1	1.1	0
1005	3	Biased	1.1	1.1	0
1006	3	Biased	1.11	1.11	0
1007	3	Biased	1.11	1.1	-0.01
1008	3	Biased	1.1	1.1	0
1009	3	Biased	1.1	1.1	0
1010	10	Unbiased	1.11	1.1	-0.01
1011	10	Unbiased	1.11	1.1	-0.01
1012	10	Unbiased	1.12	1.11	-0.01
1013	10	Unbiased	1.1	1.09	-0.01
1014	10	Unbiased	1.12	1.1	-0.02
1015	10	Biased	1.11	1.1	-0.01
1016	10	Biased	1.1	1.09	-0.01
1017	10	Biased	1.12	1.11	-0.01
1018	10	Biased	1.12	1.11	-0.01
1019	10	Biased	1.12	1.11	-0.01
1020	30	Unbiased	1.12	1.09	-0.03
1021	30	Unbiased	1.1	1.07	-0.03
1022	30	Unbiased	1.11	1.08	-0.03
1023	30	Unbiased	1.11	1.09	-0.02
1024	30	Unbiased	1.1	1.08	-0.02
1025	30	Biased	1.12	1.1	-0.02
1026	30	Biased	1.12	1.1	-0.02
1027	30	Biased	1.11	1.09	-0.02
1028	30	Biased	1.12	1.1	-0.02
1029	30	Biased	1.1	1.09	-0.01
1030	50	Unbiased	1.11	1.07	-0.04
1031	50	Unbiased	1.11	1.07	-0.04
1032	50	Unbiased	1.11	1.06	-0.05
1033	50	Unbiased	1.12	1.08	-0.04
1034	50	Unbiased	1.11	1.07	-0.04
1035	50	Biased-84Hr-Anneal	1.12	1.1	-0.02
1036	50	Biased-84Hr-Anneal	1.09	1.08	-0.01
1037	50	Biased-84Hr-Anneal	1.09	1.08	-0.01
1038	50	Biased-84Hr-Anneal	1.1	1.1	0
1039	50	Biased-84Hr-Anneal	1.12	1.08	-0.04
1040	100	Unbiased-168Hr-Anneal	1.11	1.05	-0.06
1041	100	Unbiased-168Hr-Anneal	1.12	1.06	-0.06
1042	100	Unbiased-168Hr-Anneal	1.11	1.05	-0.06
1043	100	Unbiased-168Hr-Anneal	1.12	1.07	-0.05
1044	100	Unbiased-168Hr-Anneal	1.11	1.05	-0.06
1045	100	Biased-168Hr-Anneal	1.1	1.05	-0.05
1046	100	Biased-168Hr-Anneal	1.1	1.06	-0.04
1047	100	Biased-168Hr-Anneal	1.1	1.06	-0.04
1048	100	Biased-168Hr-Anneal	1.12	1.07	-0.05
1049	100	Biased-168Hr-Anneal	1.12	1.07	-0.05

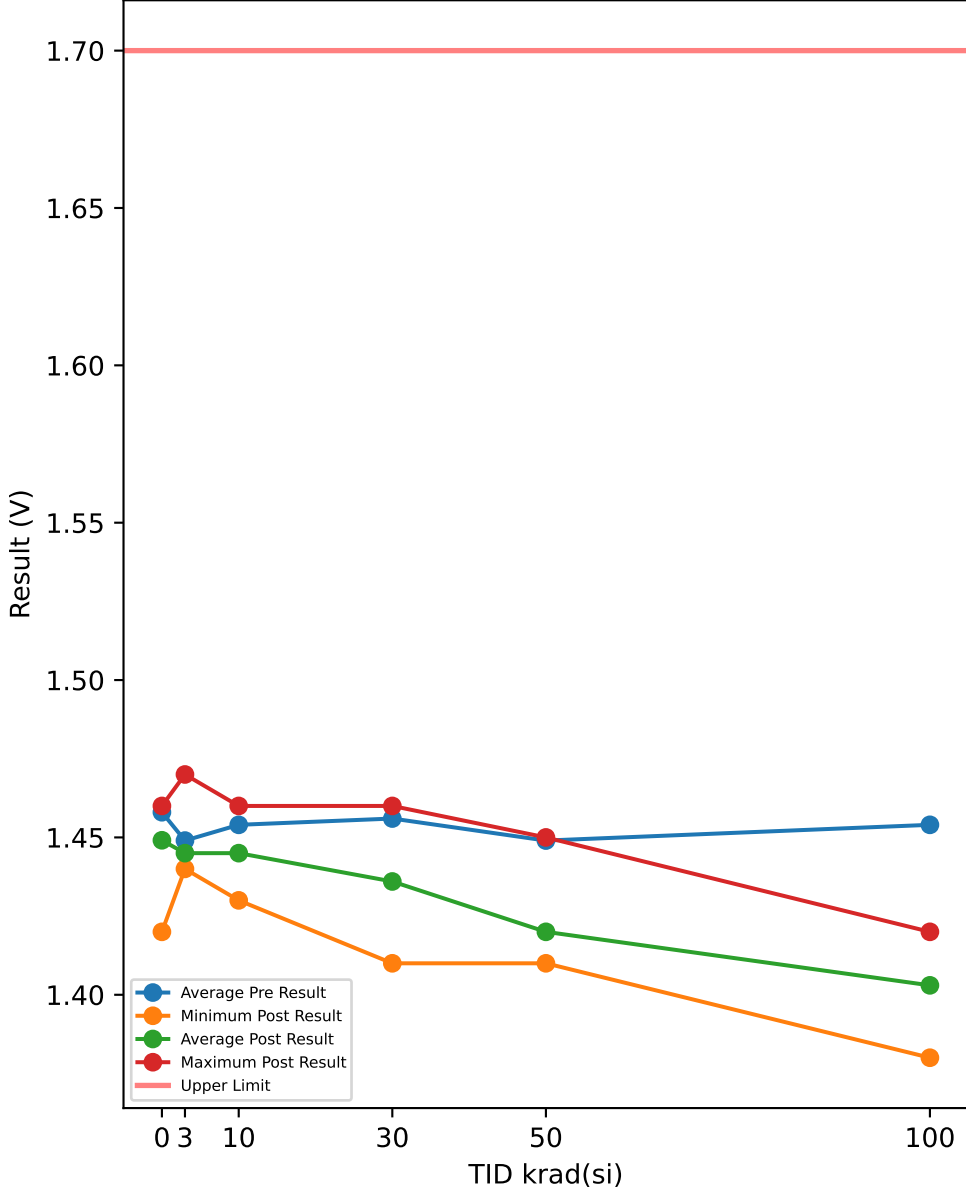
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.11	1.112	1.12	0.0044721	1.08	1.098	1.11	0.016432	-0.04	-0.014	0	0.019494
3	1.09	1.104	1.12	0.0084327	1.09	1.102	1.12	0.0078881	-0.01	-0.002	0	0.0042164
10	1.1	1.113	1.12	0.0082327	1.09	1.102	1.11	0.0078881	-0.02	-0.011	-0.01	0.0031623
30	1.1	1.111	1.12	0.008756	1.07	1.089	1.1	0.0099443	-0.03	-0.022	-0.01	0.0063246
50	1.09	1.108	1.12	0.011353	1.06	1.079	1.1	0.012867	-0.05	-0.029	0	0.017288
100	1.1	1.111	1.12	0.008756	1.05	1.059	1.07	0.008756	-0.06	-0.052	-0.04	0.0078881

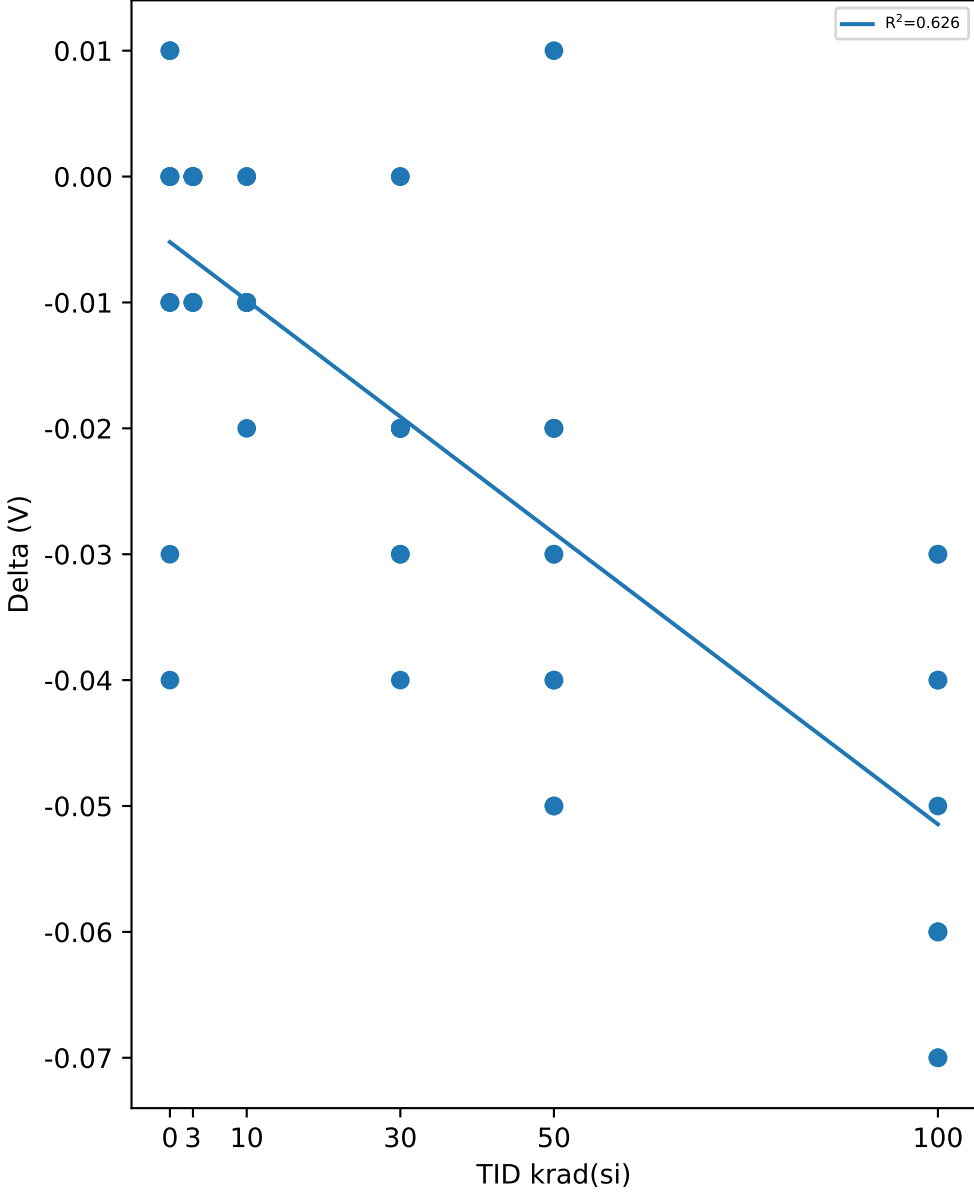
TID vs Result Stats



Test Results (Upper Limit = 1.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.46	1.43	-0.03
516	0	CORRELATION	1.46	1.42	-0.04
721	0	CORRELATION	1.46	1.45	-0.01
723	0	CORRELATION	1.45	1.46	0.01
729	0	CORRELATION	1.46	1.46	0
1000	3	Unbiased	1.44	1.44	0
1001	3	Unbiased	1.45	1.44	-0.01
1002	3	Unbiased	1.47	1.47	0
1003	3	Unbiased	1.45	1.44	-0.01
1004	3	Unbiased	1.44	1.44	0
1005	3	Biased	1.44	1.44	0
1006	3	Biased	1.45	1.45	0
1007	3	Biased	1.45	1.44	-0.01
1008	3	Biased	1.45	1.44	-0.01
1009	3	Biased	1.45	1.45	0
1010	10	Unbiased	1.44	1.44	0
1011	10	Unbiased	1.45	1.44	-0.01
1012	10	Unbiased	1.46	1.44	-0.02
1013	10	Unbiased	1.45	1.44	-0.01
1014	10	Unbiased	1.46	1.45	-0.01
1015	10	Biased	1.46	1.45	-0.01
1016	10	Biased	1.44	1.43	-0.01
1017	10	Biased	1.46	1.45	-0.01
1018	10	Biased	1.46	1.45	-0.01
1019	10	Biased	1.46	1.46	0
1020	30	Unbiased	1.47	1.44	-0.03
1021	30	Unbiased	1.45	1.43	-0.02
1022	30	Unbiased	1.45	1.43	-0.02
1023	30	Unbiased	1.45	1.42	-0.03
1024	30	Unbiased	1.45	1.41	-0.04
1025	30	Biased	1.47	1.45	-0.02
1026	30	Biased	1.47	1.45	-0.02
1027	30	Biased	1.45	1.43	-0.02
1028	30	Biased	1.46	1.46	0
1029	30	Biased	1.44	1.44	0
1030	50	Unbiased	1.45	1.41	-0.04
1031	50	Unbiased	1.45	1.42	-0.03
1032	50	Unbiased	1.45	1.41	-0.04
1033	50	Unbiased	1.47	1.42	-0.05
1034	50	Unbiased	1.46	1.41	-0.05
1035	50	Biased-84Hr-Anneal	1.45	1.43	-0.02
1036	50	Biased-84Hr-Anneal	1.43	1.41	-0.02
1037	50	Biased-84Hr-Anneal	1.44	1.41	-0.03
1038	50	Biased-84Hr-Anneal	1.44	1.45	0.01
1039	50	Biased-84Hr-Anneal	1.45	1.43	-0.02
1040	100	Unbiased-168Hr-Anneal	1.45	1.38	-0.07
1041	100	Unbiased-168Hr-Anneal	1.46	1.4	-0.06
1042	100	Unbiased-168Hr-Anneal	1.46	1.39	-0.07
1043	100	Unbiased-168Hr-Anneal	1.46	1.42	-0.04
1044	100	Unbiased-168Hr-Anneal	1.46	1.4	-0.06
1045	100	Biased-168Hr-Anneal	1.43	1.39	-0.04
1046	100	Biased-168Hr-Anneal	1.46	1.41	-0.05
1047	100	Biased-168Hr-Anneal	1.44	1.41	-0.03
1048	100	Biased-168Hr-Anneal	1.47	1.41	-0.06
1049	100	Biased-168Hr-Anneal	1.45	1.42	-0.03

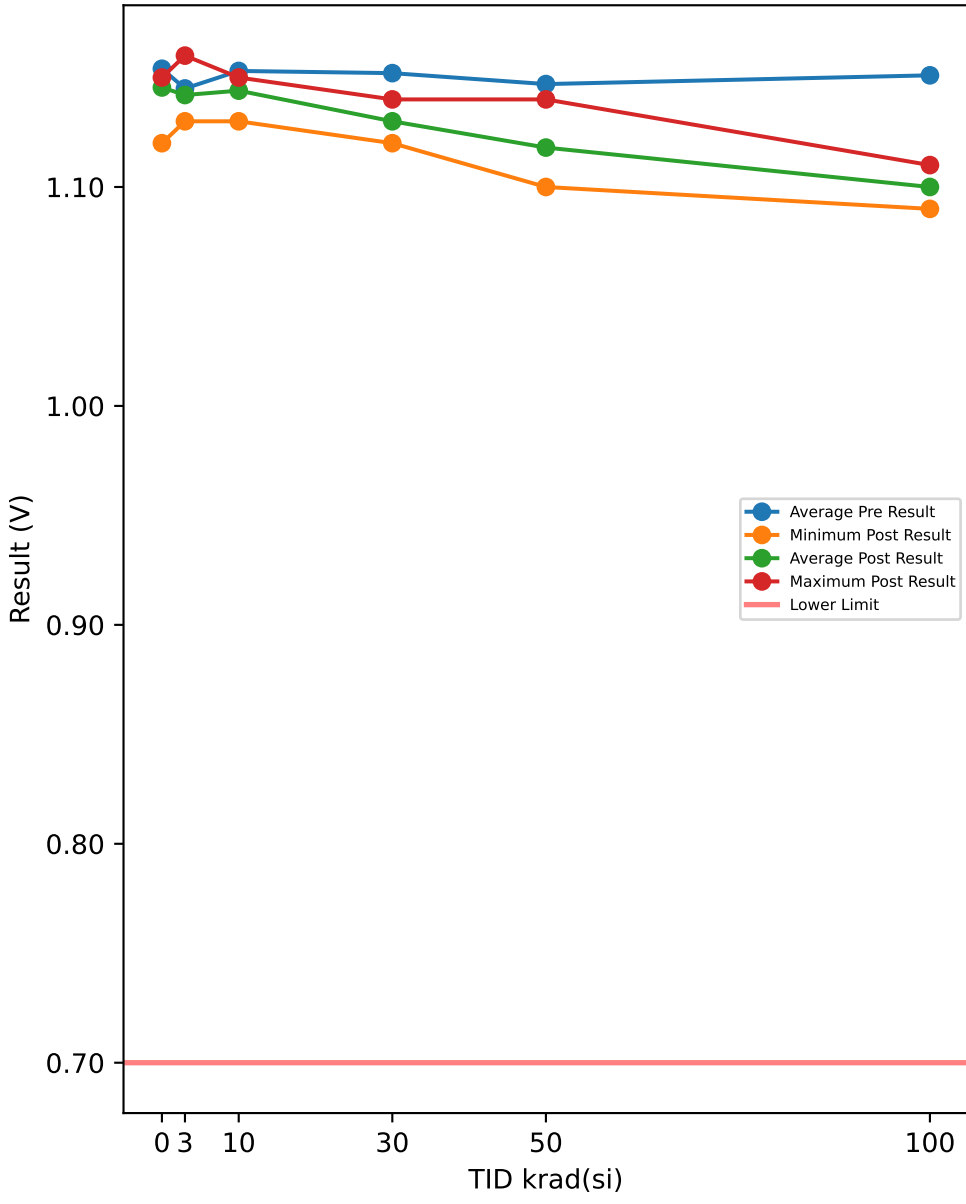
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.45	1.458	1.46	0.0044721	1.42	1.444	1.46	0.018166	-0.04	-0.014	0.01	0.020736
3	1.44	1.449	1.47	0.008756	1.44	1.445	1.47	0.0097183	-0.01	-0.004	0	0.005164
10	1.44	1.454	1.46	0.0084327	1.43	1.445	1.46	0.0084984	-0.02	-0.009	0	0.0056765
30	1.44	1.456	1.47	0.01075	1.41	1.436	1.46	0.015055	-0.04	-0.02	0	0.012472
50	1.43	1.449	1.47	0.011005	1.41	1.42	1.45	0.013333	-0.05	-0.029	0.01	0.01792
100	1.43	1.454	1.47	0.011738	1.38	1.403	1.42	0.013375	-0.07	-0.051	-0.03	0.015239

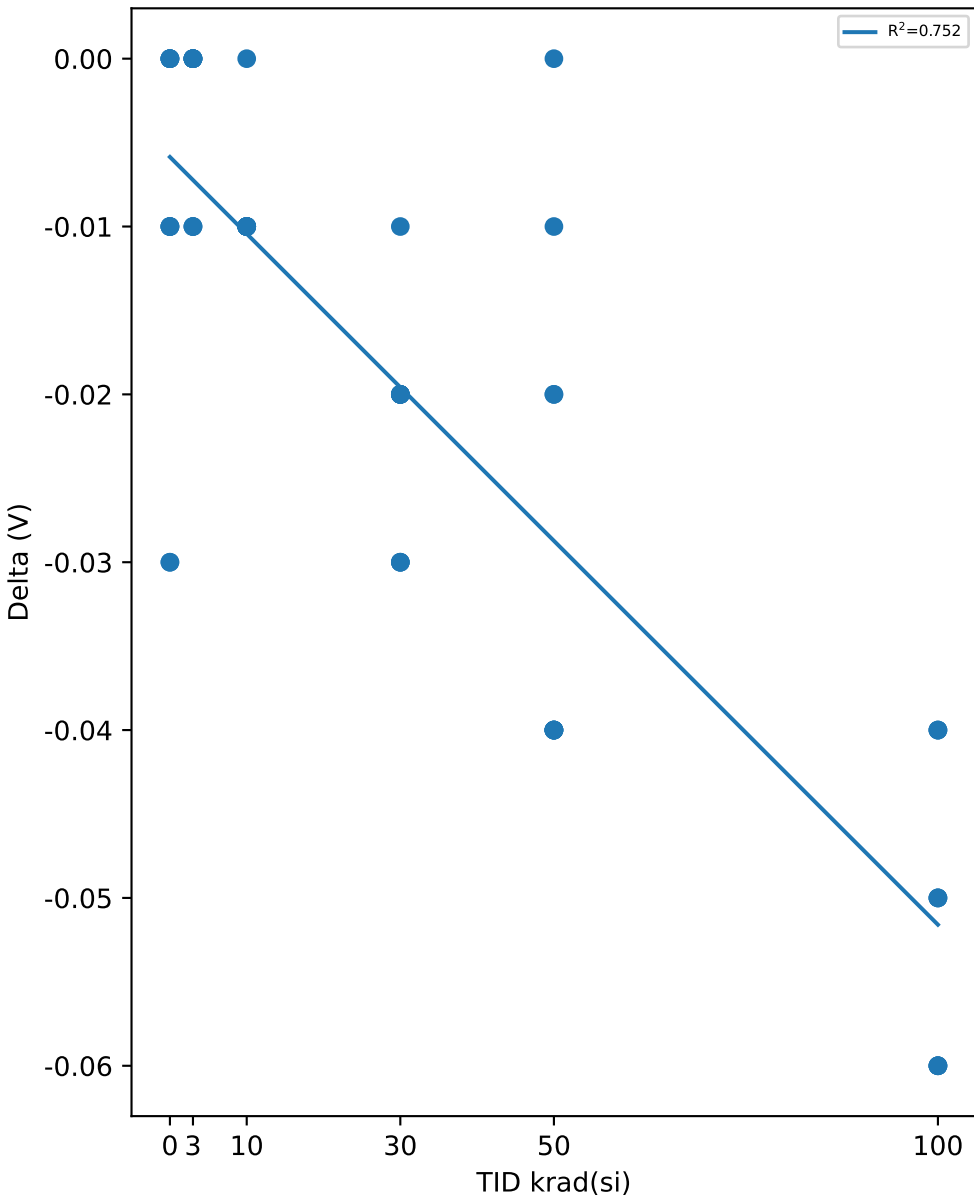
TID vs Result Stats



Test Results (Lower Limit = 0.7 (V))

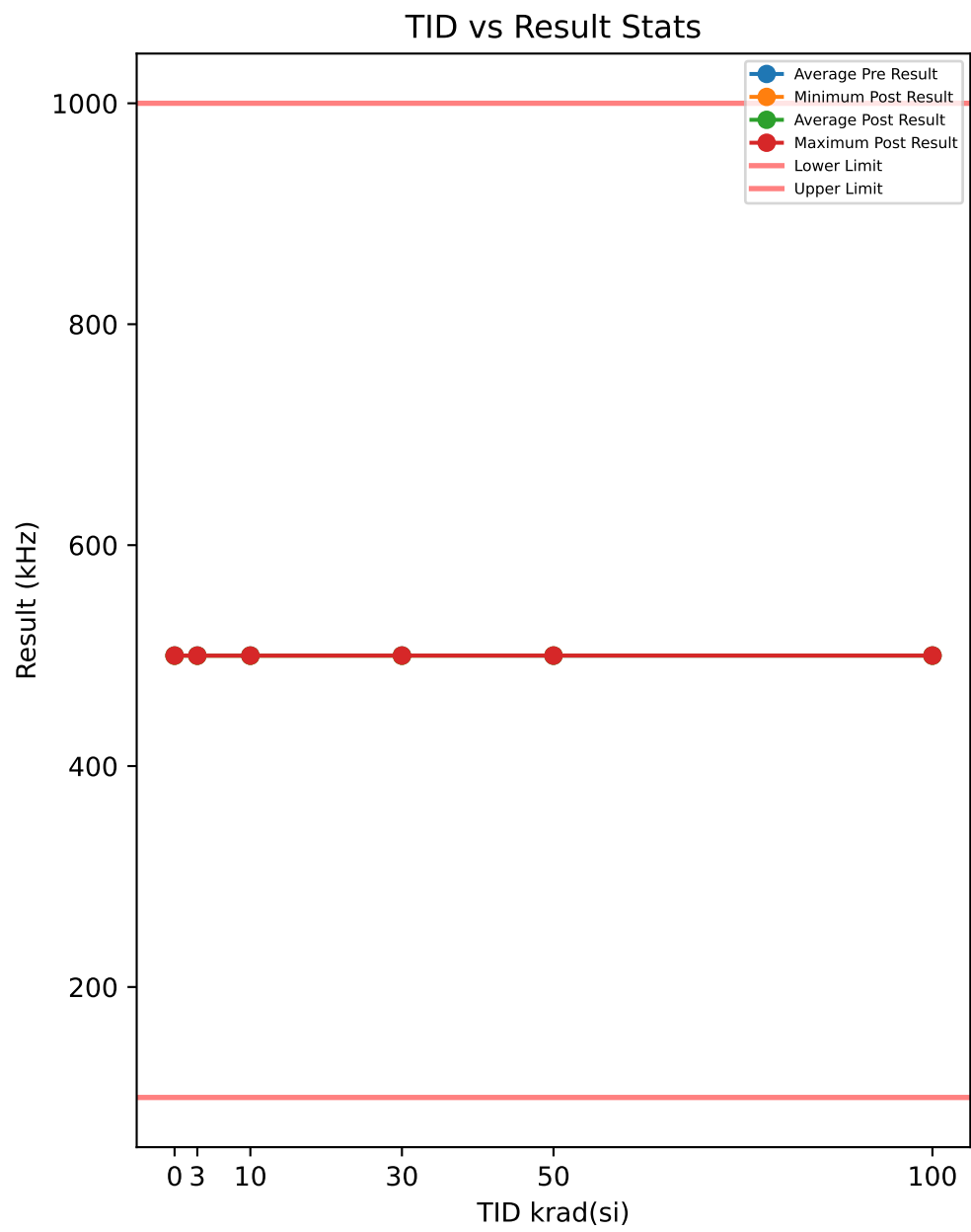
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.16	1.13	-0.03
516	0	CORRELATION	1.15	1.12	-0.03
721	0	CORRELATION	1.15	1.15	0
723	0	CORRELATION	1.15	1.15	0
729	0	CORRELATION	1.16	1.15	-0.01
1000	3	Unbiased	1.14	1.13	-0.01
1001	3	Unbiased	1.15	1.14	-0.01
1002	3	Unbiased	1.16	1.16	0
1003	3	Unbiased	1.14	1.14	0
1004	3	Unbiased	1.14	1.14	0
1005	3	Biased	1.14	1.14	0
1006	3	Biased	1.15	1.15	0
1007	3	Biased	1.15	1.14	-0.01
1008	3	Biased	1.14	1.14	0
1009	3	Biased	1.14	1.14	0
1010	10	Unbiased	1.15	1.14	-0.01
1011	10	Unbiased	1.15	1.14	-0.01
1012	10	Unbiased	1.16	1.15	-0.01
1013	10	Unbiased	1.14	1.13	-0.01
1014	10	Unbiased	1.16	1.15	-0.01
1015	10	Biased	1.15	1.15	0
1016	10	Biased	1.14	1.13	-0.01
1017	10	Biased	1.16	1.15	-0.01
1018	10	Biased	1.16	1.15	-0.01
1019	10	Biased	1.16	1.15	-0.01
1020	30	Unbiased	1.16	1.13	-0.03
1021	30	Unbiased	1.14	1.12	-0.02
1022	30	Unbiased	1.15	1.12	-0.03
1023	30	Unbiased	1.15	1.13	-0.02
1024	30	Unbiased	1.15	1.12	-0.03
1025	30	Biased	1.16	1.14	-0.02
1026	30	Biased	1.16	1.14	-0.02
1027	30	Biased	1.15	1.13	-0.02
1028	30	Biased	1.16	1.14	-0.02
1029	30	Biased	1.14	1.13	-0.01
1030	50	Unbiased	1.15	1.11	-0.04
1031	50	Unbiased	1.15	1.11	-0.04
1032	50	Unbiased	1.14	1.1	-0.04
1033	50	Unbiased	1.16	1.12	-0.04
1034	50	Unbiased	1.15	1.11	-0.04
1035	50	Biased-84Hr-Anneal	1.16	1.14	-0.02
1036	50	Biased-84Hr-Anneal	1.13	1.11	-0.02
1037	50	Biased-84Hr-Anneal	1.13	1.12	-0.01
1038	50	Biased-84Hr-Anneal	1.14	1.14	0
1039	50	Biased-84Hr-Anneal	1.16	1.12	-0.04
1040	100	Unbiased-168Hr-Anneal	1.15	1.09	-0.06
1041	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1042	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1043	100	Unbiased-168Hr-Anneal	1.16	1.11	-0.05
1044	100	Unbiased-168Hr-Anneal	1.15	1.09	-0.06
1045	100	Biased-168Hr-Anneal	1.13	1.09	-0.04
1046	100	Biased-168Hr-Anneal	1.14	1.1	-0.04
1047	100	Biased-168Hr-Anneal	1.14	1.1	-0.04
1048	100	Biased-168Hr-Anneal	1.16	1.11	-0.05
1049	100	Biased-168Hr-Anneal	1.16	1.11	-0.05

TID vs Post - Pre Exposure Delta



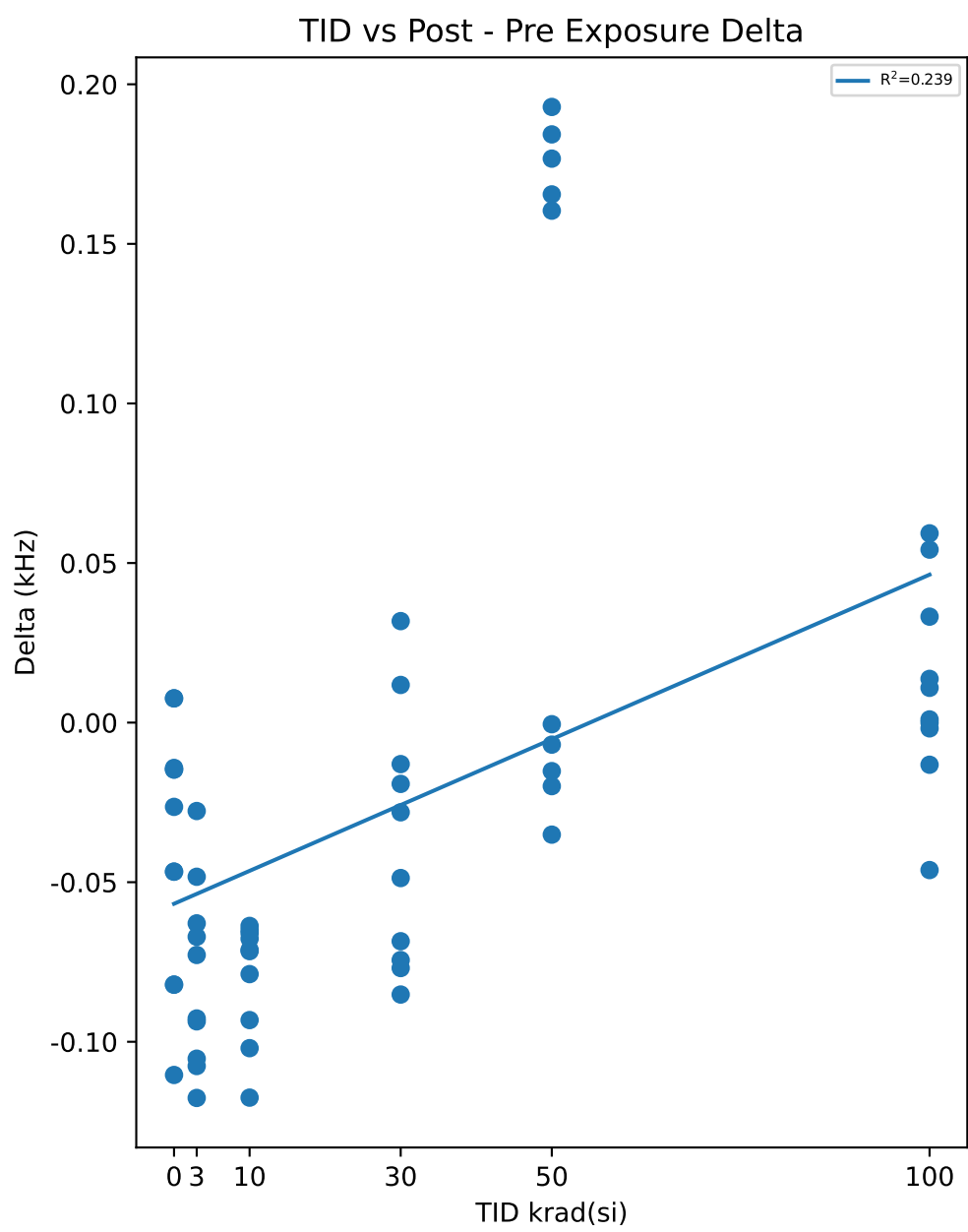
Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.15	1.154	1.16	0.0054772	1.12	1.14	1.15	0.014142	-0.03	-0.014	0	0.015166
3	1.14	1.145	1.16	0.0070711	1.13	1.142	1.16	0.0078881	-0.01	-0.003	0	0.0048305
10	1.14	1.153	1.16	0.0082327	1.13	1.144	1.15	0.0084327	-0.01	-0.009	0	0.0031623
30	1.14	1.152	1.16	0.0078881	1.12	1.13	1.14	0.008165	-0.03	-0.022	-0.01	0.0063246
50	1.13	1.147	1.16	0.011595	1.1	1.118	1.14	0.013166	-0.04	-0.029	0	0.015239
100	1.13	1.151	1.16	0.011005	1.09	1.1	1.11	0.008165	-0.06	-0.051	-0.04	0.008756



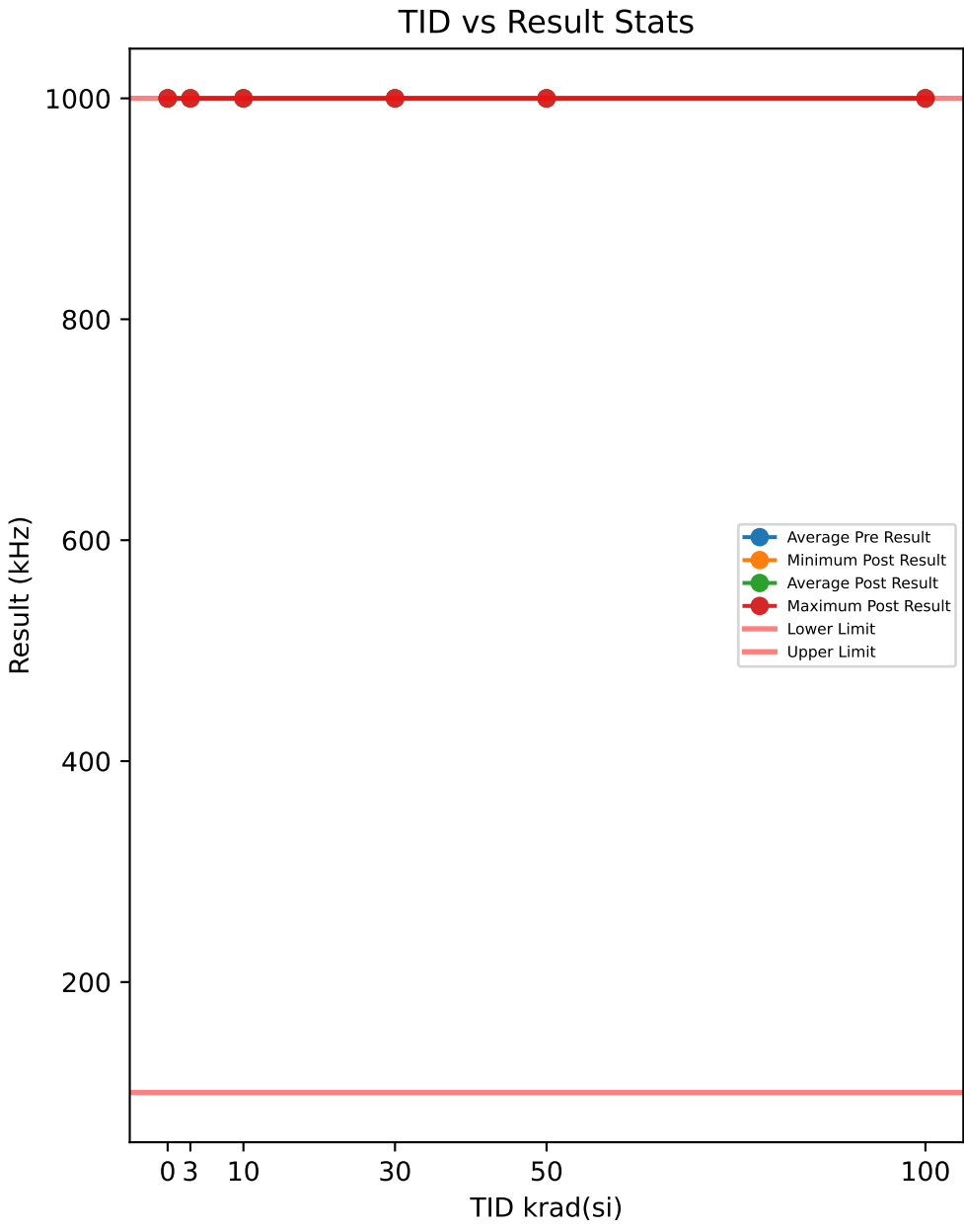
Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	500.05	500.04	-0.0142
516	0	CORRELATION	500.06	500.03	-0.0264
721	0	CORRELATION	500.05	499.94	-0.1104
723	0	CORRELATION	500.03	499.94	-0.0821
729	0	CORRELATION	500.02	499.97	-0.0467
1000	3	Unbiased	500.04	499.92	-0.1176
1001	3	Unbiased	500.01	499.96	-0.0483
1002	3	Unbiased	500.04	499.98	-0.0629
1003	3	Unbiased	500.08	499.99	-0.0936
1004	3	Unbiased	500.04	499.97	-0.0728
1005	3	Biased	500.01	499.98	-0.0277
1006	3	Biased	500.04	499.93	-0.1076
1007	3	Biased	500.03	499.97	-0.0671
1008	3	Biased	500.07	499.98	-0.0927
1009	3	Biased	500.04	499.94	-0.1053
1010	10	Unbiased	500.02	499.96	-0.0637
1011	10	Unbiased	500.04	499.95	-0.0932
1012	10	Unbiased	500.06	499.98	-0.0788
1013	10	Unbiased	500.05	499.93	-0.1175
1014	10	Unbiased	500.01	499.95	-0.066
1015	10	Biased	500.02	499.95	-0.0712
1016	10	Biased	500.04	499.98	-0.065
1017	10	Biased	500	499.93	-0.0716
1018	10	Biased	500.06	500	-0.0677
1019	10	Biased	500.04	499.93	-0.102
1020	30	Unbiased	500.05	499.97	-0.0744
1021	30	Unbiased	500.03	499.95	-0.0852
1022	30	Unbiased	500.05	499.98	-0.0685
1023	30	Unbiased	500.05	500.06	0.0118
1024	30	Unbiased	500.02	500.06	0.0318
1025	30	Biased	500.02	499.94	-0.0769
1026	30	Biased	500.03	499.98	-0.0487
1027	30	Biased	499.99	499.98	-0.013
1028	30	Biased	500.05	500.03	-0.0192
1029	30	Biased	500.04	500.02	-0.0281
1030	50	Unbiased	500.05	500.04	-0.0069
1031	50	Unbiased	500.05	500.03	-0.0199
1032	50	Unbiased	500.04	500.03	-0.0152
1033	50	Unbiased	500.04	500.04	-0.0005
1034	50	Unbiased	500.08	500.05	-0.0351
1035	50	Biased-84Hr-Anneal	499.84	500.02	0.1767
1036	50	Biased-84Hr-Anneal	499.84	500.03	0.1843
1037	50	Biased-84Hr-Anneal	499.84	500.01	0.1655
1038	50	Biased-84Hr-Anneal	499.88	500.04	0.1604
1039	50	Biased-84Hr-Anneal	499.85	500.04	0.1929
1040	100	Unbiased-168Hr-Anneal	500.06	500.05	-0.0132
1041	100	Unbiased-168Hr-Anneal	500.06	500.02	-0.0462
1042	100	Unbiased-168Hr-Anneal	500.04	500.05	0.0137
1043	100	Unbiased-168Hr-Anneal	500.02	500.02	-0.0018
1044	100	Unbiased-168Hr-Anneal	500.03	500.04	0.0109
1045	100	Biased-168Hr-Anneal	500	500	0.001
1046	100	Biased-168Hr-Anneal	499.98	500.02	0.0332
1047	100	Biased-168Hr-Anneal	500	500	0
1048	100	Biased-168Hr-Anneal	499.98	500.04	0.0593
1049	100	Biased-168Hr-Anneal	499.97	500.03	0.0542



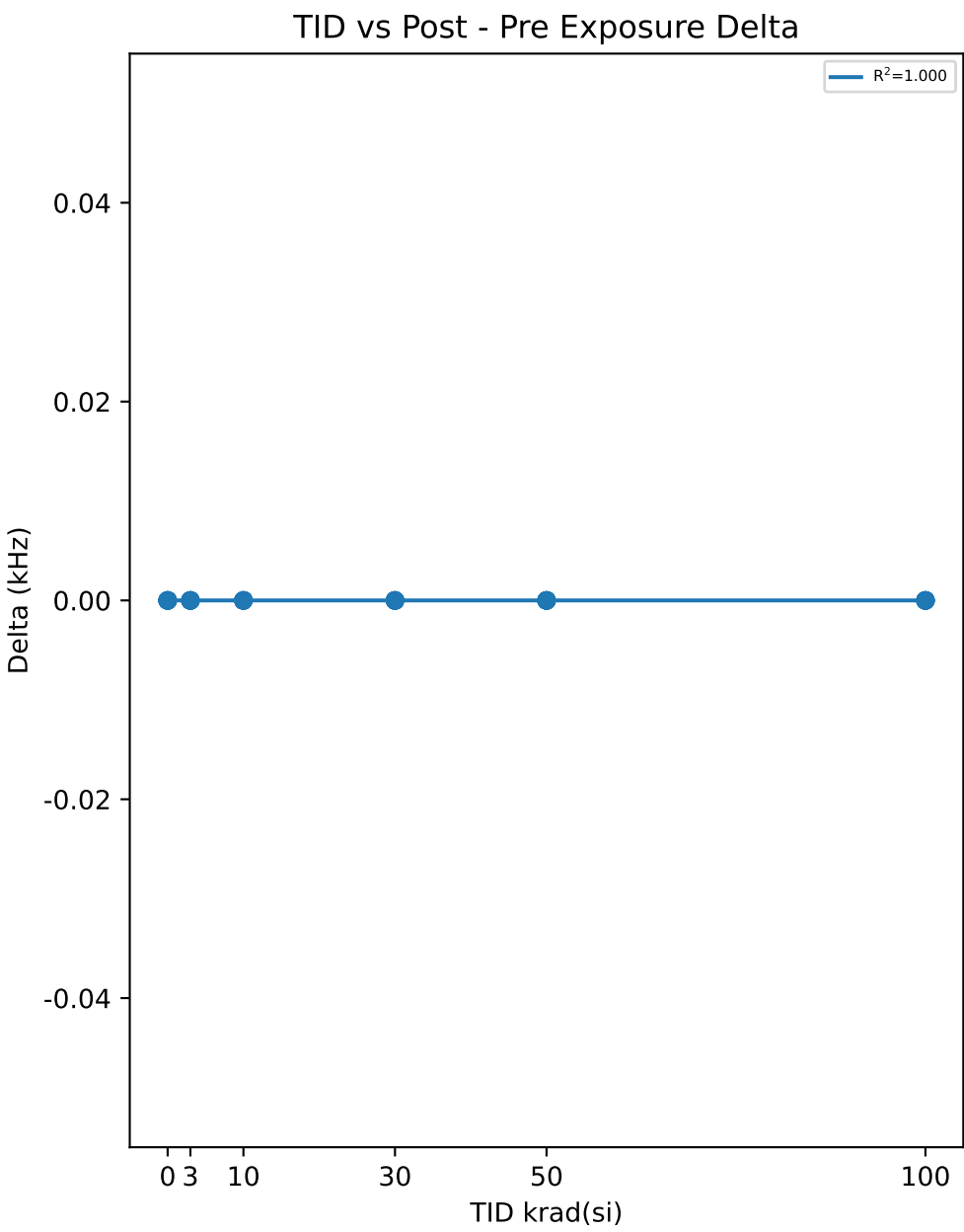
Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.02	500.04	500.06	0.016693	499.94	499.98	500.04	0.047958	-0.1104	-0.05596	-0.0142	0.039845
3	500.01	500.04	500.08	0.022132	499.92	499.96	499.99	0.023489	-0.1176	-0.07956	-0.0277	0.028695
10	500	500.03	500.06	0.020396	499.93	499.96	500	0.02196	-0.1175	-0.07967	-0.0637	0.018411
30	499.99	500.03	500.05	0.018656	499.94	500	500.06	0.04266	-0.0852	-0.03704	0.0318	0.04018
50	499.84	499.95	500.08	0.10655	500.01	500.03	500.05	0.012905	-0.0351	0.08022	0.1929	0.10169
100	499.97	500.02	500.06	0.032845	500	500.03	500.05	0.018136	-0.0462	0.01111	0.0593	0.03152



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

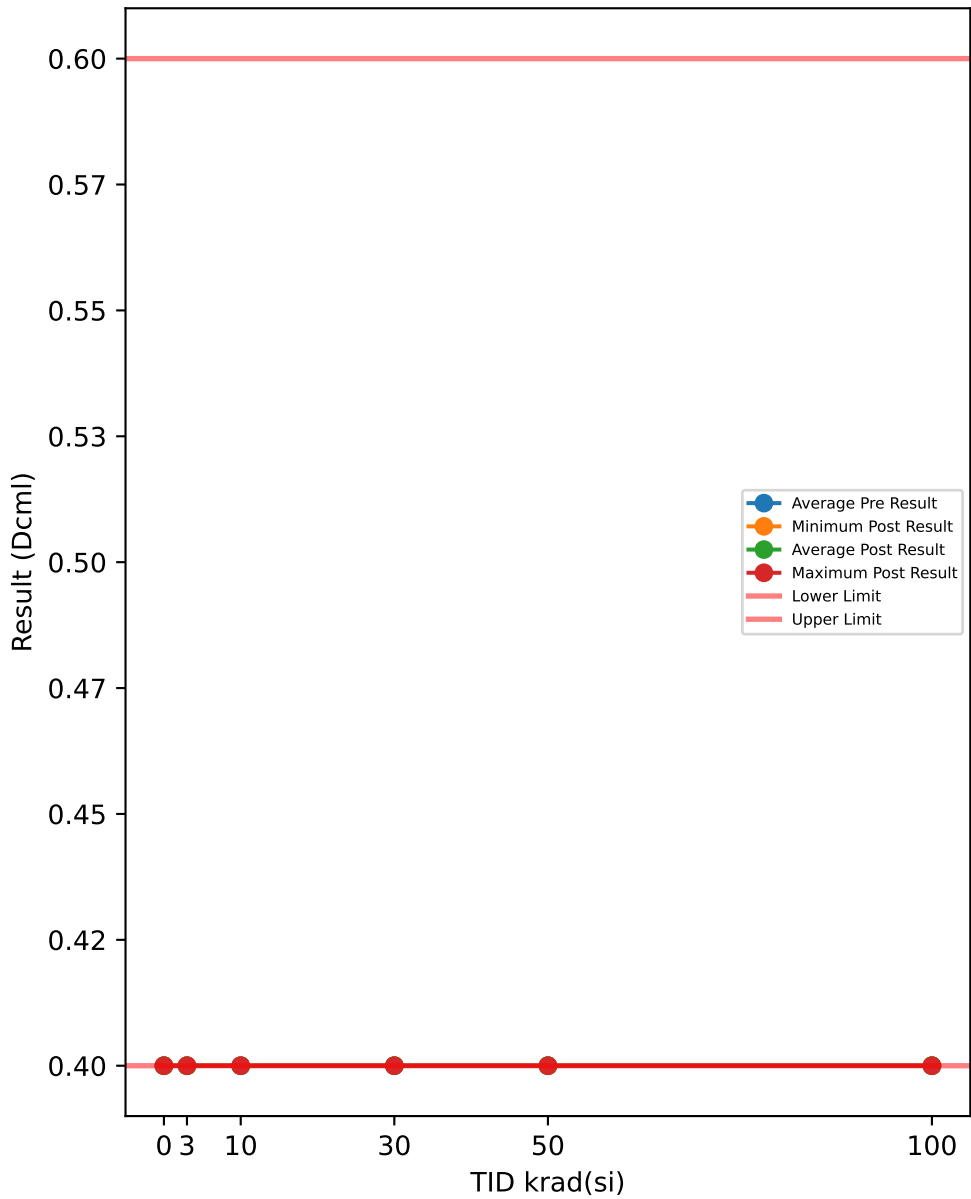
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1000	1000	0
516	0	CORRELATION	1000	1000	0
721	0	CORRELATION	1000	1000	0
723	0	CORRELATION	1000	1000	0
729	0	CORRELATION	1000	1000	0
1000	3	Unbiased	1000	1000	0
1001	3	Unbiased	1000	1000	0
1002	3	Unbiased	1000	1000	0
1003	3	Unbiased	1000	1000	0
1004	3	Unbiased	1000	1000	0
1005	3	Biased	1000	1000	0
1006	3	Biased	1000	1000	0
1007	3	Biased	1000	1000	0
1008	3	Biased	1000	1000	0
1009	3	Biased	1000	1000	0
1010	10	Unbiased	1000	1000	0
1011	10	Unbiased	1000	1000	0
1012	10	Unbiased	1000	1000	0
1013	10	Unbiased	1000	1000	0
1014	10	Unbiased	1000	1000	0
1015	10	Biased	1000	1000	0
1016	10	Biased	1000	1000	0
1017	10	Biased	1000	1000	0
1018	10	Biased	1000	1000	0
1019	10	Biased	1000	1000	0
1020	30	Unbiased	1000	1000	0
1021	30	Unbiased	1000	1000	0
1022	30	Unbiased	1000	1000	0
1023	30	Unbiased	1000	1000	0
1024	30	Unbiased	1000	1000	0
1025	30	Biased	1000	1000	0
1026	30	Biased	1000	1000	0
1027	30	Biased	1000	1000	0
1028	30	Biased	1000	1000	0
1029	30	Biased	1000	1000	0
1030	50	Unbiased	1000	1000	0
1031	50	Unbiased	1000	1000	0
1032	50	Unbiased	1000	1000	0
1033	50	Unbiased	1000	1000	0
1034	50	Unbiased	1000	1000	0
1035	50	Biased-84Hr-Anneal	1000	1000	0
1036	50	Biased-84Hr-Anneal	1000	1000	0
1037	50	Biased-84Hr-Anneal	1000	1000	0
1038	50	Biased-84Hr-Anneal	1000	1000	0
1039	50	Biased-84Hr-Anneal	1000	1000	0
1040	100	Unbiased-168Hr-Anneal	1000	1000	0
1041	100	Unbiased-168Hr-Anneal	1000	1000	0
1042	100	Unbiased-168Hr-Anneal	1000	1000	0
1043	100	Unbiased-168Hr-Anneal	1000	1000	0
1044	100	Unbiased-168Hr-Anneal	1000	1000	0
1045	100	Biased-168Hr-Anneal	1000	1000	0
1046	100	Biased-168Hr-Anneal	1000	1000	0
1047	100	Biased-168Hr-Anneal	1000	1000	0
1048	100	Biased-168Hr-Anneal	1000	1000	0
1049	100	Biased-168Hr-Anneal	1000	1000	0



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
3	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
10	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
30	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
50	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
100	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0

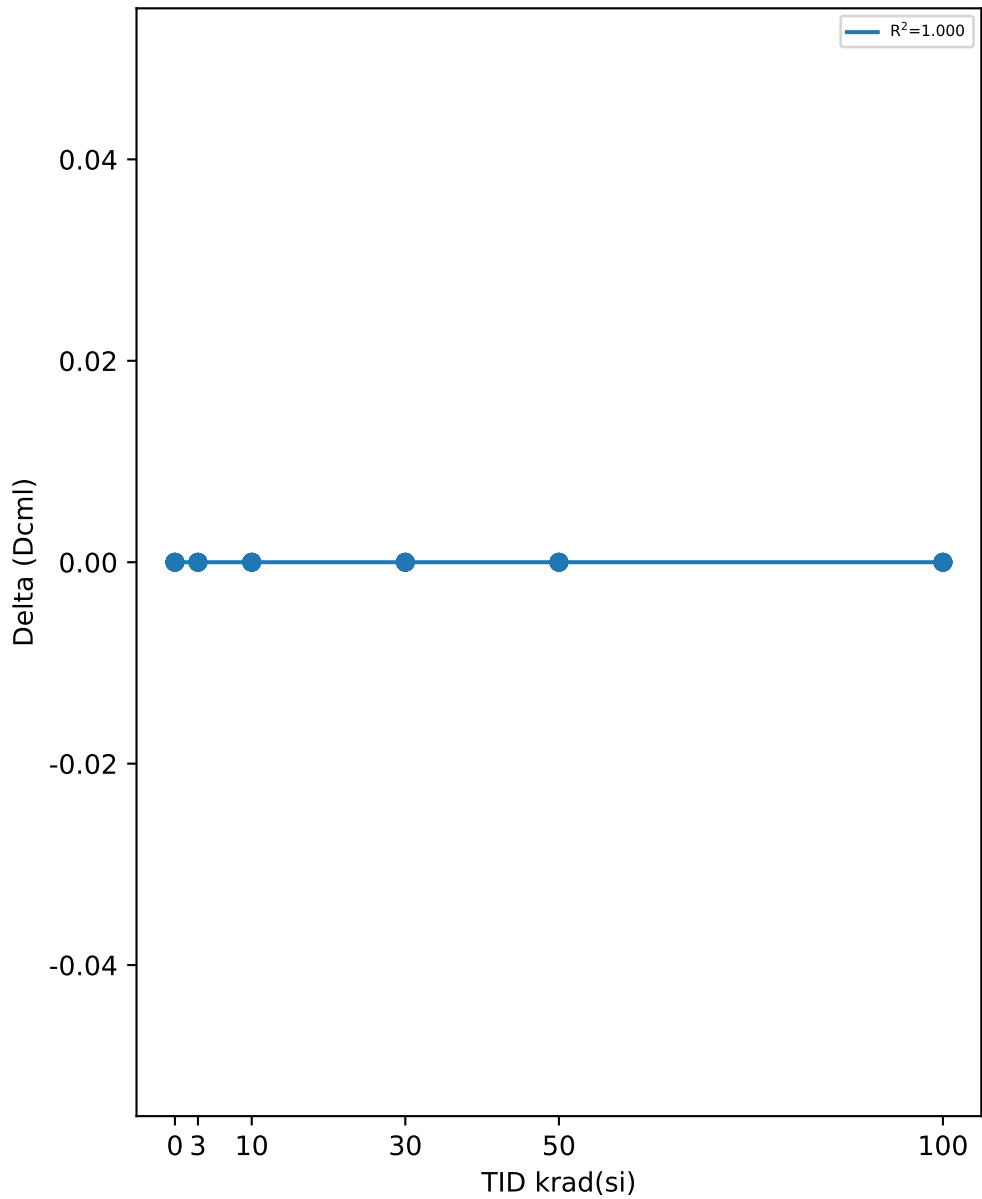
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4	0.4	0
516	0	CORRELATION	0.4	0.4	0
721	0	CORRELATION	0.4	0.4	0
723	0	CORRELATION	0.4	0.4	0
729	0	CORRELATION	0.4	0.4	0
1000	3	Unbiased	0.4	0.4	0
1001	3	Unbiased	0.4	0.4	0
1002	3	Unbiased	0.4	0.4	0
1003	3	Unbiased	0.4	0.4	0
1004	3	Unbiased	0.4	0.4	0
1005	3	Biased	0.4	0.4	0
1006	3	Biased	0.4	0.4	0
1007	3	Biased	0.4	0.4	0
1008	3	Biased	0.4	0.4	0
1009	3	Biased	0.4	0.4	0
1010	10	Unbiased	0.4	0.4	0
1011	10	Unbiased	0.4	0.4	0
1012	10	Unbiased	0.4	0.4	0
1013	10	Unbiased	0.4	0.4	0
1014	10	Unbiased	0.4	0.4	0
1015	10	Biased	0.4	0.4	0
1016	10	Biased	0.4	0.4	0
1017	10	Biased	0.4	0.4	0
1018	10	Biased	0.4	0.4	0
1019	10	Biased	0.4	0.4	0
1020	30	Unbiased	0.4	0.4	0
1021	30	Unbiased	0.4	0.4	0
1022	30	Unbiased	0.4	0.4	0
1023	30	Unbiased	0.4	0.4	0
1024	30	Unbiased	0.4	0.4	0
1025	30	Biased	0.4	0.4	0
1026	30	Biased	0.4	0.4	0
1027	30	Biased	0.4	0.4	0
1028	30	Biased	0.4	0.4	0
1029	30	Biased	0.4	0.4	0
1030	50	Unbiased	0.4	0.4	0
1031	50	Unbiased	0.4	0.4	0
1032	50	Unbiased	0.4	0.4	0
1033	50	Unbiased	0.4	0.4	0
1034	50	Unbiased	0.4	0.4	0
1035	50	Biased-84Hr-Anneal	0.4	0.4	0
1036	50	Biased-84Hr-Anneal	0.4	0.4	0
1037	50	Biased-84Hr-Anneal	0.4	0.4	0
1038	50	Biased-84Hr-Anneal	0.4	0.4	0
1039	50	Biased-84Hr-Anneal	0.4	0.4	0
1040	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1041	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1042	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1043	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1044	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1045	100	Biased-168Hr-Anneal	0.4	0.4	0
1046	100	Biased-168Hr-Anneal	0.4	0.4	0
1047	100	Biased-168Hr-Anneal	0.4	0.4	0
1048	100	Biased-168Hr-Anneal	0.4	0.4	0
1049	100	Biased-168Hr-Anneal	0.4	0.4	0

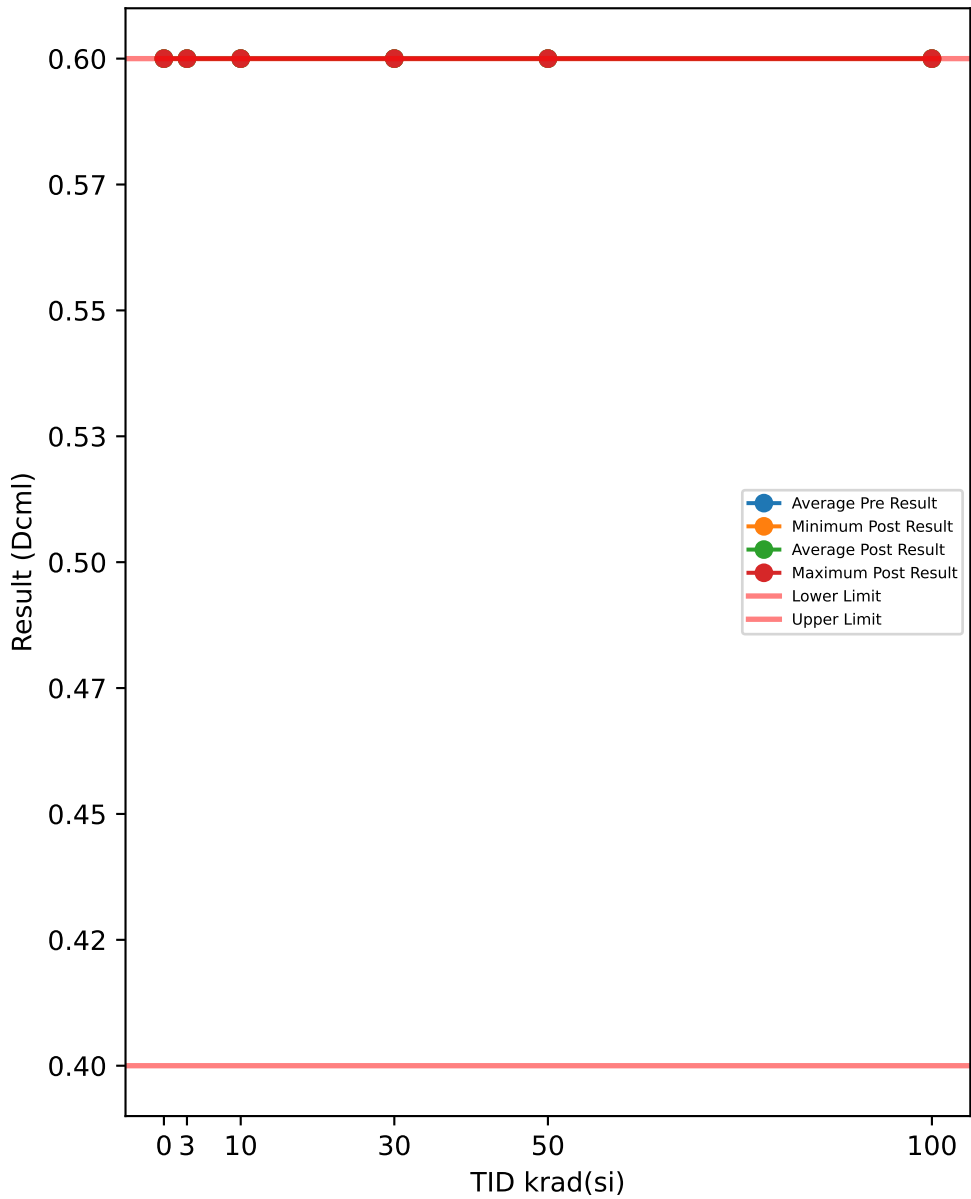
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
3	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
10	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
30	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
50	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
100	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0

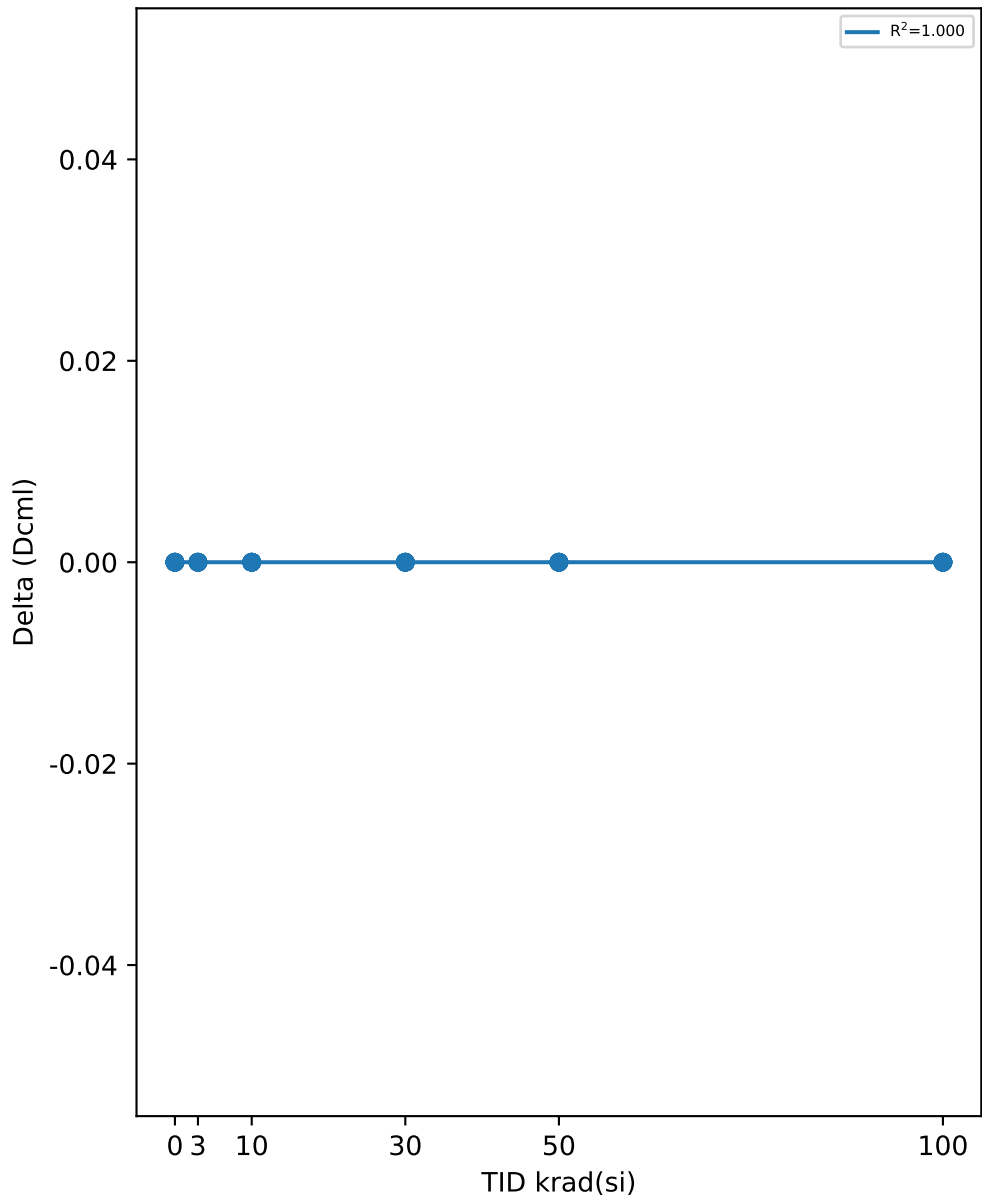
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.6	0.6	0
516	0	CORRELATION	0.6	0.6	0
721	0	CORRELATION	0.6	0.6	0
723	0	CORRELATION	0.6	0.6	0
729	0	CORRELATION	0.6	0.6	0
1000	3	Unbiased	0.6	0.6	0
1001	3	Unbiased	0.6	0.6	0
1002	3	Unbiased	0.6	0.6	0
1003	3	Unbiased	0.6	0.6	0
1004	3	Unbiased	0.6	0.6	0
1005	3	Biased	0.6	0.6	0
1006	3	Biased	0.6	0.6	0
1007	3	Biased	0.6	0.6	0
1008	3	Biased	0.6	0.6	0
1009	3	Biased	0.6	0.6	0
1010	10	Unbiased	0.6	0.6	0
1011	10	Unbiased	0.6	0.6	0
1012	10	Unbiased	0.6	0.6	0
1013	10	Unbiased	0.6	0.6	0
1014	10	Unbiased	0.6	0.6	0
1015	10	Biased	0.6	0.6	0
1016	10	Biased	0.6	0.6	0
1017	10	Biased	0.6	0.6	0
1018	10	Biased	0.6	0.6	0
1019	10	Biased	0.6	0.6	0
1020	30	Unbiased	0.6	0.6	0
1021	30	Unbiased	0.6	0.6	0
1022	30	Unbiased	0.6	0.6	0
1023	30	Unbiased	0.6	0.6	0
1024	30	Unbiased	0.6	0.6	0
1025	30	Biased	0.6	0.6	0
1026	30	Biased	0.6	0.6	0
1027	30	Biased	0.6	0.6	0
1028	30	Biased	0.6	0.6	0
1029	30	Biased	0.6	0.6	0
1030	50	Unbiased	0.6	0.6	0
1031	50	Unbiased	0.6	0.6	0
1032	50	Unbiased	0.6	0.6	0
1033	50	Unbiased	0.6	0.6	0
1034	50	Unbiased	0.6	0.6	0
1035	50	Biased-84Hr-Anneal	0.6	0.6	0
1036	50	Biased-84Hr-Anneal	0.6	0.6	0
1037	50	Biased-84Hr-Anneal	0.6	0.6	0
1038	50	Biased-84Hr-Anneal	0.6	0.6	0
1039	50	Biased-84Hr-Anneal	0.6	0.6	0
1040	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1041	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1042	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1043	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1044	100	Unbiased-168Hr-Anneal	0.6	0.6	0
1045	100	Biased-168Hr-Anneal	0.6	0.6	0
1046	100	Biased-168Hr-Anneal	0.6	0.6	0
1047	100	Biased-168Hr-Anneal	0.6	0.6	0
1048	100	Biased-168Hr-Anneal	0.6	0.6	0
1049	100	Biased-168Hr-Anneal	0.6	0.6	0

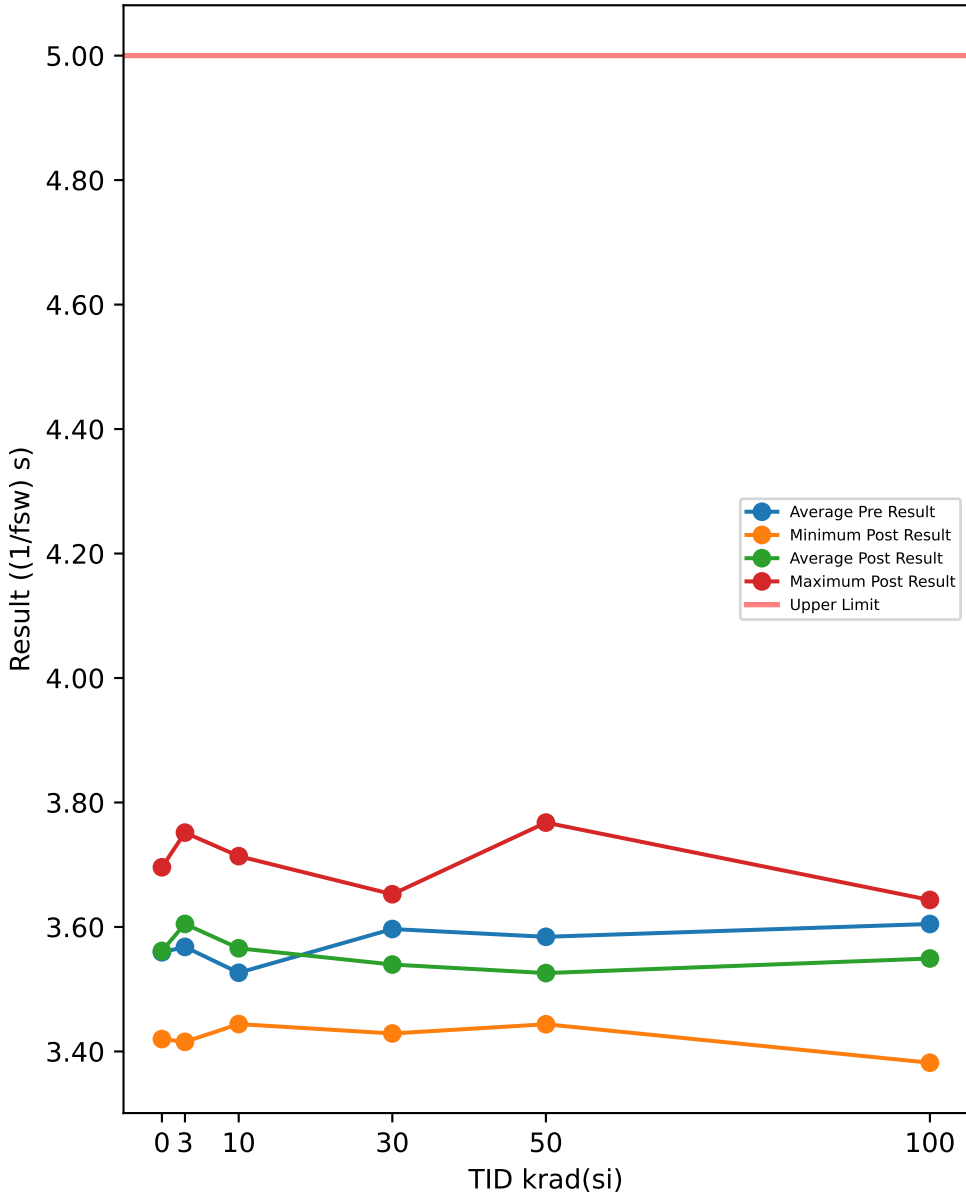
TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
3	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
10	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
30	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
50	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0
100	0.6	0.6	0.6	0	0.6	0.6	0.6	0	0	0	0	0

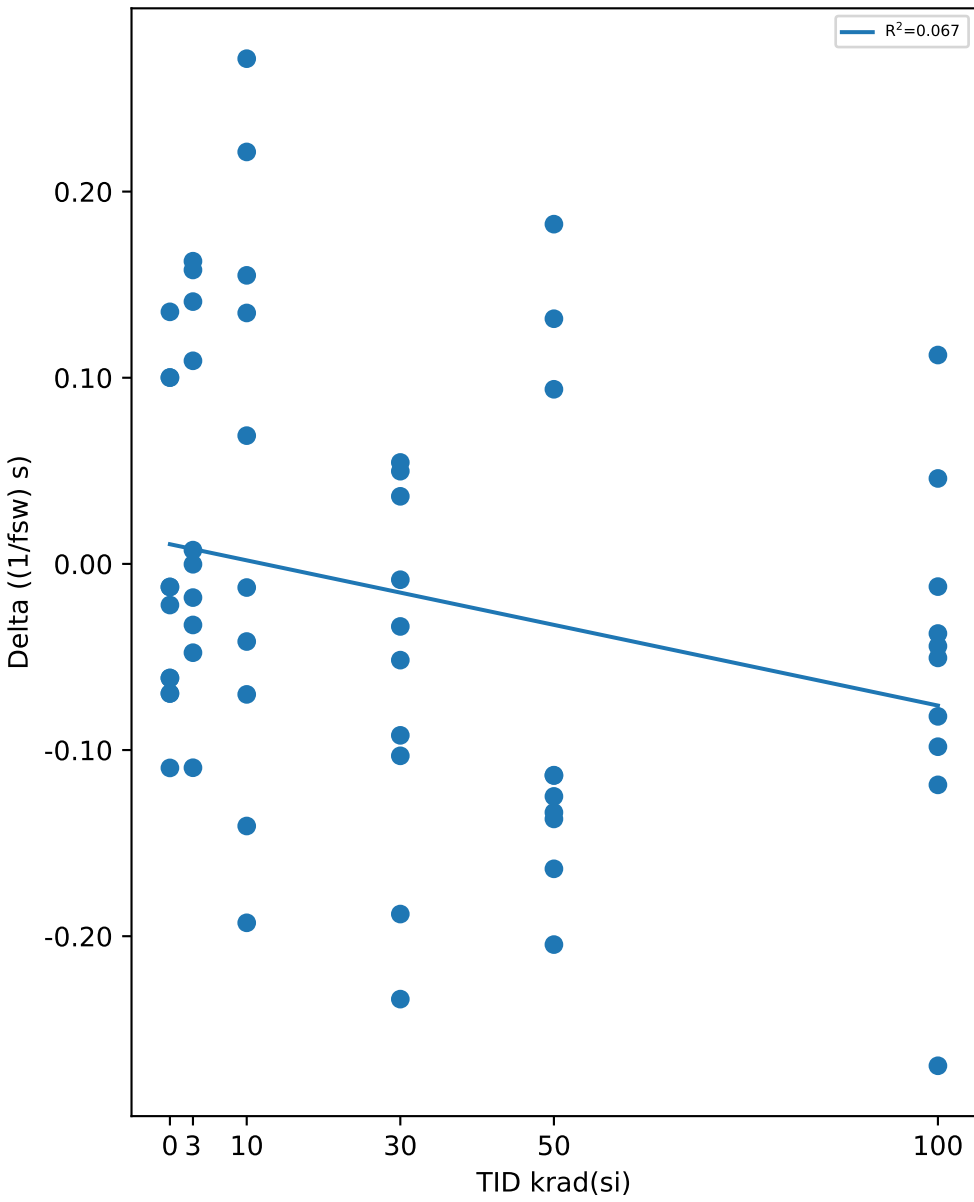
TID vs Result Stats



Test Results (Upper Limit = 5.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	3.5522	3.5301	-0.0221
516	0	CORRELATION	3.5295	3.4199	-0.1096
721	0	CORRELATION	3.5605	3.6959	0.1354
723	0	CORRELATION	3.5469	3.4856	-0.0613
729	0	CORRELATION	3.6074	3.595	-0.0124
1000	3	Unbiased	3.4113	3.5522	0.1409
1001	3	Unbiased	3.5485	3.439	-0.1095
1002	3	Unbiased	3.6154	3.5826	-0.0328
1003	3	Unbiased	3.6254	3.7345	0.1091
1004	3	Unbiased	3.6196	3.5719	-0.0477
1005	3	Biased	3.5746	3.7325	0.1579
1006	3	Biased	3.4156	3.4154	-0.0002
1007	3	Biased	3.7178	3.7252	0.0074
1008	3	Biased	3.589	3.7516	0.1626
1009	3	Biased	3.5622	3.5441	-0.0181
1010	10	Unbiased	3.5687	3.556	-0.0127
1011	10	Unbiased	3.4925	3.7138	0.2213
1012	10	Unbiased	3.388	3.5228	0.1348
1013	10	Unbiased	3.341	3.496	0.155
1014	10	Unbiased	3.5826	3.6515	0.0689
1015	10	Biased	3.6449	3.5748	-0.0701
1016	10	Biased	3.6655	3.4727	-0.1928
1017	10	Biased	3.6476	3.6059	-0.0417
1018	10	Biased	3.5848	3.444	-0.1408
1019	10	Biased	3.3489	3.6203	0.2714
1020	30	Unbiased	3.5256	3.5801	0.0545
1021	30	Unbiased	3.5948	3.5027	-0.0921
1022	30	Unbiased	3.6611	3.6526	-0.0085
1023	30	Unbiased	3.3791	3.4289	0.0498
1024	30	Unbiased	3.5654	3.5318	-0.0336
1025	30	Biased	3.6281	3.525	-0.1031
1026	30	Biased	3.6971	3.4633	-0.2338
1027	30	Biased	3.7975	3.6094	-0.1881
1028	30	Biased	3.6069	3.6432	0.0363
1029	30	Biased	3.5114	3.4597	-0.0517
1030	50	Unbiased	3.4883	3.5821	0.0938
1031	50	Unbiased	3.5572	3.4437	-0.1135
1032	50	Unbiased	3.415	3.5467	0.1317
1033	50	Unbiased	3.6411	3.5076	-0.1335
1034	50	Unbiased	3.5582	3.4445	-0.1137
1035	50	Biased-84Hr-Anneal	3.6871	3.4826	-0.2045
1036	50	Biased-84Hr-Anneal	3.5852	3.7677	0.1825
1037	50	Biased-84Hr-Anneal	3.6561	3.5191	-0.137
1038	50	Biased-84Hr-Anneal	3.6409	3.4771	-0.1638
1039	50	Biased-84Hr-Anneal	3.613	3.4881	-0.1249
1040	100	Unbiased-168Hr-Anneal	3.4865	3.5987	0.1122
1041	100	Unbiased-168Hr-Anneal	3.7621	3.6434	-0.1187
1042	100	Unbiased-168Hr-Anneal	3.565	3.4831	-0.0819
1043	100	Unbiased-168Hr-Anneal	3.6001	3.5559	-0.0442
1044	100	Unbiased-168Hr-Anneal	3.5904	3.5399	-0.0505
1045	100	Biased-168Hr-Anneal	3.6081	3.5707	-0.0374
1046	100	Biased-168Hr-Anneal	3.6211	3.5229	-0.0982
1047	100	Biased-168Hr-Anneal	3.6369	3.6247	-0.0122
1048	100	Biased-168Hr-Anneal	3.5263	3.5722	0.0459
1049	100	Biased-168Hr-Anneal	3.6515	3.3819	-0.2696

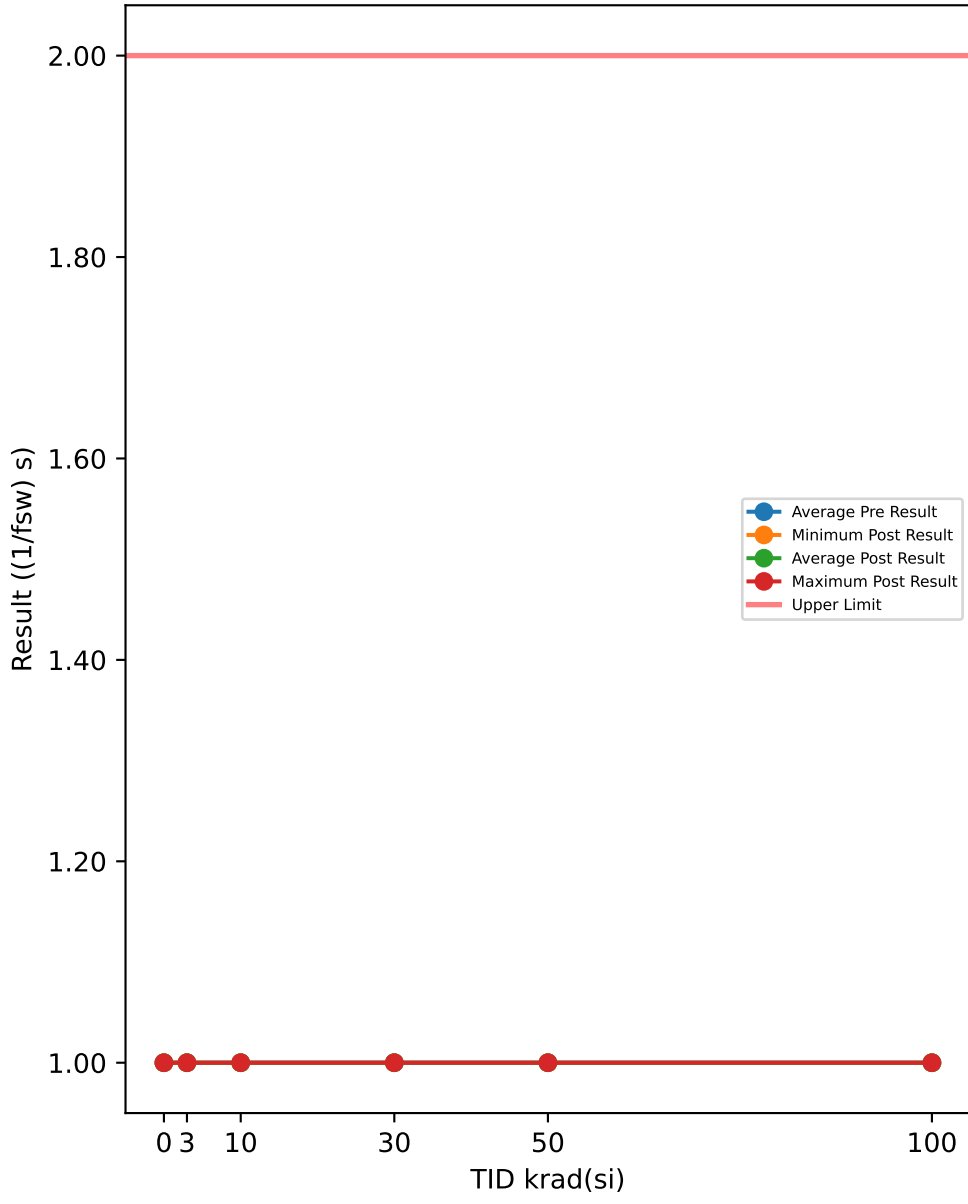
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	3.5295	3.5593	3.6074	0.029186	3.4199	3.5453	3.6959	0.10568	-0.1096	-0.014	0.1354	0.091877
3	3.4113	3.5679	3.7178	0.093881	3.4154	3.6049	3.7516	0.12497	-0.1095	0.03696	0.1626	0.097291
10	3.341	3.5264	3.6655	0.12588	3.444	3.5658	3.7138	0.084477	-0.1928	0.03933	0.2714	0.15561
30	3.3791	3.5967	3.7975	0.11368	3.4289	3.5397	3.6526	0.078958	-0.2338	-0.05703	0.0545	0.098474
50	3.415	3.5842	3.6871	0.083181	3.4437	3.5259	3.7677	0.095165	-0.2045	-0.05829	0.1825	0.13829
100	3.4865	3.6048	3.7621	0.074686	3.3819	3.5493	3.6434	0.075422	-0.2696	-0.05546	0.1122	0.10172

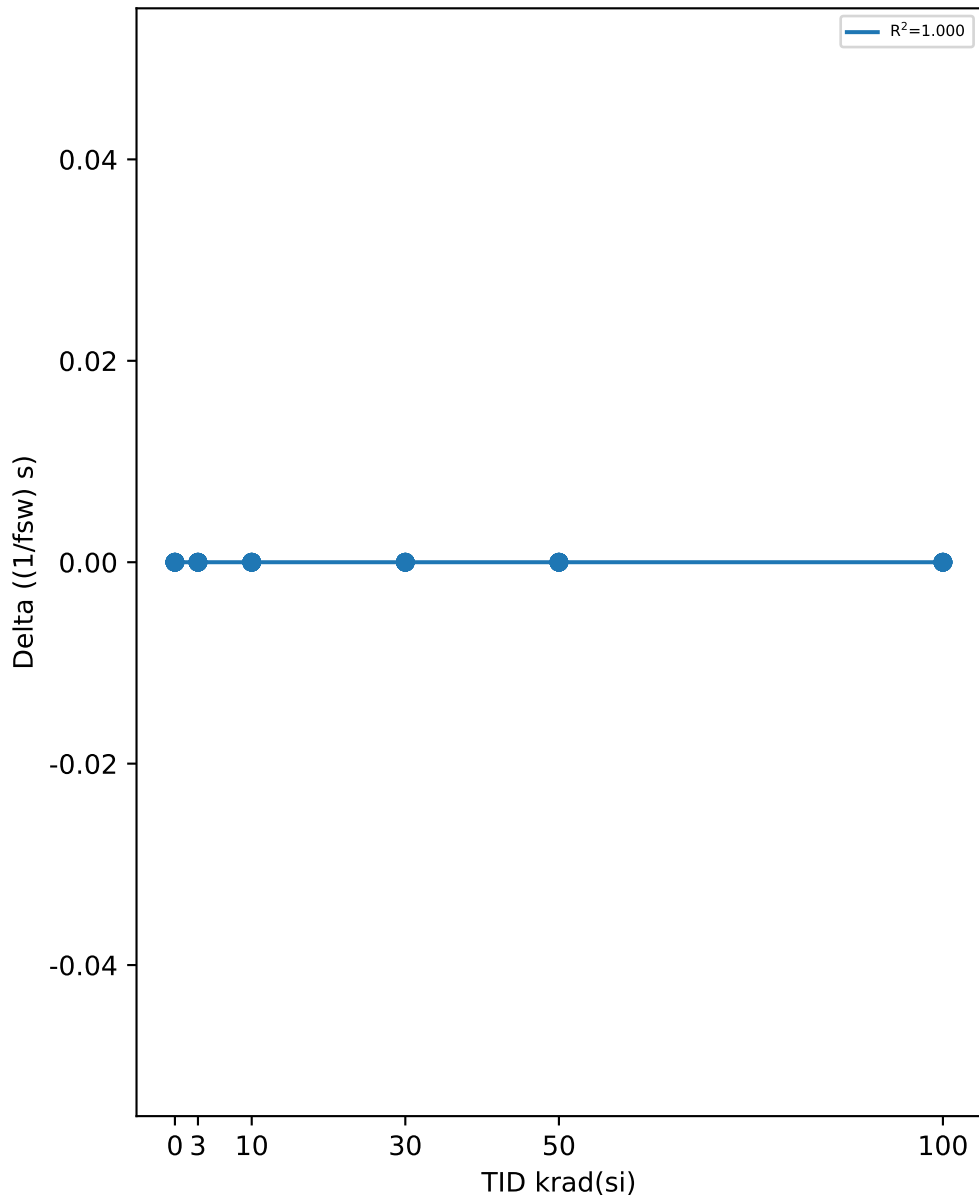
TID vs Result Stats



Test Results (Upper Limit = 2.0 ((1/fsw) s))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1	1	0
516	0	CORRELATION	1	1	0
721	0	CORRELATION	1	1	0
723	0	CORRELATION	1	1	0
729	0	CORRELATION	1	1	0
1000	3	Unbiased	1	1	0
1001	3	Unbiased	1	1	0
1002	3	Unbiased	1	1	0
1003	3	Unbiased	1	1	0
1004	3	Unbiased	1	1	0
1005	3	Biased	1	1	0
1006	3	Biased	1	1	0
1007	3	Biased	1	1	0
1008	3	Biased	1	1	0
1009	3	Biased	1	1	0
1010	10	Unbiased	1	1	0
1011	10	Unbiased	1	1	0
1012	10	Unbiased	1	1	0
1013	10	Unbiased	1	1	0
1014	10	Unbiased	1	1	0
1015	10	Biased	1	1	0
1016	10	Biased	1	1	0
1017	10	Biased	1	1	0
1018	10	Biased	1	1	0
1019	10	Biased	1	1	0
1020	30	Unbiased	1	1	0
1021	30	Unbiased	1	1	0
1022	30	Unbiased	1	1	0
1023	30	Unbiased	1	1	0
1024	30	Unbiased	1	1	0
1025	30	Biased	1	1	0
1026	30	Biased	1	1	0
1027	30	Biased	1	1	0
1028	30	Biased	1	1	0
1029	30	Biased	1	1	0
1030	50	Unbiased	1	1	0
1031	50	Unbiased	1	1	0
1032	50	Unbiased	1	1	0
1033	50	Unbiased	1	1	0
1034	50	Unbiased	1	1	0
1035	50	Biased-84Hr-Anneal	1	1	0
1036	50	Biased-84Hr-Anneal	1	1	0
1037	50	Biased-84Hr-Anneal	1	1	0
1038	50	Biased-84Hr-Anneal	1	1	0
1039	50	Biased-84Hr-Anneal	1	1	0
1040	100	Unbiased-168Hr-Anneal	1	1	0
1041	100	Unbiased-168Hr-Anneal	1	1	0
1042	100	Unbiased-168Hr-Anneal	1	1	0
1043	100	Unbiased-168Hr-Anneal	1	1	0
1044	100	Unbiased-168Hr-Anneal	1	1	0
1045	100	Biased-168Hr-Anneal	1	1	0
1046	100	Biased-168Hr-Anneal	1	1	0
1047	100	Biased-168Hr-Anneal	1	1	0
1048	100	Biased-168Hr-Anneal	1	1	0
1049	100	Biased-168Hr-Anneal	1	1	0

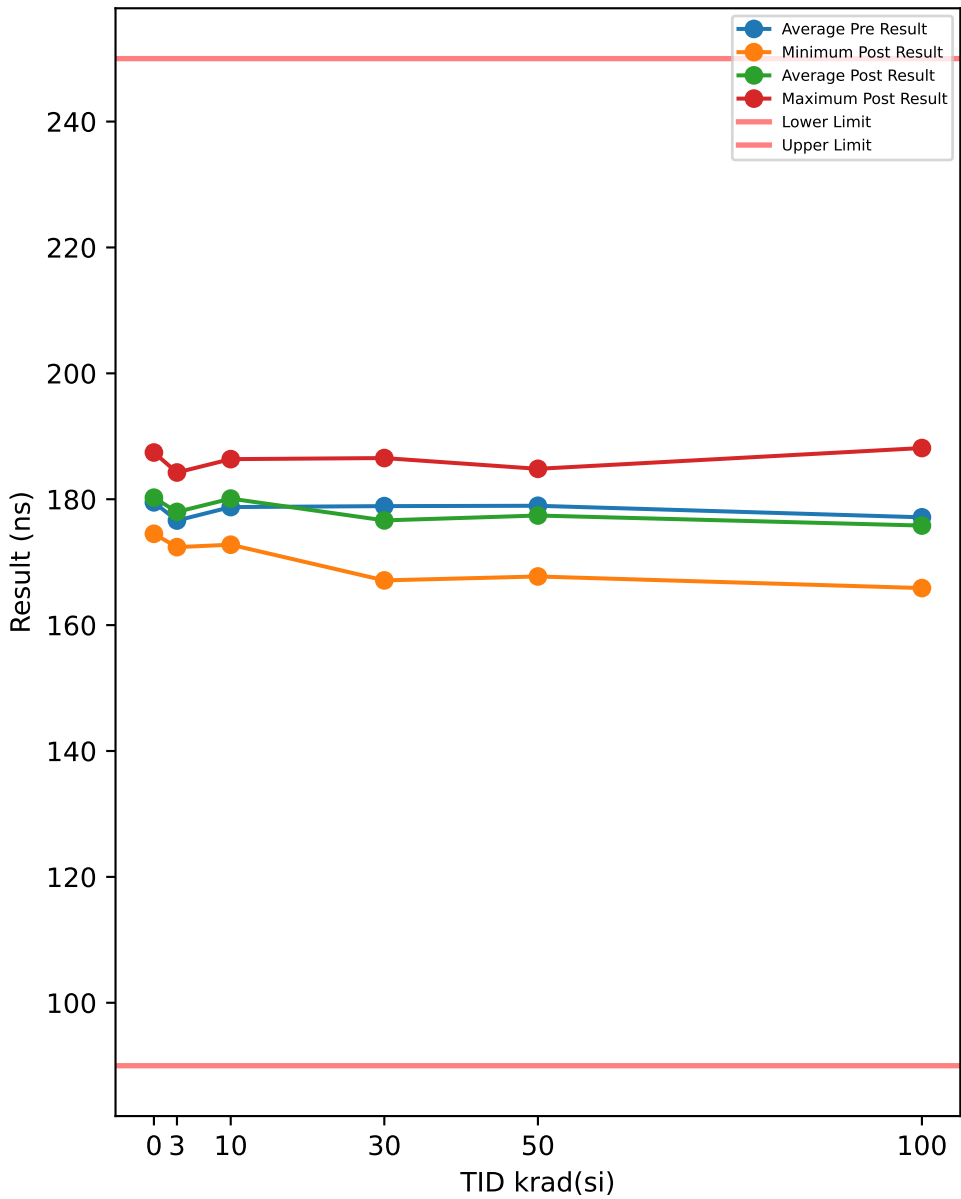
TID vs Post - Pre Exposure Delta



Test Statistics ((1/fsw) s)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1	1	1	0	1	1	1	0	0	0	0	0
3	1	1	1	0	1	1	1	0	0	0	0	0
10	1	1	1	0	1	1	1	0	0	0	0	0
30	1	1	1	0	1	1	1	0	0	0	0	0
50	1	1	1	0	1	1	1	0	0	0	0	0
100	1	1	1	0	1	1	1	0	0	0	0	0

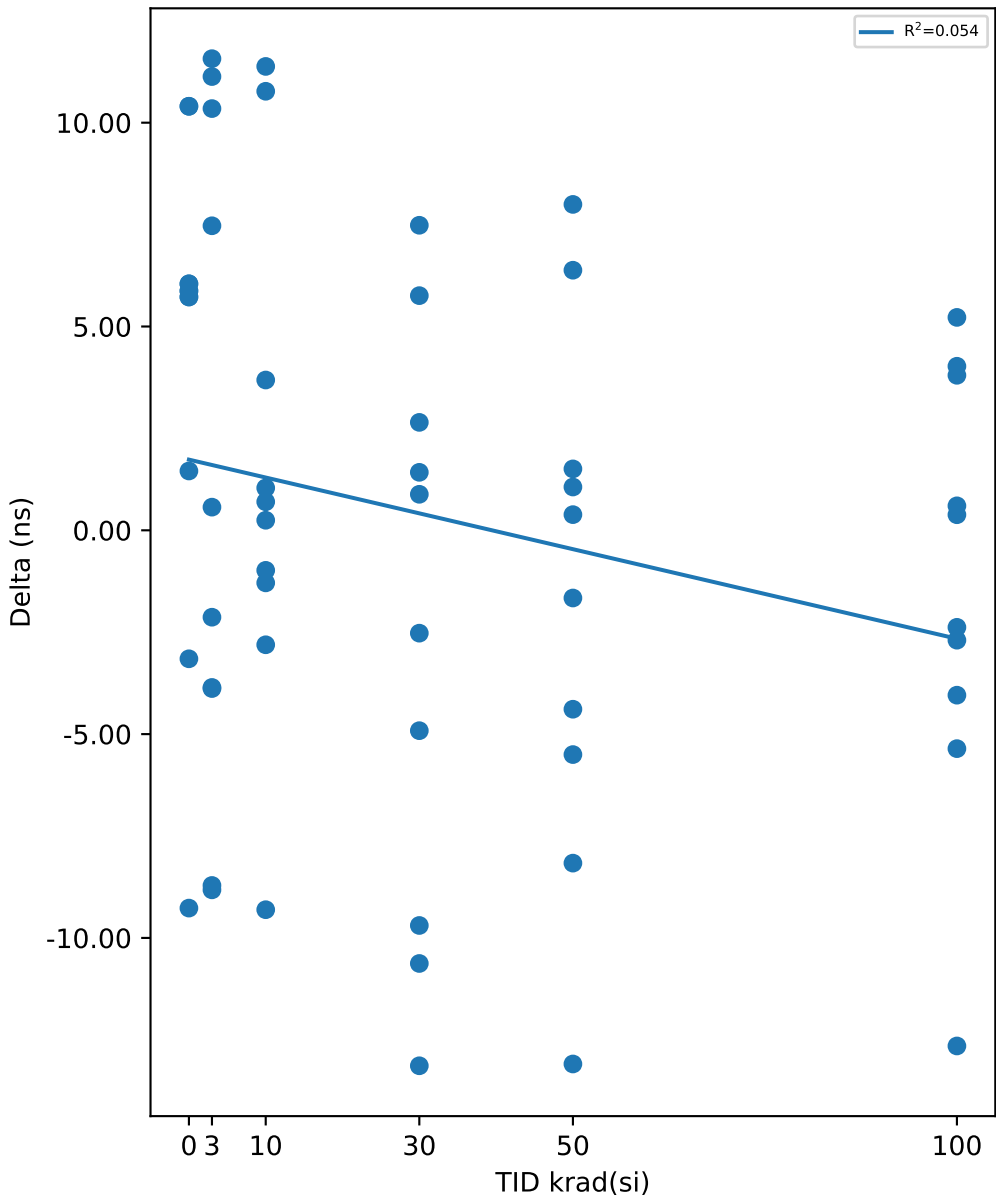
TID vs Result Stats



Test Results (Lower Limit = 90.0, Upper Limit = 250.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	185.97	187.42	1.4554
516	0	CORRELATION	181.11	177.95	-3.1521
721	0	CORRELATION	183.78	174.51	-9.2682
723	0	CORRELATION	168.73	179.13	10.403
729	0	CORRELATION	177.95	184	6.0462
1000	3	Unbiased	183.15	174.33	-8.8204
1001	3	Unbiased	163.96	175.09	11.132
1002	3	Unbiased	180.52	181.09	0.5683
1003	3	Unbiased	183.41	179.56	-3.8549
1004	3	Unbiased	176.78	184.25	7.4711
1005	3	Biased	171.67	183.24	11.571
1006	3	Biased	181.1	172.39	-8.7129
1007	3	Biased	169.53	179.88	10.346
1008	3	Biased	177.47	173.59	-3.882
1009	3	Biased	178.55	176.42	-2.1319
1010	10	Unbiased	178.31	177.02	-1.2895
1011	10	Unbiased	181.02	181.72	0.7
1012	10	Unbiased	179.76	183.45	3.6872
1013	10	Unbiased	182.08	172.78	-9.3075
1014	10	Unbiased	175.6	186.37	10.771
1015	10	Biased	173.77	185.15	11.38
1016	10	Biased	184.58	183.6	-0.9821
1017	10	Biased	173.78	174.03	0.2466
1018	10	Biased	180.94	181.98	1.0399
1019	10	Biased	177.7	174.89	-2.808
1020	30	Unbiased	179.06	186.54	7.4836
1021	30	Unbiased	188.11	178.42	-9.6945
1022	30	Unbiased	183.58	178.66	-4.9156
1023	30	Unbiased	180.71	167.58	-13.136
1024	30	Unbiased	171.01	176.77	5.7572
1025	30	Biased	177.73	167.1	-10.627
1026	30	Biased	183.63	186.27	2.6479
1027	30	Biased	169.23	170.11	0.8835
1028	30	Biased	183.67	181.15	-2.5234
1029	30	Biased	172.32	173.74	1.4225
1030	50	Unbiased	177.69	172.19	-5.5018
1031	50	Unbiased	180.9	179.24	-1.6607
1032	50	Unbiased	180.82	167.73	-13.093
1033	50	Unbiased	174.7	181.08	6.3809
1034	50	Unbiased	184.3	179.91	-4.3893
1035	50	Biased-84Hr-Anneal	173.64	175.15	1.5065
1036	50	Biased-84Hr-Anneal	182.37	182.75	0.3846
1037	50	Biased-84Hr-Anneal	171.06	172.12	1.0624
1038	50	Biased-84Hr-Anneal	176.84	184.83	7.9951
1039	50	Biased-84Hr-Anneal	187.29	179.13	-8.165
1040	100	Unbiased-168Hr-Anneal	177.14	177.53	0.3823
1041	100	Unbiased-168Hr-Anneal	178.53	165.88	-12.651
1042	100	Unbiased-168Hr-Anneal	185.94	180.59	-5.3563
1043	100	Unbiased-168Hr-Anneal	176.77	172.73	-4.0448
1044	100	Unbiased-168Hr-Anneal	185.43	183.05	-2.3799
1045	100	Biased-168Hr-Anneal	179.67	176.97	-2.6958
1046	100	Biased-168Hr-Anneal	169.13	172.94	3.8029
1047	100	Biased-168Hr-Anneal	187.53	188.13	0.6005
1048	100	Biased-168Hr-Anneal	167.17	171.19	4.0247
1049	100	Biased-168Hr-Anneal	163.93	169.16	5.2234

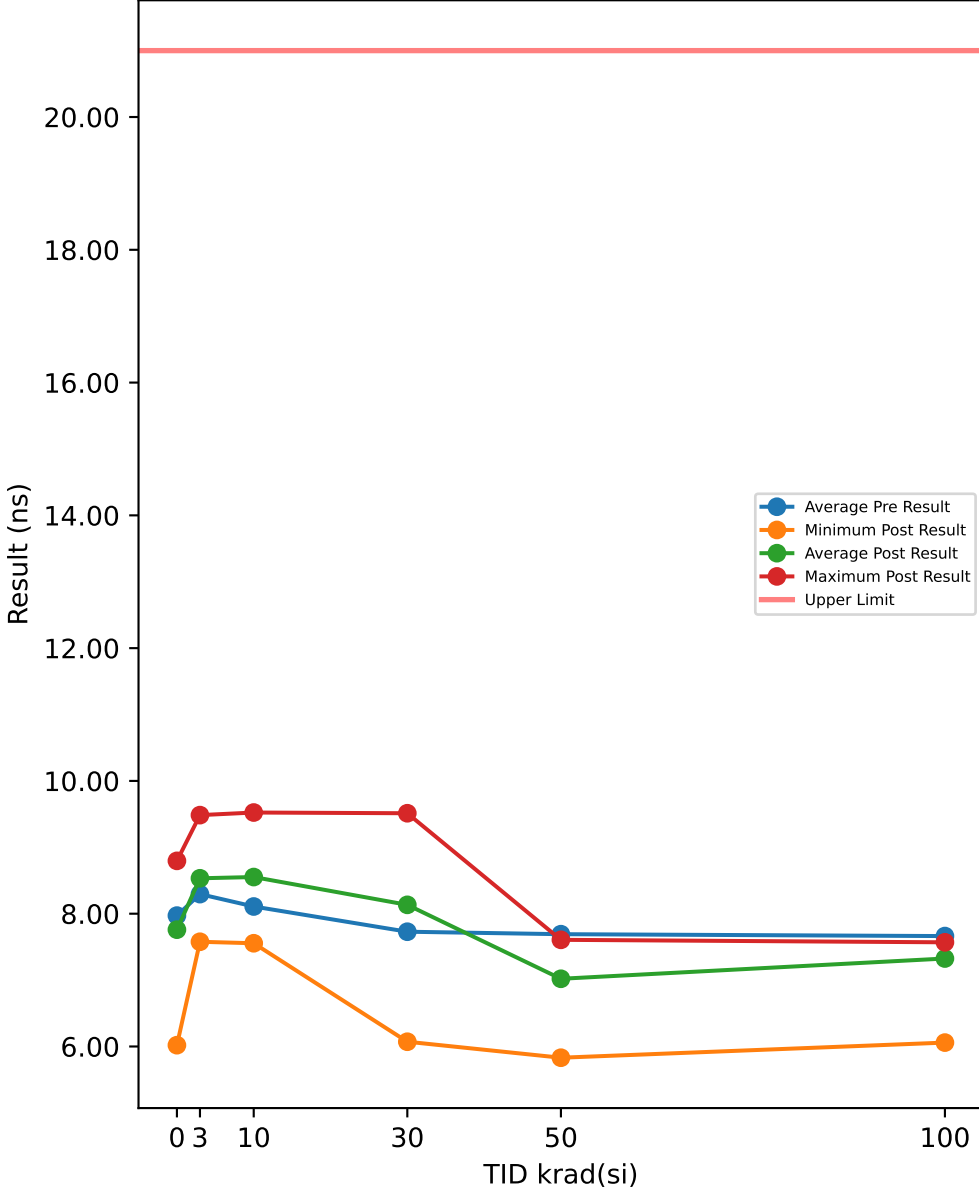
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	168.73	179.51	185.97	6.7276	174.51	180.6	187.42	5.1069	-9.2682	1.0969	10.403	7.6928
3	163.96	176.62	183.41	6.3554	172.39	177.98	184.25	4.1816	-8.8204	1.3686	11.571	8.0997
10	173.77	178.75	184.58	3.6025	172.78	180.1	186.37	4.9613	-9.3075	1.3438	11.38	6.1449
30	169.23	178.91	188.11	6.286	167.1	176.63	186.54	7.0122	-13.136	-2.2702	7.4836	7.1293
50	171.06	178.96	187.29	5.0748	167.73	177.41	184.83	5.4127	-13.093	-1.548	7.9951	6.4515
100	163.93	177.13	187.53	8.1695	165.88	175.82	188.13	6.7769	-12.651	-1.3094	5.2234	5.3679

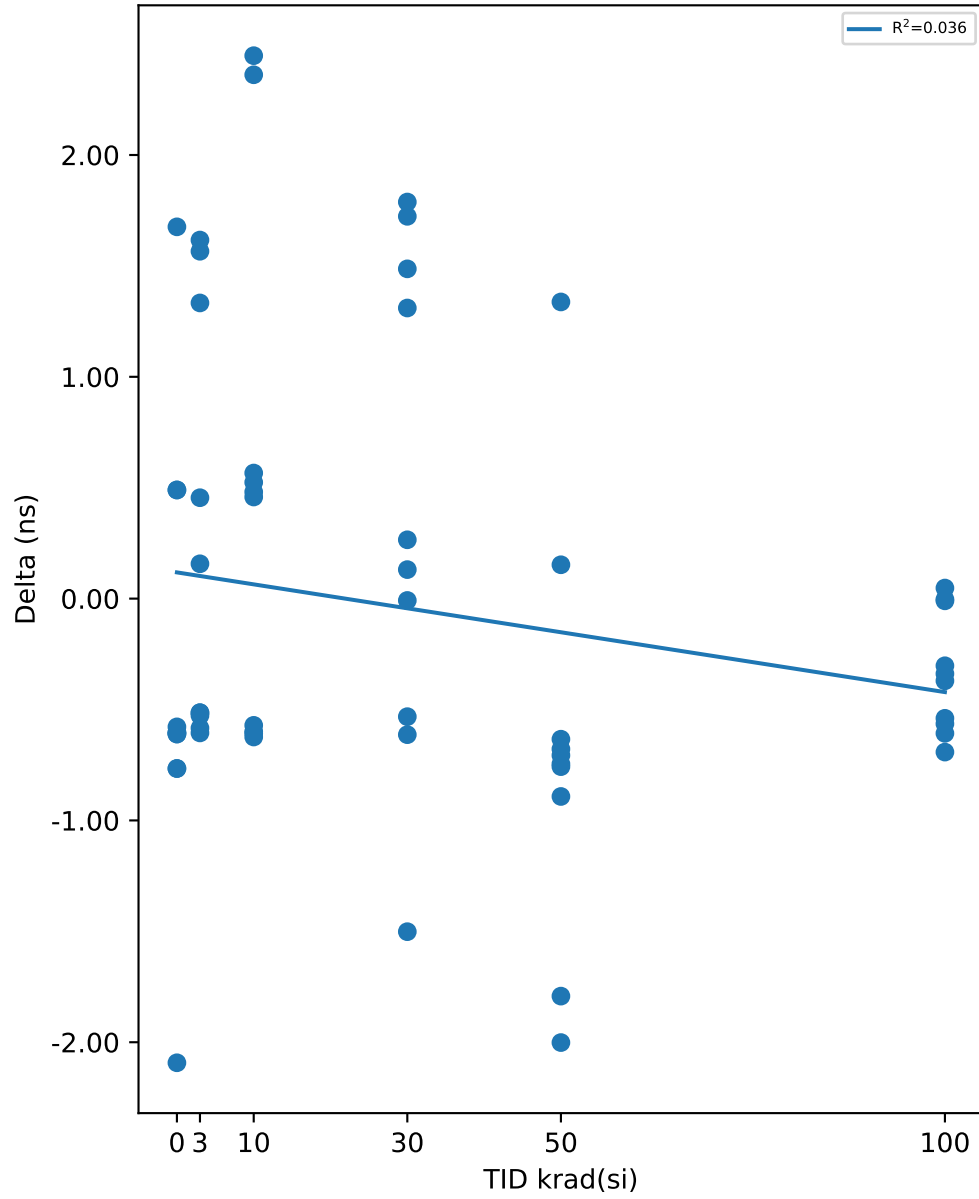
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	5.9615	7.6376	1.6761
516	0	CORRELATION	8.1122	6.0196	-2.0926
721	0	CORRELATION	9.2928	8.7146	-0.5782
723	0	CORRELATION	8.1845	7.5741	-0.6104
729	0	CORRELATION	8.3061	8.7959	0.4898
1000	3	Unbiased	9.2513	8.737	-0.5143
1001	3	Unbiased	8.1786	7.595	-0.5836
1002	3	Unbiased	9.3278	9.4848	0.157
1003	3	Unbiased	7.111	8.7276	1.6166
1004	3	Unbiased	8.0918	7.5773	-0.5145
1005	3	Biased	8.2119	7.6064	-0.6055
1006	3	Biased	9.2656	8.7386	-0.527
1007	3	Biased	8.1147	9.4477	1.333
1008	3	Biased	7.1637	8.7297	1.566
1009	3	Biased	8.2349	8.6898	0.4549
1010	10	Unbiased	7.112	7.5701	0.4581
1011	10	Unbiased	7.1404	9.5021	2.3617
1012	10	Unbiased	8.3142	8.7952	0.481
1013	10	Unbiased	9.3163	8.7092	-0.6071
1014	10	Unbiased	8.1787	7.5548	-0.6239
1015	10	Biased	8.2048	7.6055	-0.5993
1016	10	Biased	9.3308	8.7595	-0.5713
1017	10	Biased	8.2139	8.738	0.5241
1018	10	Biased	7.0762	9.524	2.4478
1019	10	Biased	8.1972	8.7634	0.5662
1020	30	Unbiased	8.1799	9.4901	1.3102
1021	30	Unbiased	9.2578	8.7256	-0.5322
1022	30	Unbiased	7.067	8.7905	1.7235
1023	30	Unbiased	5.9434	7.4301	1.4867
1024	30	Unbiased	7.381	7.5118	0.1308
1025	30	Biased	7.0756	8.8636	1.788
1026	30	Biased	9.2479	9.5131	0.2652
1027	30	Biased	7.3925	7.3842	-0.0083
1028	30	Biased	8.1673	7.5539	-0.6134
1029	30	Biased	7.5731	6.0715	-1.5016
1030	50	Unbiased	8.098	7.4642	-0.6338
1031	50	Unbiased	7.6228	5.8307	-1.7921
1032	50	Unbiased	5.9727	7.3102	1.3375
1033	50	Unbiased	7.4539	7.6065	0.1526
1034	50	Unbiased	8.0906	6.0891	-2.0015
1035	50	Biased-84Hr-Anneal	8.1163	7.4096	-0.7067
1036	50	Biased-84Hr-Anneal	8.3312	7.5861	-0.7451
1037	50	Biased-84Hr-Anneal	8.0998	7.4218	-0.678
1038	50	Biased-84Hr-Anneal	8.2715	7.514	-0.7575
1039	50	Biased-84Hr-Anneal	6.8574	5.9654	-0.892
1040	100	Unbiased-168Hr-Anneal	7.5722	7.5691	-0.0031
1041	100	Unbiased-168Hr-Anneal	8.1702	7.4783	-0.6919
1042	100	Unbiased-168Hr-Anneal	8.1761	7.5687	-0.6074
1043	100	Unbiased-168Hr-Anneal	7.3941	7.3841	-0.01
1044	100	Unbiased-168Hr-Anneal	6.0109	6.0586	0.0477
1045	100	Biased-168Hr-Anneal	7.9907	7.4264	-0.5643
1046	100	Biased-168Hr-Anneal	7.7896	7.4191	-0.3705
1047	100	Biased-168Hr-Anneal	8.0024	7.4628	-0.5396
1048	100	Biased-168Hr-Anneal	7.7687	7.466	-0.3027
1049	100	Biased-168Hr-Anneal	7.7558	7.4171	-0.3387

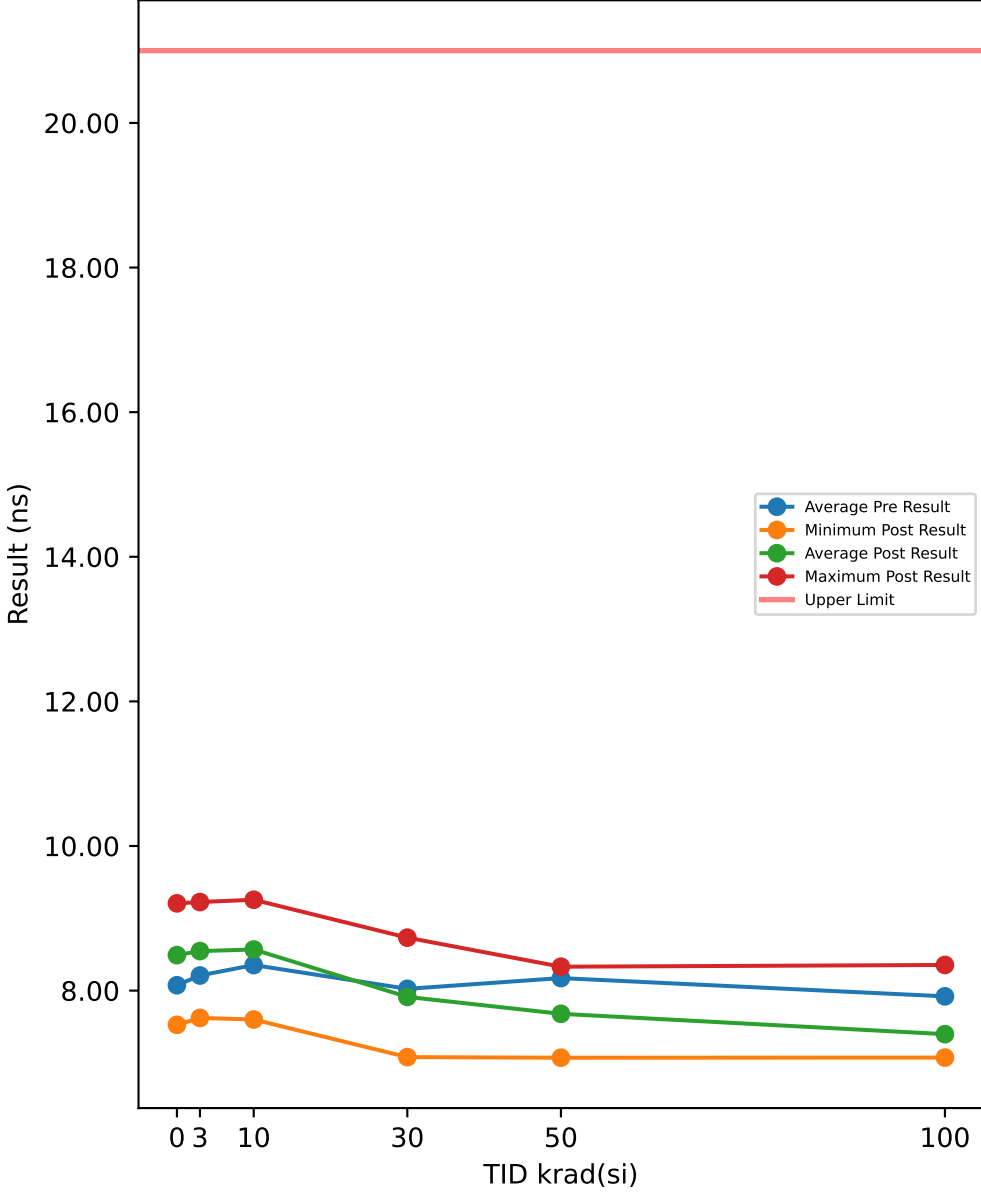
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	5.9615	7.9714	9.2928	1.221	6.0196	7.7484	8.7959	1.125	-2.0926	-0.22306	1.6761	1.4041
3	7.111	8.2951	9.3278	0.79602	7.5773	8.5334	9.4848	0.71332	-0.6055	0.23826	1.6166	0.94403
10	7.0762	8.1085	9.3308	0.81814	7.5548	8.5522	9.524	0.73847	-0.6239	0.44373	2.4478	1.1586
30	5.9434	7.7286	9.2578	1.0194	6.0715	8.1334	9.5131	1.11	-1.5016	0.40489	1.788	1.1283
50	5.9727	7.6914	8.3312	0.75487	5.8307	7.0198	7.6065	0.7376	-2.0015	-0.67166	1.3375	0.93119
100	6.0109	7.6631	8.1761	0.63148	6.0586	7.325	7.5691	0.44922	-0.6919	-0.33805	0.0477	0.2709

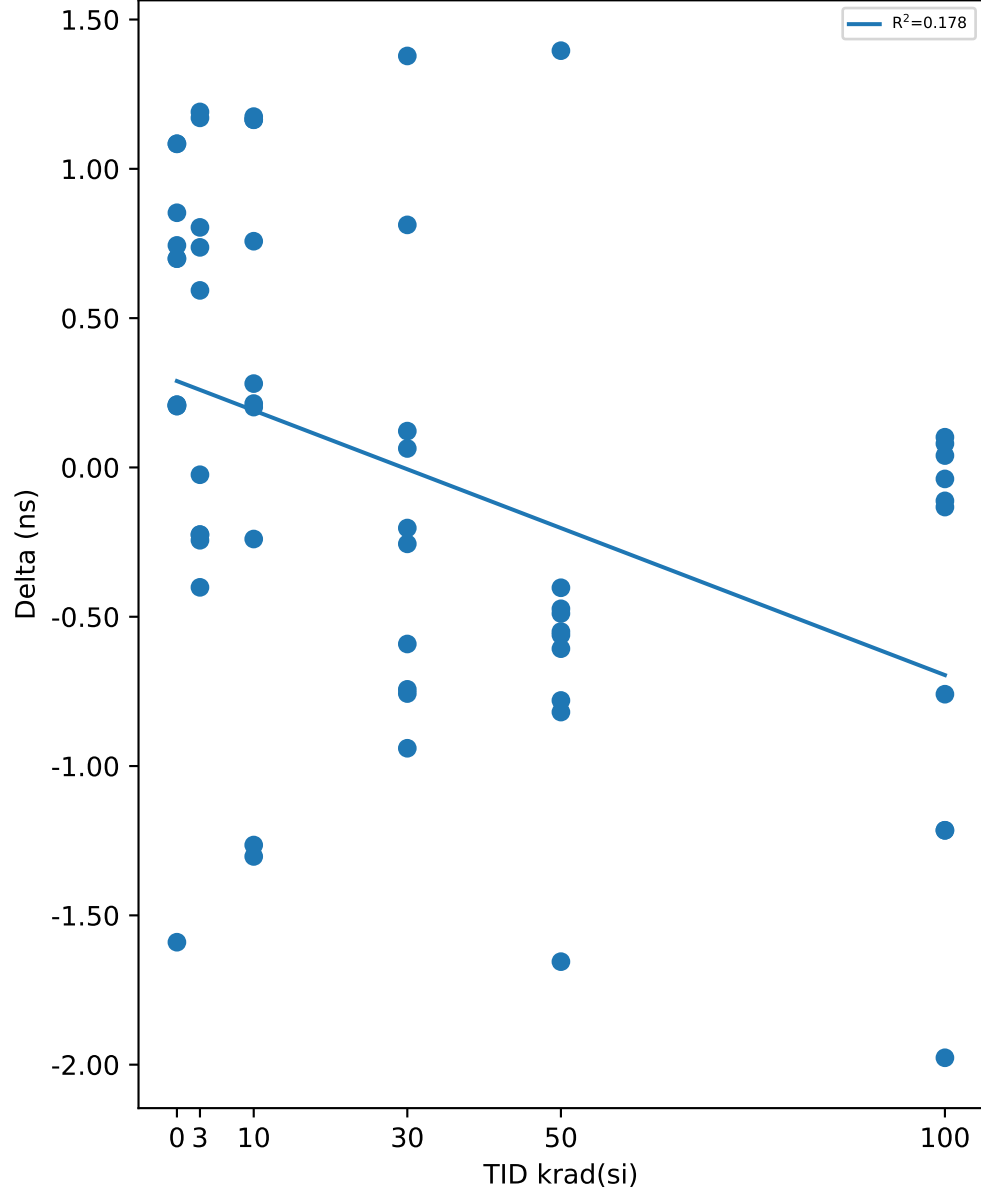
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.4017	8.2546	0.8529
516	0	CORRELATION	9.1166	7.5267	-1.5899
721	0	CORRELATION	7.6463	8.3899	0.7436
723	0	CORRELATION	8.123	9.2068	1.0838
729	0	CORRELATION	8.0838	8.7832	0.6994
1000	3	Unbiased	7.5563	8.3602	0.8039
1001	3	Unbiased	8.0387	9.2094	1.1707
1002	3	Unbiased	7.6468	7.6224	-0.0244
1003	3	Unbiased	8.9969	8.753	-0.2439
1004	3	Unbiased	8.632	9.2249	0.5929
1005	3	Biased	8.0259	9.2165	1.1906
1006	3	Biased	7.6274	8.3644	0.737
1007	3	Biased	8.0239	7.6224	-0.4015
1008	3	Biased	8.9794	8.7548	-0.2246
1009	3	Biased	8.5651	8.3396	-0.2255
1010	10	Unbiased	9.0054	9.2193	0.2139
1011	10	Unbiased	8.8651	7.6006	-1.2645
1012	10	Unbiased	8.6012	8.8033	0.2021
1013	10	Unbiased	7.6147	8.3723	0.7576
1014	10	Unbiased	8.0477	9.2124	1.1647
1015	10	Biased	8.0925	9.2567	1.1642
1016	10	Biased	7.6005	8.7754	1.1749
1017	10	Biased	8.1308	8.4116	0.2808
1018	10	Biased	8.9213	7.6186	-1.3027
1019	10	Biased	8.6573	8.4176	-0.2397
1020	30	Unbiased	8.5652	7.6248	-0.9404
1021	30	Unbiased	7.6109	8.4232	0.8123
1022	30	Unbiased	8.9355	8.7326	-0.2029
1023	30	Unbiased	7.3361	7.0802	-0.2559
1024	30	Unbiased	6.9479	8.3259	1.378
1025	30	Biased	8.9887	8.3975	-0.5912
1026	30	Biased	7.5886	7.6521	0.0635
1027	30	Biased	7.0026	7.1243	0.1217
1028	30	Biased	9.0755	8.3324	-0.7431
1029	30	Biased	8.1955	7.4383	-0.7572
1030	50	Unbiased	9.0908	8.3105	-0.7803
1031	50	Unbiased	8.2345	7.4153	-0.8192
1032	50	Unbiased	7.4748	7.0719	-0.4029
1033	50	Unbiased	6.9316	8.3273	1.3957
1034	50	Unbiased	9.0647	7.4097	-1.655
1035	50	Biased-84Hr-Anneal	7.5833	7.0943	-0.489
1036	50	Biased-84Hr-Anneal	8.8932	8.2863	-0.6069
1037	50	Biased-84Hr-Anneal	7.5704	7.097	-0.4734
1038	50	Biased-84Hr-Anneal	8.8803	8.3306	-0.5497
1039	50	Biased-84Hr-Anneal	8.0099	7.4489	-0.561
1040	100	Unbiased-168Hr-Anneal	8.2453	8.325	0.0797
1041	100	Unbiased-168Hr-Anneal	9.1411	7.1642	-1.9769
1042	100	Unbiased-168Hr-Anneal	9.1141	8.3547	-0.7594
1043	100	Unbiased-168Hr-Anneal	6.9726	7.0738	0.1012
1044	100	Unbiased-168Hr-Anneal	7.46	7.4998	0.0398
1045	100	Biased-168Hr-Anneal	8.3366	7.1216	-1.215
1046	100	Biased-168Hr-Anneal	7.2137	7.081	-0.1327
1047	100	Biased-168Hr-Anneal	8.3214	7.1061	-1.2153
1048	100	Biased-168Hr-Anneal	7.1848	7.1464	-0.0384
1049	100	Biased-168Hr-Anneal	7.2182	7.1063	-0.1119

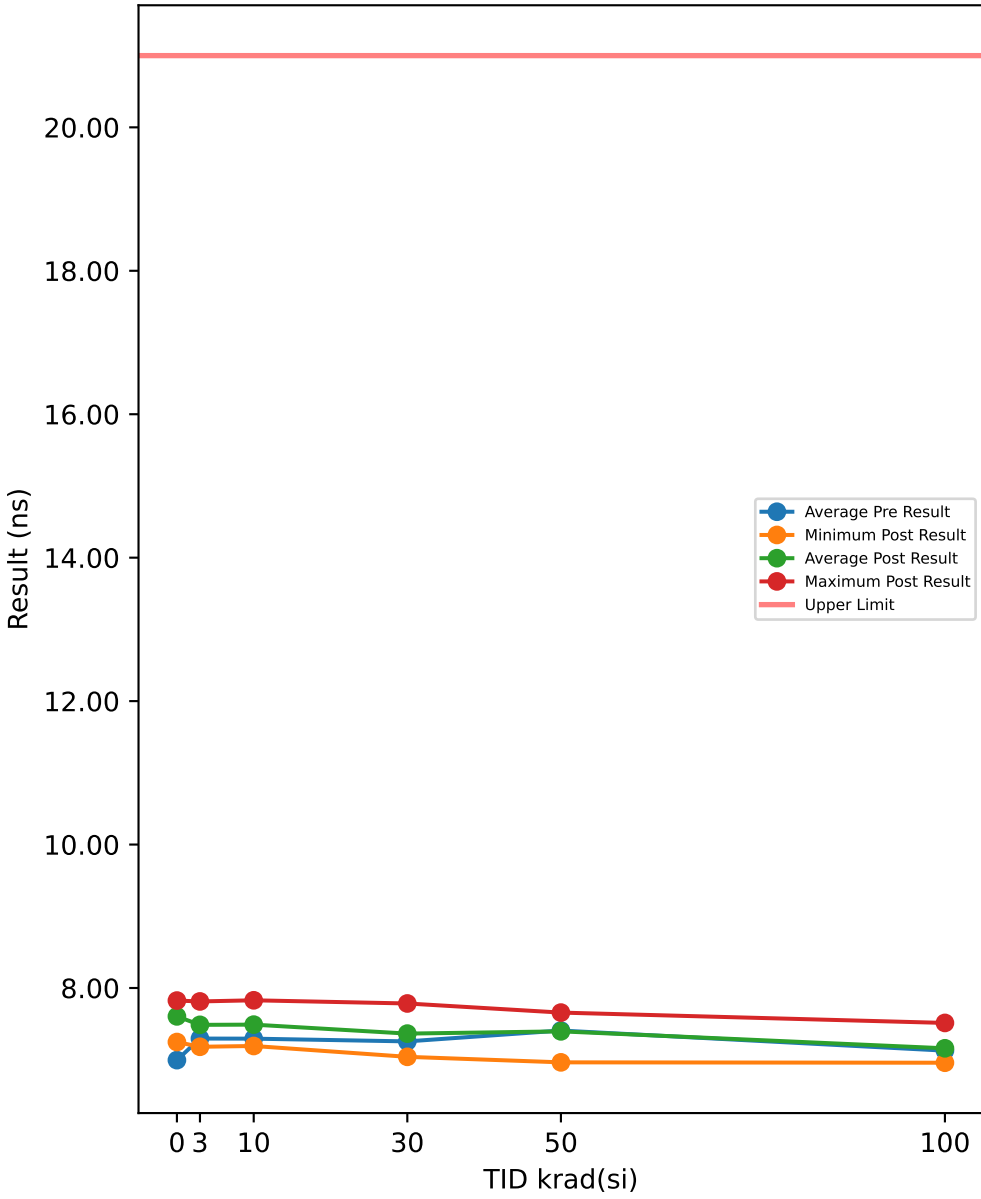
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	7.4017	8.0743	9.1166	0.65659	7.5267	8.4322	9.2068	0.62779	-1.5899	0.35796	1.0838	1.099
3	7.5563	8.2092	8.9969	0.54744	7.6224	8.5468	9.2249	0.60122	-0.4015	0.33752	1.1906	0.62471
10	7.6005	8.3537	9.0054	0.52566	7.6006	8.5688	9.2567	0.60871	-1.3027	0.21513	1.1749	0.9263
30	6.9479	8.0246	9.0755	0.83161	7.0802	7.9131	8.7326	0.59677	-0.9404	-0.11152	1.378	0.73931
50	6.9316	8.1734	9.0908	0.77648	7.0719	7.6792	8.3306	0.56339	-1.655	-0.49417	1.3957	0.7554
100	6.9726	7.9208	9.1411	0.8164	7.0738	7.3979	8.3547	0.51156	-1.9769	-0.52289	0.1012	0.72676

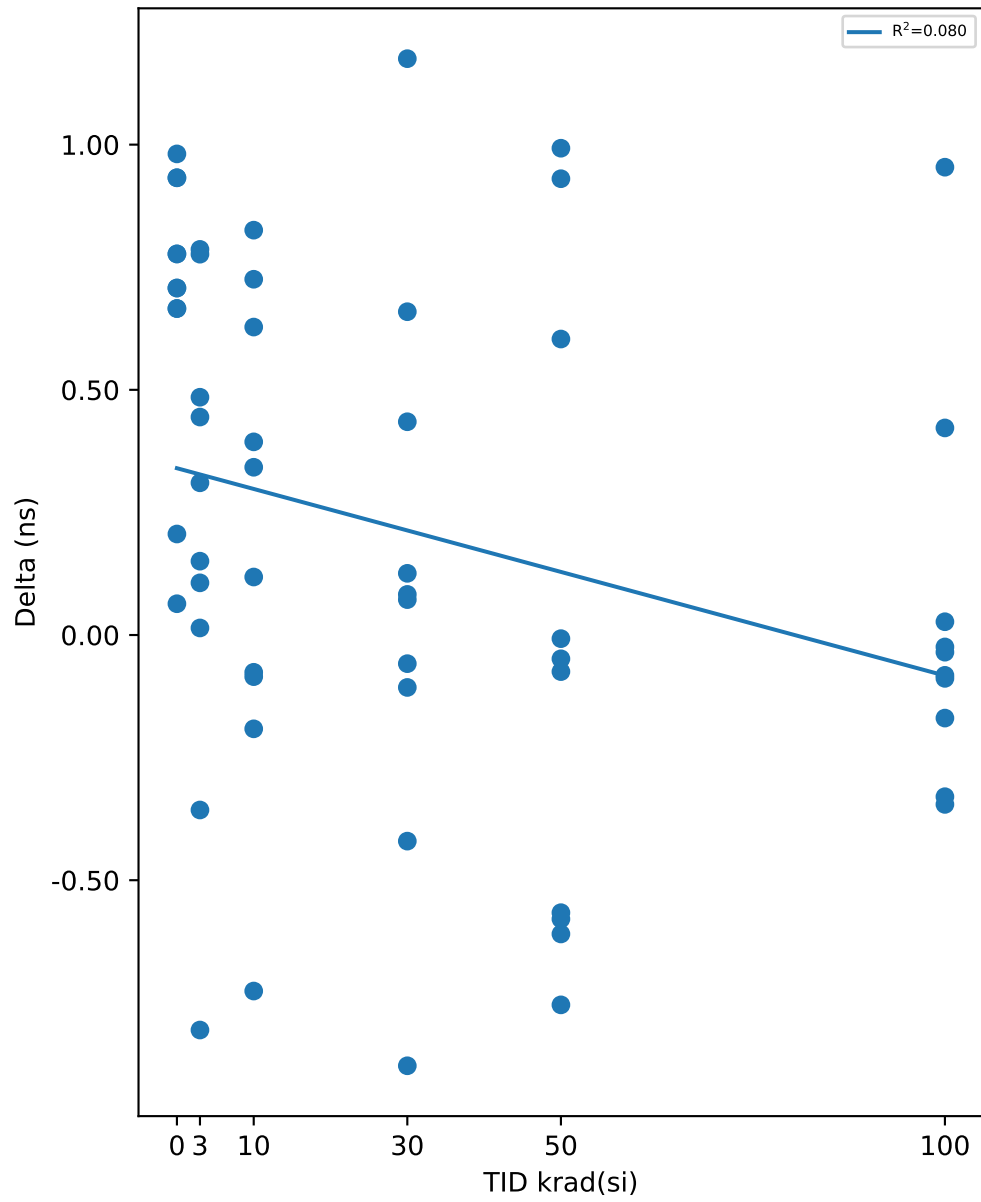
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.5026	7.7086	0.206
516	0	CORRELATION	6.5329	7.514	0.9811
721	0	CORRELATION	7.1827	7.2465	0.0638
723	0	CORRELATION	6.8605	7.6376	0.7771
729	0	CORRELATION	6.8924	7.8248	0.9324
1000	3	Unbiased	7.1428	7.2934	0.1506
1001	3	Unbiased	6.9241	7.7105	0.7864
1002	3	Unbiased	7.1661	7.1805	0.0144
1003	3	Unbiased	7.3054	7.7903	0.4849
1004	3	Unbiased	8.0286	7.6718	-0.3568
1005	3	Biased	6.9035	7.6801	0.7766
1006	3	Biased	7.1463	7.2527	0.1064
1007	3	Biased	6.914	7.2244	0.3104
1008	3	Biased	7.3681	7.8126	0.4445
1009	3	Biased	8.0514	7.2459	-0.8055
1010	10	Unbiased	7.3382	7.7321	0.3939
1011	10	Unbiased	7.2764	7.1915	-0.0849
1012	10	Unbiased	8.0198	7.8285	-0.1913
1013	10	Unbiased	7.1304	7.2487	0.1183
1014	10	Unbiased	6.8151	7.6407	0.8256
1015	10	Biased	6.9254	7.6509	0.7255
1016	10	Biased	7.1967	7.8247	0.628
1017	10	Biased	6.908	7.2501	0.3421
1018	10	Biased	7.326	7.25	-0.076
1019	10	Biased	8.0005	7.2745	-0.726
1020	30	Unbiased	8.0466	7.1682	-0.8784
1021	30	Unbiased	7.1729	7.2451	0.0722
1022	30	Unbiased	7.3493	7.7842	0.4349
1023	30	Unbiased	7.4648	7.0445	-0.4203
1024	30	Unbiased	7.0334	7.6927	0.6593
1025	30	Biased	7.3011	7.2427	-0.0584
1026	30	Biased	7.0861	7.2119	0.1258
1027	30	Biased	6.9575	7.0403	0.0828
1028	30	Biased	6.5891	7.7644	1.1753
1029	30	Biased	7.5539	7.447	-0.1069
1030	50	Unbiased	6.6205	7.551	0.9305
1031	50	Unbiased	7.5717	7.4971	-0.0746
1032	50	Unbiased	7.5424	6.9633	-0.5791
1033	50	Unbiased	7.004	7.6076	0.6036
1034	50	Unbiased	6.5235	7.5162	0.9927
1035	50	Biased-84Hr-Anneal	7.6432	7.077	-0.5662
1036	50	Biased-84Hr-Anneal	7.6645	7.6571	-0.0074
1037	50	Biased-84Hr-Anneal	7.6635	7.0539	-0.6096
1038	50	Biased-84Hr-Anneal	7.6434	7.5949	-0.0485
1039	50	Biased-84Hr-Anneal	8.1918	7.4376	-0.7542
1040	100	Unbiased-168Hr-Anneal	7.5479	7.5129	-0.035
1041	100	Unbiased-168Hr-Anneal	6.5358	6.9581	0.4223
1042	100	Unbiased-168Hr-Anneal	6.5374	7.4914	0.954
1043	100	Unbiased-168Hr-Anneal	6.9492	6.9763	0.0271
1044	100	Unbiased-168Hr-Anneal	7.4399	7.4156	-0.0243
1045	100	Biased-168Hr-Anneal	7.3487	7.019	-0.3297
1046	100	Biased-168Hr-Anneal	7.1529	7.0645	-0.0884
1047	100	Biased-168Hr-Anneal	7.3708	7.0254	-0.3454
1048	100	Biased-168Hr-Anneal	7.2002	7.0308	-0.1694
1049	100	Biased-168Hr-Anneal	7.1809	7.0987	-0.0822

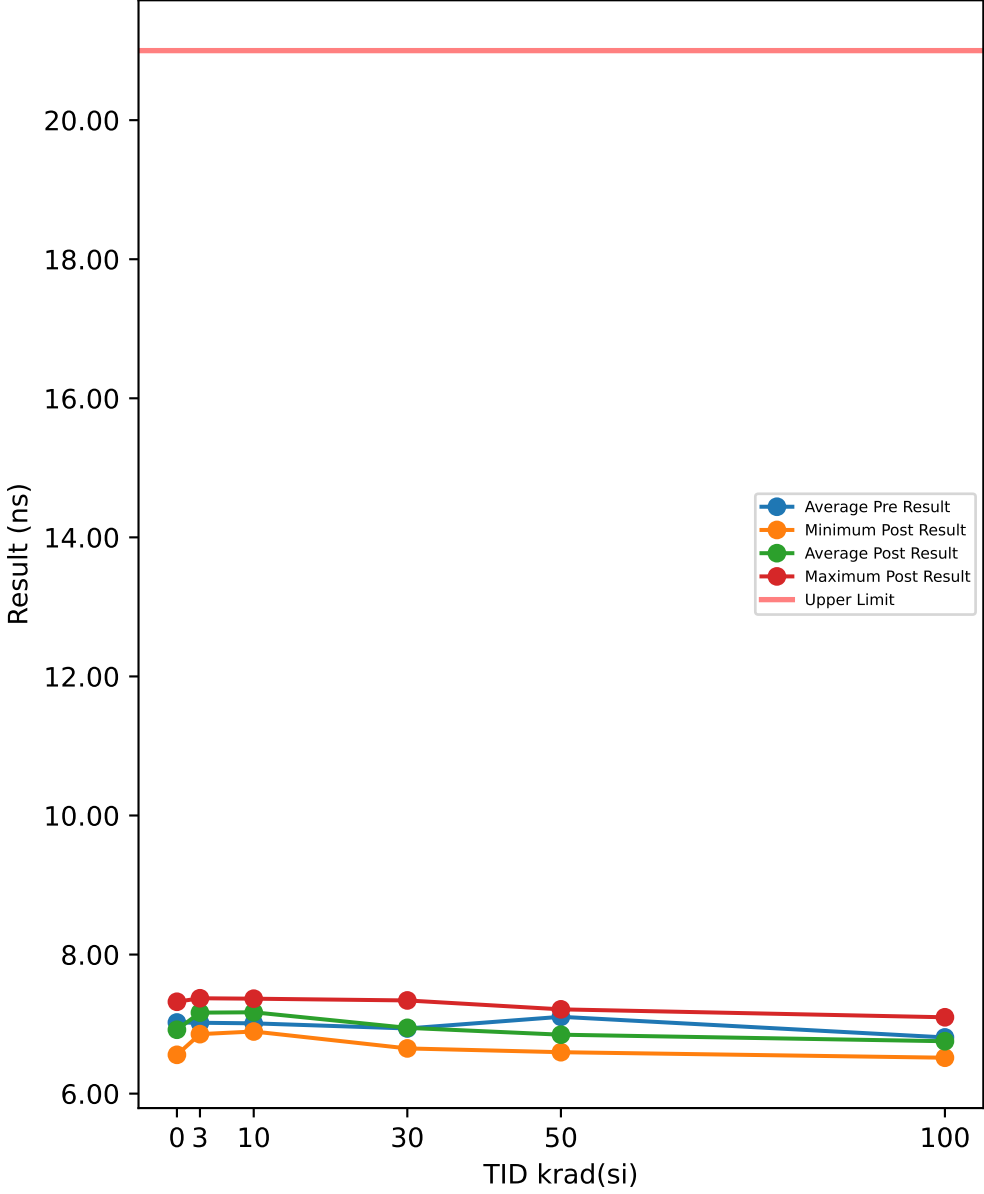
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.5329	6.9942	7.5026	0.36573	7.2465	7.5863	7.8248	0.22089	0.0638	0.59208	0.9811	0.42706
3	6.9035	7.295	8.0514	0.42343	7.1805	7.4862	7.8126	0.26516	-0.8055	0.19119	0.7864	0.4939
10	6.8151	7.2936	8.0198	0.41895	7.1915	7.4892	7.8285	0.26724	-0.726	0.19552	0.8256	0.48108
30	6.5891	7.2555	8.0466	0.39261	7.0403	7.3641	7.7842	0.28848	-0.8784	0.10863	1.1753	0.5655
50	6.5235	7.4069	8.1918	0.52353	6.9633	7.3956	7.6571	0.26012	-0.7542	-0.01128	0.9927	0.65138
100	6.5358	7.1264	7.5479	0.35298	6.9581	7.1593	7.5129	0.22155	-0.3454	0.0329	0.954	0.38751

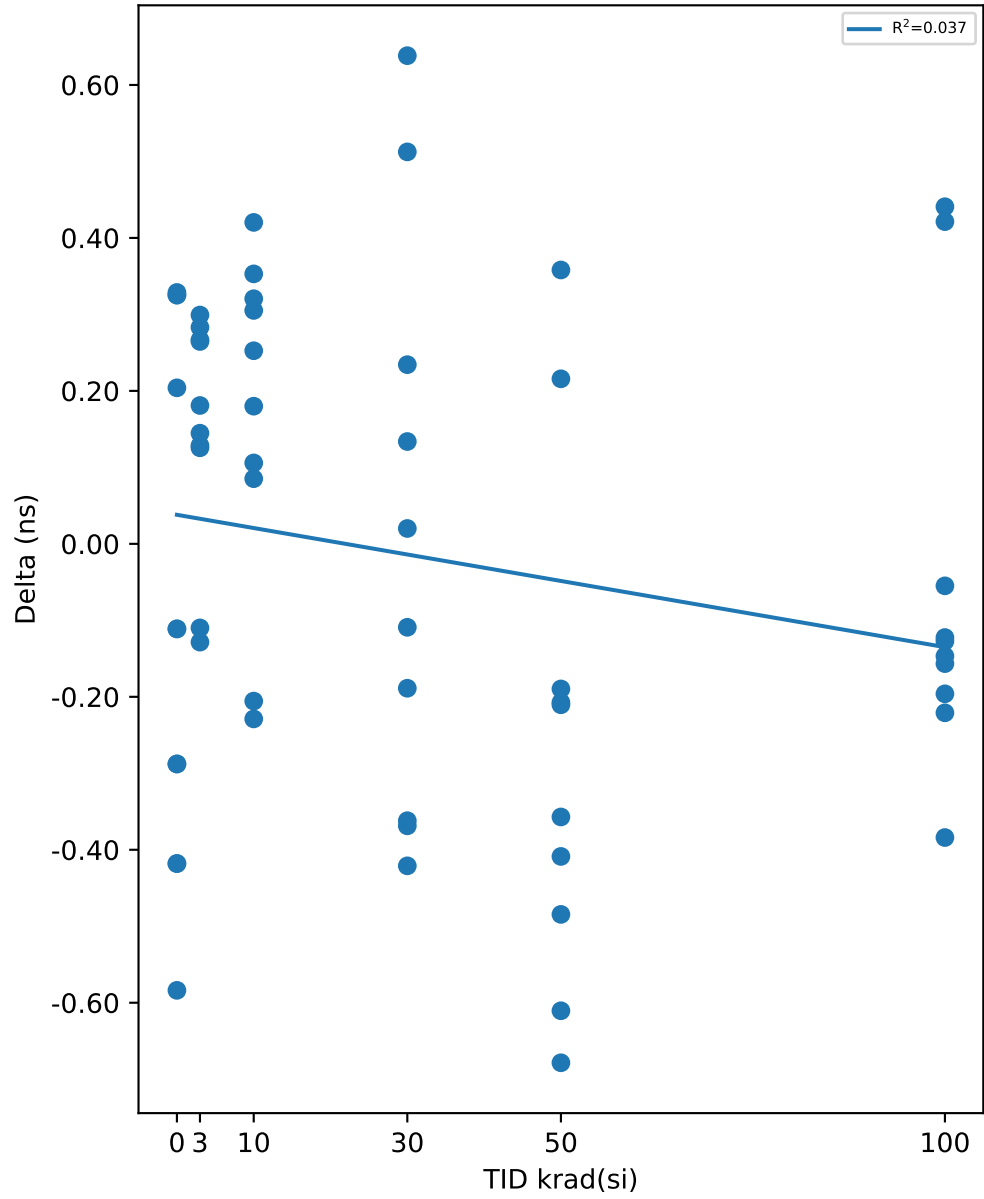
TID vs Result Stats



Test Results (Upper Limit = 21.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	7.142	6.5582	-0.5838
516	0	CORRELATION	6.9732	7.1772	0.204
721	0	CORRELATION	6.9924	7.3211	0.3287
723	0	CORRELATION	6.9755	7.3008	0.3253
729	0	CORRELATION	7.0329	6.9217	-0.1112
1000	3	Unbiased	7.0975	7.3621	0.2646
1001	3	Unbiased	7.0614	7.3606	0.2992
1002	3	Unbiased	6.9654	6.8555	-0.1099
1003	3	Unbiased	6.7736	6.9022	0.1286
1004	3	Unbiased	7.1672	7.3481	0.1809
1005	3	Biased	7.0632	7.3299	0.2667
1006	3	Biased	7.021	7.3041	0.2831
1007	3	Biased	7.0019	6.8734	-0.1285
1008	3	Biased	6.8153	6.9409	0.1256
1009	3	Biased	7.2268	7.3715	0.1447
1010	10	Unbiased	6.9326	7.3529	0.4203
1011	10	Unbiased	6.8084	6.8936	0.0852
1012	10	Unbiased	7.168	6.9391	-0.2289
1013	10	Unbiased	7.0325	7.3377	0.3052
1014	10	Unbiased	6.9472	7.2677	0.3205
1015	10	Biased	7.0706	7.3231	0.2525
1016	10	Biased	7.1617	6.9561	-0.2056
1017	10	Biased	7.0124	7.3654	0.353
1018	10	Biased	6.8169	6.9227	0.1058
1019	10	Biased	7.1597	7.3397	0.18
1020	30	Unbiased	7.2386	6.8699	-0.3687
1021	30	Unbiased	7.0972	7.3315	0.2343
1022	30	Unbiased	6.747	6.8808	0.1338
1023	30	Unbiased	7.2428	6.8218	-0.421
1024	30	Unbiased	6.839	6.6502	-0.1888
1025	30	Biased	6.7019	7.3402	0.6383
1026	30	Biased	6.9915	6.8824	-0.1091
1027	30	Biased	6.8426	6.8627	0.0201
1028	30	Biased	7.0265	6.6645	-0.362
1029	30	Biased	6.644	7.1565	0.5125
1030	50	Unbiased	7.0126	6.6555	-0.3571
1031	50	Unbiased	6.6866	7.0447	0.3581
1032	50	Unbiased	7.2266	6.8179	-0.4087
1033	50	Unbiased	6.7855	6.5958	-0.1897
1034	50	Unbiased	6.9964	7.2122	0.2158
1035	50	Biased-84Hr-Anneal	7.5017	6.8912	-0.6105
1036	50	Biased-84Hr-Anneal	6.8396	6.6323	-0.2073
1037	50	Biased-84Hr-Anneal	7.5251	6.8466	-0.6785
1038	50	Biased-84Hr-Anneal	6.8071	6.5967	-0.2104
1039	50	Biased-84Hr-Anneal	7.6678	7.1833	-0.4845
1040	100	Unbiased-168Hr-Anneal	6.7125	6.5164	-0.1961
1041	100	Unbiased-168Hr-Anneal	6.9569	6.736	-0.2209
1042	100	Unbiased-168Hr-Anneal	6.9013	6.5173	-0.384
1043	100	Unbiased-168Hr-Anneal	6.828	6.7007	-0.1273
1044	100	Unbiased-168Hr-Anneal	7.1529	7.098	-0.0549
1045	100	Biased-168Hr-Anneal	6.3666	6.8074	0.4408
1046	100	Biased-168Hr-Anneal	6.935	6.7784	-0.1566
1047	100	Biased-168Hr-Anneal	6.3307	6.752	0.4213
1048	100	Biased-168Hr-Anneal	6.9628	6.816	-0.1468
1049	100	Biased-168Hr-Anneal	6.9364	6.8139	-0.1225

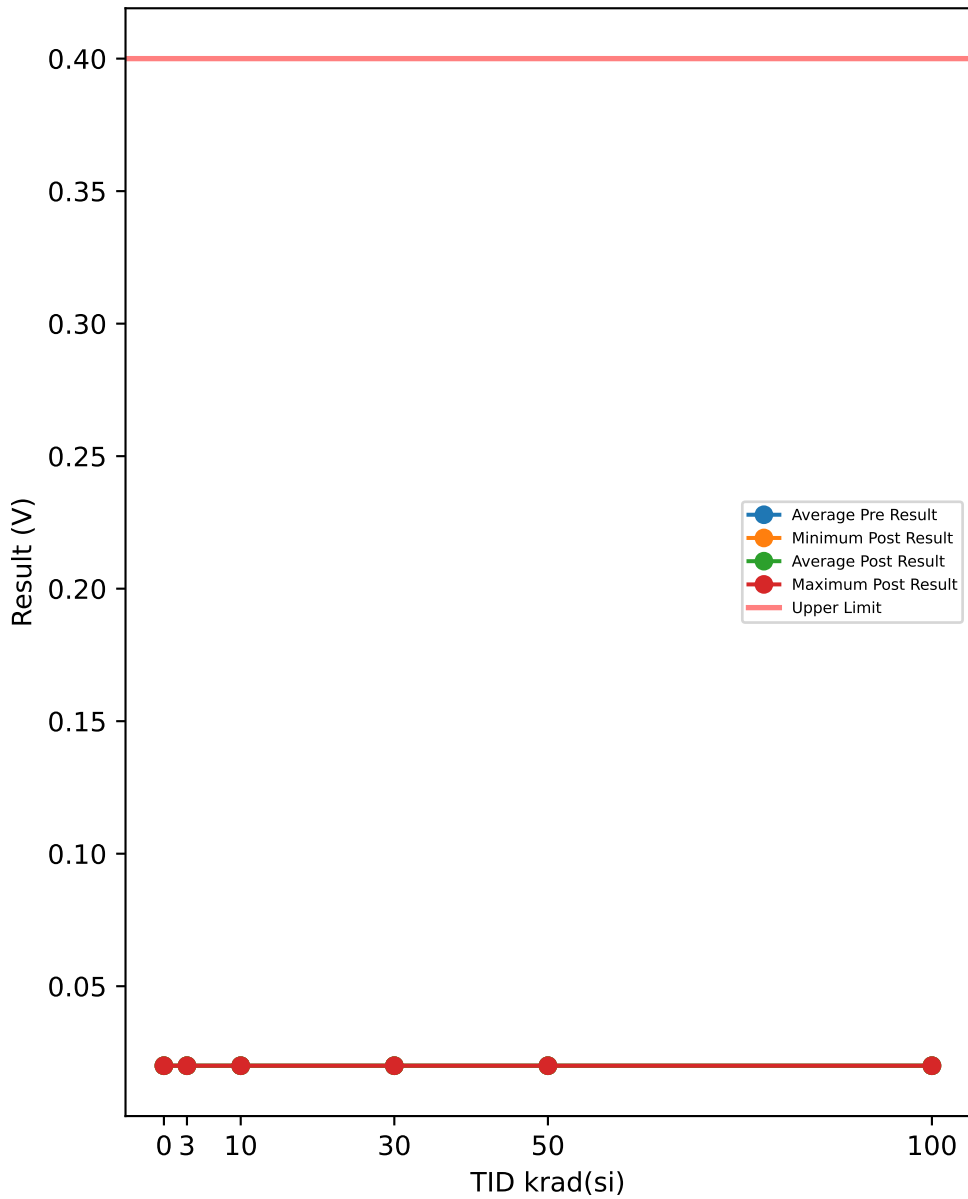
TID vs Post - Pre Exposure Delta



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	6.9732	7.0232	7.142	0.070589	6.5582	7.0558	7.3211	0.32044	-0.5838	0.0326	0.3287	0.38838
3	6.7736	7.0193	7.2268	0.1414	6.8555	7.1648	7.3715	0.23568	-0.1285	0.1455	0.2992	0.15408
10	6.8084	7.011	7.168	0.13434	6.8936	7.1698	7.3654	0.21033	-0.2289	0.1588	0.4203	0.22466
30	6.644	6.9371	7.2428	0.21521	6.6502	6.946	7.3402	0.24754	-0.421	0.00894	0.6383	0.37032
50	6.6866	7.1049	7.6678	0.35309	6.5958	6.8476	7.2122	0.23496	-0.6785	-0.25728	0.3581	0.33308
100	6.3307	6.8083	7.1529	0.26637	6.5164	6.7536	7.098	0.16495	-0.384	-0.0547	0.4408	0.27016

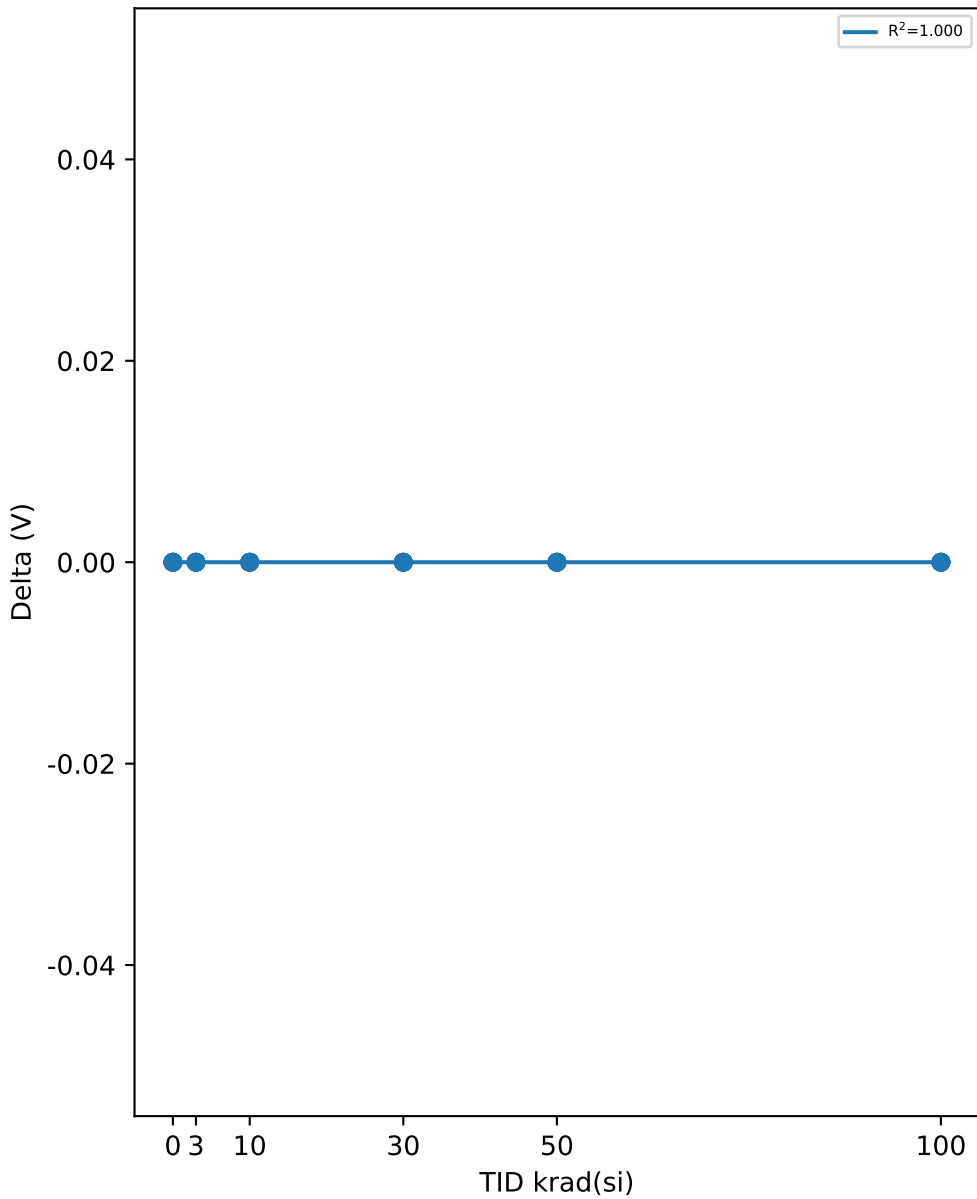
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

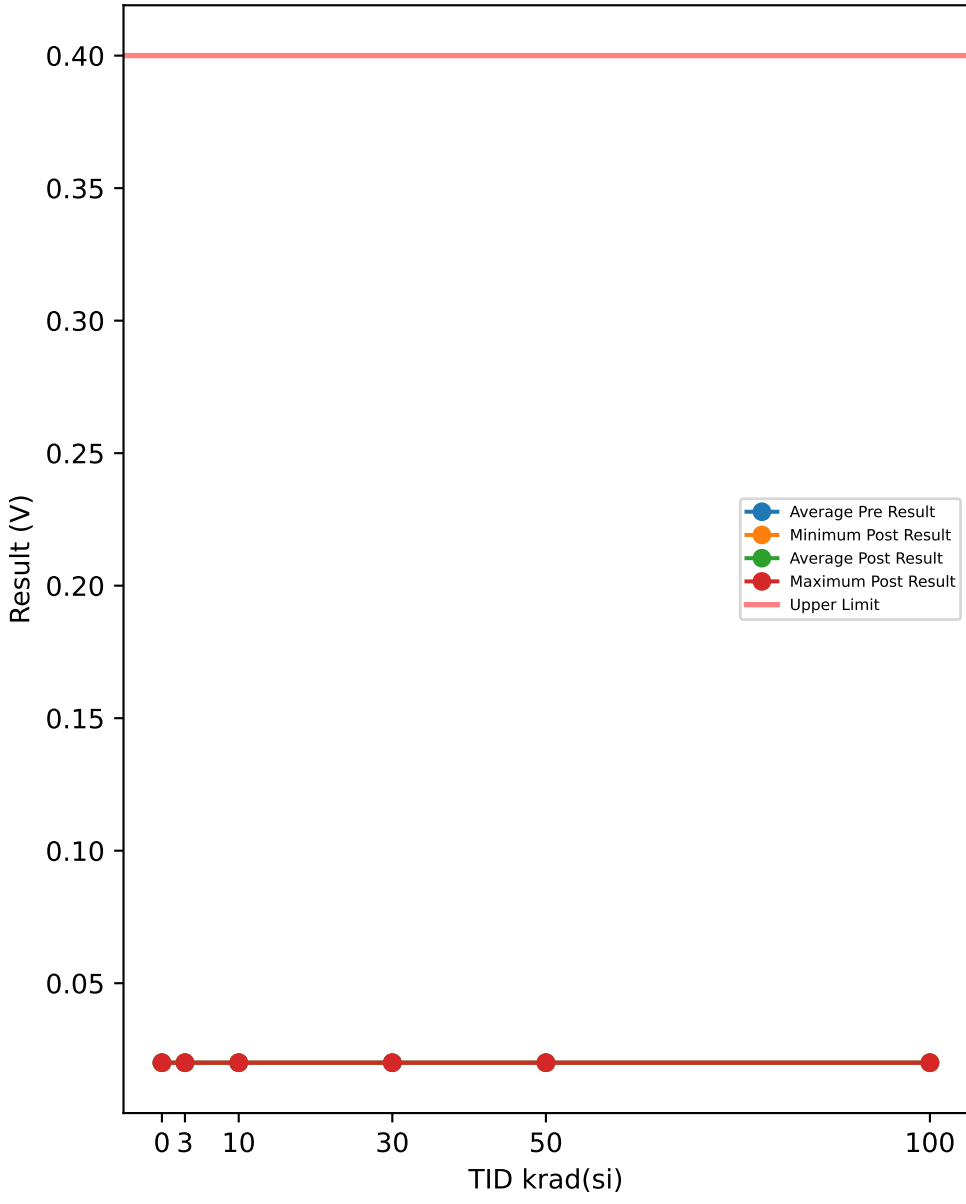
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

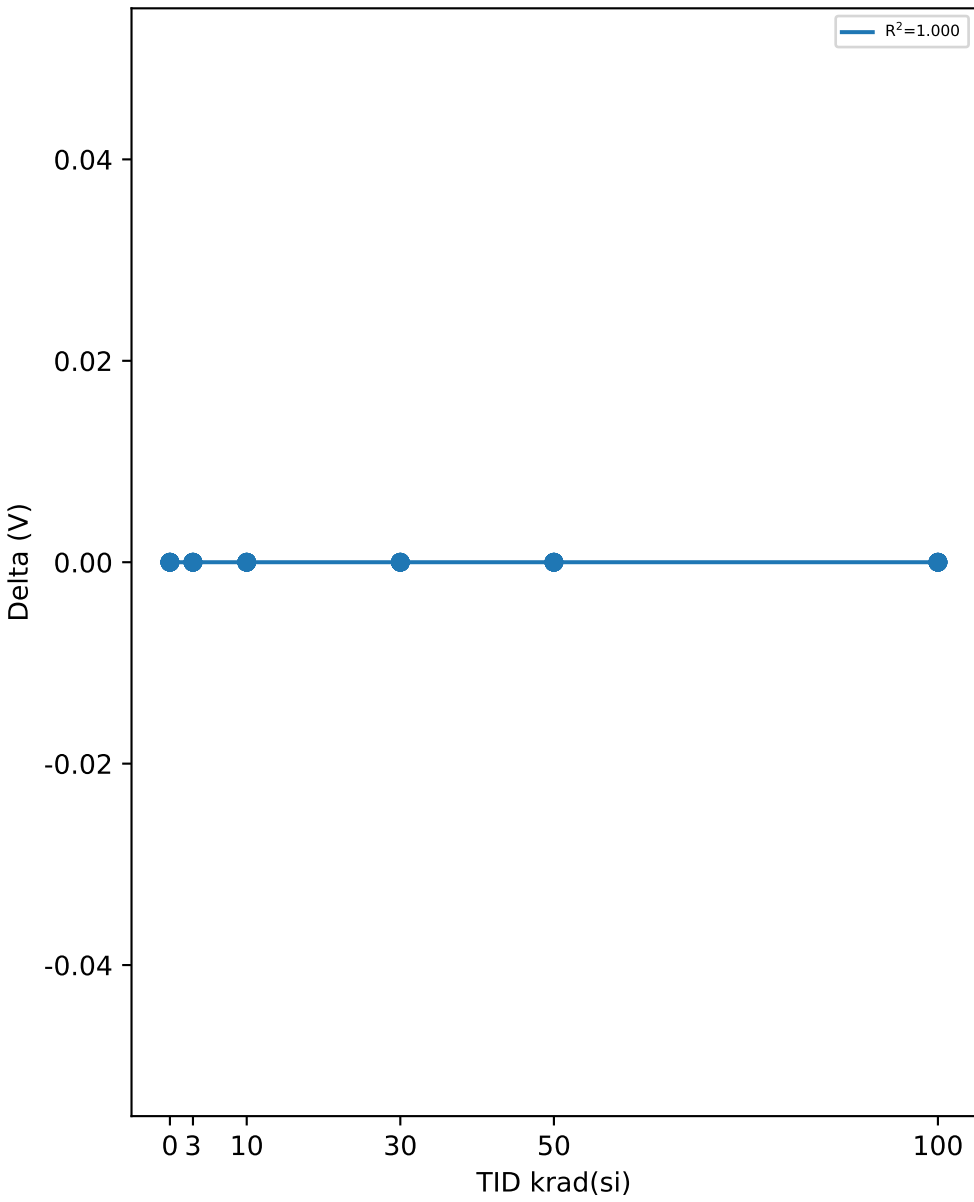
TID vs Result Stats



Test Results (Upper Limit = 0.4 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.02	0.02	0
516	0	CORRELATION	0.02	0.02	0
721	0	CORRELATION	0.02	0.02	0
723	0	CORRELATION	0.02	0.02	0
729	0	CORRELATION	0.02	0.02	0
1000	3	Unbiased	0.02	0.02	0
1001	3	Unbiased	0.02	0.02	0
1002	3	Unbiased	0.02	0.02	0
1003	3	Unbiased	0.02	0.02	0
1004	3	Unbiased	0.02	0.02	0
1005	3	Biased	0.02	0.02	0
1006	3	Biased	0.02	0.02	0
1007	3	Biased	0.02	0.02	0
1008	3	Biased	0.02	0.02	0
1009	3	Biased	0.02	0.02	0
1010	10	Unbiased	0.02	0.02	0
1011	10	Unbiased	0.02	0.02	0
1012	10	Unbiased	0.02	0.02	0
1013	10	Unbiased	0.02	0.02	0
1014	10	Unbiased	0.02	0.02	0
1015	10	Biased	0.02	0.02	0
1016	10	Biased	0.02	0.02	0
1017	10	Biased	0.02	0.02	0
1018	10	Biased	0.02	0.02	0
1019	10	Biased	0.02	0.02	0
1020	30	Unbiased	0.02	0.02	0
1021	30	Unbiased	0.02	0.02	0
1022	30	Unbiased	0.02	0.02	0
1023	30	Unbiased	0.02	0.02	0
1024	30	Unbiased	0.02	0.02	0
1025	30	Biased	0.02	0.02	0
1026	30	Biased	0.02	0.02	0
1027	30	Biased	0.02	0.02	0
1028	30	Biased	0.02	0.02	0
1029	30	Biased	0.02	0.02	0
1030	50	Unbiased	0.02	0.02	0
1031	50	Unbiased	0.02	0.02	0
1032	50	Unbiased	0.02	0.02	0
1033	50	Unbiased	0.02	0.02	0
1034	50	Unbiased	0.02	0.02	0
1035	50	Biased-84Hr-Anneal	0.02	0.02	0
1036	50	Biased-84Hr-Anneal	0.02	0.02	0
1037	50	Biased-84Hr-Anneal	0.02	0.02	0
1038	50	Biased-84Hr-Anneal	0.02	0.02	0
1039	50	Biased-84Hr-Anneal	0.02	0.02	0
1040	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1041	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1042	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1043	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1044	100	Unbiased-168Hr-Anneal	0.02	0.02	0
1045	100	Biased-168Hr-Anneal	0.02	0.02	0
1046	100	Biased-168Hr-Anneal	0.02	0.02	0
1047	100	Biased-168Hr-Anneal	0.02	0.02	0
1048	100	Biased-168Hr-Anneal	0.02	0.02	0
1049	100	Biased-168Hr-Anneal	0.02	0.02	0

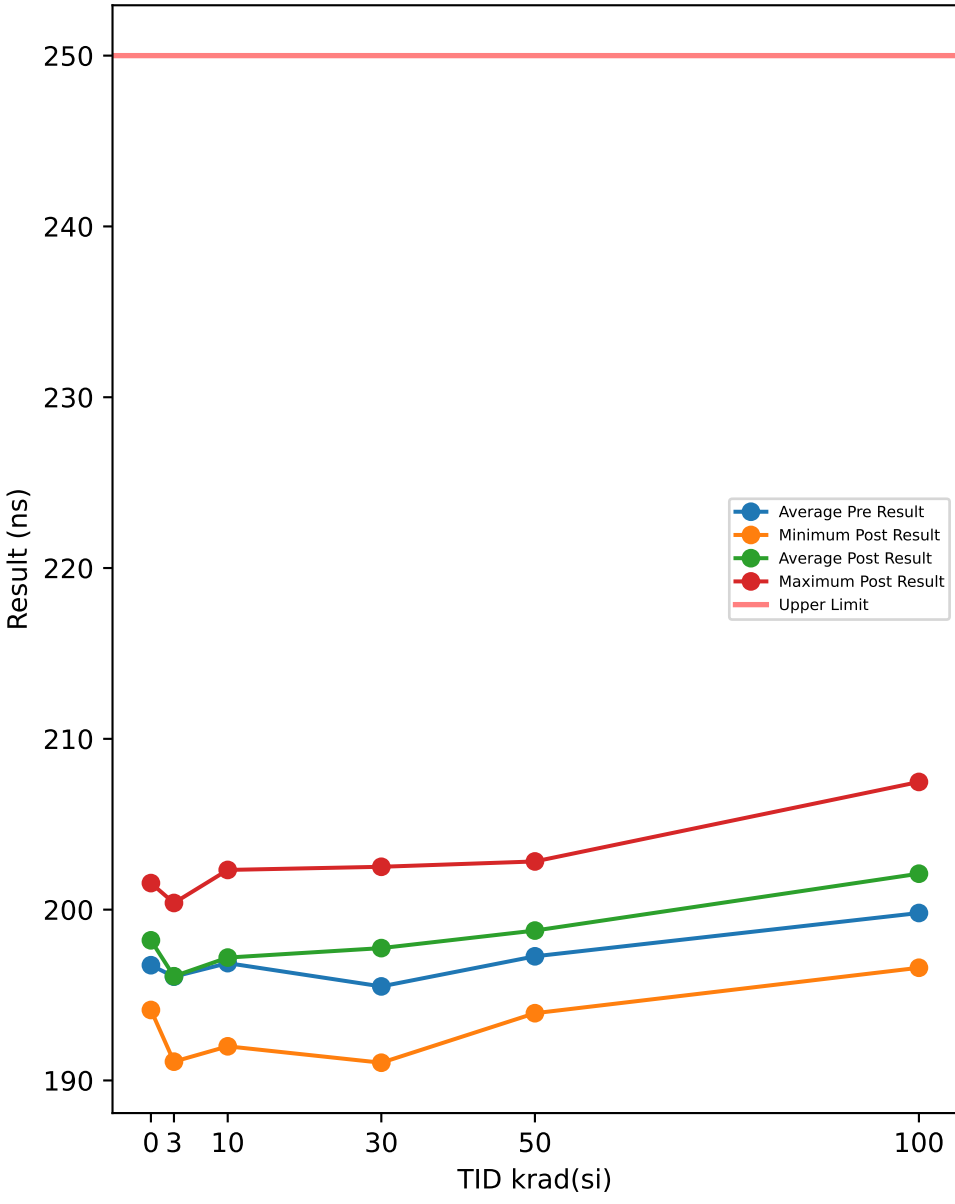
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
3	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
10	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
30	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
50	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0
100	0.02	0.02	0.02	0	0.02	0.02	0.02	0	0	0	0	0

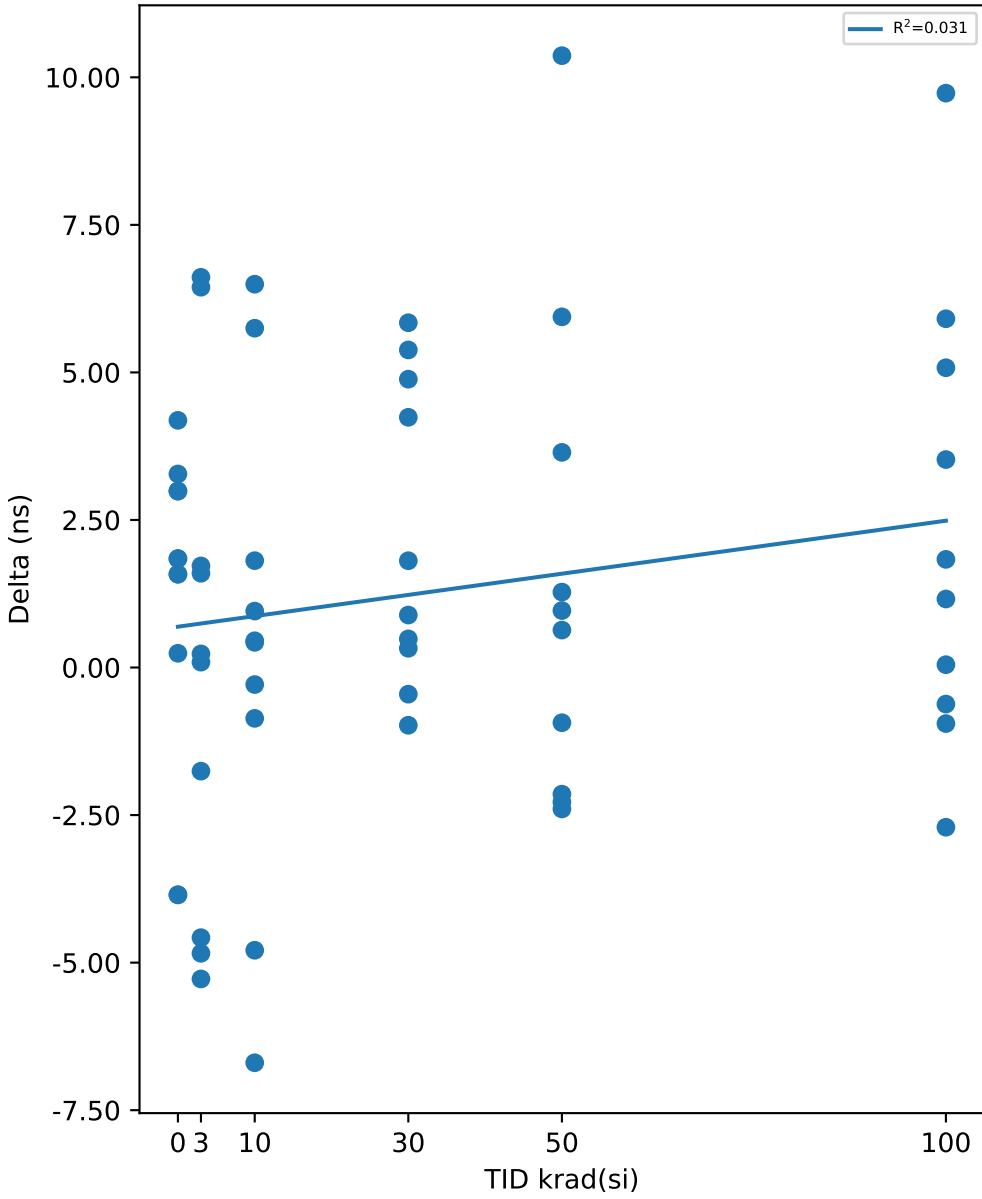
TID vs Result Stats



Test Results (Upper Limit = 250.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	198.28	201.56	3.2795
516	0	CORRELATION	195.82	200	4.1879
721	0	CORRELATION	195.09	195.33	0.2413
723	0	CORRELATION	197.98	194.13	-3.8511
729	0	CORRELATION	196.58	198.16	1.5817
1000	3	Unbiased	198.12	198.35	0.2307
1001	3	Unbiased	201.09	196.25	-4.8423
1002	3	Unbiased	196.58	198.3	1.7216
1003	3	Unbiased	187.77	194.38	6.6113
1004	3	Unbiased	201.43	196.15	-5.2766
1005	3	Biased	195.68	191.1	-4.5769
1006	3	Biased	198.17	196.41	-1.7558
1007	3	Biased	194.6	196.2	1.5969
1008	3	Biased	193.95	200.39	6.4435
1009	3	Biased	193.39	193.48	0.0909
1010	10	Unbiased	194.9	195.33	0.4262
1011	10	Unbiased	193.87	199.62	5.749
1012	10	Unbiased	201.87	202.32	0.4532
1013	10	Unbiased	199.48	200.44	0.9561
1014	10	Unbiased	196.79	192	-4.7904
1015	10	Biased	199.43	192.74	-6.6968
1016	10	Biased	196.25	198.06	1.8107
1017	10	Biased	196.31	196.03	-0.2884
1018	10	Biased	190.25	196.74	6.4946
1019	10	Biased	199.53	198.67	-0.8613
1020	30	Unbiased	201.1	201.43	0.3259
1021	30	Unbiased	201.62	202.51	0.8894
1022	30	Unbiased	192.23	198.07	5.8418
1023	30	Unbiased	194.56	198.8	4.2396
1024	30	Unbiased	197.32	199.13	1.8093
1025	30	Biased	194.69	199.58	4.8853
1026	30	Biased	195.2	195.68	0.485
1027	30	Biased	196.8	196.35	-0.4513
1028	30	Biased	189.52	194.9	5.3809
1029	30	Biased	192.02	191.04	-0.9782
1030	50	Unbiased	185	195.37	10.367
1031	50	Unbiased	198.16	198.8	0.6344
1032	50	Unbiased	197.85	201.49	3.6453
1033	50	Unbiased	193.84	195.12	1.278
1034	50	Unbiased	188	193.94	5.9414
1035	50	Biased-84Hr-Anneal	200.97	201.94	0.9651
1036	50	Biased-84Hr-Anneal	198.77	196.62	-2.1458
1037	50	Biased-84Hr-Anneal	202.24	199.97	-2.2783
1038	50	Biased-84Hr-Anneal	205.22	202.82	-2.3965
1039	50	Biased-84Hr-Anneal	202.63	201.69	-0.9352
1040	100	Unbiased-168Hr-Anneal	200.82	205.9	5.0793
1041	100	Unbiased-168Hr-Anneal	201.57	207.48	5.9092
1042	100	Unbiased-168Hr-Anneal	190.61	200.34	9.7319
1043	100	Unbiased-168Hr-Anneal	201.62	203.45	1.8322
1044	100	Unbiased-168Hr-Anneal	194.89	198.41	3.5237
1045	100	Biased-168Hr-Anneal	197.55	196.6	-0.9494
1046	100	Biased-168Hr-Anneal	198.92	198.96	0.0481
1047	100	Biased-168Hr-Anneal	205.24	202.54	-2.7059
1048	100	Biased-168Hr-Anneal	204.4	203.78	-0.6192
1049	100	Biased-168Hr-Anneal	202.44	203.6	1.1611

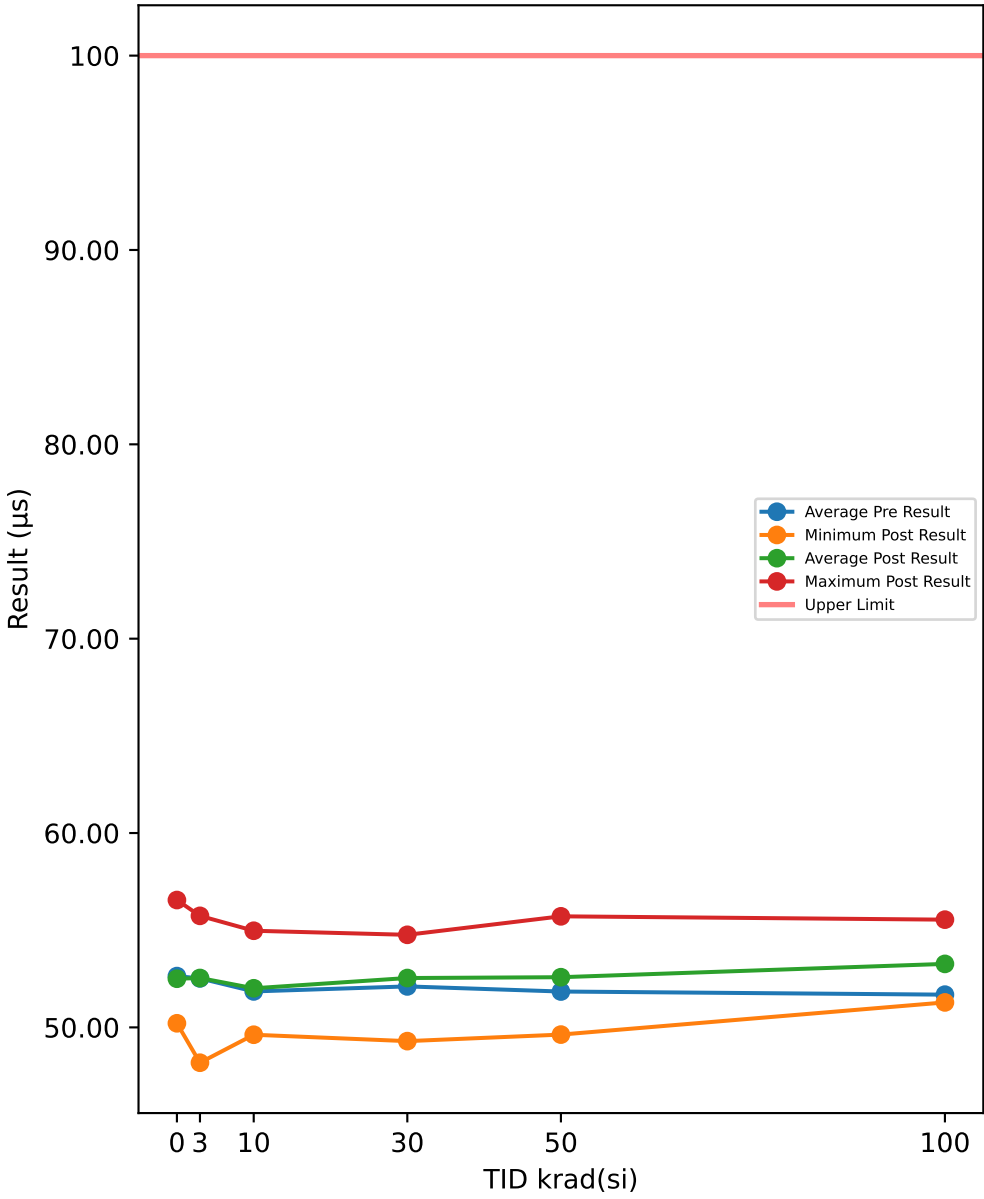
TID vs Post - Pre Exposure Delta



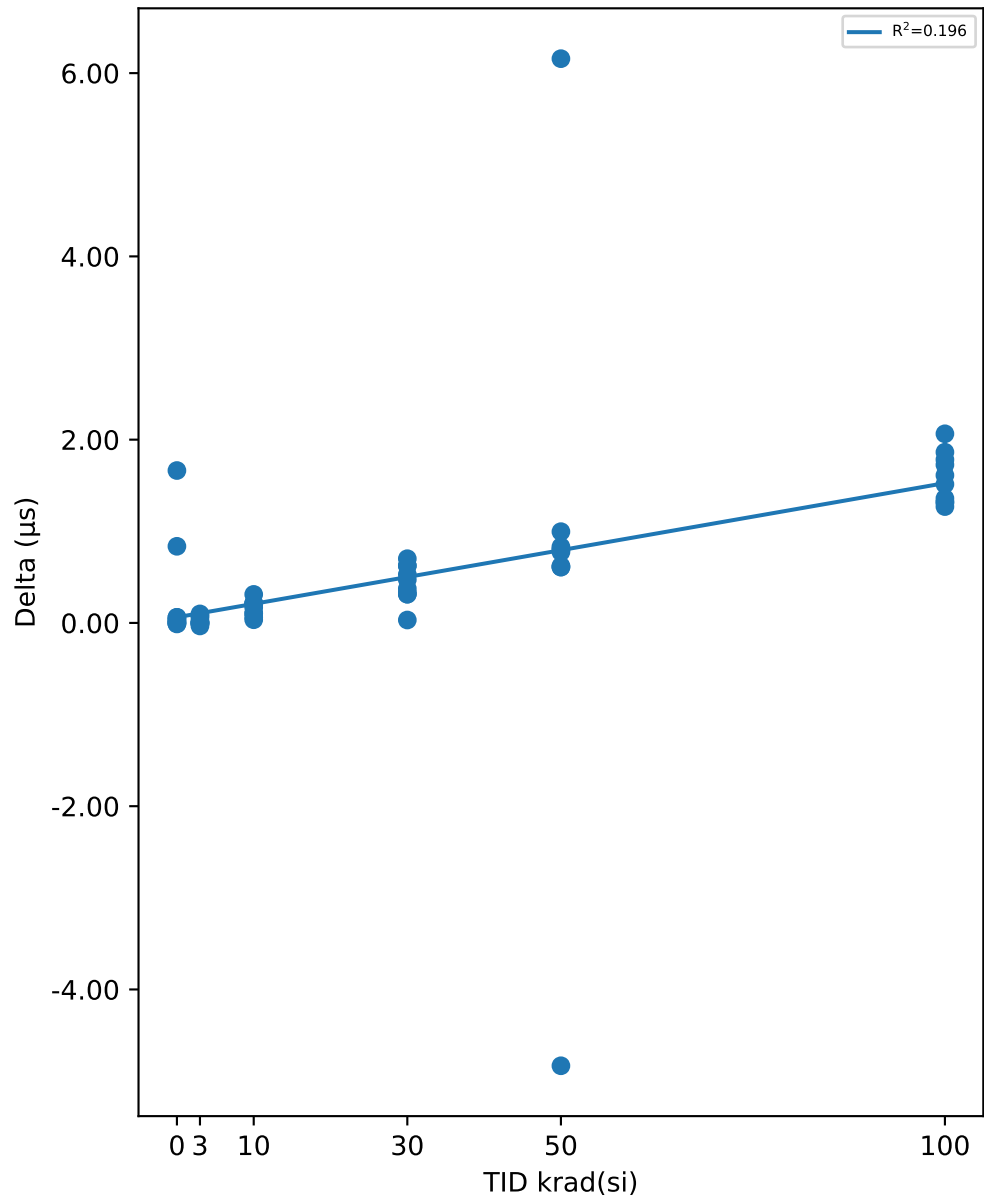
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	195.09	196.75	198.28	1.3694	194.13	197.83	201.56	3.1106	-3.8511	1.0879	4.1879	3.1531
3	187.77	196.08	201.43	4.0241	191.1	196.1	200.39	2.6511	-5.2766	0.02433	6.6113	4.2962
10	190.25	196.87	201.87	3.3813	192	197.19	202.32	3.2925	-6.6968	0.32529	6.4946	4.0466
30	189.52	195.51	201.62	3.8603	191.04	197.75	202.51	3.3674	-0.9782	2.2428	5.8418	2.586
50	185	197.27	205.22	6.5148	193.94	198.78	202.82	3.2775	-2.3965	1.5075	10.367	4.1192
100	190.61	199.8	205.24	4.4682	196.6	202.1	207.48	3.4519	-2.7059	2.3011	9.7319	3.7743

TID vs Result Stats



TID vs Post - Pre Exposure Delta



Test Results (Upper Limit = 100.0 (µs))

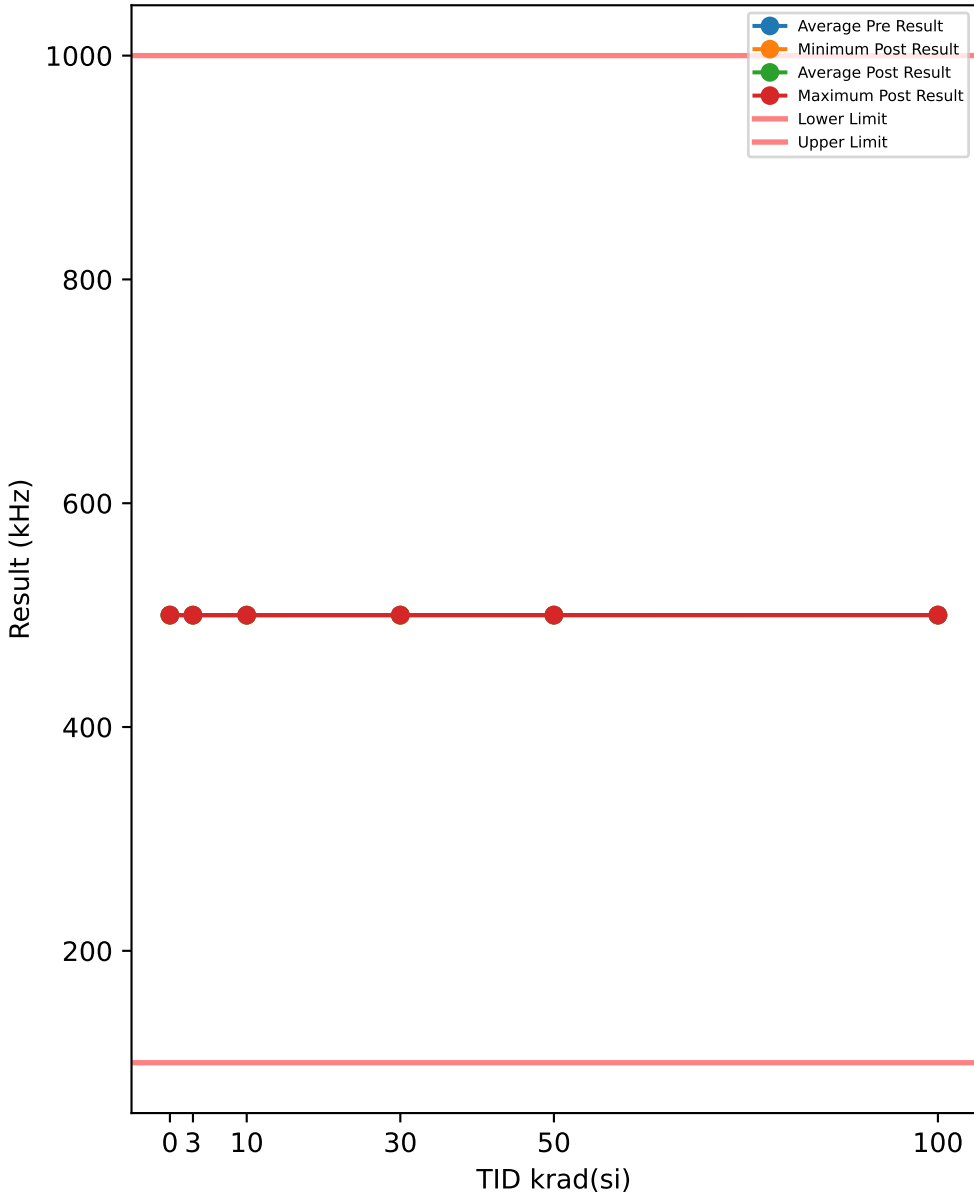
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	54.89	56.553	1.6632
516	0	CORRELATION	54.197	55.033	0.8362
721	0	CORRELATION	50.222	50.211	-0.011
723	0	CORRELATION	50.518	50.553	0.0351
729	0	CORRELATION	53.367	53.377	0.0097
1000	3	Unbiased	51.181	51.194	0.0127
1001	3	Unbiased	53.056	53.135	0.0791
1002	3	Unbiased	51.802	51.815	0.0126
1003	3	Unbiased	51.61	51.611	0.0008
1004	3	Unbiased	54.023	54.02	-0.0028
1005	3	Biased	55.747	55.739	-0.0078
1006	3	Biased	54.89	54.947	0.0567
1007	3	Biased	50.468	50.435	-0.033
1008	3	Biased	48.188	48.182	-0.006
1009	3	Biased	54.239	54.337	0.0984
1010	10	Unbiased	53.511	53.727	0.2168
1011	10	Unbiased	51.641	51.81	0.1685
1012	10	Unbiased	52.28	52.381	0.1007
1013	10	Unbiased	51.637	51.697	0.0609
1014	10	Unbiased	51.642	51.954	0.3114
1015	10	Biased	54.757	54.972	0.2158
1016	10	Biased	51.329	51.533	0.2045
1017	10	Biased	49.425	49.622	0.1967
1018	10	Biased	52.323	52.432	0.1084
1019	10	Biased	49.958	49.993	0.0348
1020	30	Unbiased	49.884	50.356	0.4724
1021	30	Unbiased	54.431	54.763	0.3319
1022	30	Unbiased	51.576	51.608	0.0319
1023	30	Unbiased	50.279	50.654	0.3746
1024	30	Unbiased	52.885	53.51	0.6252
1025	30	Biased	53.019	53.547	0.5287
1026	30	Biased	53.304	53.928	0.6237
1027	30	Biased	48.979	49.293	0.3136
1028	30	Biased	53.458	54.159	0.7009
1029	30	Biased	53.269	53.583	0.314
1030	50	Unbiased	53.424	54.197	0.7738
1031	50	Unbiased	54.719	55.715	0.996
1032	50	Unbiased	50.853	51.685	0.8315
1033	50	Unbiased	51.163	51.97	0.8077
1034	50	Unbiased	50.733	51.525	0.7922
1035	50	Biased-84Hr-Anneal	49.924	50.535	0.6109
1036	50	Biased-84Hr-Anneal	52.241	52.863	0.6218
1037	50	Biased-84Hr-Anneal	51.973	52.582	0.609
1038	50	Biased-84Hr-Anneal	54.462	49.629	-4.8328
1039	50	Biased-84Hr-Anneal	48.962	55.12	6.1577
1040	100	Unbiased-168Hr-Anneal	53.248	54.973	1.7257
1041	100	Unbiased-168Hr-Anneal	49.705	51.487	1.7816
1042	100	Unbiased-168Hr-Anneal	52.157	53.472	1.3151
1043	100	Unbiased-168Hr-Anneal	53.858	55.178	1.3199
1044	100	Unbiased-168Hr-Anneal	50.038	51.65	1.6111
1045	100	Biased-168Hr-Anneal	52.254	53.612	1.359
1046	100	Biased-168Hr-Anneal	49.664	51.728	2.0641
1047	100	Biased-168Hr-Anneal	54.274	55.544	1.2696
1048	100	Biased-168Hr-Anneal	49.771	51.285	1.5135
1049	100	Biased-168Hr-Anneal	51.877	53.74	1.8632

Test Statistics (µs)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	50.222	52.639	54.89	2.1427	50.211	53.145	56.553	2.764	-0.011	0.50664	1.6632	0.73883
3	48.188	52.52	55.747	2.3008	48.182	52.541	55.739	2.3196	-0.033	0.02107	0.0984	0.042465
10	49.425	51.85	54.757	1.5448	49.622	52.012	54.972	1.5698	0.0348	0.16185	0.3114	0.084526
30	48.979	52.108	54.431	1.8195	49.293	52.54	54.763	1.8936	0.0319	0.43169	0.7009	0.19964
50	48.962	51.845	54.719	1.8991	49.629	52.582	55.715	1.9479	-4.8328	0.73678	6.1577	2.5935
100	49.664	51.685	54.274	1.7896	51.285	53.267	55.544	1.6401	1.2696	1.5823	2.0641	0.27178

Device Test: 24.8 FREQ|500kHz/SYNC1/4.5//OPEN//@SYNC_FREQ_RANGE

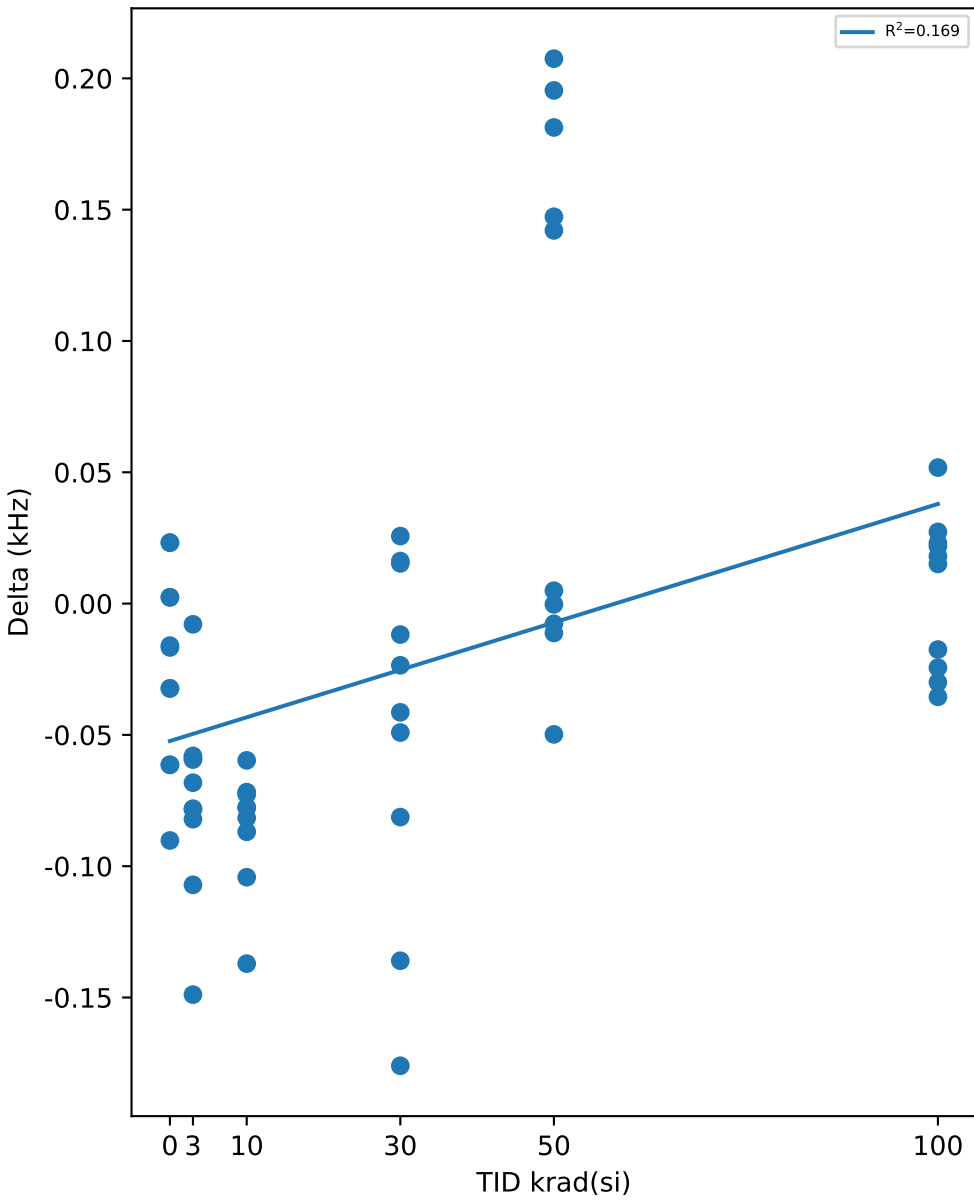
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	500.06	500.04	-0.0167
516	0	CORRELATION	500.06	500.04	-0.016
721	0	CORRELATION	500.02	499.93	-0.0902
723	0	CORRELATION	500.02	499.96	-0.0614
729	0	CORRELATION	500.01	499.98	-0.0323
1000	3	Unbiased	500.03	499.95	-0.0821
1001	3	Unbiased	500.02	499.96	-0.0588
1002	3	Unbiased	500.03	499.98	-0.058
1003	3	Unbiased	500.05	499.98	-0.0682
1004	3	Unbiased	500.03	499.95	-0.0781
1005	3	Biased	500.02	499.96	-0.0594
1006	3	Biased	500.03	499.93	-0.1071
1007	3	Biased	499.98	499.97	-0.0079
1008	3	Biased	500.06	499.98	-0.0784
1009	3	Biased	500.08	499.93	-0.1489
1010	10	Unbiased	500.1	499.96	-0.1371
1011	10	Unbiased	500.03	499.97	-0.0597
1012	10	Unbiased	500.06	499.99	-0.0776
1013	10	Unbiased	500.04	499.93	-0.1042
1014	10	Unbiased	500.03	499.96	-0.0718
1015	10	Biased	500.04	499.95	-0.0869
1016	10	Biased	500.04	499.97	-0.0726
1017	10	Biased	500.01	499.93	-0.0816
1018	10	Biased	500.05	499.98	-0.0723
1019	10	Biased	500.02	499.95	-0.0777
1020	30	Unbiased	500.04	499.96	-0.0813
1021	30	Unbiased	500.03	499.86	-0.176
1022	30	Unbiased	500.03	499.99	-0.0414
1023	30	Unbiased	500.02	500	-0.0235
1024	30	Unbiased	500.01	500.04	0.0257
1025	30	Biased	500.08	499.94	-0.136
1026	30	Biased	500.02	499.97	-0.0491
1027	30	Biased	500	500.02	0.0162
1028	30	Biased	500.06	500.04	-0.0118
1029	30	Biased	500.03	500.05	0.0153
1030	50	Unbiased	500.04	500.04	-0.0003
1031	50	Unbiased	500.03	500.03	-0.0077
1032	50	Unbiased	500.03	500.02	-0.0112
1033	50	Unbiased	500.02	500.02	0.0049
1034	50	Unbiased	500.08	500.03	-0.0498
1035	50	Biased-84Hr-Anneal	499.86	500	0.1473
1036	50	Biased-84Hr-Anneal	499.87	500.05	0.1813
1037	50	Biased-84Hr-Anneal	499.87	500.01	0.1421
1038	50	Biased-84Hr-Anneal	499.86	500.06	0.1954
1039	50	Biased-84Hr-Anneal	499.85	500.05	0.2075
1040	100	Unbiased-168Hr-Anneal	500.06	500.08	0.0218
1041	100	Unbiased-168Hr-Anneal	500.07	500.03	-0.0355
1042	100	Unbiased-168Hr-Anneal	500.05	500.03	-0.0244
1043	100	Unbiased-168Hr-Anneal	500.03	500	-0.03
1044	100	Unbiased-168Hr-Anneal	500.02	500.04	0.0151
1045	100	Biased-168Hr-Anneal	500.01	499.99	-0.0175
1046	100	Biased-168Hr-Anneal	499.97	500.02	0.0518
1047	100	Biased-168Hr-Anneal	500	500.03	0.0231
1048	100	Biased-168Hr-Anneal	499.97	499.99	0.018
1049	100	Biased-168Hr-Anneal	499.99	500.01	0.0273

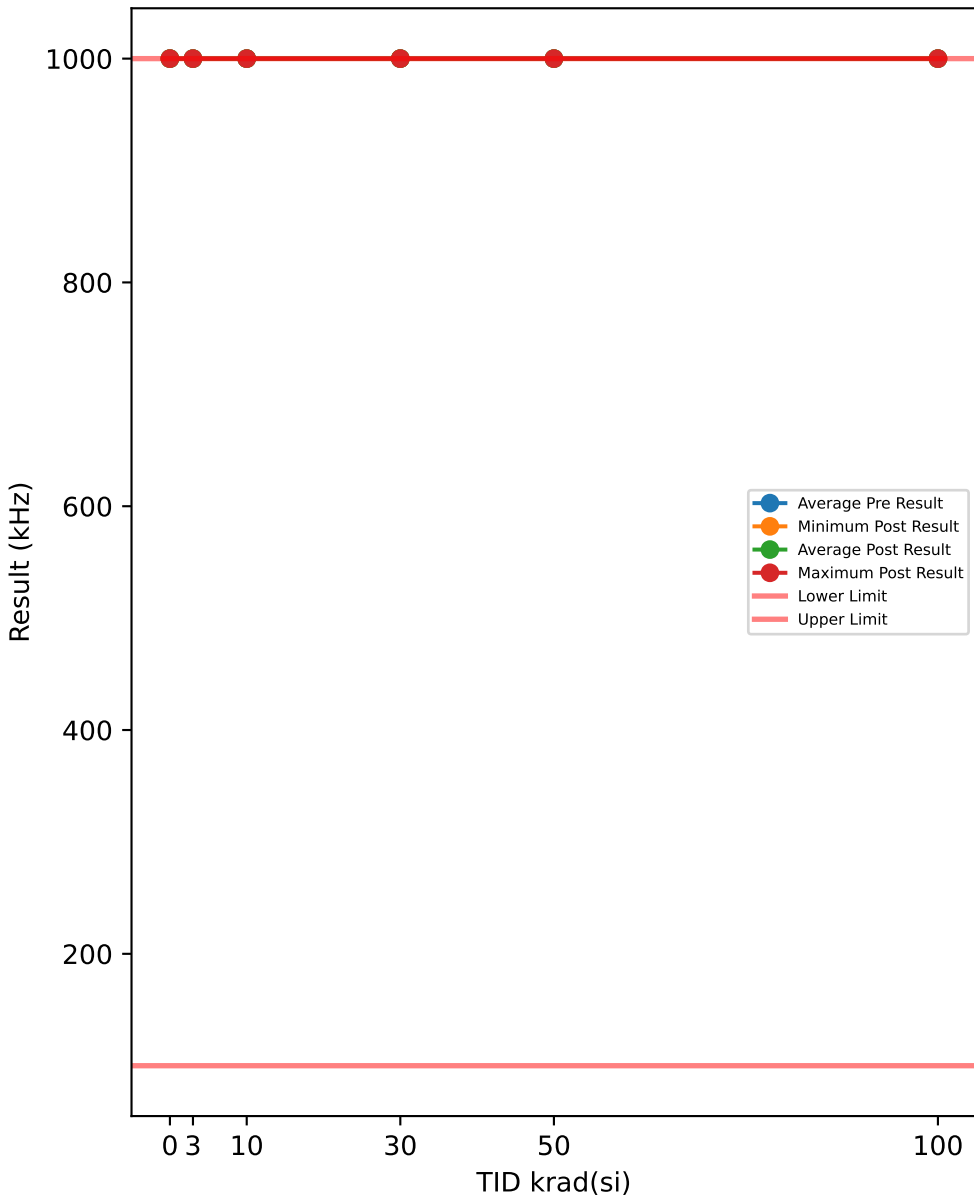
TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.01	500.03	500.06	0.021649	499.93	499.99	500.04	0.048894	-0.0902	-0.04332	-0.016	0.03202
3	499.98	500.03	500.08	0.025521	499.93	499.96	499.98	0.019602	-0.1489	-0.07469	-0.0079	0.036371
10	500.01	500.04	500.1	0.02372	499.93	499.96	499.99	0.019214	-0.1371	-0.08415	-0.0597	0.02193
30	500	500.03	500.08	0.021626	499.86	499.99	500.05	0.058829	-0.176	-0.04619	0.0257	0.067264
50	499.85	499.95	500.08	0.097481	500	500.03	500.06	0.01838	-0.0498	0.08095	0.2075	0.10174
100	499.97	500.02	500.07	0.03537	499.99	500.02	500.08	0.02788	-0.0355	0.00497	0.0518	0.029447

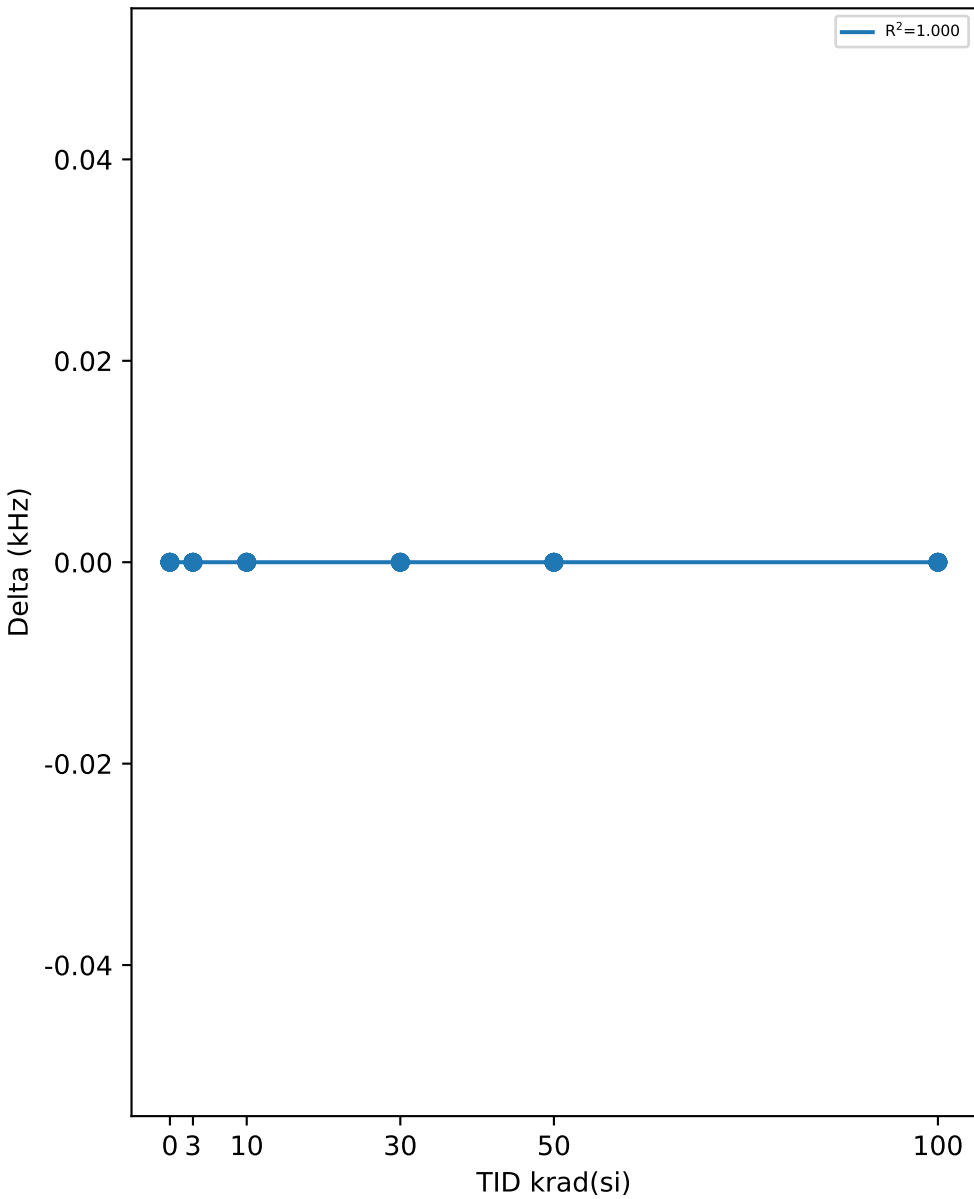
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1000	1000	0
516	0	CORRELATION	1000	1000	0
721	0	CORRELATION	1000	1000	0
723	0	CORRELATION	1000	1000	0
729	0	CORRELATION	1000	1000	0
1000	3	Unbiased	1000	1000	0
1001	3	Unbiased	1000	1000	0
1002	3	Unbiased	1000	1000	0
1003	3	Unbiased	1000	1000	0
1004	3	Unbiased	1000	1000	0
1005	3	Biased	1000	1000	0
1006	3	Biased	1000	1000	0
1007	3	Biased	1000	1000	0
1008	3	Biased	1000	1000	0
1009	3	Biased	1000	1000	0
1010	10	Unbiased	1000	1000	0
1011	10	Unbiased	1000	1000	0
1012	10	Unbiased	1000	1000	0
1013	10	Unbiased	1000	1000	0
1014	10	Unbiased	1000	1000	0
1015	10	Biased	1000	1000	0
1016	10	Biased	1000	1000	0
1017	10	Biased	1000	1000	0
1018	10	Biased	1000	1000	0
1019	10	Biased	1000	1000	0
1020	30	Unbiased	1000	1000	0
1021	30	Unbiased	1000	1000	0
1022	30	Unbiased	1000	1000	0
1023	30	Unbiased	1000	1000	0
1024	30	Unbiased	1000	1000	0
1025	30	Biased	1000	1000	0
1026	30	Biased	1000	1000	0
1027	30	Biased	1000	1000	0
1028	30	Biased	1000	1000	0
1029	30	Biased	1000	1000	0
1030	50	Unbiased	1000	1000	0
1031	50	Unbiased	1000	1000	0
1032	50	Unbiased	1000	1000	0
1033	50	Unbiased	1000	1000	0
1034	50	Unbiased	1000	1000	0
1035	50	Biased-84Hr-Anneal	1000	1000	0
1036	50	Biased-84Hr-Anneal	1000	1000	0
1037	50	Biased-84Hr-Anneal	1000	1000	0
1038	50	Biased-84Hr-Anneal	1000	1000	0
1039	50	Biased-84Hr-Anneal	1000	1000	0
1040	100	Unbiased-168Hr-Anneal	1000	1000	0
1041	100	Unbiased-168Hr-Anneal	1000	1000	0
1042	100	Unbiased-168Hr-Anneal	1000	1000	0
1043	100	Unbiased-168Hr-Anneal	1000	1000	0
1044	100	Unbiased-168Hr-Anneal	1000	1000	0
1045	100	Biased-168Hr-Anneal	1000	1000	0
1046	100	Biased-168Hr-Anneal	1000	1000	0
1047	100	Biased-168Hr-Anneal	1000	1000	0
1048	100	Biased-168Hr-Anneal	1000	1000	0
1049	100	Biased-168Hr-Anneal	1000	1000	0

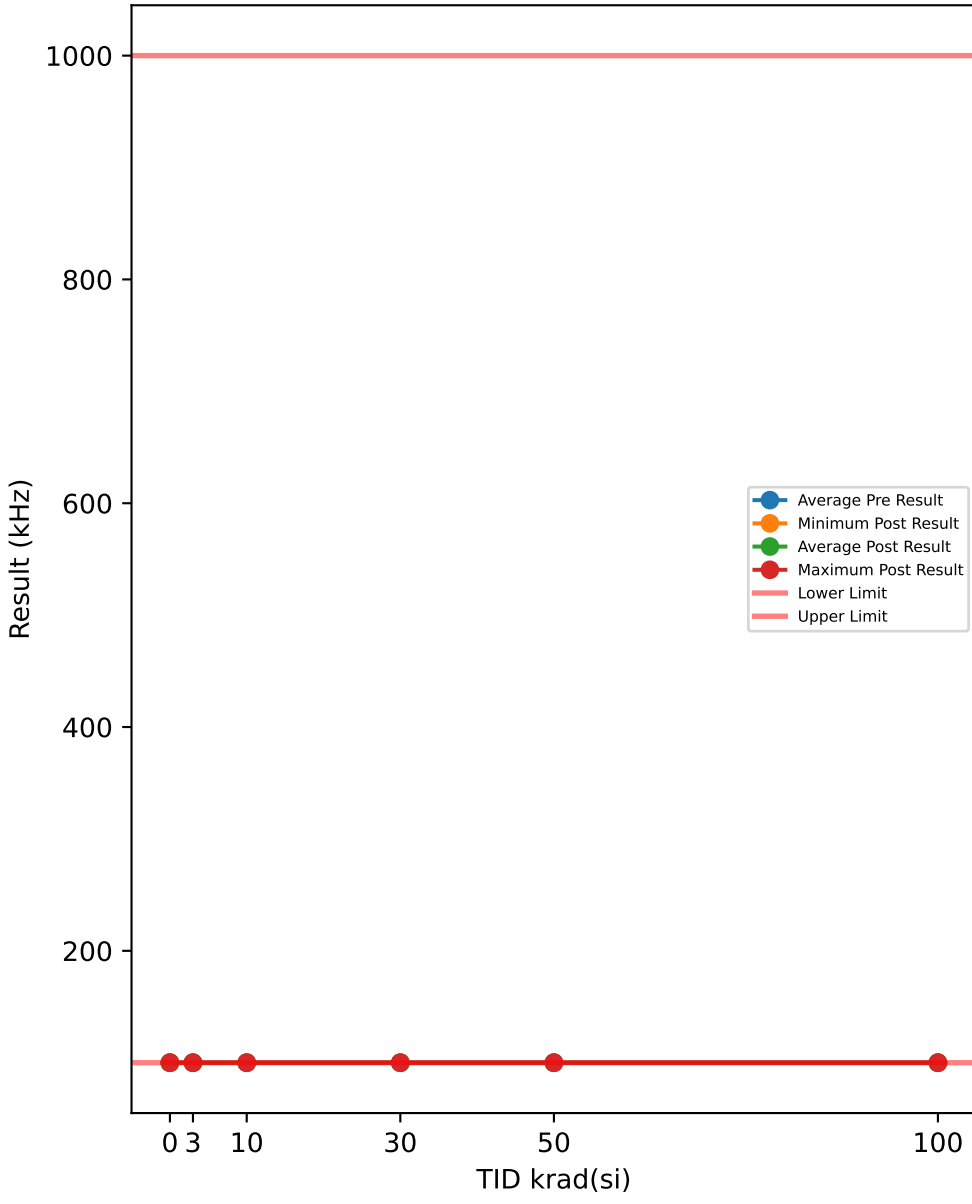
TID vs Post - Pre Exposure Delta



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
3	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
10	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
30	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
50	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
100	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0

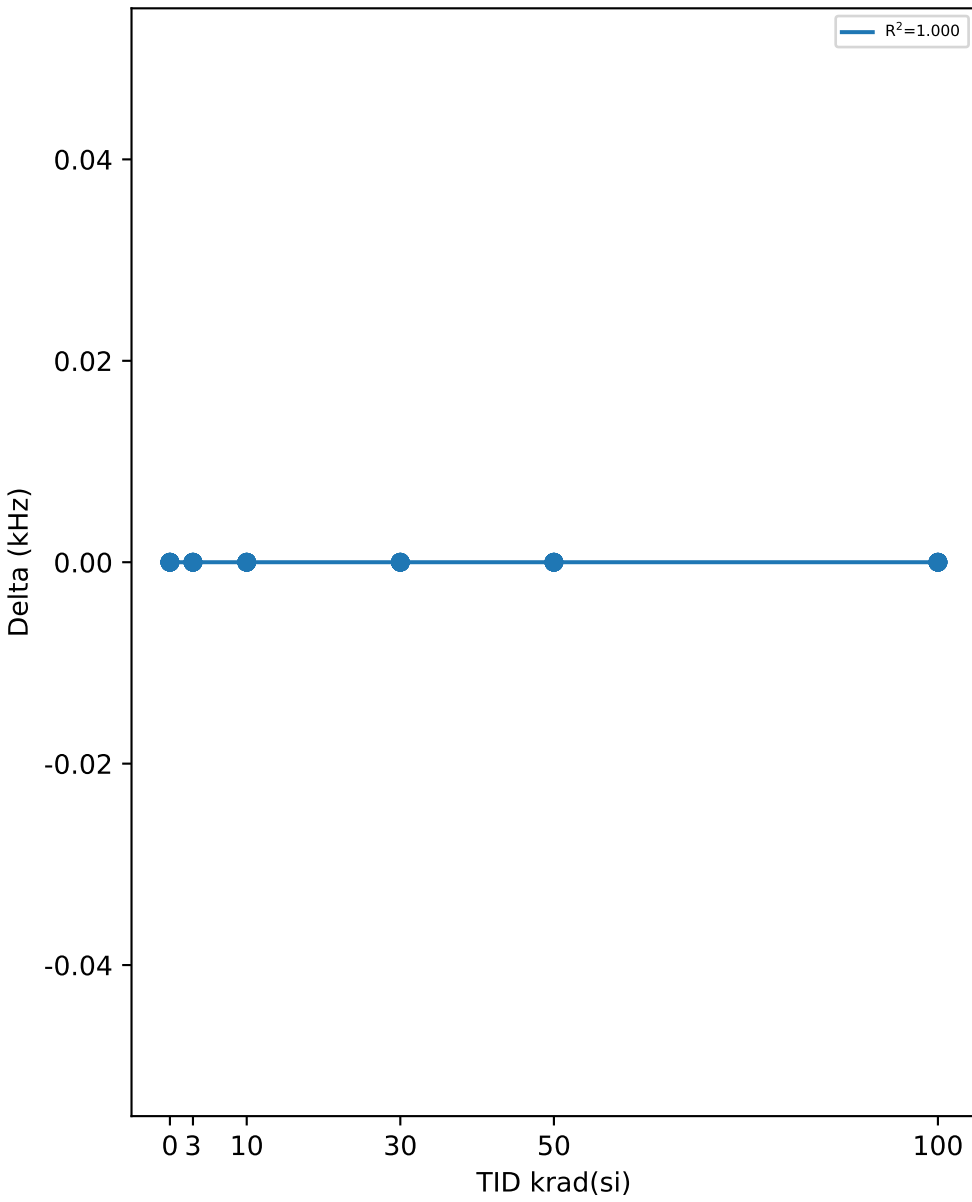
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

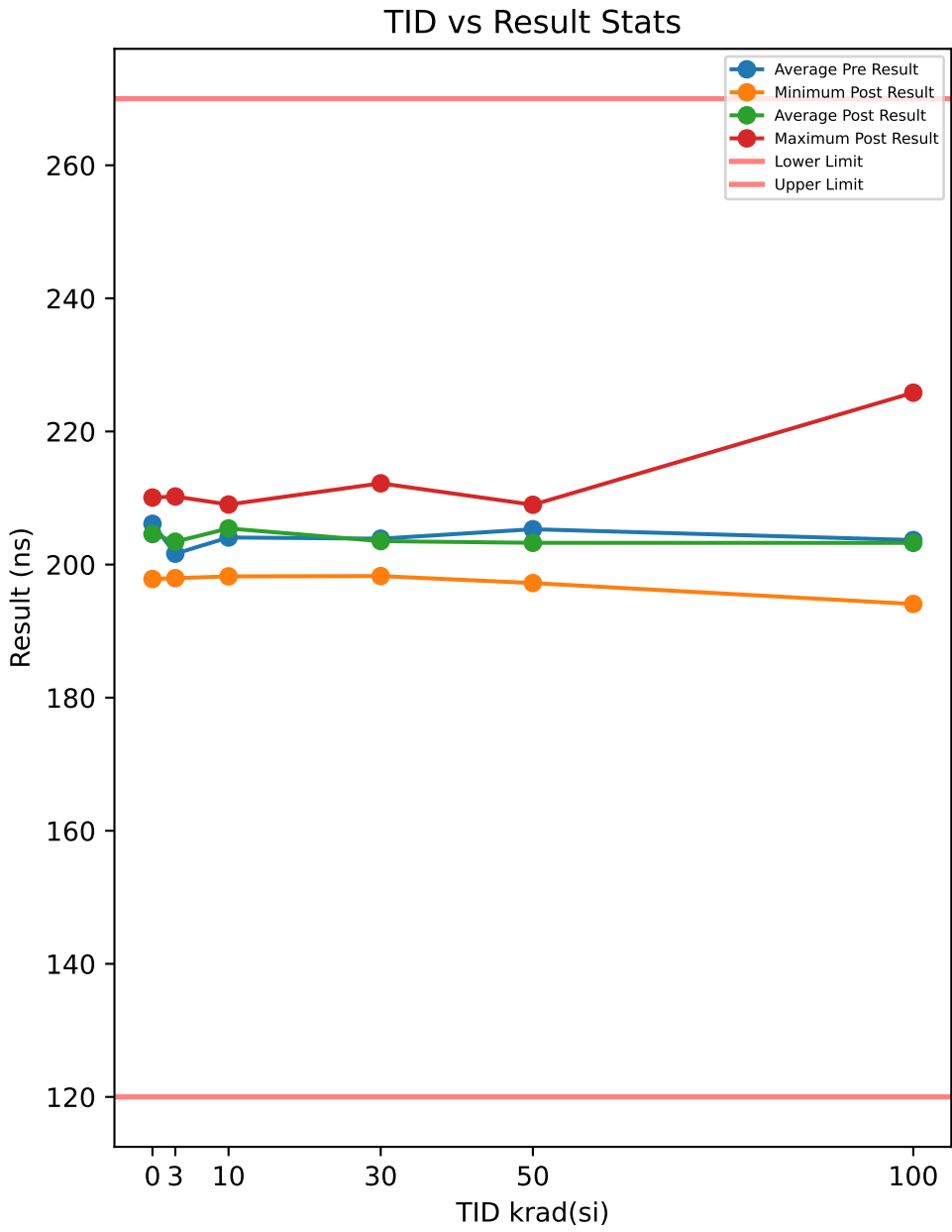
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	100	100	0
516	0	CORRELATION	100	100	0
721	0	CORRELATION	100	100	0
723	0	CORRELATION	100	100	0
729	0	CORRELATION	100	100	0
1000	3	Unbiased	100	100	0
1001	3	Unbiased	100	100	0
1002	3	Unbiased	100	100	0
1003	3	Unbiased	100	100	0
1004	3	Unbiased	100	100	0
1005	3	Biased	100	100	0
1006	3	Biased	100	100	0
1007	3	Biased	100	100	0
1008	3	Biased	100	100	0
1009	3	Biased	100	100	0
1010	10	Unbiased	100	100	0
1011	10	Unbiased	100	100	0
1012	10	Unbiased	100	100	0
1013	10	Unbiased	100	100	0
1014	10	Unbiased	100	100	0
1015	10	Biased	100	100	0
1016	10	Biased	100	100	0
1017	10	Biased	100	100	0
1018	10	Biased	100	100	0
1019	10	Biased	100	100	0
1020	30	Unbiased	100	100	0
1021	30	Unbiased	100	100	0
1022	30	Unbiased	100	100	0
1023	30	Unbiased	100	100	0
1024	30	Unbiased	100	100	0
1025	30	Biased	100	100	0
1026	30	Biased	100	100	0
1027	30	Biased	100	100	0
1028	30	Biased	100	100	0
1029	30	Biased	100	100	0
1030	50	Unbiased	100	100	0
1031	50	Unbiased	100	100	0
1032	50	Unbiased	100	100	0
1033	50	Unbiased	100	100	0
1034	50	Unbiased	100	100	0
1035	50	Biased-84Hr-Anneal	100	100	0
1036	50	Biased-84Hr-Anneal	100	100	0
1037	50	Biased-84Hr-Anneal	100	100	0
1038	50	Biased-84Hr-Anneal	100	100	0
1039	50	Biased-84Hr-Anneal	100	100	0
1040	100	Unbiased-168Hr-Anneal	100	100	0
1041	100	Unbiased-168Hr-Anneal	100	100	0
1042	100	Unbiased-168Hr-Anneal	100	100	0
1043	100	Unbiased-168Hr-Anneal	100	100	0
1044	100	Unbiased-168Hr-Anneal	100	100	0
1045	100	Biased-168Hr-Anneal	100	100	0
1046	100	Biased-168Hr-Anneal	100	100	0
1047	100	Biased-168Hr-Anneal	100	100	0
1048	100	Biased-168Hr-Anneal	100	100	0
1049	100	Biased-168Hr-Anneal	100	100	0

TID vs Post - Pre Exposure Delta



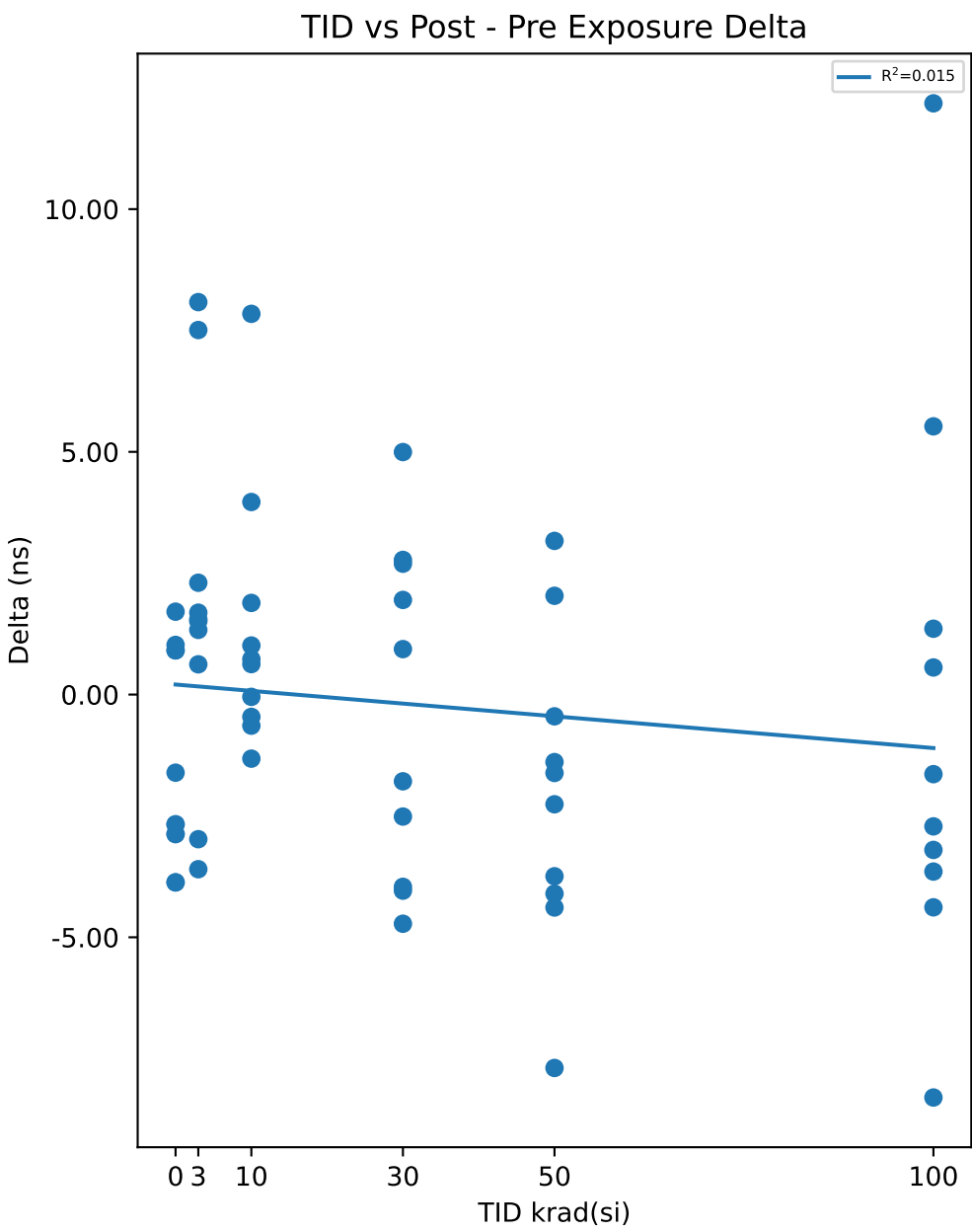
Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	100	100	100	0	100	100	100	0	0	0	0	0
3	100	100	100	0	100	100	100	0	0	0	0	0
10	100	100	100	0	100	100	100	0	0	0	0	0
30	100	100	100	0	100	100	100	0	0	0	0	0
50	100	100	100	0	100	100	100	0	0	0	0	0
100	100	100	100	0	100	100	100	0	0	0	0	0



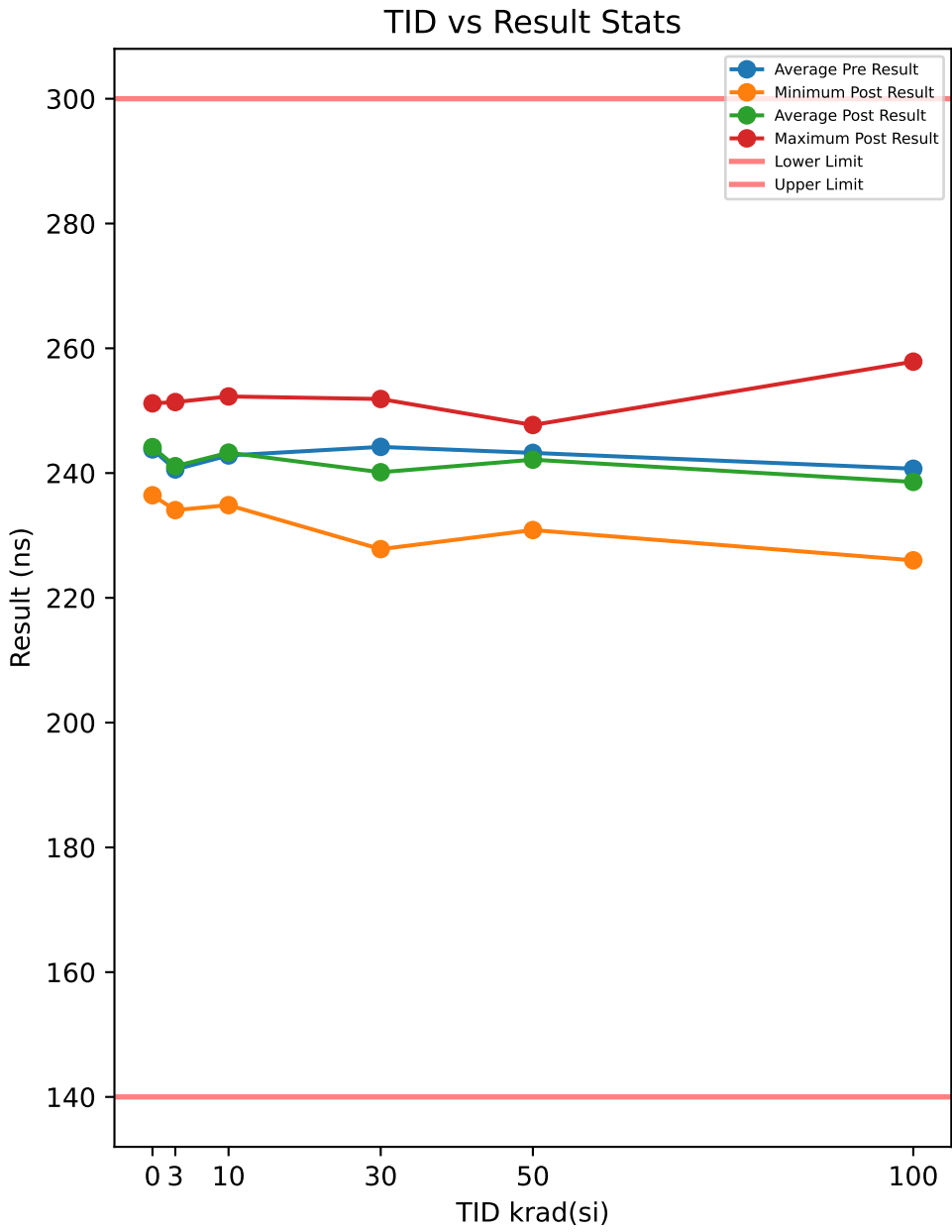
Test Results (Lower Limit = 120.0, Upper Limit = 270.0 (ns))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	208.36	210.07	1.7075
516	0	CORRELATION	203.99	202.38	-1.6093
721	0	CORRELATION	206.39	207.42	1.0231
723	0	CORRELATION	200.71	201.62	0.9106
729	0	CORRELATION	211.18	207.31	-3.8689
1000	3	Unbiased	204.39	206.7	2.3036
1001	3	Unbiased	196.4	197.95	1.5512
1002	3	Unbiased	198.84	200.35	1.5122
1003	3	Unbiased	207.28	203.68	-3.5977
1004	3	Unbiased	199.22	206.73	7.5094
1005	3	Biased	201.33	203.01	1.687
1006	3	Biased	203.83	205.16	1.3322
1007	3	Biased	201.39	202.02	0.6231
1008	3	Biased	201.52	198.54	-2.9794
1009	3	Biased	202.14	210.23	8.0847
1010	10	Unbiased	199.54	198.22	-1.3201
1011	10	Unbiased	204.78	204.32	-0.4597
1012	10	Unbiased	204.02	207.99	3.9667
1013	10	Unbiased	204.39	205.02	0.6275
1014	10	Unbiased	206.38	207.39	1.0106
1015	10	Biased	205.97	207.86	1.8882
1016	10	Biased	205.33	204.69	-0.6409
1017	10	Biased	205.67	206.4	0.7306
1018	10	Biased	203.43	203.39	-0.0472
1019	10	Biased	201.18	209.02	7.8431
1020	30	Unbiased	201.05	206.04	4.9957
1021	30	Unbiased	211.27	212.21	0.9364
1022	30	Unbiased	206.09	201.37	-4.7211
1023	30	Unbiased	204.2	202.41	-1.787
1024	30	Unbiased	203.73	199.77	-3.9605
1025	30	Biased	200.79	198.27	-2.5129
1026	30	Biased	207.57	210.26	2.6955
1027	30	Biased	202.02	203.97	1.9497
1028	30	Biased	206.67	202.63	-4.0396
1029	30	Biased	195.5	198.27	2.7742
1030	50	Unbiased	201.6	197.22	-4.3864
1031	50	Unbiased	202.84	202.39	-0.4484
1032	50	Unbiased	203.66	199.91	-3.7431
1033	50	Unbiased	205.67	203.41	-2.2601
1034	50	Unbiased	206.98	202.88	-4.1011
1035	50	Biased-84Hr-Anneal	207.48	206.09	-1.3911
1036	50	Biased-84Hr-Anneal	205.87	204.26	-1.6154
1037	50	Biased-84Hr-Anneal	206.95	208.98	2.0347
1038	50	Biased-84Hr-Anneal	201.37	204.54	3.1657
1039	50	Biased-84Hr-Anneal	210.68	202.99	-7.6922
1040	100	Unbiased-168Hr-Anneal	198.68	199.24	0.5582
1041	100	Unbiased-168Hr-Anneal	197.27	194.07	-3.2005
1042	100	Unbiased-168Hr-Anneal	207.06	198.75	-8.3009
1043	100	Unbiased-168Hr-Anneal	207.98	205.26	-2.7155
1044	100	Unbiased-168Hr-Anneal	207.04	202.66	-4.3831
1045	100	Biased-168Hr-Anneal	203.74	209.27	5.5254
1046	100	Biased-168Hr-Anneal	202.34	198.69	-3.6464
1047	100	Biased-168Hr-Anneal	213.65	225.83	12.179
1048	100	Biased-168Hr-Anneal	201.42	199.78	-1.6397
1049	100	Biased-168Hr-Anneal	197.65	199	1.3564



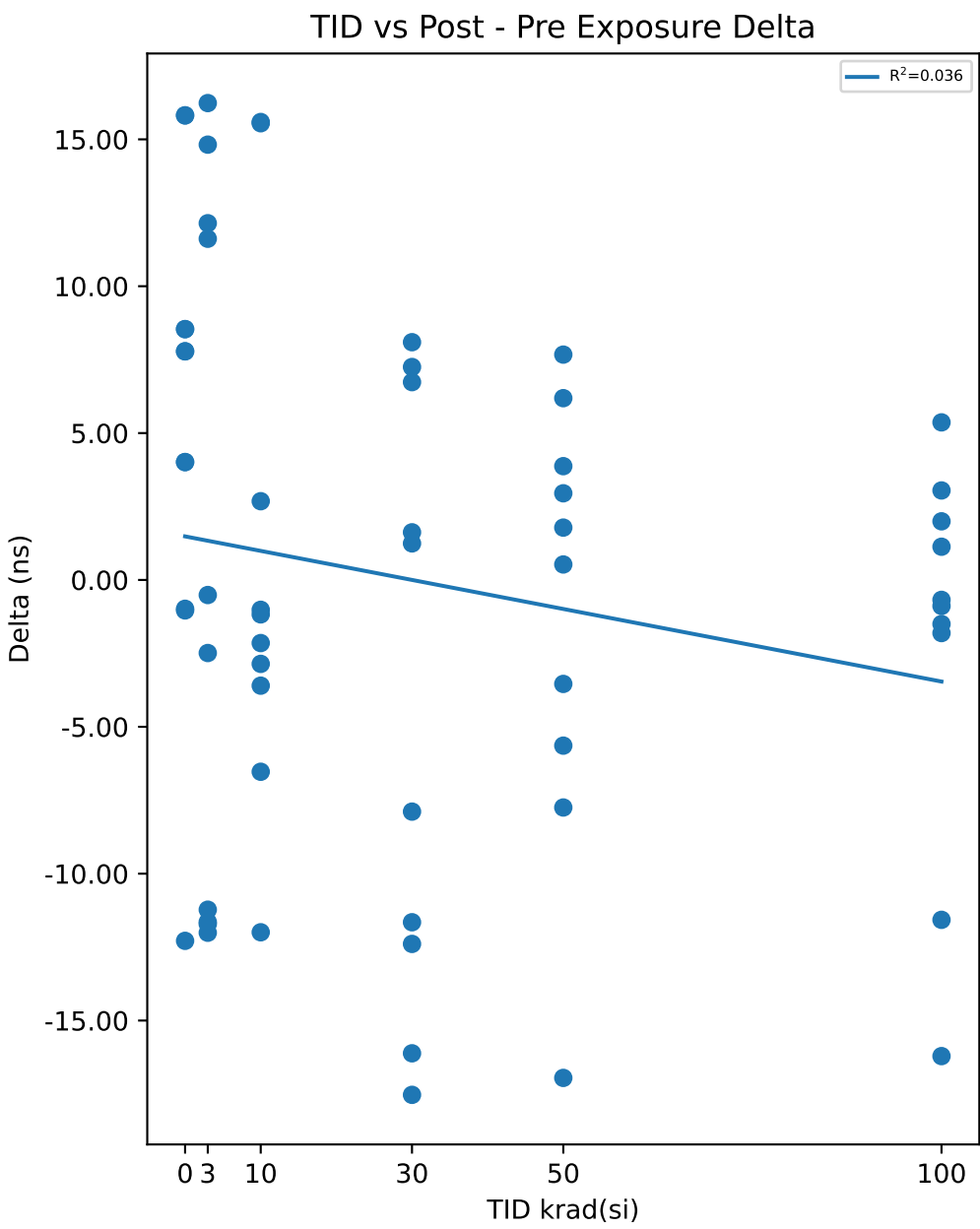
Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	200.71	206.13	211.18	4.0173	201.62	205.76	210.07	3.6167	-3.8689	-0.3674	1.7075	2.3278
3	196.4	201.63	207.28	3.0858	197.95	203.44	210.23	3.8914	-3.5977	1.8026	8.0847	3.743
10	199.54	204.07	206.38	2.1861	198.22	205.43	209.02	3.1307	-1.3201	1.3599	7.8431	2.7211
30	195.5	203.89	211.27	4.3762	198.27	203.52	212.21	4.7526	-4.7211	-0.36696	4.9957	3.4489
50	201.37	205.31	210.68	2.936	197.22	203.27	208.98	3.1987	-7.6922	-2.0437	3.1657	3.1883
100	197.27	203.68	213.65	5.2699	194.07	203.26	225.83	8.9559	-8.3009	-0.42666	12.179	5.7823



Test Results (Lower Limit = 140.0, Upper Limit = 300.0 (ns))

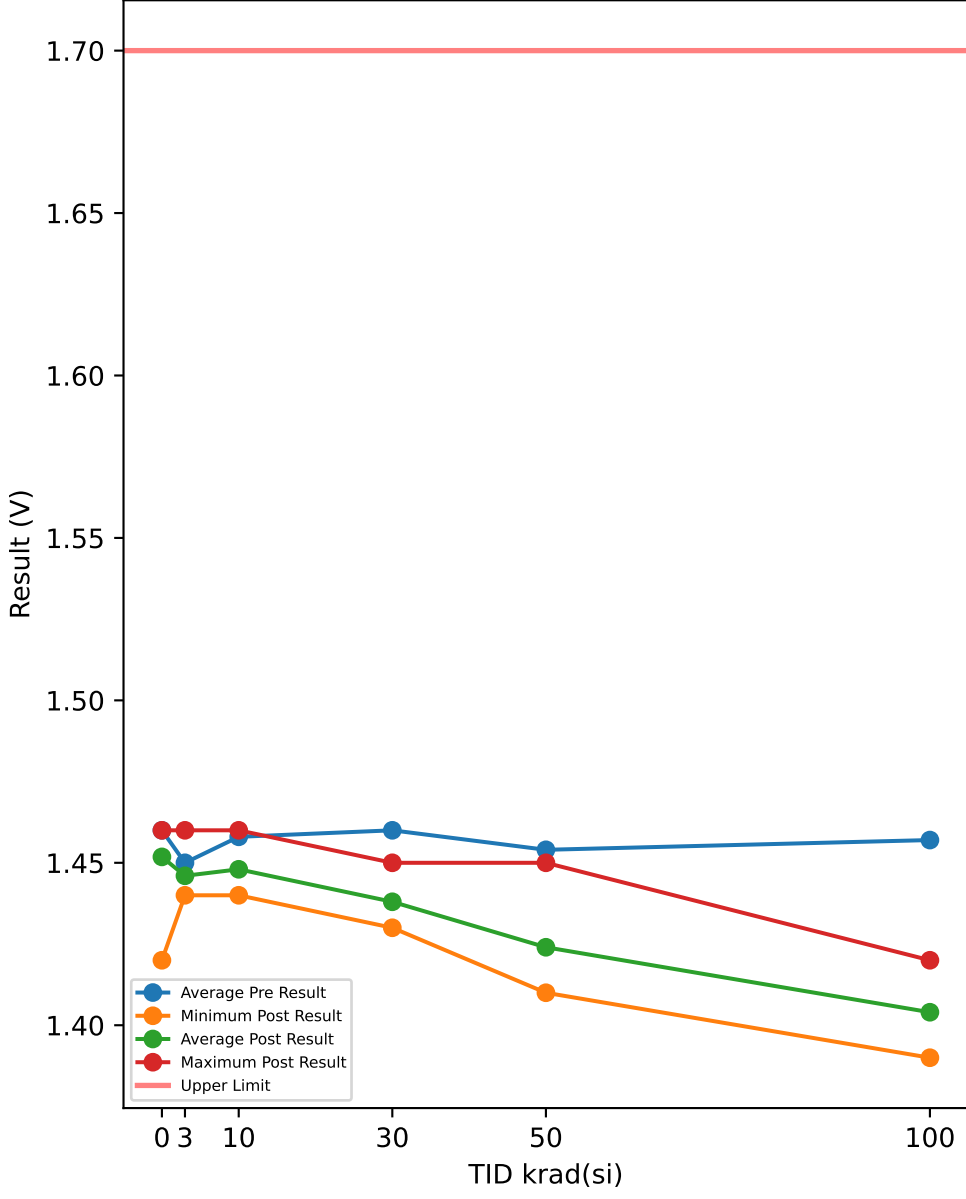
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	252.21	251.17	-1.038
516	0	CORRELATION	248.46	247.47	-0.9814
721	0	CORRELATION	248.73	236.44	-12.287
723	0	CORRELATION	229.63	245.44	15.816
729	0	CORRELATION	239.95	243.96	4.0131
1000	3	Unbiased	247.24	235.59	-11.644
1001	3	Unbiased	226.13	242.37	16.235
1002	3	Unbiased	241.98	241.46	-0.5132
1003	3	Unbiased	251.84	240.61	-11.226
1004	3	Unbiased	239.23	251.38	12.144
1005	3	Biased	232.54	247.36	14.82
1006	3	Biased	246.07	234.06	-12.011
1007	3	Biased	231.99	243.6	11.616
1008	3	Biased	246.92	235.2	-11.715
1009	3	Biased	241.86	239.37	-2.4878
1010	10	Unbiased	244.29	243.12	-1.1724
1011	10	Unbiased	249.22	246.36	-2.8577
1012	10	Unbiased	241.88	244.56	2.6805
1013	10	Unbiased	246.85	234.86	-11.995
1014	10	Unbiased	235.83	251.38	15.548
1015	10	Biased	236.69	252.28	15.591
1016	10	Biased	248.05	241.52	-6.5304
1017	10	Biased	236.51	235.5	-1.0159
1018	10	Biased	248.71	245.11	-3.599
1019	10	Biased	240.2	238.05	-2.1488
1020	30	Unbiased	240.15	248.24	8.0942
1021	30	Unbiased	253.49	241.84	-11.654
1022	30	Unbiased	251.12	238.73	-12.391
1023	30	Unbiased	248.64	232.53	-16.115
1024	30	Unbiased	233.16	240.41	7.2498
1025	30	Biased	245.33	227.81	-17.53
1026	30	Biased	250.25	251.87	1.6215
1027	30	Biased	233.16	234.41	1.244
1028	30	Biased	250.99	243.1	-7.8871
1029	30	Biased	235.65	242.39	6.7346
1030	50	Unbiased	245.57	237.82	-7.747
1031	50	Unbiased	242.68	246.56	3.8739
1032	50	Unbiased	247.82	230.87	-16.953
1033	50	Unbiased	236.63	244.3	7.6717
1034	50	Unbiased	250.77	247.23	-3.54
1035	50	Biased-84Hr-Anneal	235.94	236.47	0.5268
1036	50	Biased-84Hr-Anneal	243.72	245.5	1.7818
1037	50	Biased-84Hr-Anneal	236.14	239.09	2.9502
1038	50	Biased-84Hr-Anneal	239.71	245.89	6.1888
1039	50	Biased-84Hr-Anneal	253.34	247.7	-5.6409
1040	100	Unbiased-168Hr-Anneal	239.8	241.8	1.996
1041	100	Unbiased-168Hr-Anneal	242.22	226.01	-16.211
1042	100	Unbiased-168Hr-Anneal	251.73	240.16	-11.571
1043	100	Unbiased-168Hr-Anneal	238.07	237.18	-0.8861
1044	100	Unbiased-168Hr-Anneal	250	248.19	-1.8082
1045	100	Biased-168Hr-Anneal	242.2	241.52	-0.6779
1046	100	Biased-168Hr-Anneal	232.05	230.55	-1.5008
1047	100	Biased-168Hr-Anneal	252.49	257.86	5.3647
1048	100	Biased-168Hr-Anneal	230.62	231.75	1.131
1049	100	Biased-168Hr-Anneal	227.74	230.78	3.0468



Test Statistics (ns)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	229.63	243.79	252.21	9.1163	236.44	244.9	251.17	5.447	-12.287	1.1047	15.816	10.163
3	226.13	240.58	251.84	8.1237	234.06	241.1	251.38	5.4843	-12.011	0.52182	16.235	12.076
10	235.83	242.82	249.22	5.3262	234.86	243.27	252.28	5.9908	-11.995	0.45001	15.591	8.8484
30	233.16	244.2	253.49	7.9651	227.81	240.13	251.87	7.1883	-17.53	-4.0633	8.0942	10.116
50	235.94	243.23	253.34	6.1964	230.87	242.14	247.7	5.7122	-16.953	-1.0888	7.6717	7.4851
100	227.74	240.69	252.49	8.8448	226.01	238.58	257.86	9.5299	-16.211	-2.1117	5.3647	6.6849

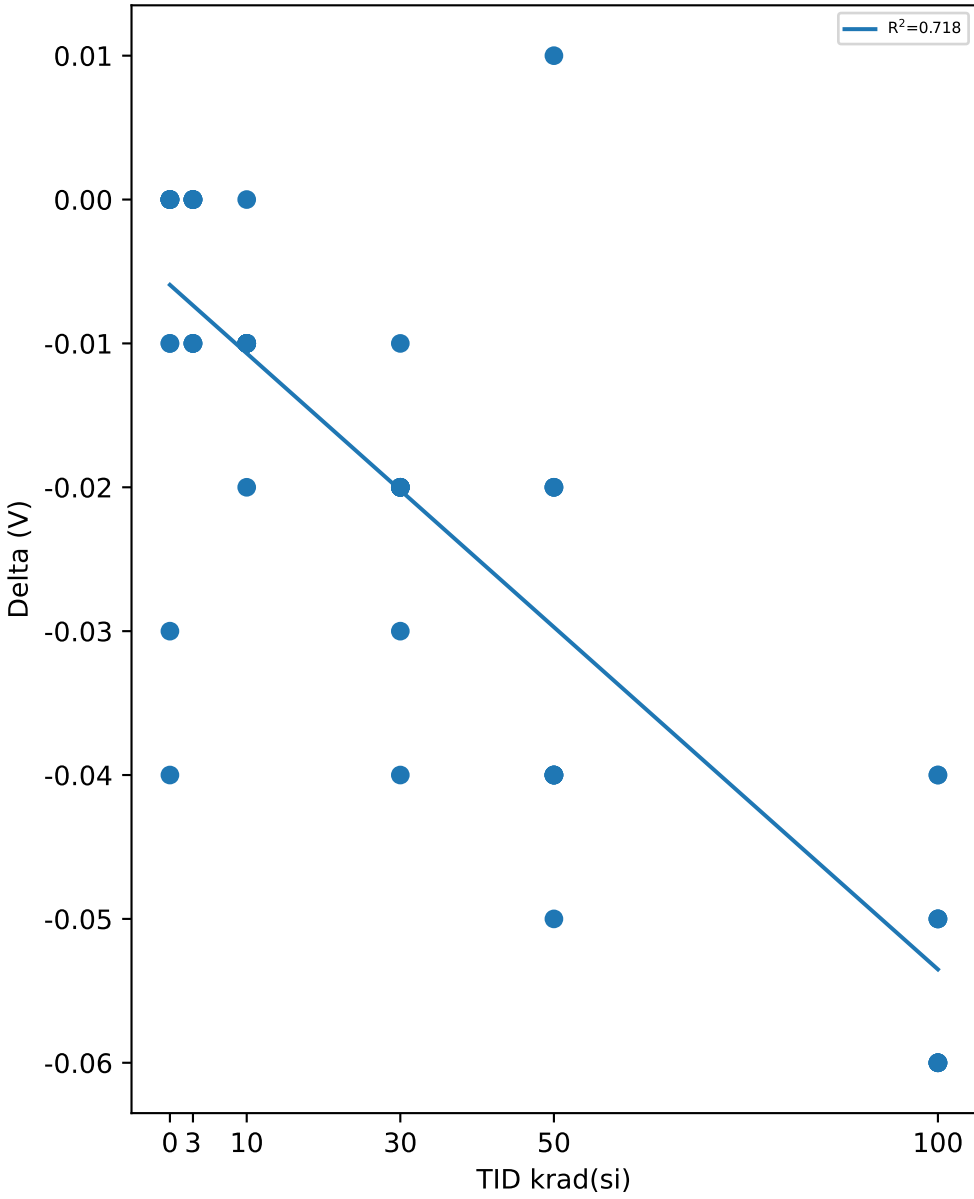
TID vs Result Stats



Test Results (Upper Limit = 1.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.46	1.43	-0.03
516	0	CORRELATION	1.46	1.42	-0.04
721	0	CORRELATION	1.46	1.46	0
723	0	CORRELATION	1.46	1.46	0
729	0	CORRELATION	1.46	1.45	-0.01
1000	3	Unbiased	1.44	1.44	0
1001	3	Unbiased	1.45	1.44	-0.01
1002	3	Unbiased	1.46	1.46	0
1003	3	Unbiased	1.45	1.44	-0.01
1004	3	Unbiased	1.44	1.44	0
1005	3	Biased	1.45	1.44	-0.01
1006	3	Biased	1.46	1.46	0
1007	3	Biased	1.45	1.44	-0.01
1008	3	Biased	1.45	1.45	0
1009	3	Biased	1.45	1.45	0
1010	10	Unbiased	1.45	1.44	-0.01
1011	10	Unbiased	1.45	1.44	-0.01
1012	10	Unbiased	1.47	1.46	-0.01
1013	10	Unbiased	1.45	1.44	-0.01
1014	10	Unbiased	1.47	1.45	-0.02
1015	10	Biased	1.45	1.44	-0.01
1016	10	Biased	1.44	1.44	0
1017	10	Biased	1.47	1.46	-0.01
1018	10	Biased	1.46	1.45	-0.01
1019	10	Biased	1.47	1.46	-0.01
1020	30	Unbiased	1.47	1.43	-0.04
1021	30	Unbiased	1.45	1.43	-0.02
1022	30	Unbiased	1.45	1.43	-0.02
1023	30	Unbiased	1.46	1.43	-0.03
1024	30	Unbiased	1.45	1.43	-0.02
1025	30	Biased	1.47	1.45	-0.02
1026	30	Biased	1.46	1.45	-0.01
1027	30	Biased	1.47	1.45	-0.02
1028	30	Biased	1.47	1.45	-0.02
1029	30	Biased	1.45	1.43	-0.02
1030	50	Unbiased	1.45	1.41	-0.04
1031	50	Unbiased	1.46	1.42	-0.04
1032	50	Unbiased	1.46	1.42	-0.04
1033	50	Unbiased	1.47	1.43	-0.04
1034	50	Unbiased	1.46	1.41	-0.05
1035	50	Biased-84Hr-Anneal	1.46	1.44	-0.02
1036	50	Biased-84Hr-Anneal	1.44	1.42	-0.02
1037	50	Biased-84Hr-Anneal	1.44	1.42	-0.02
1038	50	Biased-84Hr-Anneal	1.44	1.45	0.01
1039	50	Biased-84Hr-Anneal	1.46	1.42	-0.04
1040	100	Unbiased-168Hr-Anneal	1.45	1.39	-0.06
1041	100	Unbiased-168Hr-Anneal	1.47	1.41	-0.06
1042	100	Unbiased-168Hr-Anneal	1.46	1.4	-0.06
1043	100	Unbiased-168Hr-Anneal	1.47	1.41	-0.06
1044	100	Unbiased-168Hr-Anneal	1.46	1.4	-0.06
1045	100	Biased-168Hr-Anneal	1.45	1.4	-0.05
1046	100	Biased-168Hr-Anneal	1.45	1.4	-0.05
1047	100	Biased-168Hr-Anneal	1.44	1.4	-0.04
1048	100	Biased-168Hr-Anneal	1.46	1.41	-0.05
1049	100	Biased-168Hr-Anneal	1.46	1.42	-0.04

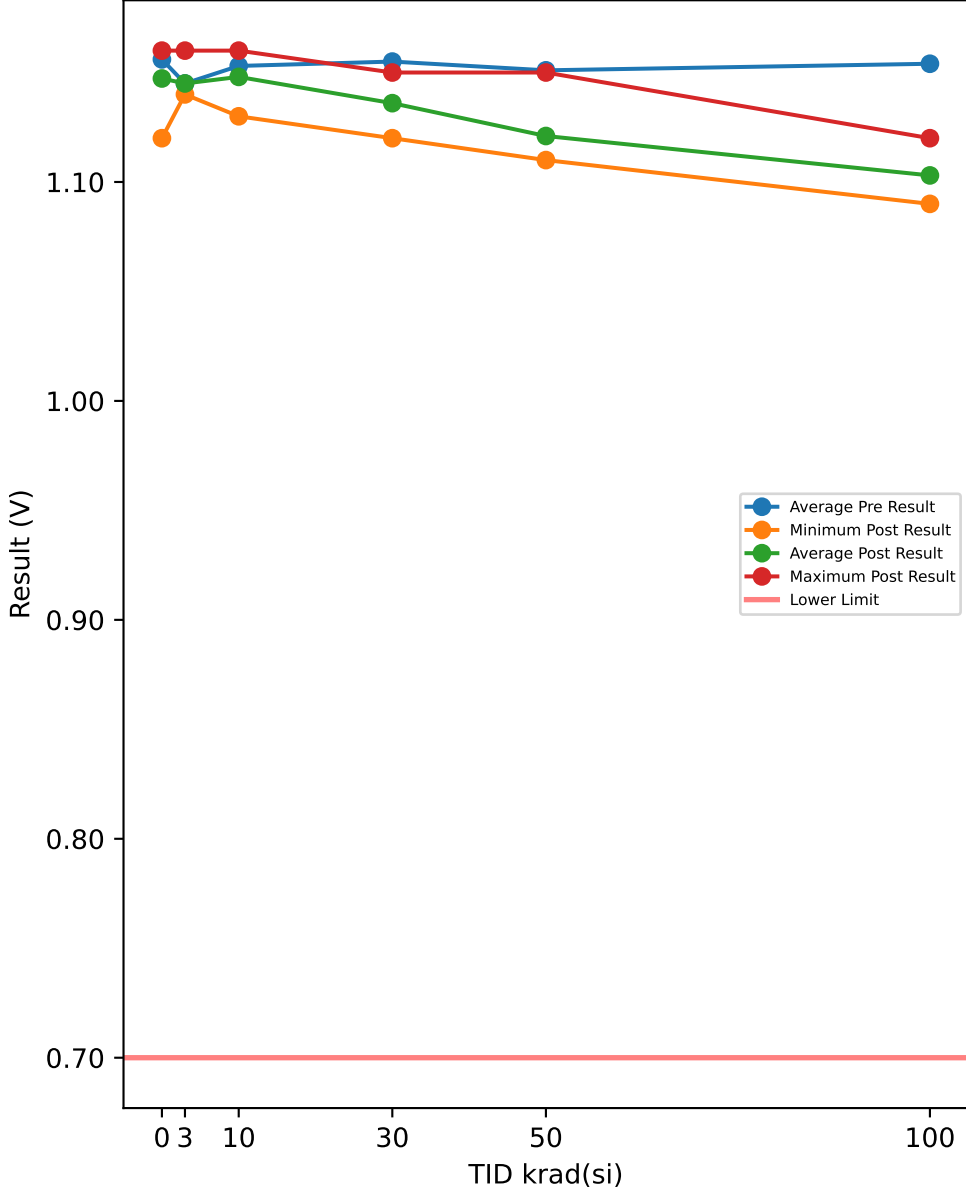
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.46	1.46	1.46	0	1.42	1.444	1.46	0.018166	-0.04	-0.016	0	0.018166
3	1.44	1.45	1.46	0.0066667	1.44	1.446	1.46	0.0084327	-0.01	-0.004	0	0.005164
10	1.44	1.458	1.47	0.011353	1.44	1.448	1.46	0.0091894	-0.02	-0.01	0	0.004714
30	1.45	1.46	1.47	0.0094281	1.43	1.438	1.45	0.010328	-0.04	-0.022	-0.01	0.0078881
50	1.44	1.454	1.47	0.01075	1.41	1.424	1.45	0.012649	-0.05	-0.03	0.01	0.017638
100	1.44	1.457	1.47	0.0094868	1.39	1.404	1.42	0.0084327	-0.06	-0.053	-0.04	0.0082327

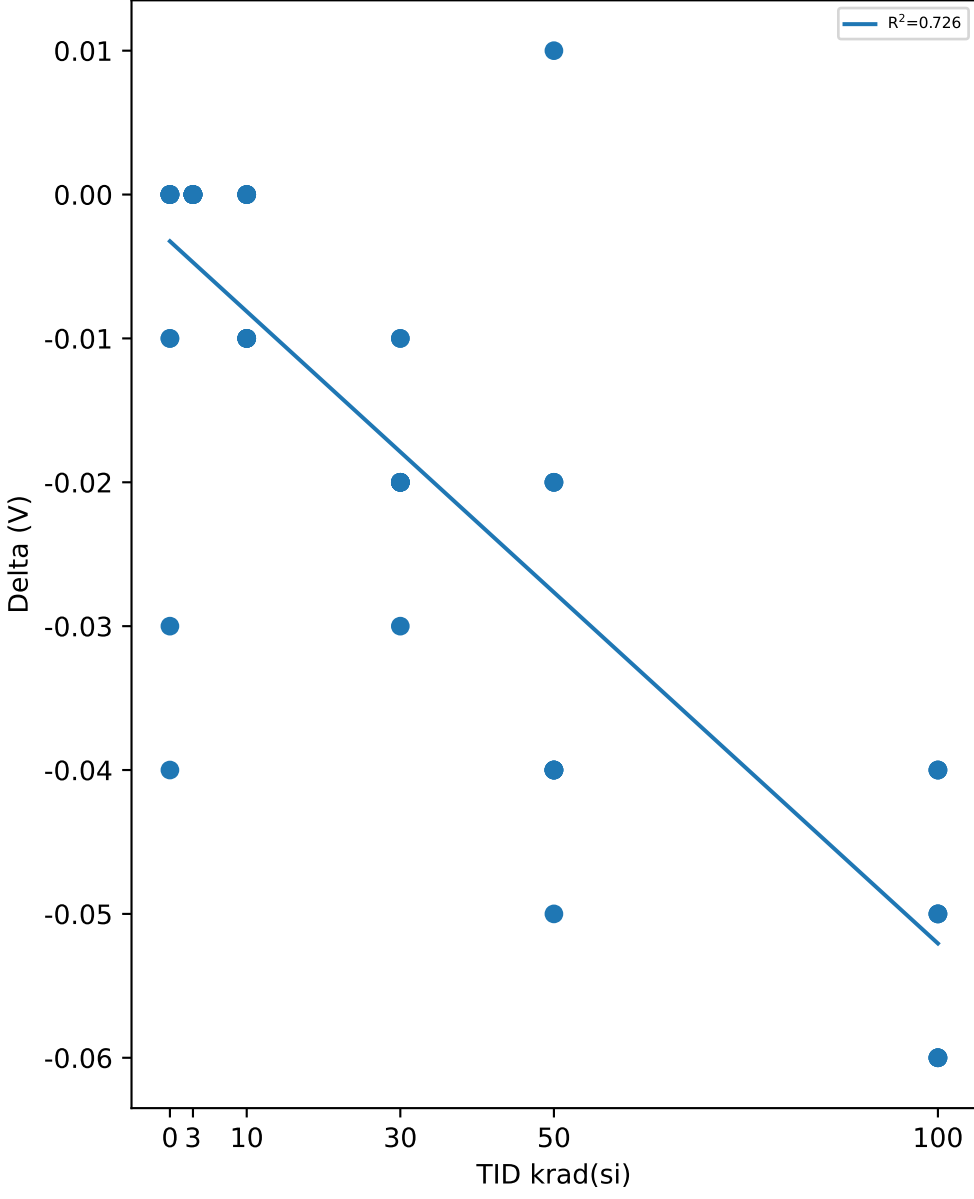
TID vs Result Stats



Test Results (Lower Limit = 0.7 (V))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1.16	1.13	-0.03
516	0	CORRELATION	1.16	1.12	-0.04
721	0	CORRELATION	1.15	1.15	0
723	0	CORRELATION	1.15	1.15	0
729	0	CORRELATION	1.16	1.16	0
1000	3	Unbiased	1.14	1.14	0
1001	3	Unbiased	1.15	1.15	0
1002	3	Unbiased	1.16	1.16	0
1003	3	Unbiased	1.14	1.14	0
1004	3	Unbiased	1.14	1.14	0
1005	3	Biased	1.14	1.14	0
1006	3	Biased	1.15	1.15	0
1007	3	Biased	1.15	1.15	0
1008	3	Biased	1.14	1.14	0
1009	3	Biased	1.14	1.14	0
1010	10	Unbiased	1.15	1.14	-0.01
1011	10	Unbiased	1.15	1.14	-0.01
1012	10	Unbiased	1.16	1.15	-0.01
1013	10	Unbiased	1.14	1.14	0
1014	10	Unbiased	1.16	1.15	-0.01
1015	10	Biased	1.15	1.15	0
1016	10	Biased	1.14	1.13	-0.01
1017	10	Biased	1.16	1.16	0
1018	10	Biased	1.16	1.16	0
1019	10	Biased	1.16	1.16	0
1020	30	Unbiased	1.16	1.14	-0.02
1021	30	Unbiased	1.14	1.12	-0.02
1022	30	Unbiased	1.15	1.13	-0.02
1023	30	Unbiased	1.16	1.14	-0.02
1024	30	Unbiased	1.15	1.12	-0.03
1025	30	Biased	1.17	1.15	-0.02
1026	30	Biased	1.16	1.15	-0.01
1027	30	Biased	1.15	1.14	-0.01
1028	30	Biased	1.16	1.14	-0.02
1029	30	Biased	1.15	1.13	-0.02
1030	50	Unbiased	1.15	1.11	-0.04
1031	50	Unbiased	1.15	1.11	-0.04
1032	50	Unbiased	1.15	1.11	-0.04
1033	50	Unbiased	1.16	1.12	-0.04
1034	50	Unbiased	1.15	1.11	-0.04
1035	50	Biased-84Hr-Anneal	1.16	1.14	-0.02
1036	50	Biased-84Hr-Anneal	1.14	1.12	-0.02
1037	50	Biased-84Hr-Anneal	1.14	1.12	-0.02
1038	50	Biased-84Hr-Anneal	1.14	1.15	0.01
1039	50	Biased-84Hr-Anneal	1.17	1.12	-0.05
1040	100	Unbiased-168Hr-Anneal	1.15	1.09	-0.06
1041	100	Unbiased-168Hr-Anneal	1.16	1.11	-0.05
1042	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1043	100	Unbiased-168Hr-Anneal	1.17	1.11	-0.06
1044	100	Unbiased-168Hr-Anneal	1.16	1.1	-0.06
1045	100	Biased-168Hr-Anneal	1.14	1.09	-0.05
1046	100	Biased-168Hr-Anneal	1.14	1.1	-0.04
1047	100	Biased-168Hr-Anneal	1.14	1.1	-0.04
1048	100	Biased-168Hr-Anneal	1.16	1.11	-0.05
1049	100	Biased-168Hr-Anneal	1.16	1.12	-0.04

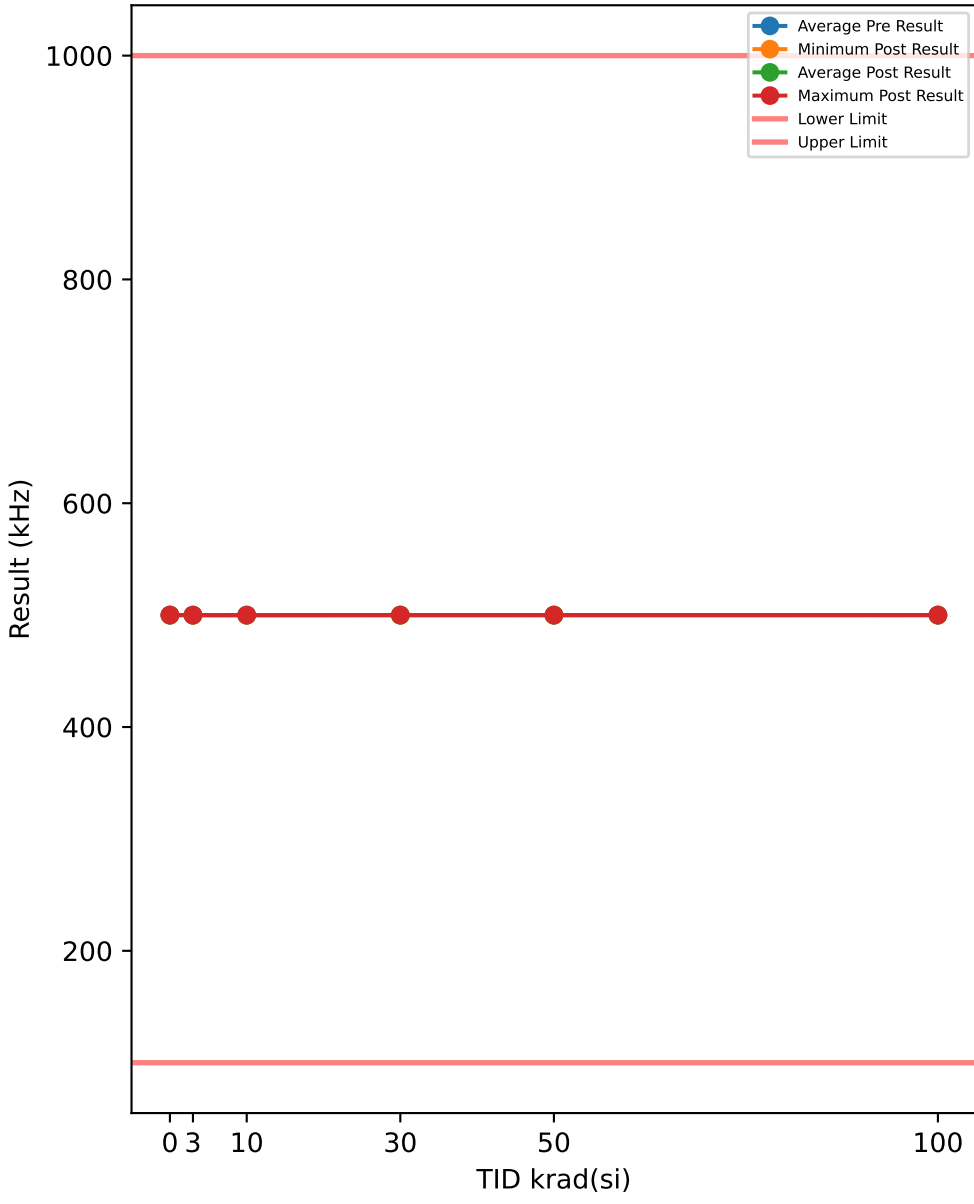
TID vs Post - Pre Exposure Delta



Test Statistics (V)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1.15	1.156	1.16	0.0054772	1.12	1.142	1.16	0.016432	-0.04	-0.014	0	0.019494
3	1.14	1.145	1.16	0.0070711	1.14	1.145	1.16	0.0070711	0	0	0	0
10	1.14	1.153	1.16	0.0082327	1.13	1.148	1.16	0.010328	-0.01	-0.005	0	0.0052705
30	1.14	1.155	1.17	0.0084984	1.12	1.136	1.15	0.01075	-0.03	-0.019	-0.01	0.0056765
50	1.14	1.151	1.17	0.0099443	1.11	1.121	1.15	0.013703	-0.05	-0.03	0.01	0.017638
100	1.14	1.154	1.17	0.01075	1.09	1.103	1.12	0.0094868	-0.06	-0.051	-0.04	0.008756

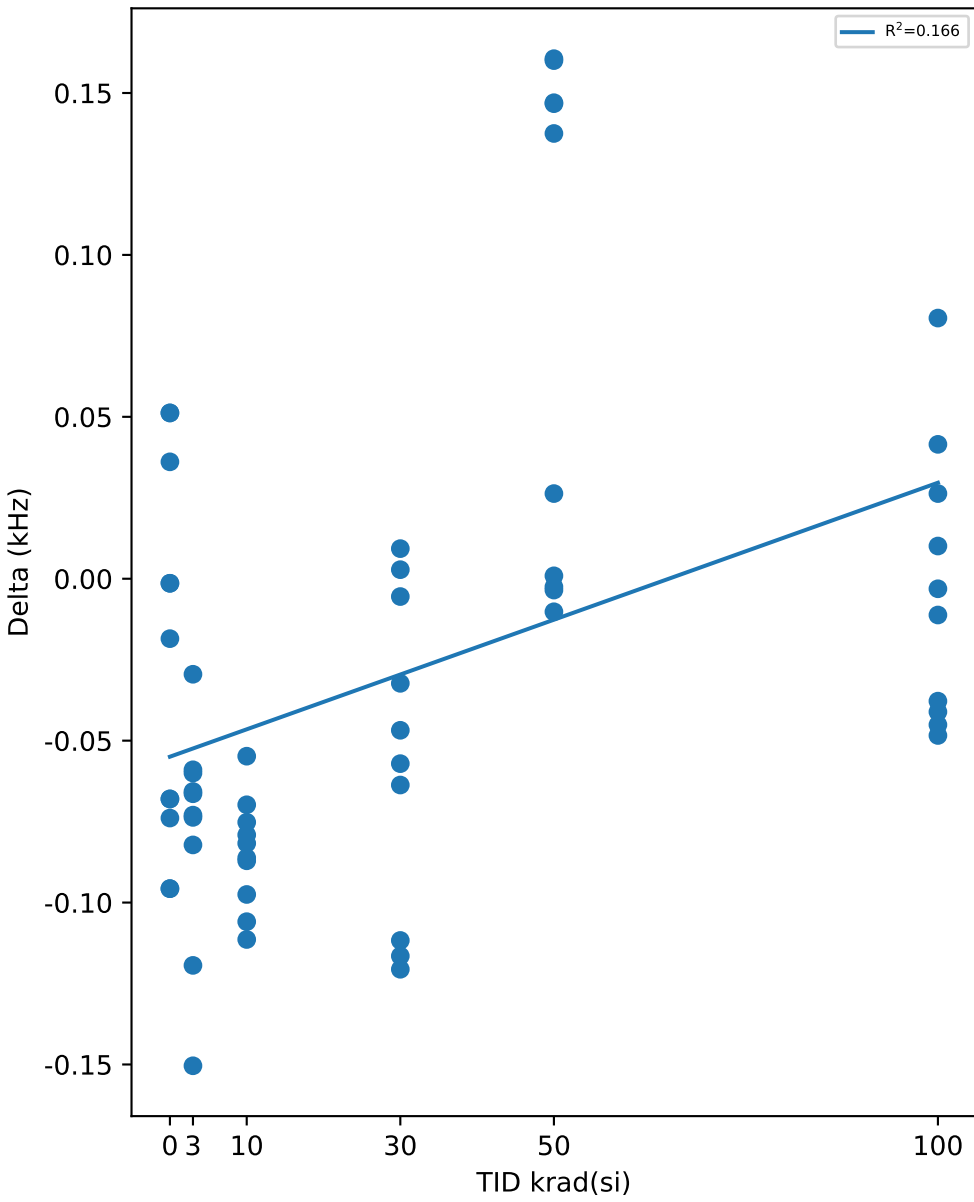
TID vs Result Stats



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

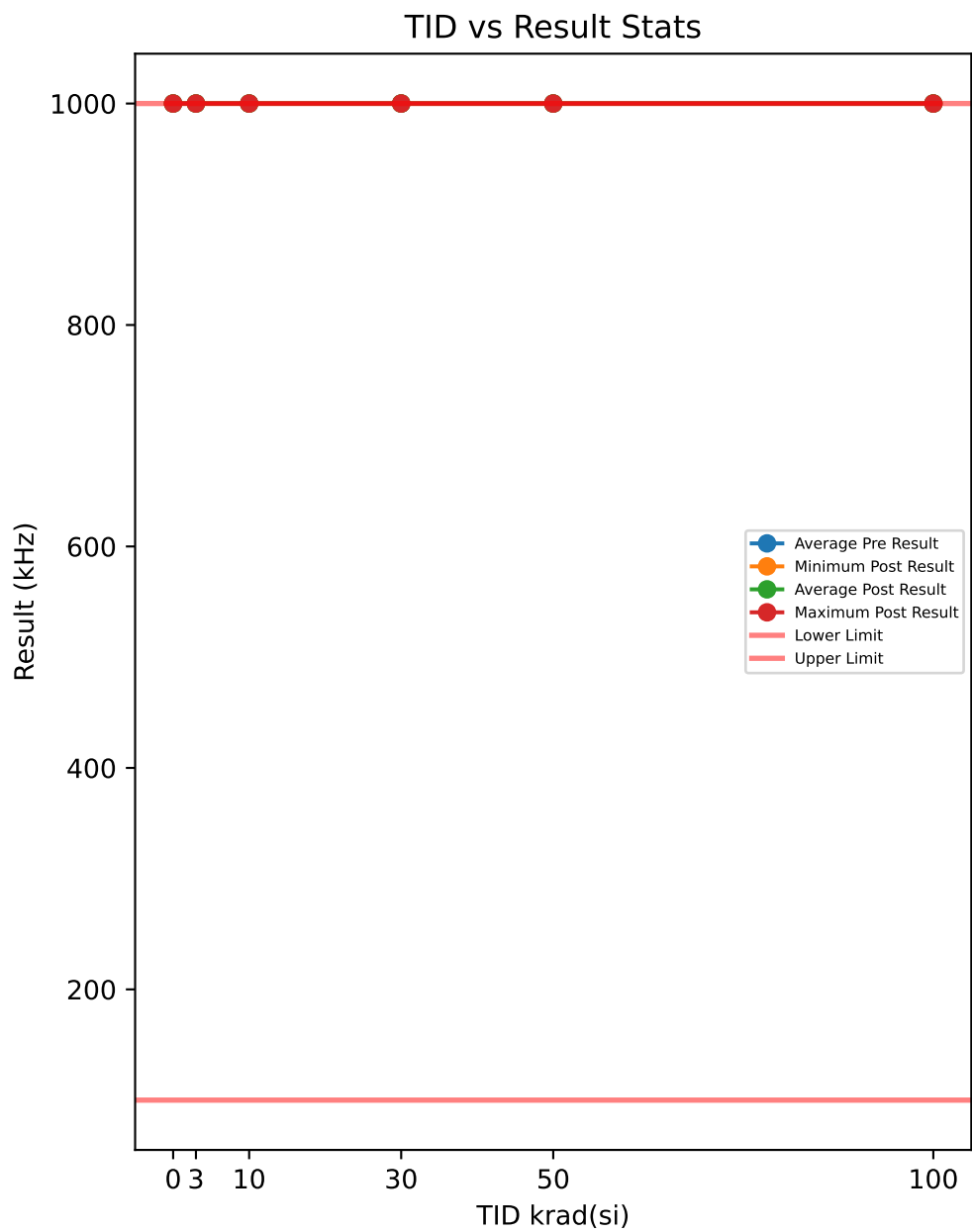
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	500.03	500.06	0.0361
516	0	CORRELATION	500.04	500.02	-0.0185
721	0	CORRELATION	500.01	499.94	-0.0739
723	0	CORRELATION	500.04	499.94	-0.0957
729	0	CORRELATION	500.04	499.97	-0.068
1000	3	Unbiased	500.03	499.94	-0.0822
1001	3	Unbiased	500	499.97	-0.0295
1002	3	Unbiased	500.04	499.97	-0.073
1003	3	Unbiased	500.06	499.99	-0.0737
1004	3	Unbiased	500.03	499.97	-0.06
1005	3	Biased	500.02	499.96	-0.059
1006	3	Biased	500.08	499.93	-0.1504
1007	3	Biased	500.02	499.96	-0.0657
1008	3	Biased	500.04	499.98	-0.0664
1009	3	Biased	500.05	499.93	-0.1194
1010	10	Unbiased	500.06	499.95	-0.1059
1011	10	Unbiased	500.07	499.96	-0.1114
1012	10	Unbiased	500.06	499.98	-0.0817
1013	10	Unbiased	500.02	499.93	-0.0871
1014	10	Unbiased	500.03	499.95	-0.0791
1015	10	Biased	500.02	499.95	-0.0698
1016	10	Biased	500.03	499.98	-0.0548
1017	10	Biased	500.03	499.94	-0.0975
1018	10	Biased	500.04	499.97	-0.0752
1019	10	Biased	500.03	499.95	-0.0862
1020	30	Unbiased	500.05	499.99	-0.0637
1021	30	Unbiased	500.04	499.93	-0.1117
1022	30	Unbiased	500.09	499.98	-0.1165
1023	30	Unbiased	500.07	500.02	-0.0468
1024	30	Unbiased	500.02	500.03	0.0093
1025	30	Biased	500.05	499.93	-0.1206
1026	30	Biased	500.03	499.97	-0.0571
1027	30	Biased	500.01	500.01	0.0028
1028	30	Biased	500.05	500.02	-0.0323
1029	30	Biased	500.03	500.02	-0.0055
1030	50	Unbiased	500.01	500.04	0.0263
1031	50	Unbiased	500.04	500.03	-0.0102
1032	50	Unbiased	500.02	500.02	-0.0035
1033	50	Unbiased	500.01	500.01	0.0009
1034	50	Unbiased	500.05	500.04	-0.0025
1035	50	Biased-84Hr-Anneal	499.84	499.98	0.147
1036	50	Biased-84Hr-Anneal	499.87	500.01	0.1375
1037	50	Biased-84Hr-Anneal	499.84	500	0.16
1038	50	Biased-84Hr-Anneal	499.88	500.03	0.1467
1039	50	Biased-84Hr-Anneal	499.86	500.02	0.1606
1040	100	Unbiased-168Hr-Anneal	500.06	500.02	-0.0411
1041	100	Unbiased-168Hr-Anneal	500.06	500.02	-0.0378
1042	100	Unbiased-168Hr-Anneal	500.04	500.03	-0.0112
1043	100	Unbiased-168Hr-Anneal	500.02	500.05	0.0263
1044	100	Unbiased-168Hr-Anneal	500.06	500.01	-0.0484
1045	100	Biased-168Hr-Anneal	500.01	499.96	-0.0451
1046	100	Biased-168Hr-Anneal	499.94	500.02	0.0805
1047	100	Biased-168Hr-Anneal	500.01	500	-0.0031
1048	100	Biased-168Hr-Anneal	499.98	499.99	0.0101
1049	100	Biased-168Hr-Anneal	499.98	500.02	0.0415

TID vs Post - Pre Exposure Delta



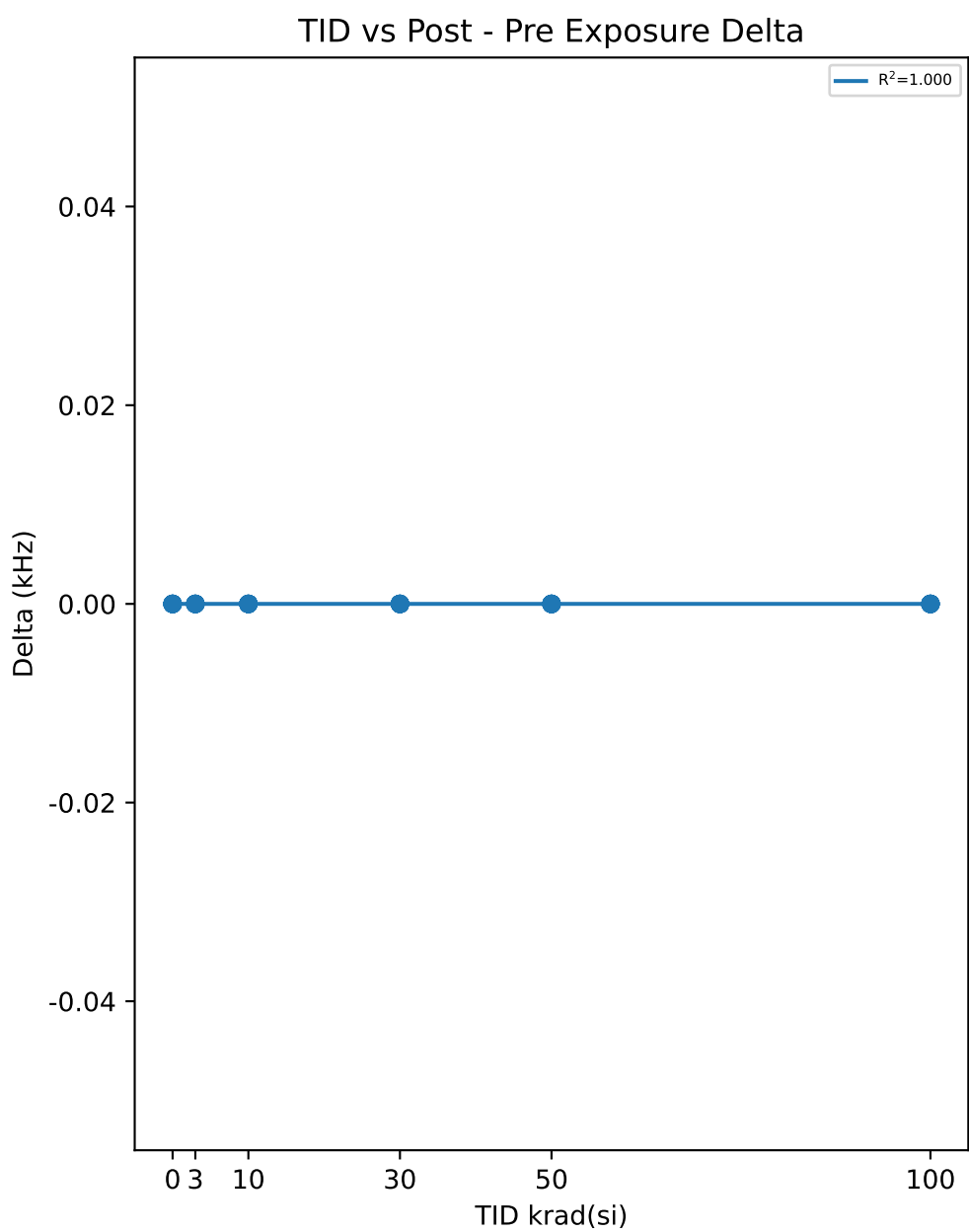
Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	500.01	500.03	500.04	0.011398	499.94	499.99	500.06	0.053458	-0.0957	-0.044	0.0361	0.052937
3	500	500.04	500.08	0.023089	499.93	499.96	499.99	0.01968	-0.1504	-0.07793	-0.0295	0.033895
10	500.02	500.04	500.07	0.01735	499.93	499.95	499.98	0.015459	-0.1114	-0.08487	-0.0548	0.016933
30	500.01	500.04	500.09	0.024822	499.93	499.99	500.03	0.037134	-0.1206	-0.05421	0.0093	0.049309
50	499.84	499.94	500.05	0.090222	499.98	500.02	500.04	0.017917	-0.0102	0.07628	0.1606	0.078921
100	499.94	500.01	500.06	0.040429	499.96	500.01	500.05	0.022942	-0.0484	-0.00283	0.0805	0.042877



Test Results (Lower Limit = 100.0, Upper Limit = 1000.0 (kHz))

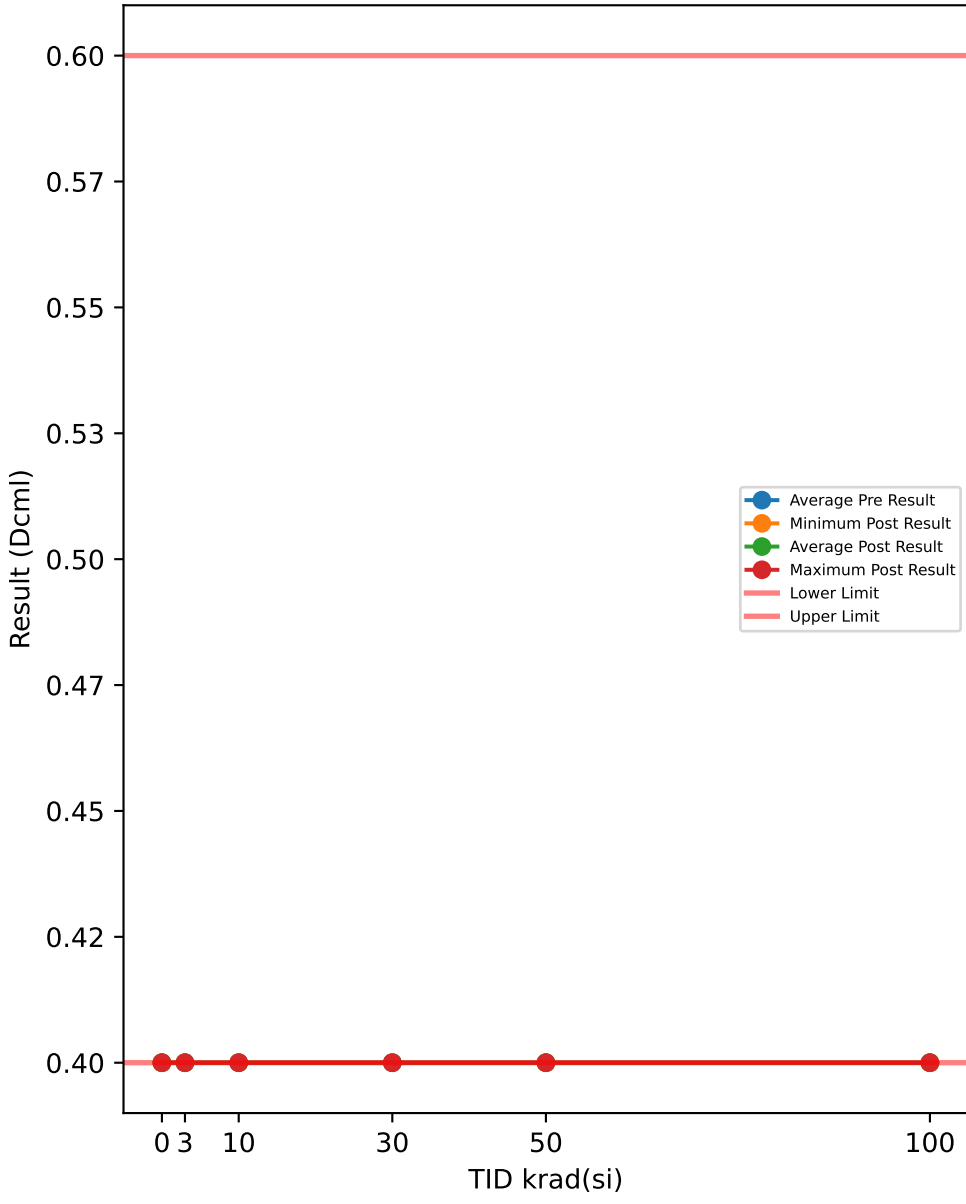
Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	1000	1000	0
516	0	CORRELATION	1000	1000	0
721	0	CORRELATION	1000	1000	0
723	0	CORRELATION	1000	1000	0
729	0	CORRELATION	1000	1000	0
1000	3	Unbiased	1000	1000	0
1001	3	Unbiased	1000	1000	0
1002	3	Unbiased	1000	1000	0
1003	3	Unbiased	1000	1000	0
1004	3	Unbiased	1000	1000	0
1005	3	Biased	1000	1000	0
1006	3	Biased	1000	1000	0
1007	3	Biased	1000	1000	0
1008	3	Biased	1000	1000	0
1009	3	Biased	1000	1000	0
1010	10	Unbiased	1000	1000	0
1011	10	Unbiased	1000	1000	0
1012	10	Unbiased	1000	1000	0
1013	10	Unbiased	1000	1000	0
1014	10	Unbiased	1000	1000	0
1015	10	Biased	1000	1000	0
1016	10	Biased	1000	1000	0
1017	10	Biased	1000	1000	0
1018	10	Biased	1000	1000	0
1019	10	Biased	1000	1000	0
1020	30	Unbiased	1000	1000	0
1021	30	Unbiased	1000	1000	0
1022	30	Unbiased	1000	1000	0
1023	30	Unbiased	1000	1000	0
1024	30	Unbiased	1000	1000	0
1025	30	Biased	1000	1000	0
1026	30	Biased	1000	1000	0
1027	30	Biased	1000	1000	0
1028	30	Biased	1000	1000	0
1029	30	Biased	1000	1000	0
1030	50	Unbiased	1000	1000	0
1031	50	Unbiased	1000	1000	0
1032	50	Unbiased	1000	1000	0
1033	50	Unbiased	1000	1000	0
1034	50	Unbiased	1000	1000	0
1035	50	Biased-84Hr-Anneal	1000	1000	0
1036	50	Biased-84Hr-Anneal	1000	1000	0
1037	50	Biased-84Hr-Anneal	1000	1000	0
1038	50	Biased-84Hr-Anneal	1000	1000	0
1039	50	Biased-84Hr-Anneal	1000	1000	0
1040	100	Unbiased-168Hr-Anneal	1000	1000	0
1041	100	Unbiased-168Hr-Anneal	1000	1000	0
1042	100	Unbiased-168Hr-Anneal	1000	1000	0
1043	100	Unbiased-168Hr-Anneal	1000	1000	0
1044	100	Unbiased-168Hr-Anneal	1000	1000	0
1045	100	Biased-168Hr-Anneal	1000	1000	0
1046	100	Biased-168Hr-Anneal	1000	1000	0
1047	100	Biased-168Hr-Anneal	1000	1000	0
1048	100	Biased-168Hr-Anneal	1000	1000	0
1049	100	Biased-168Hr-Anneal	1000	1000	0



Test Statistics (kHz)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
3	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
10	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
30	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
50	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0
100	1000	1000	1000	0	1000	1000	1000	0	0	0	0	0

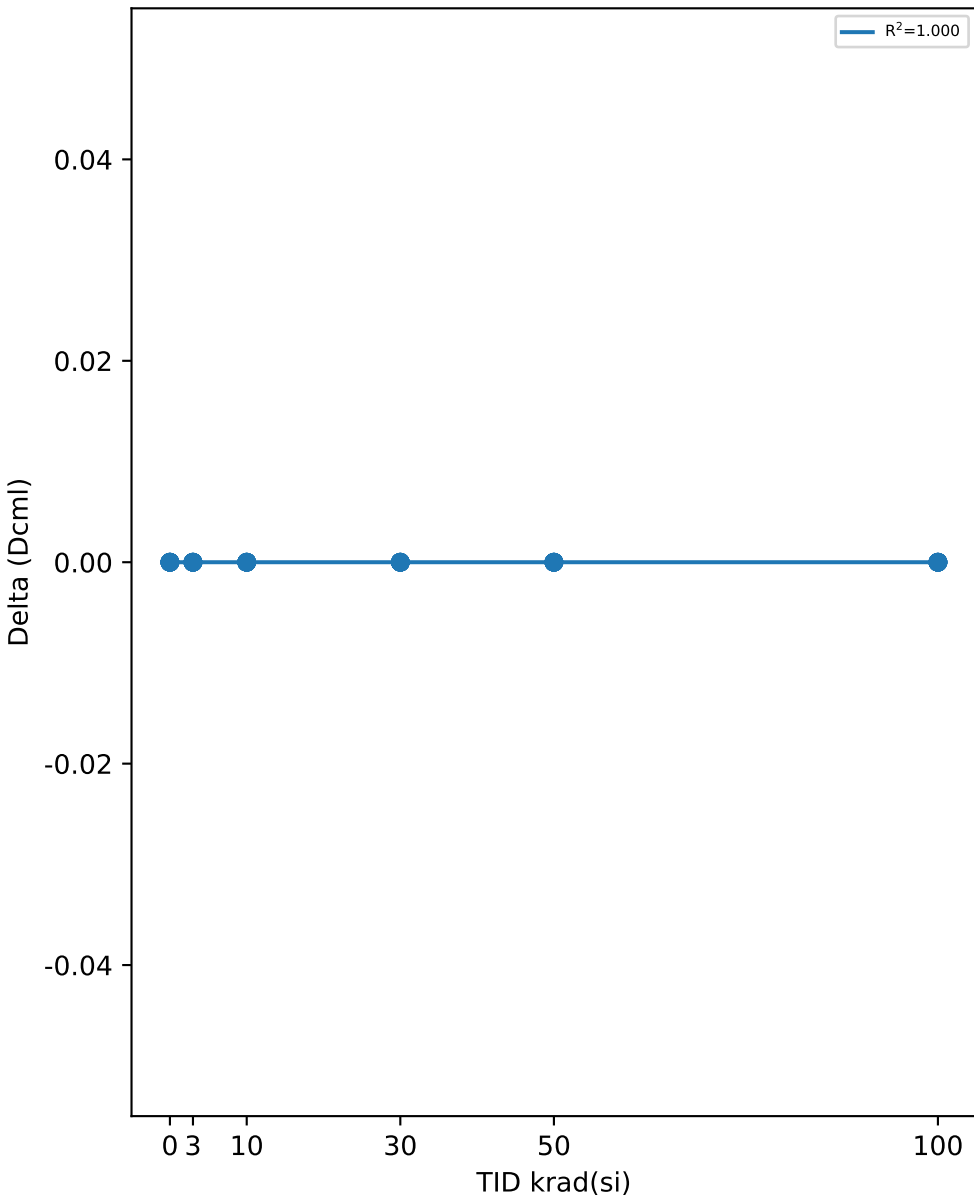
TID vs Result Stats



Test Results (Lower Limit = 0.4, Upper Limit = 0.6 (Dcml))

Serial #	krad(si)	Exposure Conditions	Pre Result	Post Result	Delta
508	0	CORRELATION	0.4	0.4	0
516	0	CORRELATION	0.4	0.4	0
721	0	CORRELATION	0.4	0.4	0
723	0	CORRELATION	0.4	0.4	0
729	0	CORRELATION	0.4	0.4	0
1000	3	Unbiased	0.4	0.4	0
1001	3	Unbiased	0.4	0.4	0
1002	3	Unbiased	0.4	0.4	0
1003	3	Unbiased	0.4	0.4	0
1004	3	Unbiased	0.4	0.4	0
1005	3	Biased	0.4	0.4	0
1006	3	Biased	0.4	0.4	0
1007	3	Biased	0.4	0.4	0
1008	3	Biased	0.4	0.4	0
1009	3	Biased	0.4	0.4	0
1010	10	Unbiased	0.4	0.4	0
1011	10	Unbiased	0.4	0.4	0
1012	10	Unbiased	0.4	0.4	0
1013	10	Unbiased	0.4	0.4	0
1014	10	Unbiased	0.4	0.4	0
1015	10	Biased	0.4	0.4	0
1016	10	Biased	0.4	0.4	0
1017	10	Biased	0.4	0.4	0
1018	10	Biased	0.4	0.4	0
1019	10	Biased	0.4	0.4	0
1020	30	Unbiased	0.4	0.4	0
1021	30	Unbiased	0.4	0.4	0
1022	30	Unbiased	0.4	0.4	0
1023	30	Unbiased	0.4	0.4	0
1024	30	Unbiased	0.4	0.4	0
1025	30	Biased	0.4	0.4	0
1026	30	Biased	0.4	0.4	0
1027	30	Biased	0.4	0.4	0
1028	30	Biased	0.4	0.4	0
1029	30	Biased	0.4	0.4	0
1030	50	Unbiased	0.4	0.4	0
1031	50	Unbiased	0.4	0.4	0
1032	50	Unbiased	0.4	0.4	0
1033	50	Unbiased	0.4	0.4	0
1034	50	Unbiased	0.4	0.4	0
1035	50	Biased-84Hr-Anneal	0.4	0.4	0
1036	50	Biased-84Hr-Anneal	0.4	0.4	0
1037	50	Biased-84Hr-Anneal	0.4	0.4	0
1038	50	Biased-84Hr-Anneal	0.4	0.4	0
1039	50	Biased-84Hr-Anneal	0.4	0.4	0
1040	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1041	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1042	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1043	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1044	100	Unbiased-168Hr-Anneal	0.4	0.4	0
1045	100	Biased-168Hr-Anneal	0.4	0.4	0
1046	100	Biased-168Hr-Anneal	0.4	0.4	0
1047	100	Biased-168Hr-Anneal	0.4	0.4	0
1048	100	Biased-168Hr-Anneal	0.4	0.4	0
1049	100	Biased-168Hr-Anneal	0.4	0.4	0

TID vs Post - Pre Exposure Delta



Test Statistics (Dcml)

krad(si)	Pre Exposure Min	Pre Exposure Avg	Pre Exposure Max	Pre Exposure Std	Post Exposure Min	Post Exposure Avg	Post Exposure Max	Post Exposure Std	Min Delta	Avg Delta	Max Delta	Std Delta
0	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
3	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
10	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
30	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
50	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0
100	0.4	0.4	0.4	0	0.4	0.4	0.4	0	0	0	0	0

6 Revision History

NOTE: Page numbers for previous revisions may differ from page numbers in the current version.

Changes from Revision A (November 2025) to Revision B (December 2025) Page

- Corrected the electrical characteristics table to match the device datasheet.....6
 - Updated Appendix data and added decoder..... 14
-

Changes from Revision * (November 2025) to Revision A (November 2025) Page

- Updated effective dose rate value.....2
 - Updated Appendix data..... 14
-

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