

TPS7H2201-SP Total Ionizing Dose (TID) Report

ABSTRACT

This report discusses the results of the Total Ionizing Dose (TID) testing for the QML Class V certified Texas Instruments 1.5-V to 7.0-V, 6-A load switch TPS7H2201-SP. The study was done to determine TID effects under high dose rate (HDR) up to 100 krad(Si). The results of the irradiation up to 100 krad(Si) are discussed in this report.

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1 Device Information

1.1 Product Description

The TPS7H2201-SP is a single channel load switch that provides configurable rise time to minimize inrush current and reverse current protection. The device contains an P-channel MOSFET that can operate over an input voltage range of 1.5 V to 7 V and can support a maximum continuous current of 6 A. The switch is controlled by an on and off input (EN), which is capable of interfacing directly with low-voltage control signals.

1.2 Device Details

Table 1. Device and Exposure Details

Exposure Details	
TI Device Number	TPS7H2201-SP
Package	16/HKR
Technology	LBC7X
Quantity Tested	97 (77 HDR, 20 LDR)
HDR Radiation Facility	Texas Instruments SVA Group, Santa Clara, CA
HDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si), 150 krad(Si)
HDR Dose Rate	60 rad(Si)/s
HDR Radiation Source	Gammacell 220 Excel (GC-220E) Co-60
HDR Irradiation Temperature	Ambient, room temperature
LDR Radiation Facility	VPT Rad
LDR Dose Level	3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si)
LDR Dose Rate	0.01 rad(Si)/S
LDR Radiation Source	60Co gamma cell
LDR Irradiation Temperature	Ambient, room temperature

2 Total Dose Test Setup

2.1 Test Overview

The TPS7H2201-SP was tested according to MIL-STD-883, Test Method 1019.9. For this testing, Condition A was used. For this test, 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). The device was fully functional.

2.2 Test Description and Facilities

The TPS7H2201-SP HDR exposure was performed on biased and unbiased devices in a Co-60 gamma cell at TI SVA facility in Santa Clara, California. The un-attenuated dose rate of this cell is 65 rad(Si)/s. After exposure, the devices were packed in dry ice (per MIL-STD-883 Method 1019.9 section 3.10) and returned to TI Dallas for a full post radiation electrical evaluation using Texas Instruments ATE. ATE guard band test limits are set within SMD electrical limits to ensure a minimum Cpk and test error margin based on initial qualification and characterization data. Post radiation measurements were taken within 30 minutes of removal of the devices from the dry ice container. The devices were allowed to reach room temperature prior to electrical post radiation measurements.

The TPS50601A-SP LDR exposure was performed on biased and unbiased devices in a Co60 gamma cell under a 10-mrad(Si)/s exposure rate. The dose rate of the irradiator used in the exposure ranges from < 10 mrad(Si)/s to a maximum of approximately 84 rad(Si)/s, determined by the distance from the source. For the LDR (10 mrad(Si)/s) exposure, the test box was positioned approximately 2 m from the source. The exposure boards are housed in a lead-aluminum box (as specified in MIL-STD-883 TM 1019.9) to harden the gamma spectrum and minimize dose enhancement effects. The irradiator calibration is maintained by Logmire Laboratories using Thermoluminescence Dosimeters (TLDs) traceable to the National Institute of Standards and Technology (NIST) and the dosimetry was verified using TLDs prior to the radiation exposures. ATE guard band test limits are set within SMD electrical limits to ensure a minimum Cpk and test error margin based on initial qualification and characterization data.

2.3 Test Setup Details

The devices under both HDR and LDR exposure were tested in both biased and unbiased conditions in two conditions as described as follows.

2.3.1 Unbiased

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

2.3.2 Biased

[Figure 1](#) shows the diagram for exposure with biased condition.

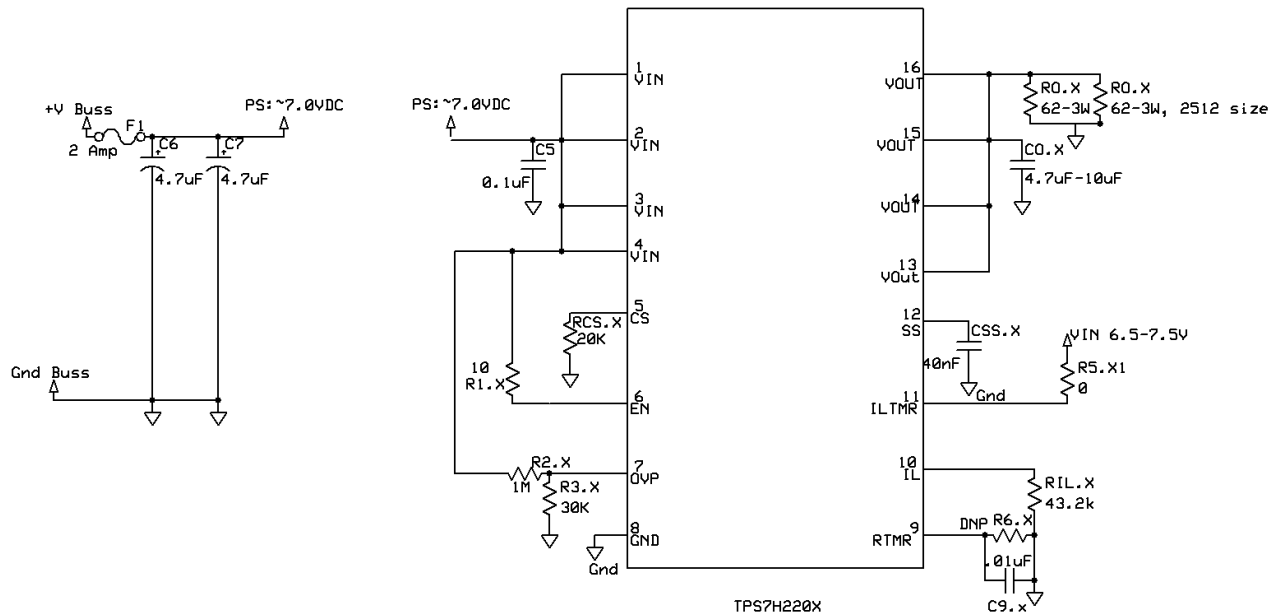


Figure 1. Bias Diagram Used in TID Exposure

2.4 Test Configuration and Condition

LDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), and 100 krad(Si) for biased and unbiased conditions. HDR devices were stressed at 3 krad(Si), 10 krad(Si), 30 krad(Si), 50 krad(Si), 100 krad(Si), and 150 krad(Si) for biased and unbiased conditions.

Table 2. HDR ≤ 50–100 rad(Si)/s Biased Device Information (HDR)

Total Samples: 42					
Exposure Levels:					
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)	150 krad(Si)
2, 3, 4, 5, 6	12, 13, 14, 16, 17	24, 26, 27, 29, 32	38, 39, 41, 42, 44	50, 51, 52, 53, 55, 56, 57, 58, 59, 60, 199, 200, 201, 203, 204, 205, 206, 207, 208, 209, 210, 211	218, 219, 220, 221, 222

Table 3. HDR ≤ 50–100 rad(Si)/s Unbiased Device Information (HDR)

Total Samples: 25					
Exposure Levels:					
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)	150 krad(Si)
7, 8, 9, 10, 11	18, 19, 20, 22, 23	33, 34, 35, 36, 37	45, 46, 47, 48, 49	212, 213, 214, 216, 217	223, 224, 225, 116, 117

Table 4. LDR = 10 mrad(Si)/s Biased Exposure Information (LDR)

Total Samples: 10					
Exposure Levels:					
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)	

Table 4. LDR = 10 mrad(Si)/s Biased Exposure Information (LDR) (continued)

Total Samples: 10				
Exposure Levels:				
253, 254, 255, 257, 259	253, 254, 255, 257, 25	253, 254, 255, 257, 25	253, 254, 255, 257, 25	31, 33, 34, 36, 40

Table 5. LDR = 10 mrad(Si)/s Unbiased Exposure Information (LDR)

Total Samples: 10				
Exposure Levels:				
3 krad(Si)	10 krad(Si)	30 krad(Si)	50 krad(Si)	100 krad(Si)
260, 261, 264, 265, 266	260, 261, 264, 265, 266	260, 261, 264, 265, 266	260, 261, 264, 265, 266	19, 21, 26, 27, 28

3 TID Characterization Summary Results

The parametric data for the TPS7H2201-SP passes up to 100-krad(Si) HDR TID. The HDR 150-krad(Si) rebound test with 100C/168 hrs anneal passed all post tests.

The drift of SMD electrical parameters through HDR exposure was within the pre-rad characterization limits.

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

See [Appendix B](#) and [Appendix C](#) for ELDRS comparison between HDR and LDR data.

See [Appendix D](#) for rebound test results of HDR exposure of 150 krad(Si).

Table 6. TPS7H2201-SP Specification Compliance Matrix

Parameter	Test Condition	TPS7H2201-SP Data Sheet (SLVSD00)				Test #
		MIN	TYP	MAX	Unit	
Quiescent current	IOUT = 0 mA, VIN = EN = 5 V, CS resistor of 20 kΩ to GND		2	6.5	mA	3.x
VIN to VOUT forward leakage current				3	mA	4.x
VIN off-state supply current	EN = GND, VOUT = 0 V, VIN = 5V		0.125	3	mA	4.x
	EN = GND, VOUT = 0 V, VIN = 3.3V		0.075	3	mA	4.x
	EN = GND, VOUT = 0 V, VIN = 1.8V		0.050	3	mA	4.x
Reverse current protection leakage current	EN = 0 V, VIN = 0 to 7 V VOUT = 0 to 7 V for VOUT>VIN			2.5	mA	3.x
	EN = 7 V, VIN = 0 V VOUT = 0 to 7 V			2.5	mA	3.x
Soft start charge current			65	83	μA	6.x
EN/UVLO threshold voltage, rising			0.61	0.65	V	6.x
EN/UVLO threshold voltage, falling		0.47	0.51		V	6.x
EN/UVLO hysteresis voltage			93	124	mV	6.x
EN pin input leakage current	EN = VIN= 5 V			12	nA	6.x
OVPR threshold voltage, rising			0.57	0.63	V	7.x
OVPF threshold voltage, falling		0.5	0.55		V	7.x
OVP hysteresis voltage	1.6 V < VIN < 7 V		20	55	mV	7.x
OVP pin input leakage current				15	nA	7.x
Time for valid CS output after enable, tCSEN	CSS=120 nF			5	ms	13.x
Minimum VOUT current for valid CS output		750			mA	9.x
VOUT current change to CS change delay time				74	μs	22.x
CS pin accuracy	0.75 A ≤ IVOULT ≤ 7.5 A	-10		+10	%	9.x
CS pin voltage	0.75 A ≤ IVOULT ≤ 7.5 A, no OCP			VIN-0.4	V	14.x
Current limit setting, IIL	IVOULT ≤ 1 A	IVOULT +0.5			A	30.x
	1A < IVOULT ≤ 3 A	IVOULT +1			A	30.x
	IVOULT > 3 A	IVOULT +1.5			A	30.x
Programmable current limit accuracy	VIN = 5 V	-20		+20	%	30.x, 10.x
ILTIMER charge current		0.7	1	1.38	μA	12.x
ILTIMER internal pull-down resistance			38	153	Ω	35.x
RTIMER charge current		0.7	1	1.38	μA	12.x

Table 6. TPS7H2201-SP Specification Compliance Matrix (continued)

Parameter	Test Condition	TPS7H2201-SP Data Sheet (SLVSD00)				Test #
		MIN	TYP	MAX	Unit	
RTIMER internal pull-down resistance			38	153	Ω	35.x
ON-state resistance, lead length = 2.5 mm	VIN = 7 V, IIL=7.5 A		31	34	Ω	8.x
	VIN = 5 V, IIL=7.5 A		32	35	Ω	8.x
	VIN = 3.3 V, IIL=7.5 A		35	38	Ω	8.x
	VIN = 1.8 V, IIL=7.5 A		45	51	Ω	8.x
	VIN = 1.5 V, IIL=7.5 A		52	63	Ω	8.x

4 Applicable and Reference Documents

- Texas Instruments, [TPS7H2201-SP Radiation Hardened 1.5-V to 7-V, 6-A Load Switch Data Sheet \(SLVSD00\)](#)
- Texas Instruments, [Single-Event Effects Test Report of the TPS7H2201-SP Load Switch \(SLVAE32\)](#)

4.1 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.

Test Report

Appendix A provides the TID HDR test report for TPS7H2201-SP up to 100 krad(Si).

x.1 - biased
x.2 - unbiased

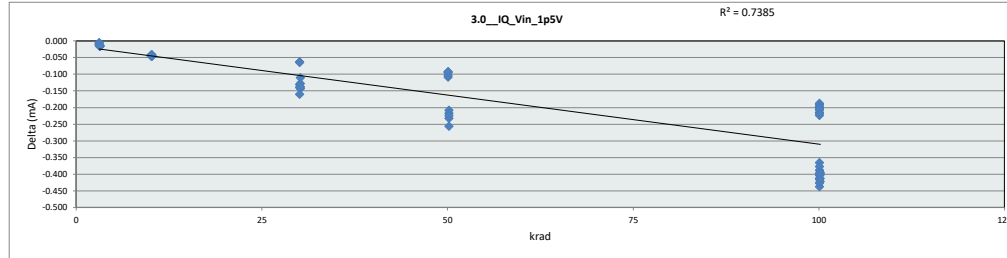
HDR TID Report

TPS7H2201-SP

HDR TID Report
TPS7H2201-SP

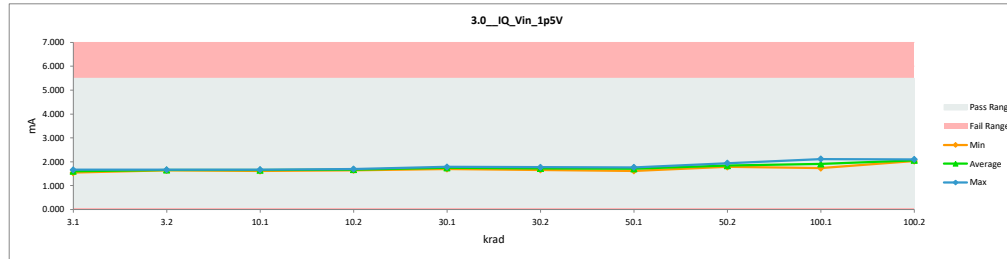
3.0_IQ_Vin_1p5V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	5.5	5.5
Min Limit	0.05	0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.536	1.542	-0.006
3.1	3	1.658	1.663	-0.006
3.1	4	1.616	1.630	-0.015
3.1	5	1.583	1.594	-0.012
3.1	6	1.600	1.611	-0.011
3.2	7	1.626	1.639	-0.013
3.2	8	1.642	1.658	-0.016
3.2	9	1.641	1.657	-0.016
3.2	10	1.633	1.650	-0.017
3.2	11	1.653	1.668	-0.014
10.1	12	1.608	1.654	-0.046
10.1	13	1.567	1.610	-0.043
10.1	14	1.609	1.653	-0.043
10.1	16	1.628	1.672	-0.044
10.1	17	1.613	1.656	-0.043
10.2	18	1.652	1.696	-0.045
10.2	19	1.623	1.669	-0.046
10.2	20	1.594	1.640	-0.046
10.2	22	1.616	1.660	-0.044
10.2	23	1.658	1.700	-0.042
30.1	24	1.635	1.775	-0.139
30.1	26	1.636	1.699	-0.063
30.1	27	1.634	1.765	-0.131
30.1	29	1.640	1.705	-0.065
30.1	32	1.624	1.784	-0.160
30.2	33	1.629	1.771	-0.142
30.2	34	1.590	1.718	-0.128
30.2	35	1.574	1.717	-0.143
30.2	36	1.596	1.734	-0.138
30.2	37	1.547	1.658	-0.111
50.1	38	1.582	1.676	-0.094
50.1	39	1.658	1.767	-0.109
50.1	41	1.641	1.745	-0.103
50.1	42	1.616	1.709	-0.093
50.1	44	1.522	1.616	-0.094
50.2	45	1.593	1.825	-0.232
50.2	46	1.598	1.807	-0.209
50.2	47	1.566	1.784	-0.218
50.2	48	1.605	1.830	-0.224
50.2	49	1.687	1.943	-0.256
100.1	50	1.679	2.117	-0.438
100.1	51	1.617	1.814	-0.198
100.1	52	1.621	1.837	-0.216
100.1	53	1.610	1.834	-0.224
100.1	55	1.545	1.736	-0.191
100.1	56	1.633	2.059	-0.427
100.1	57	1.658	2.071	-0.413
100.1	58	1.637	2.003	-0.366
100.1	59	1.646	1.847	-0.201
100.1	60	1.619	2.007	-0.388
100.1	199	1.613	1.820	-0.207
100.1	200	1.569	1.946	-0.377
100.1	201	1.615	2.018	-0.404
100.1	203	1.576	1.991	-0.415
100.1	204	1.631	1.819	-0.188
100.1	205	1.648	2.045	-0.397
100.1	206	1.559	1.756	-0.197
100.1	207	1.605	1.801	-0.196
100.1	208	1.644	1.845	-0.201
100.1	209	1.655	1.870	-0.215
100.1	210	1.658	1.865	-0.207
100.1	211	1.608	1.827	-0.218
100.2	212	1.633	2.028	-0.395
100.2	213	1.678	2.100	-0.422
100.2	214	1.644	2.046	-0.402
100.2	216	1.654	2.066	-0.413
100.2	217	1.673	2.070	-0.398
Max		1.687	2.117	-0.006
Average		1.619	1.794	-0.175
Min		1.522	1.542	-0.438
Std Dev		0.036	0.151	0.139



3.0_IQ_Vin_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	5.5	mA
Min Limit	0.05	mA

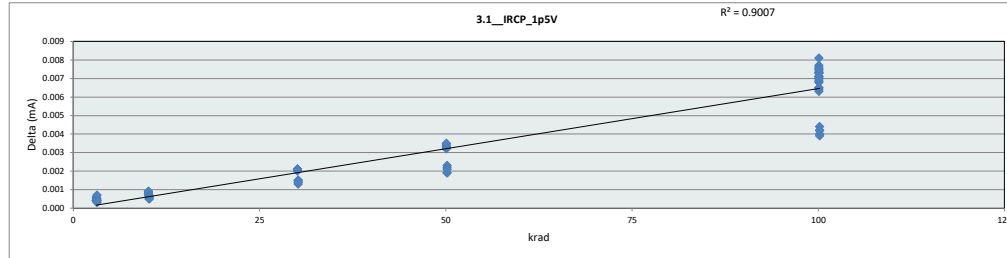
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	1.542	1.639	1.610	1.640	1.699	1.658	1.616	1.784	1.736	2.028
Average	1.608	1.655	1.649	1.673	1.746	1.719	1.703	1.838	1.906	2.062
Max	1.664	1.668	1.672	1.700	1.784	1.771	1.767	1.943	2.117	2.100
UL	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500



HDR TID Report
TPS7H2201-SP

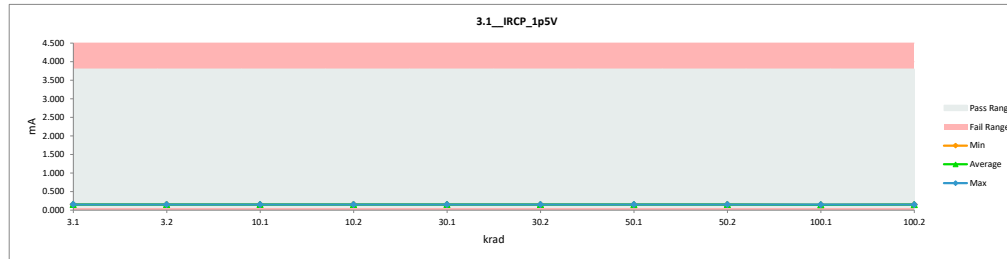
3.1_IRCP_1p5V			
Test Site			
Tester			
Test Number			
Unit	mA	mA	
Max Limit	3.8	3.8	
Min Limit	0.05	0.05	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.150	0.149	0.001
3.1	3	0.153	0.152	0.000
3.1	4	0.152	0.151	0.001
3.1	5	0.150	0.149	0.000
3.1	6	0.151	0.151	0.000
3.2	7	0.151	0.150	0.001
3.2	8	0.151	0.151	0.000
3.2	9	0.152	0.151	0.001
3.2	10	0.151	0.151	0.000
3.2	11	0.152	0.152	0.000
10.1	12	0.151	0.150	0.001
10.1	13	0.150	0.149	0.001
10.1	14	0.151	0.150	0.001
10.1	16	0.151	0.150	0.001
10.1	17	0.150	0.149	0.001
10.2	18	0.151	0.151	0.001
10.2	19	0.151	0.151	0.001
10.2	20	0.150	0.150	0.001
10.2	22	0.150	0.150	0.000
10.2	23	0.151	0.151	0.000
30.1	24	0.150	0.148	0.002
30.1	26	0.151	0.149	0.002
30.1	27	0.151	0.149	0.002
30.1	29	0.151	0.149	0.002
30.1	32	0.151	0.149	0.002
30.2	33	0.151	0.150	0.001
30.2	34	0.150	0.149	0.001
30.2	35	0.150	0.149	0.001
30.2	36	0.150	0.149	0.001
30.2	37	0.149	0.148	0.001
50.1	38	0.151	0.147	0.003
50.1	39	0.150	0.147	0.003
50.1	41	0.151	0.148	0.003
50.1	42	0.151	0.147	0.003
50.1	44	0.149	0.146	0.004
50.2	45	0.150	0.148	0.002
50.2	46	0.151	0.149	0.002
50.2	47	0.150	0.148	0.002
50.2	48	0.150	0.148	0.002
50.2	49	0.151	0.149	0.002
100.1	50	0.151	0.144	0.007
100.1	51	0.151	0.144	0.007
100.1	52	0.151	0.144	0.007
100.1	53	0.151	0.144	0.008
100.1	55	0.149	0.142	0.007
100.1	56	0.152	0.144	0.008
100.1	57	0.151	0.144	0.007
100.1	58	0.151	0.144	0.006
100.1	59	0.151	0.144	0.007
100.1	60	0.151	0.144	0.007
100.1	199	0.151	0.144	0.007
100.1	200	0.149	0.142	0.007
100.1	201	0.151	0.143	0.007
100.1	203	0.150	0.142	0.008
100.1	204	0.153	0.147	0.006
100.1	205	0.151	0.145	0.006
100.1	206	0.150	0.143	0.007
100.1	207	0.151	0.144	0.007
100.1	208	0.151	0.144	0.008
100.1	209	0.151	0.144	0.007
100.1	210	0.151	0.144	0.007
100.1	211	0.151	0.144	0.007
100.2	212	0.152	0.148	0.004
100.2	213	0.151	0.147	0.004
100.2	214	0.151	0.147	0.004
100.2	216	0.152	0.148	0.004
100.2	217	0.151	0.147	0.004
Max		0.153	0.152	0.008
Average		0.151	0.147	0.003
Min		0.149	0.142	0.000
Std Dev		0.001	0.003	0.003



3.1_IRCP_1p5V			
Test Site			
Tester			
Test Number			
Max Limit	3.8	mA	
Min Limit	0.05	mA	

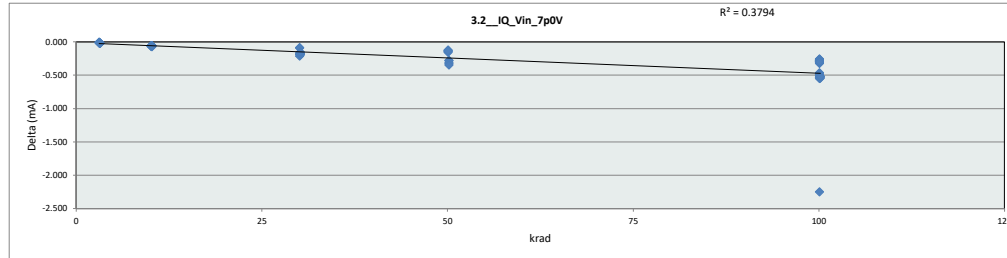
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	0.150	0.150	0.149	0.150	0.148	0.148	0.146	0.148	0.142	0.147
Average	0.151	0.151	0.150	0.150	0.149	0.149	0.147	0.149	0.144	0.147
Max	0.152	0.152	0.150	0.151	0.149	0.150	0.148	0.149	0.147	0.148
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



HDR TID Report
TPS7H2201-SP

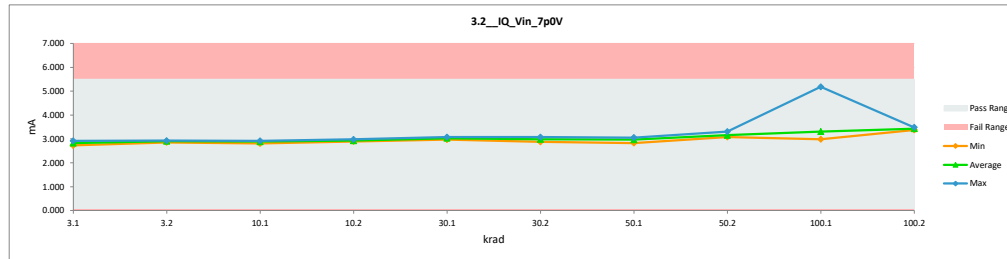
3.2_IQ_Vin_7p0V	
Test Site	
Tester	
Test Number	
Unit	mA mA
Max Limit	5.5 5.5
Min Limit	0.05 0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	2.720	2.726	-0.006
3.1	3	2.911	2.919	-0.007
3.1	4	2.827	2.844	-0.017
3.1	5	2.810	2.826	-0.016
3.1	6	2.813	2.825	-0.012
3.2	7	2.841	2.858	-0.017
3.2	8	2.899	2.924	-0.025
3.2	9	2.868	2.888	-0.020
3.2	10	2.901	2.926	-0.024
3.2	11	2.908	2.926	-0.018
10.1	12	2.853	2.918	-0.064
10.1	13	2.747	2.809	-0.062
10.1	14	2.848	2.912	-0.065
10.1	16	2.843	2.906	-0.063
10.1	17	2.824	2.883	-0.060
10.2	18	2.883	2.944	-0.062
10.2	19	2.850	2.911	-0.061
10.2	20	2.822	2.894	-0.073
10.2	22	2.841	2.898	-0.057
10.2	23	2.919	2.979	-0.060
30.1	24	2.891	3.078	-0.187
30.1	26	2.886	2.974	-0.089
30.1	27	2.889	3.057	-0.168
30.1	29	2.890	2.981	-0.091
30.1	32	2.850	3.065	-0.215
30.2	33	2.887	3.075	-0.188
30.2	34	2.823	2.995	-0.172
30.2	35	2.774	2.967	-0.194
30.2	36	2.837	3.019	-0.182
30.2	37	2.724	2.878	-0.154
50.1	38	2.796	2.920	-0.124
50.1	39	2.900	3.059	-0.158
50.1	41	2.880	3.026	-0.146
50.1	42	2.878	3.009	-0.131
50.1	44	2.688	2.827	-0.139
50.2	45	2.830	3.158	-0.328
50.2	46	2.815	3.093	-0.278
50.2	47	2.798	3.081	-0.283
50.2	48	2.834	3.148	-0.314
50.2	49	2.956	3.304	-0.348
100.1	50	2.934	5.183	-2.249
100.1	51	2.838	3.117	-0.279
100.1	52	2.847	3.158	-0.311
100.1	53	2.820	3.121	-0.301
100.1	55	2.728	2.986	-0.257
100.1	56	2.871	3.423	-0.552
100.1	57	2.914	3.449	-0.535
100.1	58	2.888	3.353	-0.465
100.1	59	2.878	3.155	-0.277
100.1	60	2.837	3.321	-0.484
100.1	199	2.836	3.130	-0.294
100.1	200	2.766	3.257	-0.491
100.1	201	2.859	3.371	-0.512
100.1	203	2.806	3.339	-0.533
100.1	204	2.886	3.181	-0.296
100.1	205	2.872	3.376	-0.504
100.1	206	2.770	3.033	-0.263
100.1	207	2.857	3.142	-0.284
100.1	208	2.886	3.172	-0.286
100.1	209	2.915	3.238	-0.324
100.1	210	2.893	3.168	-0.275
100.1	211	2.857	3.159	-0.302
100.2	212	2.860	3.376	-0.516
100.2	213	2.942	3.488	-0.546
100.2	214	2.888	3.412	-0.525
100.2	216	2.890	3.427	-0.537
100.2	217	2.933	3.450	-0.517
Max		2.956	5.183	-0.006
Average		2.851	3.111	-0.260
Min		2.688	2.726	-2.249
Std Dev		0.056	0.321	0.302



3.2_IQ_Vin_7p0V	
Test Site	
Tester	
Test Number	
Max Limit	5.5 mA
Min Limit	0.05 mA

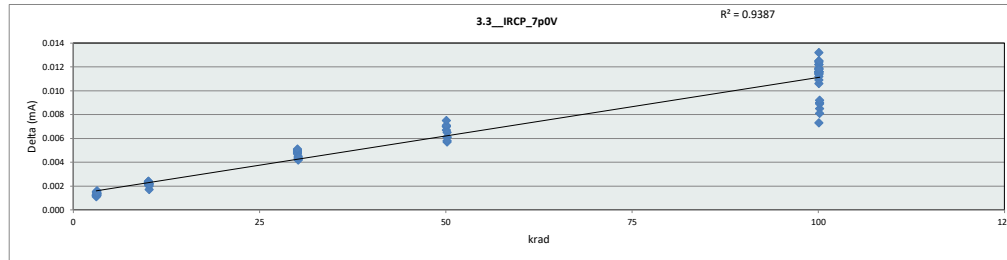
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	2.726	2.858	2.809	2.894	2.974	2.878	2.827	3.081	2.986	3.376
Average	2.828	2.904	2.886	2.926	3.031	2.987	2.968	3.157	3.310	3.431
Max	2.919	2.926	2.918	2.979	3.078	3.075	3.059	3.304	5.183	3.488
UL	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500	5.500



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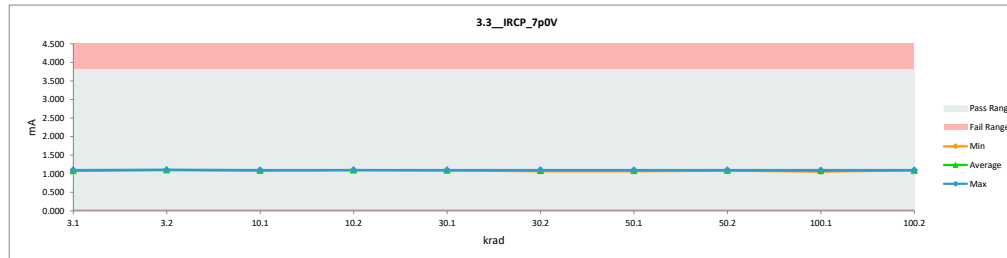
3.3_IRCP_7p0V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	3.8
Min Limit	0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.079	1.077	0.002
3.1	3	1.101	1.099	0.001
3.1	4	1.103	1.102	0.001
3.1	5	1.084	1.083	0.001
3.1	6	1.098	1.097	0.001
3.2	7	1.101	1.100	0.001
3.2	8	1.102	1.101	0.001
3.2	9	1.102	1.100	0.002
3.2	10	1.104	1.102	0.001
3.2	11	1.106	1.104	0.001
10.1	12	1.097	1.095	0.002
10.1	13	1.081	1.079	0.002
10.1	14	1.097	1.095	0.002
10.1	16	1.101	1.099	0.002
10.1	17	1.082	1.080	0.002
10.2	18	1.104	1.102	0.002
10.2	19	1.104	1.101	0.002
10.2	20	1.095	1.093	0.002
10.2	22	1.092	1.091	0.002
10.2	23	1.103	1.100	0.002
30.1	24	1.095	1.090	0.005
30.1	26	1.100	1.095	0.005
30.1	27	1.103	1.098	0.005
30.1	29	1.101	1.096	0.005
30.1	32	1.099	1.094	0.005
30.2	33	1.105	1.101	0.004
30.2	34	1.096	1.092	0.004
30.2	35	1.094	1.089	0.004
30.2	36	1.092	1.088	0.005
30.2	37	1.072	1.067	0.004
50.1	38	1.095	1.088	0.007
50.1	39	1.101	1.094	0.007
50.1	41	1.104	1.097	0.007
50.1	42	1.099	1.092	0.007
50.1	44	1.076	1.068	0.007
50.2	45	1.090	1.084	0.006
50.2	46	1.098	1.092	0.006
50.2	47	1.089	1.082	0.007
50.2	48	1.096	1.090	0.006
50.2	49	1.103	1.097	0.006
100.1	50	1.098	1.091	0.007
100.1	51	1.099	1.087	0.012
100.1	52	1.097	1.086	0.012
100.1	53	1.104	1.092	0.012
100.1	55	1.071	1.060	0.012
100.1	56	1.097	1.084	0.013
100.1	57	1.100	1.089	0.012
100.1	58	1.098	1.088	0.011
100.1	59	1.098	1.086	0.012
100.1	60	1.101	1.090	0.011
100.1	199	1.100	1.088	0.012
100.1	200	1.079	1.067	0.012
100.1	201	1.098	1.085	0.012
100.1	203	1.088	1.075	0.013
100.1	204	1.107	1.095	0.012
100.1	205	1.100	1.089	0.011
100.1	206	1.081	1.069	0.011
100.1	207	1.097	1.085	0.011
100.1	208	1.096	1.084	0.012
100.1	209	1.101	1.089	0.012
100.1	210	1.100	1.089	0.012
100.1	211	1.100	1.087	0.013
100.2	212	1.098	1.090	0.008
100.2	213	1.097	1.089	0.008
100.2	214	1.101	1.092	0.009
100.2	216	1.107	1.098	0.009
100.2	217	1.098	1.088	0.009
Max		1.107	1.104	0.013
Average		1.096	1.090	0.007
Min		1.071	1.060	0.001
Std Dev		0.008	0.009	0.004



3.3_IRCP_7p0V	
Test Site	
Tester	
Test Number	
Max Limit	3.8
Min Limit	0.05

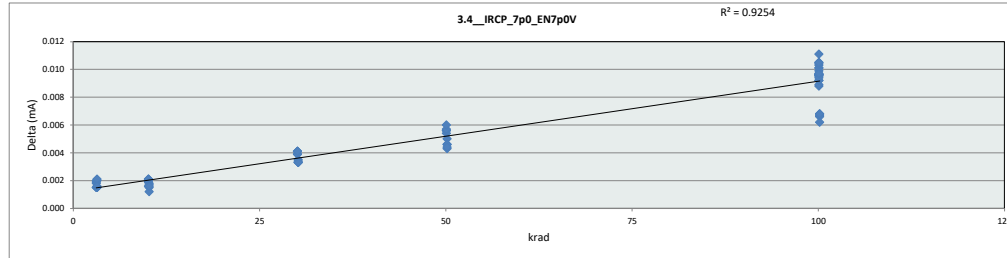
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	1.077	1.100	1.079	1.091	1.090	1.067	1.068	1.082	1.060	1.088
Average	1.092	1.102	1.090	1.097	1.095	1.087	1.088	1.089	1.084	1.091
Max	1.102	1.104	1.099	1.102	1.098	1.101	1.097	1.097	1.096	1.098
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



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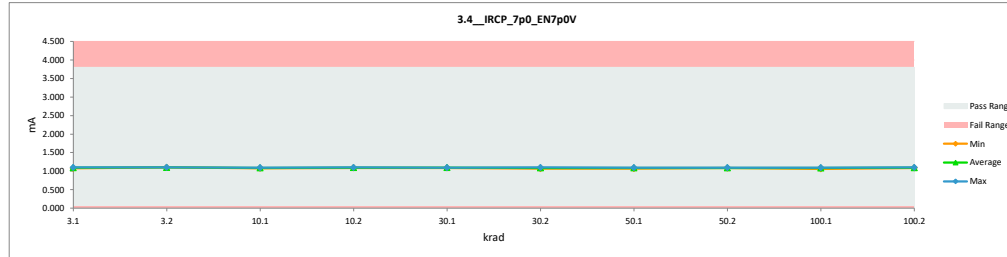
3.4_IRCP_7p0_EN7p0V			
Test Site			
Tester			
Test Number			
Unit	mA	mA	
Max Limit	3.8	3.8	
Min Limit	0.05	0.05	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.079	1.077	0.002
3.1	3	1.101	1.099	0.002
3.1	4	1.103	1.101	0.002
3.1	5	1.084	1.082	0.001
3.1	6	1.098	1.096	0.002
3.2	7	1.101	1.099	0.002
3.2	8	1.102	1.100	0.002
3.2	9	1.102	1.100	0.002
3.2	10	1.103	1.102	0.002
3.2	11	1.105	1.104	0.002
10.1	12	1.097	1.095	0.002
10.1	13	1.081	1.079	0.002
10.1	14	1.097	1.095	0.002
10.1	16	1.100	1.098	0.002
10.1	17	1.081	1.080	0.002
10.2	18	1.103	1.101	0.002
10.2	19	1.103	1.101	0.002
10.2	20	1.094	1.093	0.002
10.2	22	1.092	1.090	0.001
10.2	23	1.102	1.100	0.002
30.1	24	1.094	1.090	0.004
30.1	26	1.099	1.095	0.004
30.1	27	1.102	1.098	0.004
30.1	29	1.100	1.096	0.004
30.1	32	1.099	1.095	0.004
30.2	33	1.105	1.101	0.003
30.2	34	1.096	1.092	0.003
30.2	35	1.093	1.089	0.003
30.2	36	1.092	1.088	0.003
30.2	37	1.071	1.067	0.003
50.1	38	1.094	1.088	0.006
50.1	39	1.100	1.095	0.005
50.1	41	1.103	1.097	0.006
50.1	42	1.098	1.093	0.006
50.1	44	1.075	1.069	0.006
50.2	45	1.089	1.085	0.005
50.2	46	1.097	1.092	0.004
50.2	47	1.088	1.083	0.005
50.2	48	1.095	1.090	0.005
50.2	49	1.102	1.098	0.004
100.1	50	1.097	1.088	0.009
100.1	51	1.098	1.089	0.010
100.1	52	1.097	1.087	0.010
100.1	53	1.104	1.094	0.010
100.1	55	1.071	1.061	0.010
100.1	56	1.096	1.085	0.011
100.1	57	1.100	1.090	0.009
100.1	58	1.098	1.089	0.009
100.1	59	1.097	1.087	0.010
100.1	60	1.100	1.091	0.010
100.1	199	1.099	1.089	0.010
100.1	200	1.078	1.068	0.010
100.1	201	1.097	1.087	0.010
100.1	203	1.087	1.076	0.010
100.1	204	1.106	1.097	0.010
100.1	205	1.099	1.090	0.009
100.1	206	1.080	1.071	0.009
100.1	207	1.096	1.087	0.009
100.1	208	1.095	1.085	0.010
100.1	209	1.100	1.091	0.010
100.1	210	1.099	1.090	0.010
100.1	211	1.099	1.088	0.010
100.2	212	1.098	1.091	0.007
100.2	213	1.096	1.090	0.006
100.2	214	1.100	1.094	0.007
100.2	216	1.106	1.099	0.007
100.2	217	1.097	1.090	0.007
Max		1.106	1.104	0.011
Average		1.096	1.090	0.006
Min		1.071	1.061	0.001
Std Dev		0.008	0.009	0.003



3.4_IRCP_7p0_EN7p0V			
Test Site			
Tester			
Test Number			
Max Limit	3.8	mA	
Min Limit	0.05	mA	

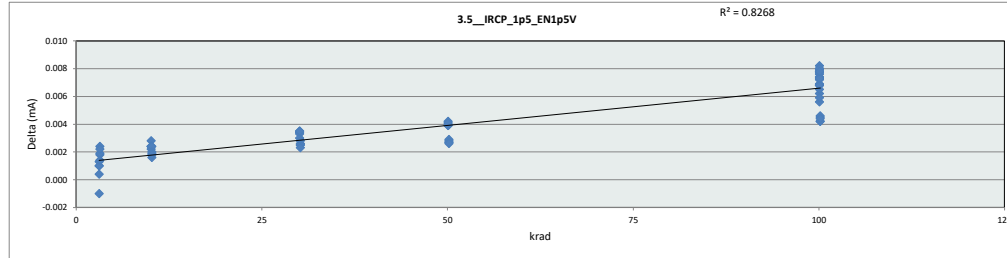
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	1.077	1.099	1.079	1.090	1.090	1.067	1.069	1.083	1.061	1.090
Average	1.091	1.101	1.089	1.097	1.095	1.088	1.088	1.090	1.085	1.093
Max	1.101	1.104	1.098	1.101	1.098	1.101	1.098	1.098	1.097	1.099
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



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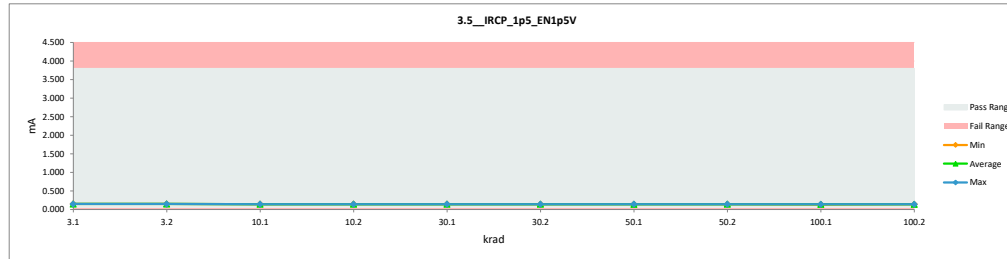
3.5_IRCP_1p5_EN1p5V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	3.8	3.8
Min Limit	0.05	0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.146	0.147	-0.001
3.1	3	0.150	0.150	0.000
3.1	4	0.149	0.148	0.001
3.1	5	0.148	0.147	0.001
3.1	6	0.149	0.148	0.001
3.2	7	0.148	0.147	0.001
3.2	8	0.149	0.147	0.002
3.2	9	0.149	0.147	0.002
3.2	10	0.149	0.147	0.002
3.2	11	0.149	0.147	0.002
10.1	12	0.148	0.146	0.002
10.1	13	0.147	0.145	0.002
10.1	14	0.148	0.145	0.002
10.1	16	0.148	0.146	0.003
10.1	17	0.147	0.144	0.002
10.2	18	0.148	0.146	0.002
10.2	19	0.148	0.146	0.002
10.2	20	0.147	0.146	0.002
10.2	22	0.147	0.145	0.002
10.2	23	0.148	0.146	0.002
30.1	24	0.146	0.143	0.003
30.1	26	0.147	0.144	0.003
30.1	27	0.147	0.144	0.003
30.1	29	0.147	0.144	0.003
30.1	32	0.147	0.143	0.003
30.2	33	0.148	0.145	0.003
30.2	34	0.147	0.144	0.003
30.2	35	0.146	0.144	0.002
30.2	36	0.146	0.144	0.002
30.2	37	0.145	0.142	0.002
50.1	38	0.146	0.142	0.004
50.1	39	0.146	0.142	0.004
50.1	41	0.147	0.143	0.004
50.1	42	0.146	0.142	0.004
50.1	44	0.145	0.140	0.004
50.2	45	0.145	0.143	0.003
50.2	46	0.147	0.144	0.003
50.2	47	0.146	0.143	0.003
50.2	48	0.146	0.143	0.003
50.2	49	0.146	0.144	0.003
100.1	50	0.146	0.141	0.006
100.1	51	0.146	0.140	0.006
100.1	52	0.146	0.140	0.006
100.1	53	0.147	0.140	0.007
100.1	55	0.144	0.138	0.006
100.1	56	0.147	0.139	0.008
100.1	57	0.146	0.139	0.007
100.1	58	0.147	0.139	0.008
100.1	59	0.147	0.139	0.008
100.1	60	0.146	0.139	0.007
100.1	199	0.147	0.139	0.008
100.1	200	0.145	0.137	0.008
100.1	201	0.146	0.138	0.008
100.1	203	0.145	0.137	0.008
100.1	204	0.148	0.142	0.007
100.1	205	0.146	0.139	0.007
100.1	206	0.145	0.138	0.007
100.1	207	0.146	0.139	0.007
100.1	208	0.146	0.139	0.008
100.1	209	0.146	0.138	0.007
100.1	210	0.146	0.139	0.007
100.1	211	0.146	0.138	0.008
100.2	212	0.146	0.142	0.004
100.2	213	0.146	0.141	0.004
100.2	214	0.146	0.141	0.005
100.2	216	0.147	0.142	0.005
100.2	217	0.146	0.142	0.004
	Max	0.150	0.150	0.008
	Average	0.147	0.143	0.004
	Min	0.144	0.137	-0.001
	Std Dev	0.001	0.003	0.002



3.5_IRCP_1p5_EN1p5V		
Test Site		
Tester		
Test Number		
Max Limit	3.8	mA
Min Limit	0.05	mA

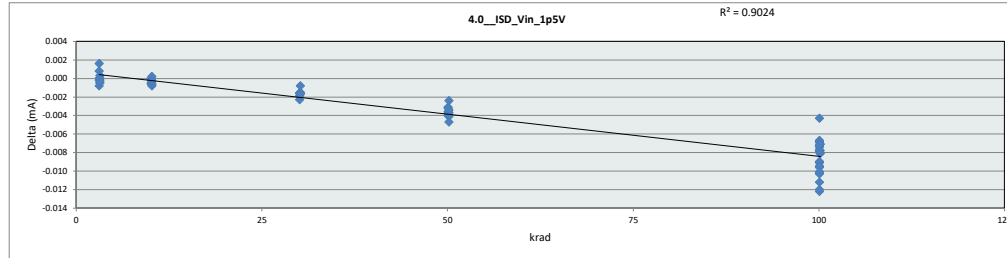
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	0.147	0.147	0.144	0.145	0.143	0.142	0.140	0.143	0.137	0.141
Average	0.148	0.147	0.145	0.146	0.144	0.144	0.142	0.143	0.139	0.142
Max	0.150	0.147	0.146	0.146	0.144	0.145	0.143	0.144	0.142	0.142
UL	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800	3.800



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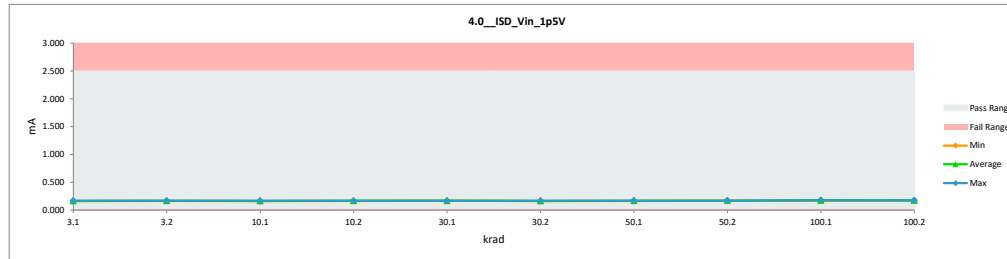
4.0_ISD_Vin_1p5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	2.5
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.164	0.162	0.002
3.1	3	0.168	0.167	0.001
3.1	4	0.167	0.167	0.000
3.1	5	0.162	0.162	0.000
3.1	6	0.164	0.165	-0.001
3.2	7	0.165	0.164	0.000
3.2	8	0.167	0.167	0.000
3.2	9	0.165	0.165	0.000
3.2	10	0.165	0.166	-0.001
3.2	11	0.167	0.168	0.000
10.1	12	0.165	0.166	-0.001
10.1	13	0.161	0.162	-0.001
10.1	14	0.164	0.164	0.000
10.1	16	0.167	0.167	0.000
10.1	17	0.162	0.162	0.000
10.2	18	0.167	0.167	0.000
10.2	19	0.166	0.167	-0.001
10.2	20	0.164	0.165	-0.001
10.2	22	0.165	0.165	-0.001
10.2	23	0.166	0.166	0.000
30.1	24	0.164	0.166	-0.002
30.1	26	0.166	0.168	-0.002
30.1	27	0.167	0.168	-0.002
30.1	29	0.166	0.168	-0.002
30.1	32	0.166	0.168	-0.002
30.2	33	0.167	0.168	-0.002
30.2	34	0.165	0.166	-0.001
30.2	35	0.163	0.165	-0.002
30.2	36	0.164	0.166	-0.002
30.2	37	0.161	0.162	-0.001
50.1	38	0.164	0.167	-0.004
50.1	39	0.165	0.169	-0.004
50.1	41	0.167	0.170	-0.003
50.1	42	0.164	0.168	-0.003
50.1	44	0.161	0.164	-0.004
50.2	45	0.164	0.168	-0.004
50.2	46	0.168	0.170	-0.002
50.2	47	0.162	0.167	-0.004
50.2	48	0.165	0.168	-0.003
50.2	49	0.167	0.171	-0.005
100.1	50	0.168	0.176	-0.008
100.1	51	0.165	0.175	-0.010
100.1	52	0.164	0.174	-0.009
100.1	53	0.166	0.178	-0.012
100.1	55	0.160	0.169	-0.009
100.1	56	0.167	0.179	-0.012
100.1	57	0.167	0.174	-0.007
100.1	58	0.166	0.174	-0.008
100.1	59	0.168	0.177	-0.009
100.1	60	0.167	0.174	-0.008
100.1	199	0.166	0.173	-0.007
100.1	200	0.162	0.171	-0.009
100.1	201	0.166	0.173	-0.007
100.1	203	0.163	0.173	-0.010
100.1	204	0.172	0.176	-0.004
100.1	205	0.166	0.173	-0.007
100.1	206	0.162	0.169	-0.007
100.1	207	0.166	0.173	-0.007
100.1	208	0.166	0.177	-0.011
100.1	209	0.166	0.176	-0.010
100.1	210	0.167	0.176	-0.010
100.1	211	0.166	0.176	-0.010
100.2	212	0.167	0.174	-0.007
100.2	213	0.165	0.173	-0.008
100.2	214	0.166	0.174	-0.008
100.2	216	0.167	0.175	-0.008
100.2	217	0.168	0.175	-0.007
Max		0.172	0.179	0.002
Average		0.165	0.170	-0.004
Min		0.160	0.162	-0.012
Std Dev		0.002	0.005	0.004



4.0_ISD_Vin_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	2.5 mA
Min Limit	0.01 mA

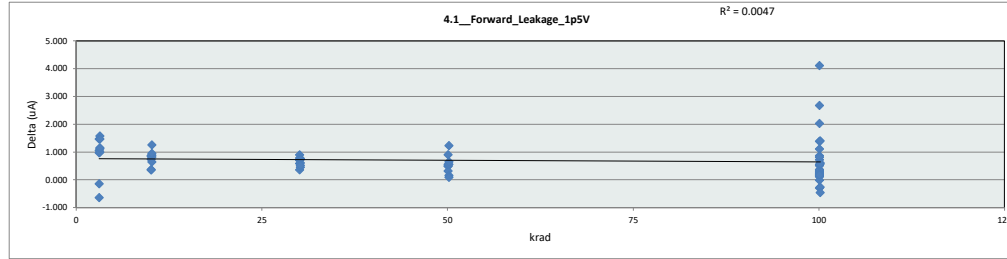
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	0.162	0.165	0.162	0.165	0.166	0.162	0.164	0.167	0.169	0.173
Average	0.165	0.166	0.164	0.166	0.167	0.165	0.168	0.169	0.174	0.174
Max	0.167	0.168	0.167	0.167	0.168	0.168	0.170	0.171	0.179	0.175
UL	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500



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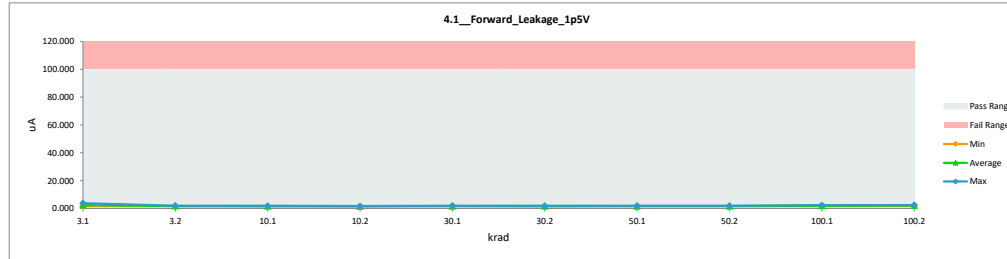
4.1 Forward Leakage_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	3.597	2.540	1.057
3.1	3	3.192	3.833	-0.641
3.1	4	3.538	2.074	1.464
3.1	5	2.776	1.806	0.970
3.1	6	2.235	2.379	-0.144
3.2	7	3.339	1.766	1.574
3.2	8	2.746	1.752	0.993
3.2	9	3.169	2.048	1.121
3.2	10	2.799	1.651	1.148
3.2	11	3.248	1.783	1.465
10.1	12	2.333	1.599	0.735
10.1	13	1.999	1.645	0.354
10.1	14	2.486	1.642	0.844
10.1	16	2.224	1.858	0.366
10.1	17	2.506	1.635	0.871
10.2	18	2.522	1.640	0.882
10.2	19	2.587	1.768	0.818
10.2	20	2.634	1.689	0.945
10.2	22	2.800	1.549	1.251
10.2	23	2.268	1.627	0.641
30.1	24	2.563	1.668	0.895
30.1	26	2.464	1.685	0.780
30.1	27	2.423	1.717	0.705
30.1	29	2.375	1.791	0.584
30.1	32	2.344	1.985	0.360
30.2	33	2.311	1.705	0.605
30.2	34	2.376	1.609	0.768
30.2	35	2.428	1.696	0.732
30.2	36	2.114	1.664	0.450
30.2	37	2.497	1.977	0.520
50.1	38	2.177	1.680	0.497
50.1	39	2.153	1.668	0.485
50.1	41	2.204	1.887	0.317
50.1	42	2.306	1.753	0.553
50.1	44	2.716	1.814	0.902
50.2	45	1.967	1.813	0.155
50.2	46	2.912	1.683	1.229
50.2	47	2.229	1.673	0.556
50.2	48	2.369	1.723	0.646
50.2	49	1.950	1.863	0.087
100.1	50	3.674	1.648	2.026
100.1	51	2.165	1.898	0.266
100.1	52	2.294	1.995	0.299
100.1	53	2.039	1.932	0.107
100.1	55	3.054	1.944	1.110
100.1	56	4.450	1.777	2.673
100.1	57	1.870	2.165	-0.295
100.1	58	1.898	1.914	-0.016
100.1	59	2.401	2.055	0.346
100.1	60	2.003	1.866	0.137
100.1	199	2.851	1.984	0.866
100.1	200	2.342	2.174	0.167
100.1	201	2.275	1.908	0.367
100.1	203	2.297	2.089	0.208
100.1	204	5.995	1.888	4.107
100.1	205	2.447	1.940	0.508
100.1	206	2.643	1.923	0.720
100.1	207	2.252	2.033	0.219
100.1	208	3.418	2.035	1.383
100.1	209	2.380	2.211	0.169
100.1	210	2.770	1.959	0.811
100.1	211	2.900	2.351	0.549
100.2	212	2.575	1.969	0.606
100.2	213	1.947	2.214	-0.267
100.2	214	2.034	2.495	-0.461
100.2	216	2.770	2.200	0.569
100.2	217	3.308	1.911	1.397
Max		5.995	3.833	4.107
Average		2.611	1.908	0.703
Min		1.870	1.549	-0.641
Std Dev		0.648	0.326	0.696



4.1 Forward Leakage_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	100 uA
Min Limit	0.01 uA

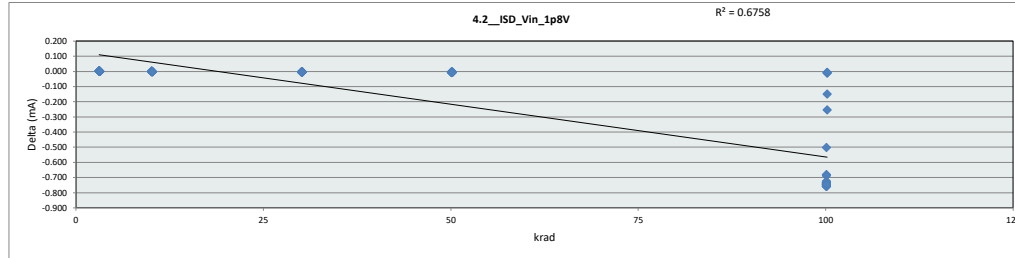
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	1.806	1.651	1.599	1.549	1.668	1.609	1.668	1.673	1.648	1.912
Average	2.526	1.800	1.676	1.655	1.769	1.730	1.760	1.751	1.986	2.158
Max	3.833	2.048	1.858	1.768	1.985	1.977	1.887	1.863	2.351	2.495
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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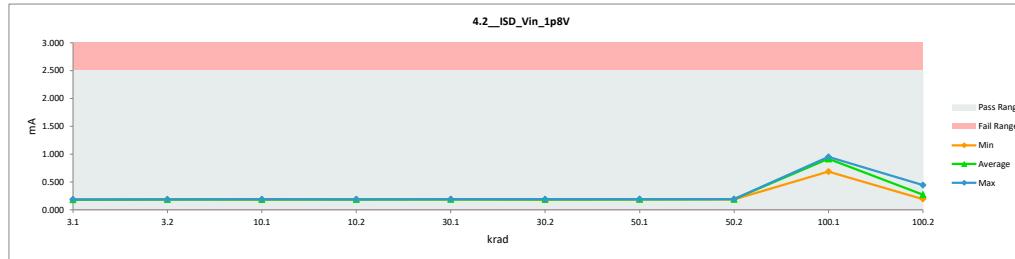
4.2_ISD_Vin_1p8V			
Test Site			
Tester			
Test Number			
Unit	mA	mA	
Max Limit	2.5	2.5	
Min Limit	0.01	0.01	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.184	0.180	0.004
3.1	3	0.189	0.186	0.003
3.1	4	0.188	0.186	0.003
3.1	5	0.181	0.180	0.001
3.1	6	0.187	0.183	0.004
3.2	7	0.184	0.184	0.000
3.2	8	0.186	0.187	0.000
3.2	9	0.185	0.185	0.000
3.2	10	0.185	0.184	0.000
3.2	11	0.188	0.186	0.002
10.1	12	0.188	0.186	0.002
10.1	13	0.179	0.181	-0.002
10.1	14	0.183	0.185	-0.001
10.1	16	0.186	0.190	-0.003
10.1	17	0.184	0.181	0.002
10.2	18	0.189	0.189	0.000
10.2	19	0.186	0.189	-0.003
10.2	20	0.183	0.185	-0.002
10.2	22	0.184	0.186	-0.002
10.2	23	0.185	0.187	-0.001
30.1	24	0.183	0.188	-0.005
30.1	26	0.184	0.189	-0.005
30.1	27	0.188	0.190	-0.002
30.1	29	0.185	0.190	-0.005
30.1	32	0.185	0.190	-0.005
30.2	33	0.186	0.190	-0.005
30.2	34	0.184	0.188	-0.004
30.2	35	0.183	0.186	-0.003
30.2	36	0.183	0.188	-0.005
30.2	37	0.180	0.182	-0.002
50.1	38	0.185	0.189	-0.004
50.1	39	0.184	0.192	-0.008
50.1	41	0.189	0.192	-0.003
50.1	42	0.183	0.190	-0.007
50.1	44	0.180	0.185	-0.005
50.2	45	0.183	0.189	-0.007
50.2	46	0.189	0.192	-0.003
50.2	47	0.182	0.187	-0.005
50.2	48	0.183	0.189	-0.006
50.2	49	0.186	0.192	-0.007
100.1	50	0.190	0.922	-0.732
100.1	51	0.184	0.932	-0.748
100.1	52	0.183	0.929	-0.746
100.1	53	0.185	0.943	-0.758
100.1	55	0.180	0.914	-0.734
100.1	56	0.188	0.946	-0.758
100.1	57	0.185	0.934	-0.749
100.1	58	0.185	0.865	-0.680
100.1	59	0.190	0.944	-0.755
100.1	60	0.185	0.687	-0.502
100.1	199	0.188	0.925	-0.737
100.1	200	0.179	0.916	-0.737
100.1	201	0.186	0.925	-0.739
100.1	203	0.183	0.923	-0.740
100.1	204	0.192	0.951	-0.758
100.1	205	0.185	0.874	-0.689
100.1	206	0.181	0.914	-0.733
100.1	207	0.185	0.909	-0.724
100.1	208	0.188	0.945	-0.758
100.1	209	0.185	0.932	-0.747
100.1	210	0.189	0.937	-0.749
100.1	211	0.188	0.935	-0.747
100.2	212	0.188	0.443	-0.254
100.2	213	0.184	0.194	-0.010
100.2	214	0.184	0.195	-0.011
100.2	216	0.188	0.338	-0.150
100.2	217	0.189	0.196	-0.007
	Max	0.192	0.951	0.004
	Average	0.185	0.432	-0.247
	Min	0.179	0.180	-0.758
	Std Dev	0.003	0.343	0.342



4.2_ISD_Vin_1p8V			
Test Site			
Tester			
Test Number			
Max Limit	2.5	mA	
Min Limit	0.01	mA	

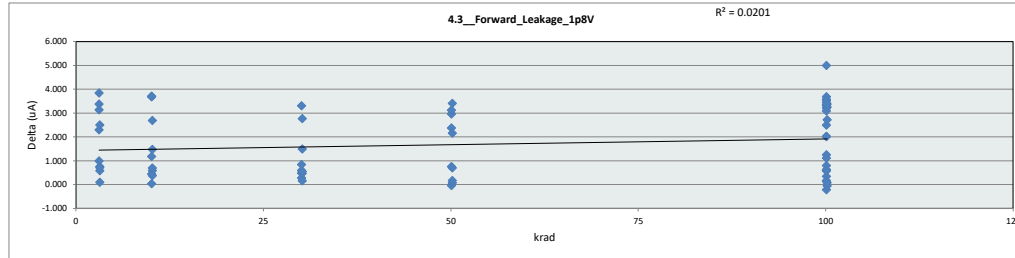
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	0.180	0.184	0.181	0.185	0.188	0.182	0.185	0.187	0.687	0.194
Average	0.183	0.185	0.184	0.187	0.189	0.187	0.190	0.190	0.914	0.273
Max	0.186	0.187	0.190	0.189	0.190	0.190	0.192	0.192	0.951	0.443
UL	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500



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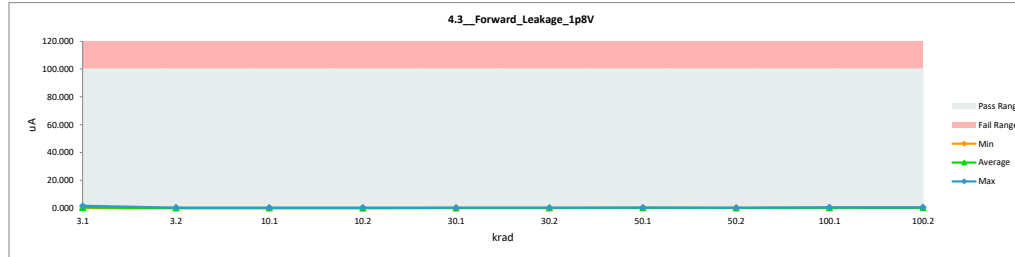
4.3 Forward Leakage_1p8V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	3.729	0.352	3.377
3.1	3	4.050	1.758	2.292
3.1	4	3.348	0.212	3.136
3.1	5	1.313	0.323	0.990
3.1	6	4.228	0.386	3.843
3.2	7	0.412	0.317	0.095
3.2	8	0.822	0.071	0.751
3.2	9	0.945	0.365	0.580
3.2	10	1.250	0.539	0.711
3.2	11	2.694	0.197	2.498
10.1	12	3.934	0.253	3.681
10.1	13	0.488	0.045	0.443
10.1	14	0.463	0.428	0.035
10.1	16	1.298	0.125	1.173
10.1	17	4.004	0.298	3.706
10.2	18	3.128	0.439	2.689
10.2	19	1.511	0.040	1.472
10.2	20	0.662	0.076	0.586
10.2	22	0.452	0.079	0.373
10.2	23	1.043	0.351	0.692
30.1	24	0.598	0.123	0.475
30.1	26	0.865	0.275	0.589
30.1	27	3.656	0.354	3.302
30.1	29	0.461	0.185	0.276
30.1	32	1.051	0.212	0.838
30.2	33	0.626	0.155	0.471
30.2	34	0.393	0.237	0.156
30.2	35	1.823	0.331	1.492
30.2	36	0.863	0.316	0.547
30.2	37	3.129	0.361	2.768
50.1	38	3.421	0.464	2.957
50.1	39	0.216	0.259	-0.043
50.1	41	3.529	0.409	3.120
50.1	42	1.246	0.491	0.755
50.1	44	2.600	0.228	2.372
50.2	45	0.403	0.332	0.072
50.2	46	3.562	0.152	3.409
50.2	47	2.473	0.316	2.156
50.2	48	1.061	0.365	0.696
50.2	49	0.433	0.265	0.168
100.1	50	4.159	0.473	3.685
100.1	51	1.612	0.363	1.249
100.1	52	0.864	0.521	0.343
100.1	53	0.806	0.236	0.569
100.1	55	3.657	0.300	3.357
100.1	56	4.092	0.514	3.578
100.1	57	0.871	0.261	0.609
100.1	58	0.410	0.259	0.152
100.1	59	3.620	0.418	3.202
100.1	60	0.404	0.626	-0.222
100.1	199	4.132	0.685	3.447
100.1	200	1.570	0.458	1.112
100.1	201	2.302	0.290	2.012
100.1	203	3.084	0.591	2.493
100.1	204	5.130	0.132	4.998
100.1	205	1.199	0.405	0.794
100.1	206	2.320	0.296	2.025
100.1	207	1.113	0.487	0.626
100.1	208	3.779	0.475	3.304
100.1	209	0.701	0.546	0.155
100.1	210	3.500	0.417	3.083
100.1	211	4.048	0.517	3.531
100.2	212	3.352	0.633	2.719
100.2	213	0.368	0.426	-0.058
100.2	214	0.632	0.557	0.075
100.2	216	3.610	0.358	3.251
100.2	217	3.876	0.503	3.373
Max		5.130	1.758	4.998
Average		2.051	0.362	1.689
Min		0.216	0.040	-0.222
Std Dev		1.446	0.230	1.394



4.3 Forward Leakage_1p8V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

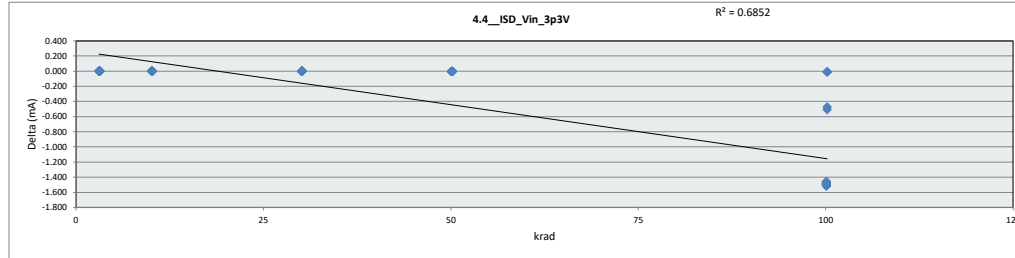
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	0.212	0.071	0.045	0.040	0.123	0.155	0.228	0.152	0.132	0.358
Average	0.606	0.298	0.230	0.197	0.230	0.280	0.370	0.286	0.421	0.495
Max	1.758	0.539	0.428	0.439	0.354	0.361	0.491	0.365	0.685	0.633
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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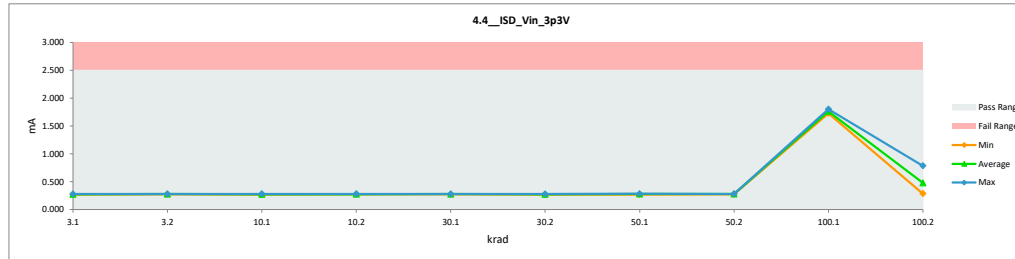
4.4_ISD_Vin_3p3V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	2.5
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.272	0.271	0.001
3.1	3	0.278	0.278	0.000
3.1	4	0.280	0.279	0.000
3.1	5	0.271	0.271	0.000
3.1	6	0.276	0.276	0.000
3.2	7	0.278	0.278	0.001
3.2	8	0.280	0.280	0.000
3.2	9	0.279	0.278	0.000
3.2	10	0.278	0.277	0.000
3.2	11	0.280	0.280	0.000
10.1	12	0.277	0.276	0.001
10.1	13	0.269	0.267	0.002
10.1	14	0.276	0.274	0.002
10.1	16	0.280	0.283	-0.002
10.1	17	0.271	0.270	0.001
10.2	18	0.280	0.282	-0.001
10.2	19	0.279	0.282	-0.003
10.2	20	0.275	0.274	0.001
10.2	22	0.276	0.275	0.002
10.2	23	0.278	0.277	0.001
30.1	24	0.276	0.276	0.000
30.1	26	0.277	0.278	-0.001
30.1	27	0.278	0.280	-0.002
30.1	29	0.278	0.279	-0.001
30.1	32	0.278	0.279	-0.001
30.2	33	0.280	0.280	0.000
30.2	34	0.276	0.276	0.000
30.2	35	0.274	0.274	0.000
30.2	36	0.275	0.275	0.000
30.2	37	0.268	0.268	0.000
50.1	38	0.274	0.277	-0.003
50.1	39	0.278	0.284	-0.006
50.1	41	0.279	0.283	-0.004
50.1	42	0.275	0.280	-0.005
50.1	44	0.268	0.272	-0.004
50.2	45	0.275	0.278	-0.003
50.2	46	0.279	0.282	-0.003
50.2	47	0.272	0.275	-0.003
50.2	48	0.275	0.279	-0.003
50.2	49	0.280	0.283	-0.004
100.1	50	0.280	1.778	-1.498
100.1	51	0.276	1.765	-1.489
100.1	52	0.275	1.761	-1.487
100.1	53	0.278	1.781	-1.503
100.1	55	0.266	1.727	-1.460
100.1	56	0.278	1.788	-1.510
100.1	57	0.279	1.773	-1.494
100.1	58	0.278	1.761	-1.483
100.1	59	0.281	1.784	-1.504
100.1	60	0.279	1.743	-1.464
100.1	199	0.277	1.756	-1.479
100.1	200	0.269	1.732	-1.463
100.1	201	0.277	1.754	-1.477
100.1	203	0.272	1.748	-1.475
100.1	204	0.283	1.802	-1.519
100.1	205	0.279	1.766	-1.487
100.1	206	0.270	1.730	-1.460
100.1	207	0.277	1.750	-1.473
100.1	208	0.277	1.783	-1.506
100.1	209	0.278	1.766	-1.488
100.1	210	0.279	1.775	-1.496
100.1	211	0.277	1.770	-1.493
100.2	212	0.279	0.786	-0.507
100.2	213	0.277	0.287	-0.010
100.2	214	0.278	0.288	-0.010
100.2	216	0.278	0.751	-0.473
100.2	217	0.279	0.289	-0.010
Max		0.283	1.802	0.002
Average		0.276	0.780	-0.504
Min		0.266	0.267	-1.519
Std Dev		0.004	0.698	0.698



4.4_ISD_Vin_3p3V	
Test Site	
Tester	
Test Number	
Max Limit	2.5
Min Limit	0.01

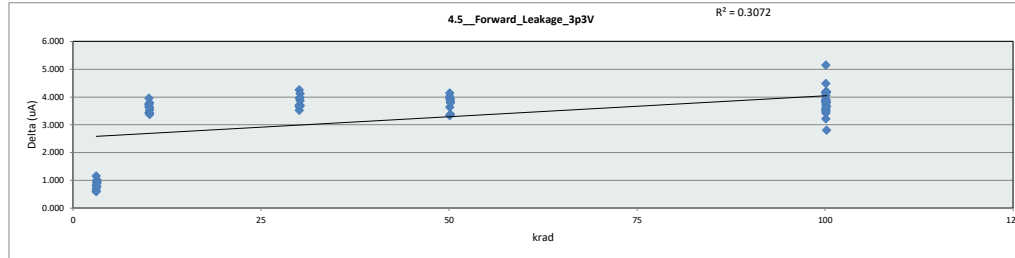
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	0.271	0.277	0.267	0.274	0.276	0.268	0.272	0.275	1.727	0.287
Average	0.275	0.279	0.274	0.278	0.275	0.275	0.279	0.279	1.763	0.480
Max	0.279	0.280	0.283	0.282	0.280	0.280	0.284	0.283	1.802	0.786
UL	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500



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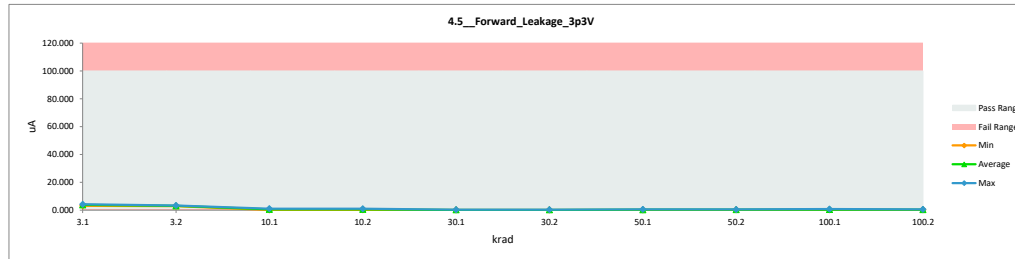
4.5_Forward_Leakage_3p3V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	4.585	3.763	0.822
3.1	3	4.629	4.037	0.592
3.1	4	4.295	3.586	0.709
3.1	5	4.230	3.073	1.157
3.1	6	4.728	4.104	0.623
3.2	7	4.061	3.290	0.771
3.2	8	3.818	2.908	0.910
3.2	9	4.103	3.090	1.013
3.2	10	3.846	2.893	0.954
3.2	11	3.747	2.837	0.910
10.1	12	4.415	0.981	3.434
10.1	13	3.812	0.093	3.719
10.1	14	3.921	0.284	3.637
10.1	16	4.299	0.552	3.748
10.1	17	4.496	0.544	3.952
10.2	18	4.330	0.914	3.416
10.2	19	3.956	0.428	3.528
10.2	20	3.705	0.340	3.365
10.2	22	3.951	0.165	3.785
10.2	23	3.916	0.296	3.619
30.1	24	3.795	0.278	3.517
30.1	26	3.742	0.038	3.703
30.1	27	4.202	0.248	3.954
30.1	29	3.758	0.112	3.646
30.1	32	4.340	0.089	4.252
30.2	33	3.817	0.121	3.696
30.2	34	3.706	0.027	3.679
30.2	35	4.070	0.204	3.866
30.2	36	4.364	0.243	4.121
30.2	37	4.085	0.108	3.977
50.1	38	4.069	0.436	3.633
50.1	39	3.630	0.298	3.332
50.1	41	4.214	0.072	4.142
50.1	42	4.104	0.175	3.929
50.1	44	4.067	0.048	4.020
50.2	45	4.001	0.172	3.828
50.2	46	4.227	0.410	3.817
50.2	47	4.056	0.140	3.916
50.2	48	4.204	0.410	3.793
50.2	49	3.613	0.234	3.379
100.1	50	4.708	0.539	4.169
100.1	51	3.986	0.485	3.502
100.1	52	4.020	0.499	3.521
100.1	53	4.079	0.462	3.617
100.1	55	4.279	0.446	3.833
100.1	56	4.302	0.400	3.901
100.1	57	4.052	0.493	3.559
100.1	58	3.708	0.497	3.211
100.1	59	4.540	0.354	4.186
100.1	60	3.700	0.282	3.418
100.1	199	4.778	0.297	4.481
100.1	200	3.970	0.478	3.492
100.1	201	4.239	0.330	3.909
100.1	203	4.333	0.473	3.860
100.1	204	5.420	0.278	5.142
100.1	205	3.929	0.213	3.716
100.1	206	4.228	0.181	4.047
100.1	207	4.451	0.321	4.129
100.1	208	4.242	0.384	3.858
100.1	209	4.453	0.275	4.179
100.1	210	4.303	0.503	3.800
100.1	211	4.430	0.638	3.792
100.2	212	3.957	0.152	3.805
100.2	213	3.273	0.470	2.803
100.2	214	3.967	0.311	3.656
100.2	216	4.501	0.316	4.185
100.2	217	4.510	0.342	4.168
Max		5.420	4.104	5.142
Average		4.138	0.783	3.355
Min		3.273	0.027	0.592
Std Dev		0.345	1.115	1.108



4.5_Forward_Leakage_3p3V	
Test Site	
Tester	
Test Number	
Max Limit	100 uA
Min Limit	0.01 uA

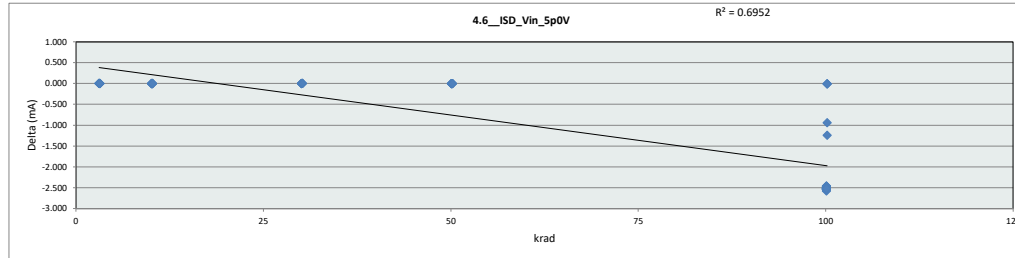
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	3.073	2.837	0.093	0.165	0.039	0.027	0.048	0.140	0.181	0.152
Average	3.713	3.003	0.491	0.429	0.153	0.141	0.206	0.273	0.401	0.318
Max	4.104	3.290	0.981	0.914	0.279	0.243	0.436	0.410	0.638	0.470
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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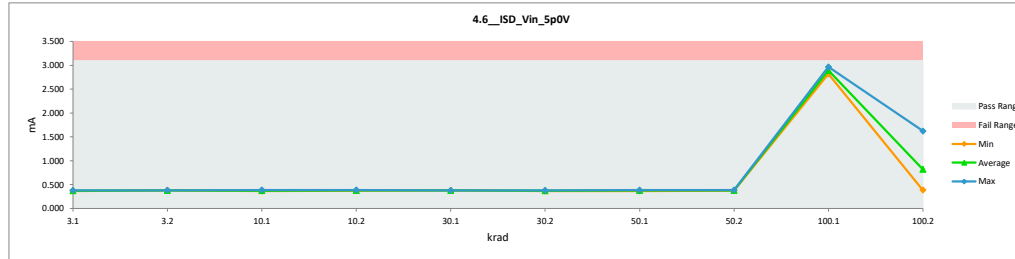
4.6_ISD_Vin_5p0V	
Test Site	
Tester	
Test Number	
Unit	mA mA
Max Limit	3.1 3.1
Min Limit	0.01 0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.370	0.368	0.001
3.1	3	0.379	0.378	0.001
3.1	4	0.380	0.380	0.001
3.1	5	0.370	0.369	0.001
3.1	6	0.376	0.376	0.000
3.2	7	0.379	0.379	0.000
3.2	8	0.381	0.382	0.000
3.2	9	0.379	0.380	0.000
3.2	10	0.378	0.378	0.000
3.2	11	0.380	0.381	0.000
10.1	12	0.377	0.377	0.000
10.1	13	0.366	0.365	0.001
10.1	14	0.377	0.376	0.001
10.1	16	0.381	0.389	-0.008
10.1	17	0.368	0.369	-0.001
10.2	18	0.382	0.384	-0.002
10.2	19	0.381	0.389	-0.008
10.2	20	0.375	0.375	0.000
10.2	22	0.376	0.375	0.001
10.2	23	0.379	0.379	0.000
30.1	24	0.375	0.376	0.000
30.1	26	0.377	0.377	-0.001
30.1	27	0.379	0.380	-0.001
30.1	29	0.379	0.379	0.000
30.1	32	0.378	0.379	0.000
30.2	33	0.381	0.380	0.000
30.2	34	0.376	0.376	0.000
30.2	35	0.374	0.374	0.000
30.2	36	0.374	0.375	0.000
30.2	37	0.364	0.364	0.000
50.1	38	0.373	0.375	-0.002
50.1	39	0.379	0.385	-0.006
50.1	41	0.381	0.384	-0.003
50.1	42	0.374	0.381	-0.007
50.1	44	0.365	0.368	-0.003
50.2	45	0.375	0.378	-0.003
50.2	46	0.380	0.383	-0.003
50.2	47	0.370	0.373	-0.003
50.2	48	0.375	0.378	-0.003
50.2	49	0.381	0.384	-0.003
100.1	50	0.381	2.921	-2.540
100.1	51	0.376	2.890	-2.514
100.1	52	0.375	2.884	-2.510
100.1	53	0.379	2.911	-2.532
100.1	55	0.362	2.819	-2.457
100.1	56	0.378	2.920	-2.541
100.1	57	0.381	2.918	-2.538
100.1	58	0.379	2.900	-2.521
100.1	59	0.382	2.920	-2.537
100.1	60	0.380	2.888	-2.508
100.1	199	0.378	2.887	-2.510
100.1	200	0.366	2.832	-2.466
100.1	201	0.377	2.879	-2.502
100.1	203	0.371	2.859	-2.488
100.1	204	0.386	2.966	-2.579
100.1	205	0.380	2.914	-2.534
100.1	206	0.367	2.836	-2.469
100.1	207	0.377	2.882	-2.505
100.1	208	0.377	2.910	-2.533
100.1	209	0.379	2.891	-2.513
100.1	210	0.380	2.913	-2.533
100.1	211	0.378	2.900	-2.522
100.2	212	0.380	1.320	-0.940
100.2	213	0.378	0.387	-0.009
100.2	214	0.379	0.388	-0.009
100.2	216	0.380	1.623	-1.243
100.2	217	0.380	0.389	-0.009
Max		0.386	2.966	0.001
Average		0.377	1.237	-0.860
Min		0.362	0.364	-2.579
Std Dev		0.005	1.182	1.182



4.6_ISD_Vin_5p0V	
Test Site	
Tester	
Test Number	
Max Limit	3.1 mA
Min Limit	0.01 mA

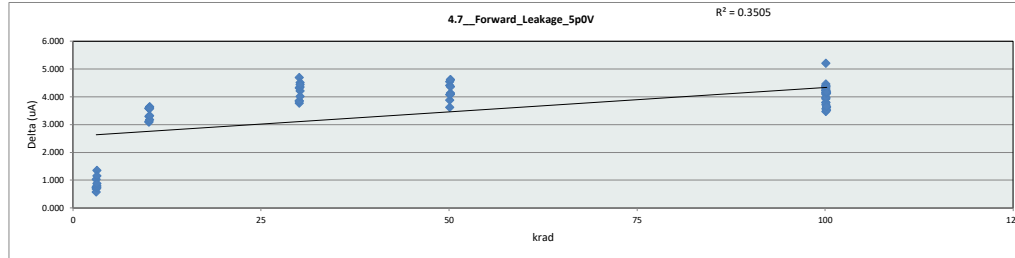
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	0.368	0.378	0.365	0.375	0.376	0.364	0.368	0.373	2.819	0.387
Average	0.374	0.380	0.375	0.380	0.374	0.374	0.379	0.379	2.893	0.821
Max	0.380	0.382	0.389	0.389	0.380	0.380	0.385	0.384	2.966	1.623
UL	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100	3.100



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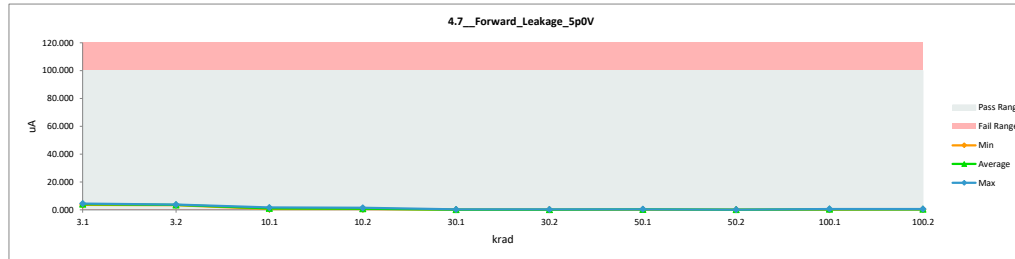
4.7_Forward_Leakage_5p0V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	4.716	4.031	0.684
3.1	3	5.095	4.351	0.744
3.1	4	4.620	3.885	0.734
3.1	5	4.516	3.490	1.027
3.1	6	5.001	4.430	0.572
3.2	7	4.463	3.745	0.718
3.2	8	4.572	3.225	1.347
3.2	9	4.625	3.474	1.151
3.2	10	4.282	3.492	0.790
3.2	11	4.181	3.305	0.877
10.1	12	4.678	1.597	3.081
10.1	13	3.969	0.862	3.107
10.1	14	4.047	0.472	3.574
10.1	16	4.747	1.161	3.586
10.1	17	4.613	1.322	3.291
10.2	18	4.573	1.403	3.170
10.2	19	4.202	0.889	3.313
10.2	20	4.139	0.509	3.630
10.2	22	4.105	0.475	3.631
10.2	23	4.201	0.631	3.570
30.1	24	3.941	0.172	3.769
30.1	26	3.997	0.154	3.842
30.1	27	4.581	0.265	4.316
30.1	29	3.968	0.119	3.849
30.1	32	4.705	0.017	4.687
30.2	33	4.308	0.103	4.205
30.2	34	4.256	0.244	4.013
30.2	35	4.569	0.220	4.349
30.2	36	4.543	0.035	4.508
30.2	37	4.596	0.162	4.433
50.1	38	4.806	0.401	4.405
50.1	39	3.887	0.269	3.617
50.1	41	4.654	0.117	4.536
50.1	42	4.145	0.270	3.875
50.1	44	4.295	0.222	4.073
50.2	45	4.237	0.108	4.129
50.2	46	4.793	0.181	4.613
50.2	47	4.656	0.043	4.613
50.2	48	4.498	0.141	4.357
50.2	49	4.236	0.154	4.082
100.1	50	4.726	0.337	4.388
100.1	51	4.118	0.038	4.080
100.1	52	4.424	0.311	4.112
100.1	53	4.203	0.407	3.795
100.1	55	4.476	0.243	4.233
100.1	56	4.692	0.479	4.213
100.1	57	4.028	0.462	3.566
100.1	58	4.206	0.496	3.710
100.1	59	4.898	0.618	4.280
100.1	60	3.946	0.479	3.467
100.1	199	4.819	0.364	4.455
100.1	200	4.347	0.566	3.781
100.1	201	4.221	0.299	3.922
100.1	203	4.589	0.205	4.385
100.1	204	5.638	0.436	5.202
100.1	205	4.328	0.368	3.960
100.1	206	4.609	0.382	4.227
100.1	207	4.798	0.427	4.370
100.1	208	4.649	0.498	4.151
100.1	209	4.583	0.428	4.155
100.1	210	4.636	0.668	3.968
100.1	211	4.682	0.354	4.327
100.2	212	4.124	0.510	3.614
100.2	213	3.954	0.437	3.517
100.2	214	4.072	0.426	3.646
100.2	216	4.392	0.269	4.123
100.2	217	4.563	0.395	4.168
Max		5.638	4.430	5.202
Average		4.444	0.911	3.533
Min		3.887	0.017	0.572
Std Dev		0.327	1.243	1.199



4.7_Forward_Leakage_5p0V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

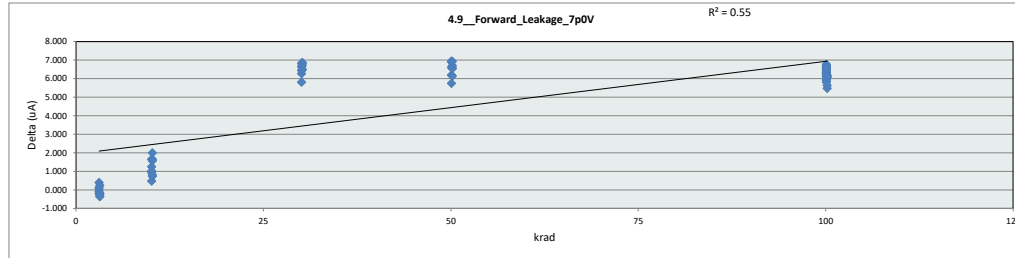
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	3.490	3.225	0.473	0.475	0.017	0.035	0.118	0.043	0.038	0.269
Average	4.037	3.448	1.083	0.781	0.145	0.153	0.256	0.125	0.403	0.407
Max	4.430	3.745	1.597	1.404	0.265	0.244	0.401	0.181	0.668	0.510
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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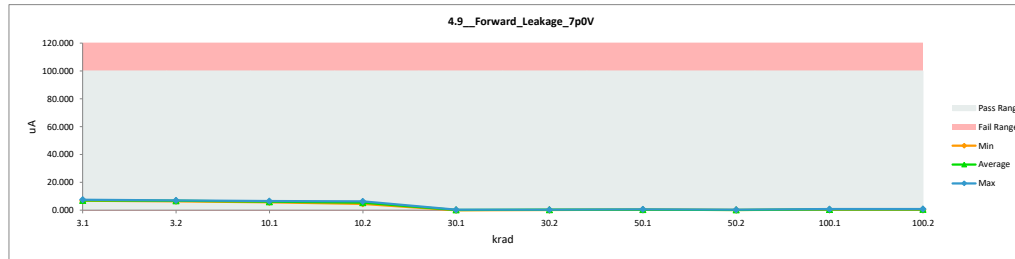
4.9_Forward_Leakage_7p0V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0.01

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	7.396	7.610	-0.214
3.1	3	6.917	6.896	0.021
3.1	4	6.919	6.803	0.116
3.1	5	6.899	7.005	-0.105
3.1	6	7.349	6.960	0.389
3.2	7	6.895	7.106	-0.211
3.2	8	6.827	6.595	0.233
3.2	9	6.568	6.902	-0.334
3.2	10	6.575	6.741	-0.167
3.2	11	6.137	6.507	-0.370
10.1	12	7.095	6.624	0.471
10.1	13	7.297	5.648	1.649
10.1	14	6.779	5.834	0.945
10.1	16	7.491	6.248	1.242
10.1	17	7.090	6.077	1.012
10.2	18	7.095	6.363	0.731
10.2	19	7.023	6.218	0.806
10.2	20	6.758	5.109	1.649
10.2	22	6.715	4.720	1.995
10.2	23	6.179	4.615	1.564
30.1	24	6.644	0.201	6.443
30.1	26	5.984	0.176	5.808
30.1	27	6.699	0.057	6.641
30.1	29	6.671	0.403	6.268
30.1	32	7.182	0.375	6.807
30.2	33	7.066	0.191	6.876
30.2	34	6.866	0.376	6.490
30.2	35	6.803	0.323	6.480
30.2	36	7.115	0.401	6.714
30.2	37	7.176	0.355	6.821
50.1	38	7.415	0.474	6.941
50.1	39	7.277	0.373	6.904
50.1	41	6.984	0.380	6.604
50.1	42	6.436	0.690	5.745
50.1	44	6.692	0.496	6.196
50.2	45	6.994	0.296	6.698
50.2	46	6.875	0.281	6.594
50.2	47	7.096	0.163	6.933
50.2	48	6.535	0.389	6.145
50.2	49	6.949	0.410	6.539
100.1	50	7.121	0.654	6.467
100.1	51	6.708	0.362	6.346
100.1	52	7.017	0.752	6.264
100.1	53	6.758	0.637	6.122
100.1	55	7.337	0.664	6.673
100.1	56	6.858	0.748	6.110
100.1	57	7.257	0.526	6.730
100.1	58	7.033	0.680	6.353
100.1	59	7.002	0.518	6.484
100.1	60	6.593	0.719	5.873
100.1	199	7.326	0.764	6.562
100.1	200	6.582	0.618	5.964
100.1	201	6.892	0.610	6.282
100.1	203	7.305	0.661	6.644
100.1	204	7.101	0.328	6.773
100.1	205	6.589	0.779	5.810
100.1	206	6.976	0.672	6.304
100.1	207	7.253	0.653	6.600
100.1	208	6.739	0.533	6.205
100.1	209	7.077	0.546	6.531
100.1	210	7.160	0.618	6.542
100.1	211	6.910	0.645	6.264
100.2	212	6.264	0.790	5.474
100.2	213	6.590	0.419	6.171
100.2	214	6.532	0.899	5.634
100.2	216	6.899	0.820	6.079
100.2	217	6.747	0.605	6.142
Max		7.491	7.610	6.941
Average		6.897	2.248	4.649
Min		5.984	0.057	-0.370
Std Dev		0.317	2.722	2.727



4.9_Forward_Leakage_7p0V	
Test Site	
Tester	
Test Number	
Max Limit	100 uA
Min Limit	0.01 uA

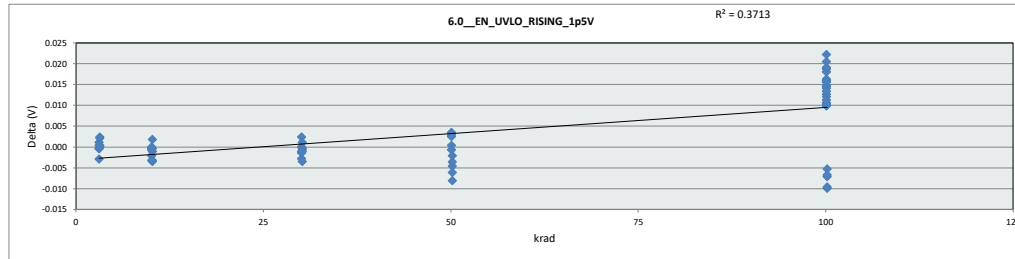
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Min	6.803	6.507	5.648	4.615	0.057	0.191	0.373	0.163	0.328	0.419
Average	7.055	6.770	6.086	5.405	0.243	0.329	0.483	0.308	0.622	0.706
Max	7.610	7.106	6.625	6.363	0.403	0.402	0.690	0.410	0.779	0.899
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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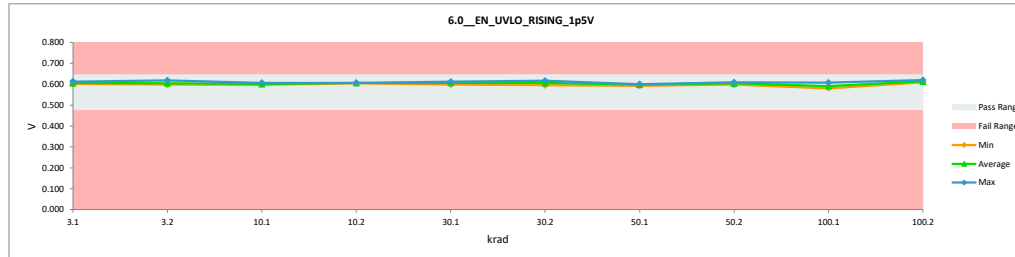
6.0_EN_UVLO_RISING_1p5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.602	0.602	0.000
3.1	3	0.613	0.613	0.000
3.1	4	0.608	0.607	0.001
3.1	5	0.604	0.604	0.000
3.1	6	0.600	0.603	-0.003
3.2	7	0.598	0.598	0.000
3.2	8	0.613	0.610	0.002
3.2	9	0.601	0.600	0.000
3.2	10	0.600	0.598	0.002
3.2	11	0.619	0.619	0.000
10.1	12	0.604	0.607	-0.003
10.1	13	0.600	0.600	-0.001
10.1	14	0.598	0.600	-0.002
10.1	16	0.604	0.604	0.000
10.1	17	0.597	0.597	0.000
10.2	18	0.603	0.607	-0.003
10.2	19	0.606	0.607	-0.001
10.2	20	0.607	0.605	0.002
10.2	22	0.602	0.605	-0.003
10.2	23	0.607	0.607	0.000
30.1	24	0.601	0.599	0.002
30.1	26	0.607	0.607	0.000
30.1	27	0.610	0.612	-0.001
30.1	29	0.607	0.608	-0.001
30.1	32	0.606	0.609	-0.003
30.2	33	0.613	0.616	-0.003
30.2	34	0.614	0.614	0.000
30.2	35	0.594	0.595	-0.001
30.2	36	0.602	0.603	-0.001
30.2	37	0.604	0.603	0.001
50.1	38	0.600	0.600	0.000
50.1	39	0.600	0.596	0.003
50.1	41	0.603	0.600	0.003
50.1	42	0.603	0.600	0.002
50.1	44	0.592	0.593	-0.001
50.2	45	0.601	0.609	-0.008
50.2	46	0.600	0.605	-0.005
50.2	47	0.592	0.598	-0.006
50.2	48	0.599	0.603	-0.004
50.2	49	0.605	0.607	-0.002
100.1	50	0.598	0.584	0.014
100.1	51	0.602	0.587	0.015
100.1	52	0.609	0.593	0.016
100.1	53	0.610	0.587	0.022
100.1	55	0.614	0.598	0.016
100.1	56	0.601	0.582	0.019
100.1	57	0.597	0.583	0.015
100.1	58	0.615	0.598	0.016
100.1	59	0.607	0.595	0.013
100.1	60	0.618	0.608	0.010
100.1	199	0.597	0.585	0.012
100.1	200	0.602	0.588	0.013
100.1	201	0.613	0.592	0.021
100.1	203	0.599	0.581	0.018
100.1	204	0.616	0.606	0.010
100.1	205	0.602	0.591	0.011
100.1	206	0.606	0.596	0.010
100.1	207	0.612	0.600	0.011
100.1	208	0.608	0.597	0.011
100.1	209	0.609	0.593	0.016
100.1	210	0.602	0.586	0.016
100.1	211	0.604	0.585	0.019
100.2	212	0.604	0.614	-0.010
100.2	213	0.602	0.609	-0.007
100.2	214	0.604	0.609	-0.005
100.2	216	0.604	0.614	-0.010
100.2	217	0.614	0.620	-0.007
Max		0.619	0.620	0.002
Average		0.605	0.601	0.004
Min		0.592	0.581	-0.010
Std Dev		0.006	0.009	0.008



6.0_EN_UVLO_RISING_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	0.645 V
Min Limit	0.475 V

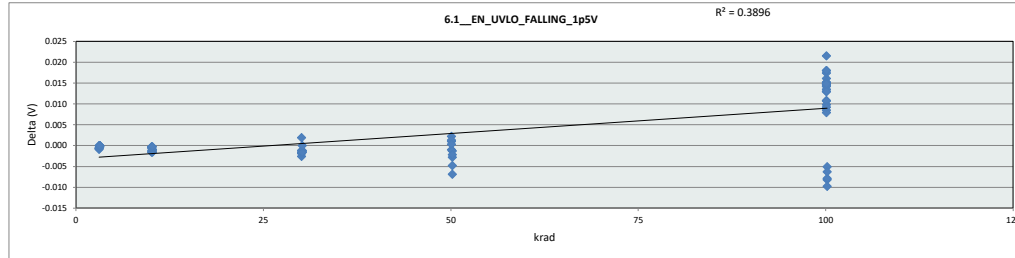
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475
Min	0.602	0.598	0.597	0.605	0.599	0.595	0.593	0.598	0.581	0.609
Average	0.606	0.605	0.602	0.606	0.607	0.612	0.601	0.609	0.608	0.620
Max	0.613	0.619	0.607	0.607	0.612	0.616	0.601	0.609	0.608	0.620
UL	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645



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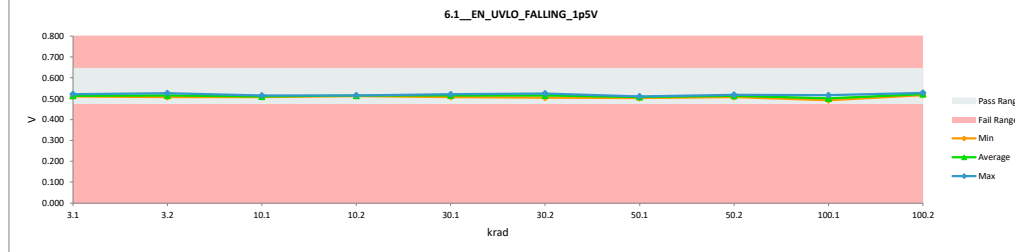
6.1_EN_UVLO_FALLING_1p5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.512	0.512	0.000
3.1	3	0.521	0.522	-0.001
3.1	4	0.515	0.516	-0.001
3.1	5	0.511	0.512	-0.001
3.1	6	0.511	0.511	-0.001
3.2	7	0.507	0.507	0.000
3.2	8	0.520	0.520	0.000
3.2	9	0.511	0.511	0.000
3.2	10	0.508	0.509	0.000
3.2	11	0.526	0.526	0.000
10.1	12	0.513	0.515	-0.002
10.1	13	0.507	0.508	-0.001
10.1	14	0.508	0.509	-0.001
10.1	16	0.512	0.512	0.000
10.1	17	0.507	0.507	0.000
10.2	18	0.513	0.515	-0.002
10.2	19	0.514	0.515	-0.001
10.2	20	0.514	0.515	-0.001
10.2	22	0.512	0.512	-0.001
10.2	23	0.515	0.515	0.000
30.1	24	0.510	0.508	0.002
30.1	26	0.515	0.516	-0.001
30.1	27	0.518	0.521	-0.003
30.1	29	0.515	0.517	-0.002
30.1	32	0.516	0.518	-0.002
30.2	33	0.523	0.525	-0.002
30.2	34	0.521	0.523	-0.001
30.2	35	0.503	0.505	-0.001
30.2	36	0.510	0.512	-0.002
30.2	37	0.512	0.512	0.000
50.1	38	0.509	0.510	-0.001
50.1	39	0.508	0.506	0.002
50.1	41	0.512	0.511	0.001
50.1	42	0.511	0.510	0.001
50.1	44	0.503	0.502	0.000
50.2	45	0.511	0.518	-0.007
50.2	46	0.511	0.514	-0.003
50.2	47	0.503	0.507	-0.005
50.2	48	0.510	0.511	-0.001
50.2	49	0.514	0.517	-0.002
100.1	50	0.509	0.495	0.015
100.1	51	0.511	0.496	0.014
100.1	52	0.518	0.502	0.016
100.1	53	0.518	0.496	0.021
100.1	55	0.520	0.506	0.015
100.1	56	0.511	0.494	0.017
100.1	57	0.507	0.492	0.015
100.1	58	0.521	0.507	0.014
100.1	59	0.517	0.503	0.014
100.1	60	0.527	0.516	0.011
100.1	199	0.508	0.495	0.013
100.1	200	0.512	0.499	0.013
100.1	201	0.520	0.502	0.018
100.1	203	0.508	0.493	0.015
100.1	204	0.525	0.516	0.010
100.1	205	0.510	0.502	0.008
100.1	206	0.513	0.506	0.008
100.1	207	0.518	0.508	0.011
100.1	208	0.515	0.506	0.009
100.1	209	0.517	0.502	0.015
100.1	210	0.510	0.495	0.015
100.1	211	0.512	0.495	0.018
100.2	212	0.513	0.522	-0.008
100.2	213	0.511	0.519	-0.008
100.2	214	0.512	0.518	-0.005
100.2	216	0.513	0.523	-0.010
100.2	217	0.522	0.528	-0.006
Max		0.527	0.528	0.021
Average		0.513	0.510	0.003
Min		0.503	0.492	-0.010
Std Dev		0.005	0.009	0.008



6.1_EN_UVLO_FALLING_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	0.645 V
Min Limit	0.475 V

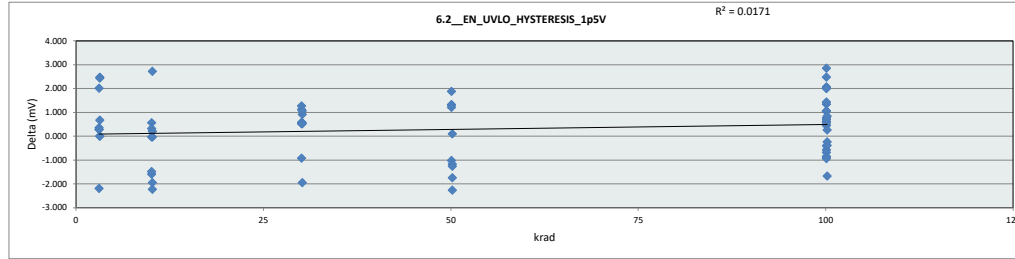
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475
Min	0.511	0.508	0.507	0.513	0.508	0.505	0.502	0.508	0.492	0.518
Average	0.515	0.515	0.510	0.515	0.516	0.515	0.511	0.518	0.501	0.522
Max	0.522	0.526	0.515	0.515	0.521	0.525	0.511	0.516	0.516	0.528
UL	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645



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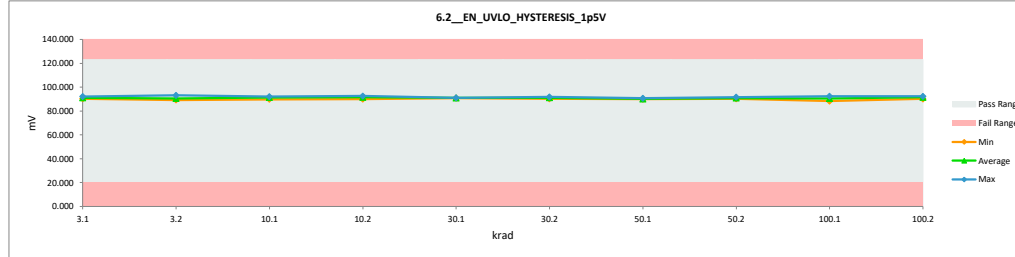
6.2_EN_UVLO_HYSTERESIS_1p			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	123	123	
Min Limit	20	20	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	90.706	90.352	0.354
3.1	3	91.153	90.874	0.279
3.1	4	92.529	90.520	2.009
3.1	5	92.435	92.157	0.278
3.1	6	89.180	91.375	-2.195
3.2	7	90.928	90.928	0.000
3.2	8	92.734	90.261	2.473
3.2	9	89.924	89.255	0.669
3.2	10	91.747	89.311	2.436
3.2	11	93.088	93.088	0.000
10.1	12	90.222	91.822	-1.600
10.1	13	92.621	92.063	0.558
10.1	14	89.943	91.431	-1.488
10.1	16	91.803	91.840	-0.037
10.1	17	90.147	89.831	0.316
10.2	18	89.869	91.822	-1.953
10.2	19	91.710	91.506	0.204
10.2	20	92.770	90.055	2.715
10.2	22	90.352	92.584	-2.232
10.2	23	91.785	91.822	-0.037
30.1	24	91.542	90.965	0.577
30.1	26	92.138	90.873	1.265
30.1	27	92.194	91.078	1.116
30.1	29	91.506	90.986	0.520
30.1	32	90.167	91.097	-0.930
30.2	33	89.926	91.879	-1.953
30.2	34	92.567	91.656	0.911
30.2	35	90.798	90.240	0.558
30.2	36	91.263	90.743	0.520
30.2	37	92.473	91.413	1.060
50.1	38	91.431	90.129	1.302
50.1	39	91.393	90.073	1.320
50.1	41	91.766	89.887	1.879
50.1	42	91.375	90.166	1.209
50.1	44	89.663	90.686	-1.023
50.2	45	89.608	90.781	-1.173
50.2	46	89.571	91.320	-1.749
50.2	47	89.310	90.575	-1.265
50.2	48	89.422	91.691	-2.269
50.2	49	90.334	90.241	0.093
100.1	50	88.641	89.048	-0.407
100.1	51	91.654	91.039	0.615
100.1	52	90.427	91.002	-0.575
100.1	53	92.120	91.355	0.765
100.1	55	93.515	92.472	1.043
100.1	56	89.608	88.267	1.341
100.1	57	89.868	90.554	-0.686
100.1	58	93.589	91.561	2.028
100.1	59	90.595	91.467	-0.872
100.1	60	90.410	91.264	-0.854
100.1	199	89.236	90.183	-0.947
100.1	200	89.683	89.217	0.466
100.1	201	92.771	90.296	2.475
100.1	203	91.319	88.471	2.848
100.1	204	90.930	90.483	0.447
100.1	205	91.579	89.514	2.065
100.1	206	92.696	90.705	1.991
100.1	207	92.938	92.379	0.559
100.1	208	92.845	91.412	1.433
100.1	209	92.008	90.965	1.043
100.1	210	91.263	90.573	0.690
100.1	211	91.877	90.815	1.062
100.2	212	90.576	92.251	-1.675
100.2	213	91.022	90.186	0.836
100.2	214	91.524	91.767	-0.243
100.2	216	91.561	91.302	0.259
100.2	217	91.897	92.288	-0.391
	Max	93.589	93.088	2.848
	Average	91.198	90.899	0.299
	Min	88.641	88.267	-2.269
	Std Dev	1.198	0.977	1.299



6.2 EN_UVLO_HYSTERESIS			
Test Site			
Tester			
Test Number			
Max Limit	123	mV	
Min Limit	20	mV	

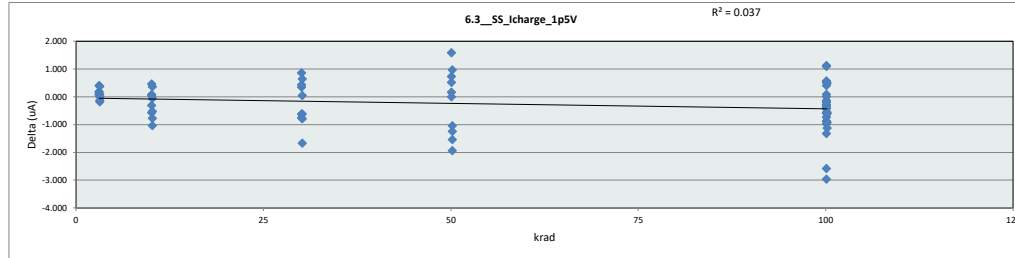
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
Min	90.352	89.255	89.831	90.055	90.873	90.240	89.887	90.241	88.267	90.186
Average	91.056	90.569	91.397	91.558	91.000	91.186	90.188	90.922	90.593	91.559
Max	92.157	93.088	92.063	92.584	91.097	91.879	90.686	91.691	92.472	92.288
UL	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000



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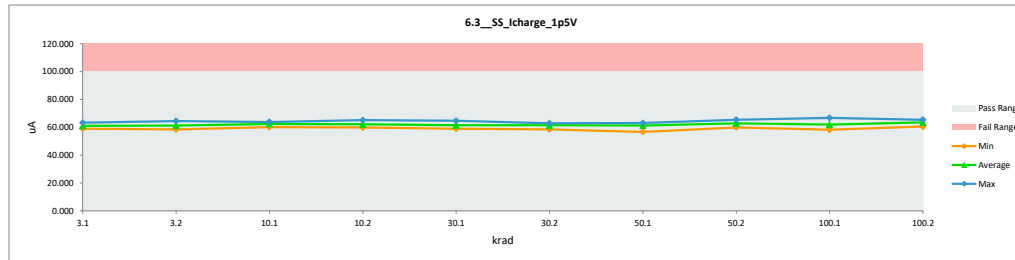
6.3_SS_Icharge_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	59.110	59.036	0.074
3.1	3	63.647	63.247	0.400
3.1	4	60.046	59.874	0.172
3.1	5	62.781	62.604	0.177
3.1	6	60.334	60.250	0.084
3.2	7	60.140	60.325	-0.185
3.2	8	61.487	61.407	0.080
3.2	9	58.451	58.455	-0.004
3.2	10	61.074	61.207	-0.133
3.2	11	64.859	64.493	0.366
10.1	12	62.854	63.431	-0.577
10.1	13	60.665	60.981	-0.316
10.1	14	64.094	63.641	0.453
10.1	16	60.203	60.127	0.076
10.1	17	63.828	63.794	0.034
10.2	18	62.072	62.602	-0.530
10.2	19	61.300	62.076	-0.776
10.2	20	58.772	59.816	-1.044
10.2	22	61.135	60.780	0.355
10.2	23	65.016	65.079	-0.063
30.1	24	61.641	62.268	-0.627
30.1	26	64.894	64.554	0.340
30.1	27	62.007	61.578	0.429
30.1	29	60.911	60.055	0.856
30.1	32	58.174	58.932	-0.758
30.2	33	60.532	62.204	-1.672
30.2	34	62.874	62.835	0.039
30.2	35	57.953	58.575	-0.622
30.2	36	61.020	61.820	-0.800
30.2	37	62.191	61.552	0.639
50.1	38	61.164	60.653	0.511
50.1	39	63.094	62.932	0.162
50.1	41	63.749	63.026	0.723
50.1	42	64.498	62.917	1.581
50.1	44	56.732	56.738	-0.006
50.2	45	61.928	63.871	-1.943
50.2	46	59.231	60.478	-1.247
50.2	47	60.849	59.887	0.962
50.2	48	63.398	64.445	-1.047
50.2	49	63.879	65.422	-1.543
100.1	50	63.754	66.722	-2.968
100.1	51	57.720	58.310	-0.590
100.1	52	60.420	61.745	-1.325
100.1	53	61.197	62.170	-0.973
100.1	55	58.550	58.150	0.400
100.1	56	65.507	65.939	-0.432
100.1	57	64.992	65.866	-0.874
100.1	58	64.012	62.891	1.121
100.1	59	60.970	59.881	1.089
100.1	60	59.195	59.561	-0.366
100.1	199	61.787	61.928	-0.141
100.1	200	60.288	59.773	0.515
100.1	201	63.254	63.173	0.081
100.1	203	60.552	60.844	-0.292
100.1	204	62.137	64.724	-2.587
100.1	205	59.406	60.143	-0.737
100.1	206	59.752	60.036	-0.284
100.1	207	59.370	59.938	-0.568
100.1	208	63.940	63.378	0.562
100.1	209	61.255	61.682	-0.427
100.1	210	61.535	61.535	0.000
100.1	211	62.969	63.169	-0.200
100.2	212	59.540	60.468	-0.928
100.2	213	64.161	65.292	-1.131
100.2	214	62.215	62.830	-0.615
100.2	216	63.806	63.319	0.487
100.2	217	64.825	65.392	-0.567
	Max	65.507	66.722	1.581
	Average	61.637	61.893	-0.256
	Min	56.732	56.738	-2.968
	Std Dev	2.098	2.172	0.828



6.3_SS_Icharge_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0

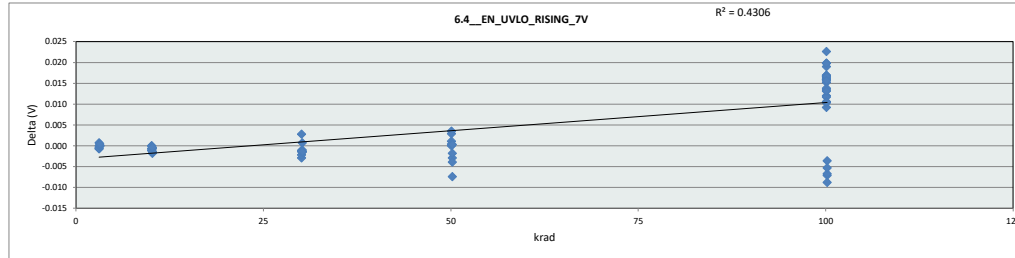
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	59.036	58.455	60.127	59.816	58.932	58.575	56.738	59.887	58.150	60.468
Average	61.002	61.177	62.395	62.071	61.477	61.397	61.253	62.821	61.889	63.460
Max	63.247	64.493	63.794	65.079	64.554	62.835	63.026	65.422	66.722	65.392
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



HDR TID Report
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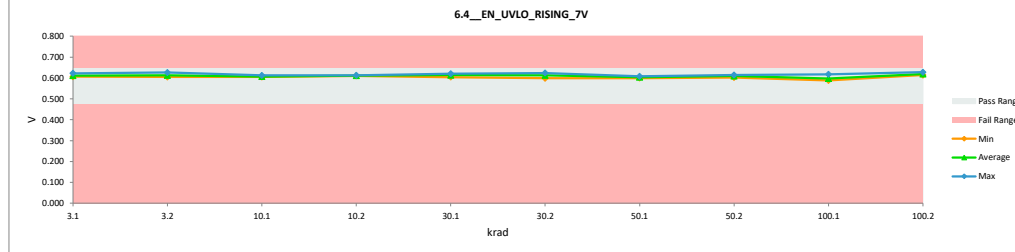
6.4_EN_UVLO_RISING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.607	0.607	0.001
3.1	3	0.623	0.623	0.000
3.1	4	0.614	0.615	-0.001
3.1	5	0.606	0.606	0.000
3.1	6	0.608	0.608	-0.001
3.2	7	0.605	0.605	0.000
3.2	8	0.622	0.622	0.000
3.2	9	0.605	0.605	0.000
3.2	10	0.605	0.605	0.000
3.2	11	0.627	0.626	0.000
10.1	12	0.611	0.612	-0.001
10.1	13	0.604	0.605	-0.001
10.1	14	0.605	0.605	0.000
10.1	16	0.609	0.609	0.000
10.1	17	0.605	0.606	-0.001
10.2	18	0.611	0.613	-0.002
10.2	19	0.611	0.613	-0.001
10.2	20	0.610	0.610	-0.001
10.2	22	0.609	0.610	-0.001
10.2	23	0.613	0.613	0.000
30.1	24	0.607	0.604	0.003
30.1	26	0.615	0.616	-0.001
30.1	27	0.618	0.621	-0.003
30.1	29	0.612	0.614	-0.002
30.1	32	0.613	0.614	-0.001
30.2	33	0.622	0.624	-0.002
30.2	34	0.621	0.622	-0.001
30.2	35	0.597	0.598	-0.001
30.2	36	0.611	0.613	-0.001
30.2	37	0.609	0.608	0.001
50.1	38	0.604	0.604	0.000
50.1	39	0.606	0.602	0.003
50.1	41	0.609	0.608	0.001
50.1	42	0.609	0.606	0.003
50.1	44	0.600	0.600	0.000
50.2	45	0.607	0.614	-0.007
50.2	46	0.607	0.610	-0.003
50.2	47	0.598	0.602	-0.004
50.2	48	0.608	0.608	0.000
50.2	49	0.613	0.614	-0.002
100.1	50	0.606	0.589	0.017
100.1	51	0.608	0.592	0.016
100.1	52	0.617	0.601	0.016
100.1	53	0.616	0.594	0.023
100.1	55	0.617	0.601	0.016
100.1	56	0.607	0.588	0.019
100.1	57	0.605	0.588	0.017
100.1	58	0.618	0.602	0.016
100.1	59	0.613	0.598	0.015
100.1	60	0.626	0.614	0.012
100.1	199	0.604	0.590	0.013
100.1	200	0.611	0.597	0.014
100.1	201	0.620	0.600	0.020
100.1	203	0.605	0.588	0.017
100.1	204	0.629	0.618	0.012
100.1	205	0.605	0.596	0.009
100.1	206	0.610	0.600	0.010
100.1	207	0.617	0.604	0.013
100.1	208	0.614	0.603	0.011
100.1	209	0.615	0.599	0.017
100.1	210	0.609	0.593	0.016
100.1	211	0.610	0.591	0.020
100.2	212	0.612	0.619	-0.007
100.2	213	0.609	0.616	-0.007
100.2	214	0.610	0.614	-0.004
100.2	216	0.611	0.620	-0.009
100.2	217	0.622	0.628	-0.005
Max		0.629	0.628	0.023
Average		0.611	0.607	0.004
Min		0.597	0.588	-0.009
Std Dev		0.007	0.010	0.008



6.4_EN_UVLO_RISING_7V	
Test Site	
Tester	
Test Number	
Max Limit	0.645
Min Limit	0.475

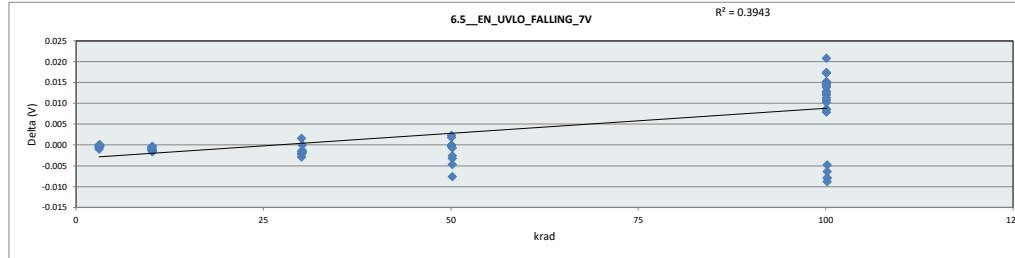
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475
Min	0.606	0.605	0.605	0.610	0.604	0.598	0.600	0.602	0.588	0.614
Average	0.612	0.613	0.607	0.612	0.614	0.613	0.604	0.610	0.598	0.619
Max	0.623	0.626	0.612	0.613	0.621	0.624	0.608	0.614	0.618	0.628
UL	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645



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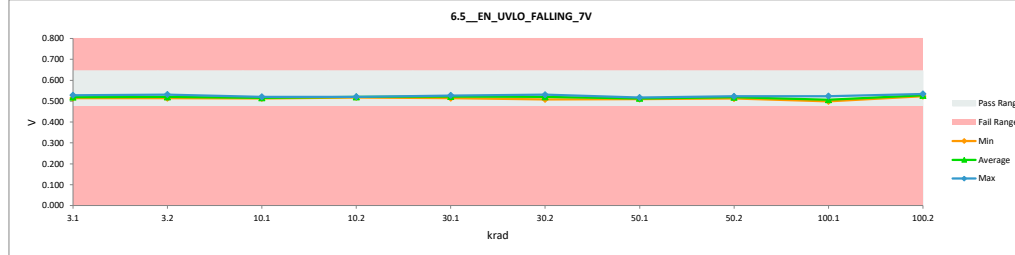
6.5_EN_UVLO_FALLING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.515	0.515	0.000
3.1	3	0.528	0.528	0.000
3.1	4	0.520	0.521	-0.001
3.1	5	0.514	0.514	-0.001
3.1	6	0.516	0.517	-0.001
3.2	7	0.513	0.514	0.000
3.2	8	0.528	0.528	0.000
3.2	9	0.514	0.514	0.000
3.2	10	0.514	0.514	0.000
3.2	11	0.532	0.532	0.000
10.1	12	0.519	0.520	-0.001
10.1	13	0.512	0.513	-0.001
10.1	14	0.514	0.514	-0.001
10.1	16	0.517	0.518	-0.001
10.1	17	0.514	0.514	-0.001
10.2	18	0.519	0.521	-0.002
10.2	19	0.519	0.520	-0.001
10.2	20	0.518	0.519	-0.001
10.2	22	0.516	0.518	-0.002
10.2	23	0.521	0.521	0.000
30.1	24	0.515	0.514	0.002
30.1	26	0.522	0.524	-0.002
30.1	27	0.525	0.527	-0.002
30.1	29	0.520	0.523	-0.003
30.1	32	0.520	0.522	-0.002
30.2	33	0.529	0.531	-0.002
30.2	34	0.527	0.529	-0.002
30.2	35	0.507	0.508	-0.001
30.2	36	0.519	0.521	-0.002
30.2	37	0.516	0.516	0.000
50.1	38	0.513	0.514	0.000
50.1	39	0.515	0.512	0.002
50.1	41	0.517	0.517	0.000
50.1	42	0.517	0.515	0.002
50.1	44	0.509	0.509	0.000
50.2	45	0.515	0.523	-0.008
50.2	46	0.516	0.519	-0.003
50.2	47	0.508	0.512	-0.005
50.2	48	0.517	0.517	-0.001
50.2	49	0.520	0.523	-0.003
100.1	50	0.515	0.500	0.015
100.1	51	0.516	0.502	0.014
100.1	52	0.524	0.509	0.015
100.1	53	0.524	0.503	0.021
100.1	55	0.524	0.510	0.015
100.1	56	0.516	0.498	0.017
100.1	57	0.514	0.499	0.015
100.1	58	0.525	0.511	0.015
100.1	59	0.520	0.507	0.013
100.1	60	0.533	0.522	0.011
100.1	199	0.513	0.501	0.012
100.1	200	0.519	0.507	0.012
100.1	201	0.526	0.509	0.017
100.1	203	0.514	0.499	0.015
100.1	204	0.534	0.524	0.010
100.1	205	0.514	0.506	0.008
100.1	206	0.518	0.509	0.008
100.1	207	0.524	0.513	0.011
100.1	208	0.521	0.512	0.009
100.1	209	0.523	0.508	0.015
100.1	210	0.517	0.503	0.014
100.1	211	0.518	0.501	0.017
100.2	212	0.520	0.527	-0.008
100.2	213	0.518	0.525	-0.008
100.2	214	0.518	0.523	-0.005
100.2	216	0.520	0.528	-0.009
100.2	217	0.528	0.535	-0.006
Max		0.534	0.535	0.021
Average		0.519	0.516	0.003
Min		0.507	0.498	-0.009
Std Dev		0.006	0.009	0.008



6.5_EN_UVLO_FALLING_7V	
Test Site	
Tester	
Test Number	
Max Limit	0.645
Min Limit	0.475

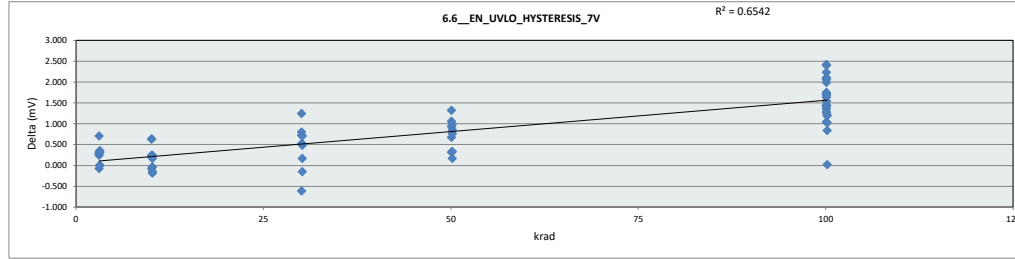
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475
Min	0.514	0.514	0.513	0.518	0.514	0.508	0.509	0.513	0.498	0.523
Average	0.519	0.520	0.516	0.520	0.522	0.521	0.514	0.519	0.507	0.528
Max	0.528	0.532	0.520	0.521	0.527	0.531	0.517	0.523	0.524	0.535
UL	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645



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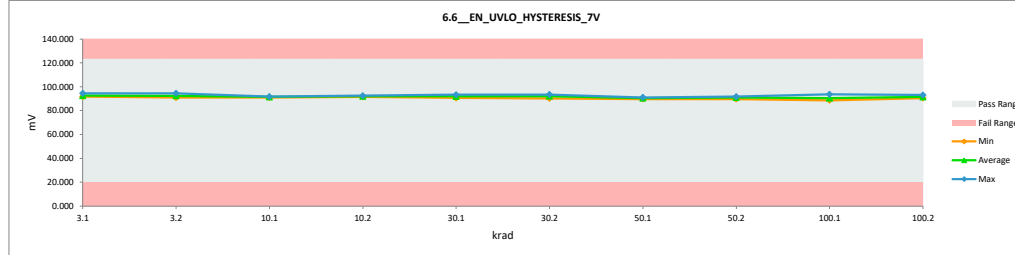
6.6_EN_UVLO_HYSTERESIS_7V			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	123	123	
Min Limit	20	20	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	92.492	91.785	0.707
3.1	3	94.762	94.445	0.317
3.1	4	93.515	93.273	0.242
3.1	5	92.026	91.748	0.278
3.1	6	91.580	91.655	-0.075
3.2	7	91.282	90.966	0.316
3.2	8	94.408	94.092	0.316
3.2	9	91.320	91.320	0.000
3.2	10	91.320	91.320	0.000
3.2	11	94.855	94.502	0.353
10.1	12	91.953	91.748	0.205
10.1	13	91.840	91.598	0.242
10.1	14	91.673	91.041	0.632
10.1	16	91.692	91.060	0.632
10.1	17	91.673	91.748	-0.075
10.2	18	91.953	92.138	-0.185
10.2	19	91.953	92.101	-0.148
10.2	20	91.804	91.562	0.242
10.2	22	92.640	92.473	0.167
10.2	23	92.138	92.176	-0.038
30.1	24	91.859	90.613	1.246
30.1	26	92.995	92.474	0.521
30.1	27	92.660	93.274	-0.614
30.1	29	92.027	91.302	0.725
30.1	32	92.771	91.972	0.799
30.2	33	93.776	93.293	0.483
30.2	34	93.981	93.460	0.521
30.2	35	90.147	90.296	-0.149
30.2	36	91.953	91.785	0.168
30.2	37	92.640	91.934	0.706
50.1	38	90.576	90.260	0.316
50.1	39	91.078	89.757	1.321
50.1	41	92.083	91.023	1.060
50.1	42	92.008	91.078	0.930
50.1	44	91.115	90.445	0.670
50.2	45	91.822	91.656	0.166
50.2	46	91.543	91.209	0.334
50.2	47	90.612	89.757	0.855
50.2	48	91.655	90.670	0.985
50.2	49	92.101	91.339	0.762
100.1	50	91.078	88.658	2.420
100.1	51	91.934	89.942	1.992
100.1	52	92.864	91.821	1.043
100.1	53	92.511	90.760	1.751
100.1	55	92.902	91.542	1.360
100.1	56	91.543	89.849	1.694
100.1	57	90.966	89.533	1.433
100.1	58	92.697	90.984	1.713
100.1	59	92.455	90.222	2.233
100.1	60	93.870	92.604	1.266
100.1	199	90.538	89.124	1.414
100.1	200	91.599	90.147	1.452
100.1	201	93.516	91.115	2.401
100.1	203	91.004	88.900	2.104
100.1	204	95.153	93.608	1.545
100.1	205	91.004	89.719	1.285
100.1	206	92.473	90.761	1.712
100.1	207	92.548	90.854	1.694
100.1	208	92.845	90.780	2.065
100.1	209	92.399	90.333	2.066
100.1	210	92.008	90.370	1.638
100.1	211	91.878	89.477	2.401
100.2	212	92.697	91.861	0.836
100.2	213	91.767	90.577	1.190
100.2	214	91.878	90.670	1.208
100.2	216	91.283	91.265	0.018
100.2	217	94.092	93.070	1.022
Max		95.153	94.502	2.420
Average		92.206	91.327	0.879
Min		90.147	88.658	-0.614
Std Dev		1.060	1.279	0.754



6.6 EN_UVLO_HYSTERESIS			
Test Site			
Tester			
Test Number			
Max Limit	123	mV	
Min Limit	20	mV	

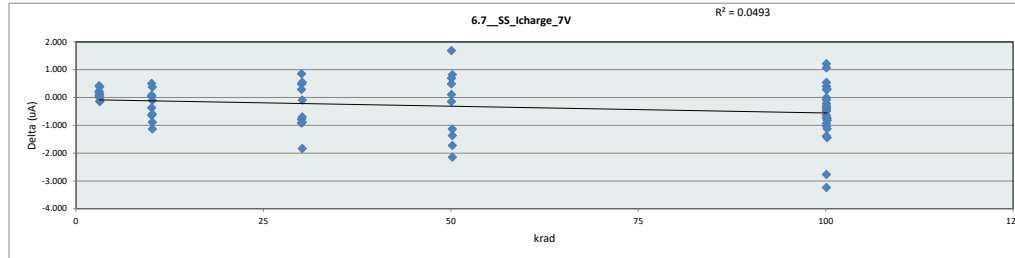
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
Min	91.655	90.966	91.041	91.562	90.613	90.296	89.757	89.757	88.658	90.577
Average	92.581	92.440	91.439	92.090	91.927	92.154	90.513	90.926	90.505	91.489
Max	94.445	94.502	91.748	92.473	93.274	93.460	91.078	91.656	93.608	93.070
UL	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000	123.000



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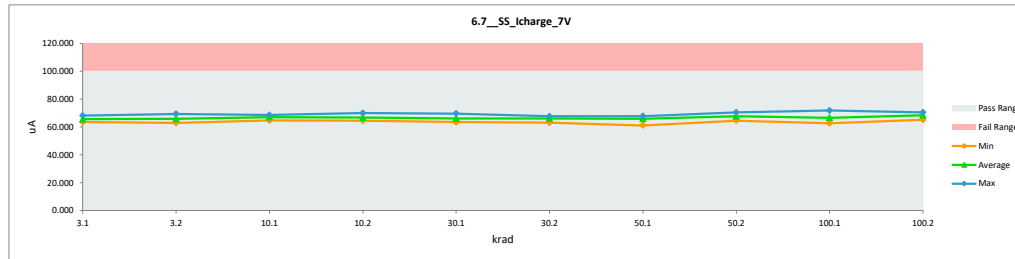
6.7_SS_Icharge_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	63.618	63.575	0.043
3.1	3	68.569	68.149	0.420
3.1	4	64.608	64.424	0.184
3.1	5	67.550	67.327	0.223
3.1	6	64.981	64.899	0.082
3.2	7	64.862	65.000	-0.138
3.2	8	66.265	66.154	0.111
3.2	9	63.004	63.019	-0.015
3.2	10	65.810	65.957	-0.147
3.2	11	69.835	69.458	0.377
10.1	12	67.733	68.374	-0.641
10.1	13	65.384	65.755	-0.371
10.1	14	68.984	68.481	0.503
10.1	16	64.825	64.746	0.079
10.1	17	68.692	68.656	0.036
10.2	18	66.881	67.484	-0.603
10.2	19	65.998	66.888	-0.890
10.2	20	63.343	64.479	-1.136
10.2	22	65.846	65.472	0.374
10.2	23	69.954	70.061	-0.107
30.1	24	66.320	67.110	-0.790
30.1	26	69.934	69.649	0.285
30.1	27	66.810	66.327	0.483
30.1	29	65.595	64.745	0.850
30.1	32	62.686	63.611	-0.925
30.2	33	65.200	67.040	-1.840
30.2	34	67.617	67.718	-0.101
30.2	35	62.388	63.093	-0.705
30.2	36	65.724	66.615	-0.891
30.2	37	66.913	66.370	0.543
50.1	38	65.849	65.360	0.489
50.1	39	67.927	67.824	0.103
50.1	41	68.597	67.908	0.689
50.1	42	69.391	67.710	1.681
50.1	44	61.047	61.196	-0.149
50.2	45	66.625	68.775	-2.150
50.2	46	63.824	65.198	-1.374
50.2	47	65.503	64.685	0.818
50.2	48	68.217	69.355	-1.138
50.2	49	68.800	70.532	-1.732
100.1	50	68.646	71.890	-3.244
100.1	51	62.214	62.855	-0.641
100.1	52	65.052	66.444	-1.392
100.1	53	65.915	66.958	-1.043
100.1	55	63.073	62.793	0.280
100.1	56	70.497	70.970	-0.473
100.1	57	69.974	70.907	-0.933
100.1	58	68.900	67.688	1.212
100.1	59	65.661	64.601	1.060
100.1	60	63.773	64.254	-0.481
100.1	199	66.497	66.726	-0.229
100.1	200	64.906	64.505	0.401
100.1	201	68.082	68.094	-0.012
100.1	203	65.177	65.575	-0.398
100.1	204	66.987	69.757	-2.770
100.1	205	64.066	64.812	-0.746
100.1	206	64.374	64.729	-0.355
100.1	207	63.986	64.723	-0.737
100.1	208	68.853	68.314	0.539
100.1	209	65.990	66.480	-0.490
100.1	210	66.254	66.345	-0.091
100.1	211	67.732	68.054	-0.322
100.2	212	64.133	65.261	-1.128
100.2	213	69.124	70.570	-1.446
100.2	214	67.034	67.856	-0.822
100.2	216	68.751	68.454	0.297
100.2	217	69.795	70.542	-0.747
	Max	70.497	71.890	1.681
	Average	66.375	66.707	-0.331
	Min	61.047	61.196	-3.244
	Std Dev	2.245	2.327	0.884



6.7_SS_Icharge_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	100
Min Limit	0

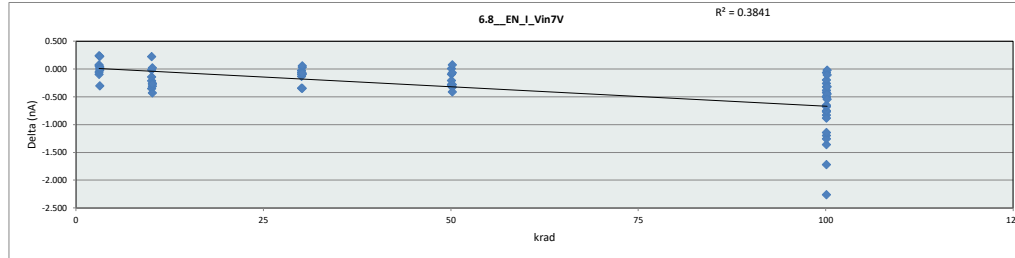
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	63.575	63.019	64.746	64.479	63.611	63.093	61.196	64.685	62.793	65.261
Average	65.675	65.918	67.202	66.877	66.288	66.167	66.000	67.709	66.703	68.537
Max	68.149	69.458	68.656	70.061	69.649	67.718	67.908	70.532	71.890	70.570
UL	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000



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TPS7H2201-SP

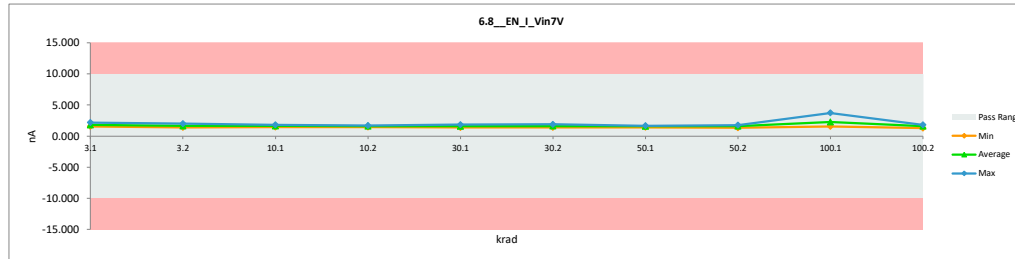
6.8_EN_I_Vin7V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	2.081	1.846	0.235
3.1	3	1.770	1.718	0.052
3.1	4	1.541	1.640	-0.099
3.1	5	2.257	2.185	0.072
3.1	6	1.511	1.569	-0.058
3.2	7	1.634	1.408	0.226
3.2	8	1.652	1.674	-0.022
3.2	9	1.689	1.996	-0.307
3.2	10	1.531	1.498	0.033
3.2	11	1.606	1.599	0.007
10.1	12	1.564	1.709	-0.145
10.1	13	1.379	1.734	-0.355
10.1	14	1.708	1.489	0.219
10.1	16	1.614	1.828	-0.214
10.1	17	1.440	1.458	-0.018
10.2	18	1.458	1.439	0.019
10.2	19	1.455	1.714	-0.259
10.2	20	1.253	1.687	-0.434
10.2	22	1.313	1.625	-0.312
10.2	23	1.301	1.572	-0.271
30.1	24	1.486	1.834	-0.348
30.1	26	1.575	1.711	-0.136
30.1	27	1.296	1.391	-0.095
30.1	29	1.504	1.534	-0.030
30.1	32	1.450	1.513	-0.063
30.2	33	1.709	1.681	0.028
30.2	34	1.379	1.728	-0.349
30.2	35	1.451	1.397	0.054
30.2	36	1.784	1.883	-0.099
30.2	37	1.355	1.434	-0.079
50.1	38	1.379	1.659	-0.280
50.1	39	1.478	1.573	-0.095
50.1	41	1.329	1.633	-0.304
50.1	42	1.419	1.415	0.004
50.1	44	1.460	1.670	-0.210
50.2	45	1.529	1.600	-0.071
50.2	46	1.425	1.708	-0.283
50.2	47	1.341	1.670	-0.329
50.2	48	1.352	1.766	-0.414
50.2	49	1.411	1.340	0.071
100.1	50	1.517	2.188	-0.671
100.1	51	1.420	2.251	-0.831
100.1	52	1.318	2.681	-1.363
100.1	53	1.433	2.633	-1.200
100.1	55	1.378	2.151	-0.773
100.1	56	1.469	3.734	-2.265
100.1	57	1.569	2.077	-0.508
100.1	58	1.587	2.473	-0.886
100.1	59	1.561	1.824	-0.263
100.1	60	1.331	1.755	-0.424
100.1	199	1.494	1.818	-0.324
100.1	200	1.467	2.725	-1.258
100.1	201	1.492	1.996	-0.504
100.1	203	1.677	2.823	-1.146
100.1	204	1.803	2.556	-0.753
100.1	205	1.405	1.605	-0.200
100.1	206	1.583	2.077	-0.494
100.1	207	1.402	2.084	-0.682
100.1	208	1.489	1.557	-0.068
100.1	209	1.581	2.235	-0.654
100.1	210	1.389	1.775	-0.386
100.1	211	1.546	3.270	-1.724
100.2	212	1.262	1.286	-0.024
100.2	213	1.308	1.760	-0.452
100.2	214	1.348	1.670	-0.322
100.2	216	1.410	1.518	-0.108
100.2	217	1.272	1.820	-0.548
Max		2.257	3.734	0.235
Average		1.498	1.849	-0.351
Min		1.253	1.286	-2.265
Std Dev		0.177	0.457	0.456



6.8_EN_I_Vin7V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

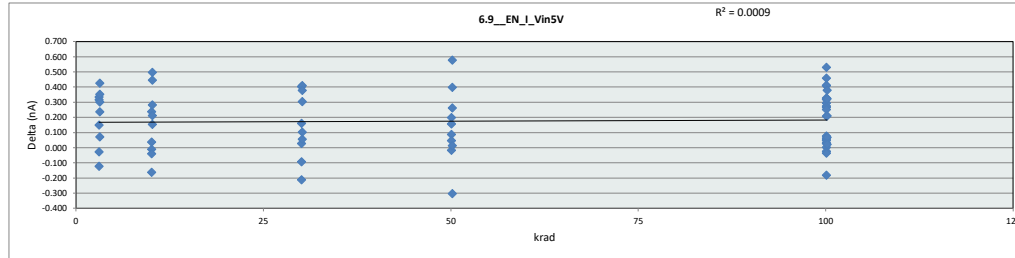
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	1.569	1.408	1.458	1.439	1.391	1.397	1.415	1.340	1.557	1.286
Average	1.792	1.635	1.644	1.607	1.597	1.625	1.590	1.617	2.286	1.611
Max	2.185	1.996	1.828	1.714	1.834	1.883	1.670	1.766	3.734	1.820
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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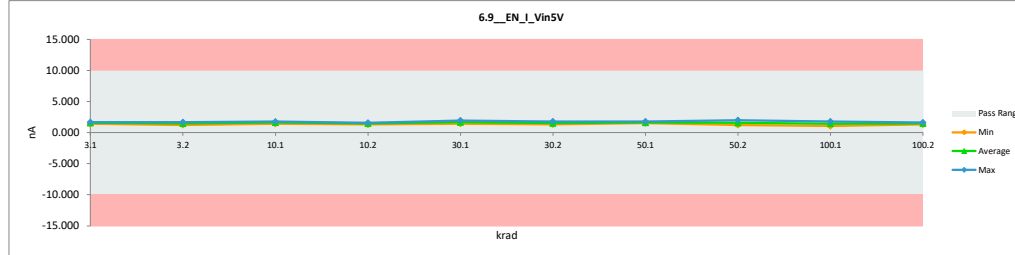
6.9_EN_I_Vin5V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.549	1.672	-0.123
3.1	3	1.719	1.403	0.316
3.1	4	1.722	1.573	0.149
3.1	5	1.550	1.578	-0.028
3.1	6	1.945	1.611	0.334
3.2	7	1.734	1.663	0.071
3.2	8	1.665	1.240	0.425
3.2	9	1.954	1.602	0.352
3.2	10	1.665	1.364	0.301
3.2	11	1.654	1.418	0.236
10.1	12	1.705	1.716	-0.011
10.1	13	1.587	1.627	-0.040
10.1	14	1.663	1.426	0.237
10.1	16	1.598	1.761	-0.163
10.1	17	1.686	1.649	0.037
10.2	18	1.654	1.442	0.212
10.2	19	1.799	1.302	0.497
10.2	20	1.742	1.588	0.154
10.2	22	1.954	1.509	0.445
10.2	23	1.793	1.511	0.282
30.1	24	1.834	1.431	0.403
30.1	26	1.672	1.512	0.160
30.1	27	1.731	1.943	-0.212
30.1	29	1.717	1.810	-0.093
30.1	32	1.730	1.703	0.027
30.2	33	1.744	1.335	0.409
30.2	34	1.654	1.598	0.056
30.2	35	1.884	1.782	0.102
30.2	36	1.773	1.395	0.378
30.2	37	1.778	1.474	0.304
50.1	38	1.793	1.636	0.157
50.1	39	1.613	1.526	0.087
50.1	41	1.837	1.791	0.046
50.1	42	1.712	1.514	0.198
50.1	44	1.584	1.601	-0.017
50.2	45	1.690	1.993	-0.303
50.2	46	1.779	1.517	0.262
50.2	47	1.801	1.224	0.577
50.2	48	1.654	1.641	0.013
50.2	49	1.802	1.404	0.398
100.1	50	1.638	1.364	0.274
100.1	51	1.692	1.283	0.409
100.1	52	1.771	1.477	0.294
100.1	53	1.598	1.780	-0.182
100.1	55	1.867	1.456	0.411
100.1	56	1.510	1.190	0.320
100.1	57	1.702	1.435	0.267
100.1	58	1.500	1.041	0.459
100.1	59	1.468	1.421	0.047
100.1	60	1.908	1.580	0.328
100.1	199	1.557	1.554	0.003
100.1	200	1.782	1.463	0.319
100.1	201	1.689	1.658	0.031
100.1	203	1.460	1.252	0.208
100.1	204	1.585	1.333	0.252
100.1	205	1.644	1.593	0.051
100.1	206	1.407	1.431	-0.024
100.1	207	1.602	1.638	-0.036
100.1	208	1.583	1.520	0.063
100.1	209	1.498	1.470	0.028
100.1	210	1.704	1.627	0.077
100.1	211	1.752	1.222	0.530
100.2	212	1.694	1.626	0.068
100.2	213	1.805	1.595	0.210
100.2	214	1.628	1.606	0.022
100.2	216	1.680	1.357	0.323
100.2	217	1.684	1.305	0.379
Max		1.954	1.993	0.577
Average		1.694	1.519	0.176
Min		1.407	1.041	-0.303
Std Dev		0.118	0.179	0.196



6.9_EN_I_Vin5V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

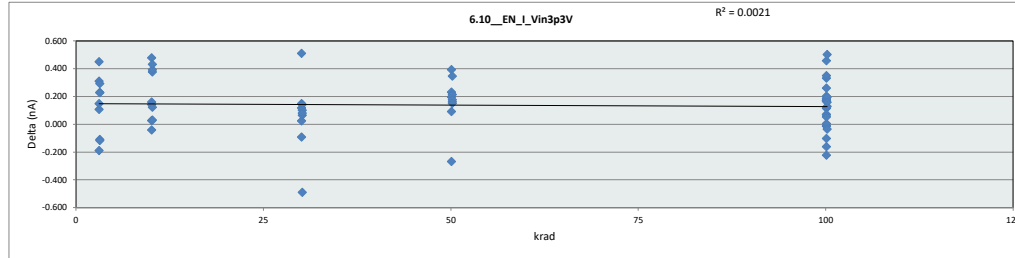
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	1.403	1.240	1.426	1.302	1.431	1.335	1.514	1.224	1.041	1.305
Average	1.567	1.457	1.636	1.470	1.680	1.517	1.614	1.556	1.445	1.498
Max	1.672	1.663	1.761	1.588	1.943	1.782	1.791	1.993	1.780	1.626
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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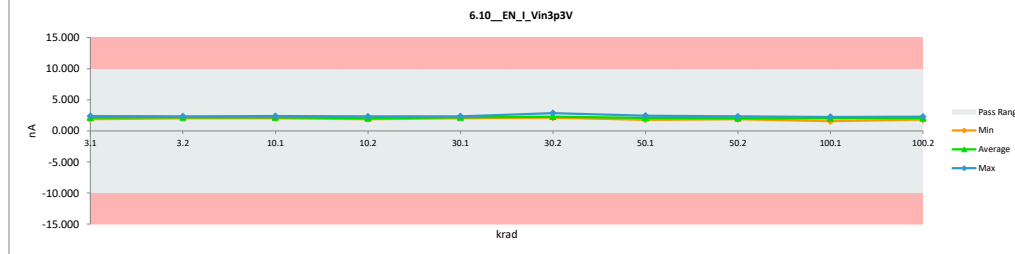
6.10_EN_I_Vin3p3V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	2.199	2.093	0.106
3.1	3	2.453	2.144	0.309
3.1	4	2.177	2.367	-0.190
3.1	5	2.349	2.201	0.148
3.1	6	2.349	1.900	0.449
3.2	7	2.283	2.054	0.229
3.2	8	2.226	2.336	-0.110
3.2	9	2.394	2.102	0.292
3.2	10	2.195	2.313	-0.118
3.2	11	2.334	2.107	0.227
10.1	12	2.173	2.014	0.159
10.1	13	2.497	2.020	0.477
10.1	14	2.270	2.312	-0.042
10.1	16	2.328	2.188	0.140
10.1	17	2.411	2.386	0.025
10.2	18	2.308	1.932	0.376
10.2	19	2.177	2.055	0.122
10.2	20	2.272	1.881	0.391
10.2	22	2.474	2.043	0.431
10.2	23	2.346	2.316	0.030
30.1	24	2.557	2.047	0.510
30.1	26	2.250	2.343	-0.093
30.1	27	2.330	2.182	0.148
30.1	29	2.225	2.202	0.023
30.1	32	2.331	2.214	0.117
30.2	33	2.367	2.858	-0.491
30.2	34	2.230	2.166	0.064
30.2	35	2.353	2.211	0.142
30.2	36	2.289	2.189	0.100
30.2	37	2.206	2.127	0.079
50.1	38	2.316	2.225	0.091
50.1	39	2.174	2.443	-0.269
50.1	41	2.302	2.107	0.195
50.1	42	2.189	1.797	0.392
50.1	44	2.181	1.950	0.231
50.2	45	2.109	1.948	0.161
50.2	46	2.212	1.866	0.346
50.2	47	2.222	2.009	0.213
50.2	48	2.286	2.110	0.176
50.2	49	2.465	2.315	0.150
100.1	50	2.273	2.205	0.068
100.1	51	2.156	1.984	0.172
100.1	52	2.231	1.900	0.331
100.1	53	2.172	1.912	0.260
100.1	55	2.200	2.214	-0.014
100.1	56	2.117	2.000	0.117
100.1	57	2.054	2.067	-0.013
100.1	58	2.009	1.552	0.457
100.1	59	2.142	2.027	0.115
100.1	60	2.320	2.140	0.180
100.1	199	2.140	2.070	0.070
100.1	200	2.367	2.181	0.186
100.1	201	2.208	2.204	0.004
100.1	203	2.138	1.970	0.168
100.1	204	2.092	1.924	0.168
100.1	205	2.225	2.060	0.165
100.1	206	1.913	2.016	-0.103
100.1	207	2.379	2.177	0.202
100.1	208	1.991	2.214	-0.223
100.1	209	2.091	2.253	-0.162
100.1	210	2.166	2.114	0.052
100.1	211	2.098	1.749	0.349
100.2	212	2.236	2.272	-0.036
100.2	213	2.308	1.807	0.501
100.2	214	2.173	1.979	0.194
100.2	216	2.217	2.089	0.128
100.2	217	2.309	2.151	0.158
Max		2.557	2.858	0.510
Average		2.247	2.109	0.138
Min		1.913	1.552	-0.491
Std Dev		0.122	0.190	0.192



6.10_EN_I_Vin3p3V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

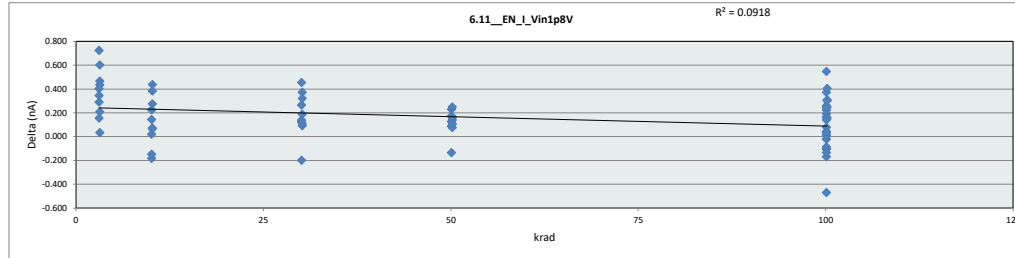
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	1.900	2.054	2.014	1.881	2.047	2.127	1.797	1.866	1.552	1.807
Average	2.141	2.182	2.184	2.045	2.198	2.310	2.104	2.050	2.042	2.060
Max	2.367	2.336	2.386	2.316	2.343	2.858	2.443	2.315	2.253	2.272
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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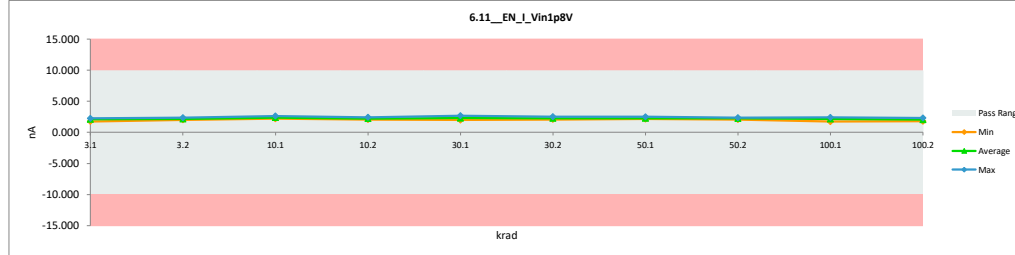
6.11_EN_I_Vin1p8V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	2.312	2.156	0.156
3.1	3	2.550	2.260	0.290
3.1	4	2.610	2.208	0.402
3.1	5	2.494	1.770	0.724
3.1	6	2.467	2.122	0.345
3.2	7	2.393	2.184	0.209
3.2	8	2.612	2.010	0.602
3.2	9	2.541	2.075	0.466
3.2	10	2.559	2.124	0.435
3.2	11	2.393	2.360	0.033
10.1	12	2.412	2.269	0.143
10.1	13	2.454	2.637	-0.183
10.1	14	2.414	2.189	0.225
10.1	16	2.367	2.347	0.020
10.1	17	2.355	2.503	-0.148
10.2	18	2.486	2.211	0.275
10.2	19	2.452	2.069	0.383
10.2	20	2.359	2.293	0.066
10.2	22	2.523	2.086	0.437
10.2	23	2.511	2.439	0.072
30.1	24	2.527	2.261	0.266
30.1	26	2.421	2.283	0.138
30.1	27	2.495	2.694	-0.199
30.1	29	2.402	2.279	0.123
30.1	32	2.436	1.982	0.454
30.2	33	2.724	2.536	0.188
30.2	34	2.389	2.298	0.091
30.2	35	2.517	2.410	0.107
30.2	36	2.415	2.094	0.321
30.2	37	2.453	2.081	0.372
50.1	38	2.356	2.230	0.126
50.1	39	2.326	2.238	0.088
50.1	41	2.444	2.272	0.172
50.1	42	2.367	2.138	0.229
50.1	44	2.364	2.499	-0.135
50.2	45	2.448	2.307	0.141
50.2	46	2.325	2.249	0.076
50.2	47	2.352	2.246	0.106
50.2	48	2.319	2.071	0.248
50.2	49	2.528	2.368	0.160
100.1	50	2.166	2.154	0.012
100.1	51	2.254	2.011	0.243
100.1	52	2.125	2.147	-0.022
100.1	53	2.265	2.100	0.165
100.1	55	2.278	2.086	0.192
100.1	56	2.200	2.301	-0.101
100.1	57	2.219	2.078	0.141
100.1	58	2.265	2.005	0.260
100.1	59	2.237	2.203	0.034
100.1	60	2.306	2.227	0.079
100.1	199	2.133	2.302	-0.169
100.1	200	2.479	2.107	0.372
100.1	201	2.504	2.282	0.222
100.1	203	2.157	2.263	-0.106
100.1	204	2.188	2.182	0.006
100.1	205	2.210	2.296	-0.086
100.1	206	2.134	2.093	0.041
100.1	207	2.272	1.725	0.547
100.1	208	1.944	2.414	-0.470
100.1	209	2.128	2.085	0.043
100.1	210	2.265	2.399	-0.134
100.1	211	2.224	2.188	0.036
100.2	212	2.192	1.787	0.405
100.2	213	2.466	2.312	0.154
100.2	214	2.376	2.067	0.309
100.2	216	2.354	2.054	0.300
100.2	217	2.221	1.973	0.248
	Max	2.724	2.694	0.030
	Average	2.365	2.204	0.161
	Min	1.944	1.725	0.219
	Std Dev	0.144	0.179	0.209



6.11_EN_I_Vin1p8V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

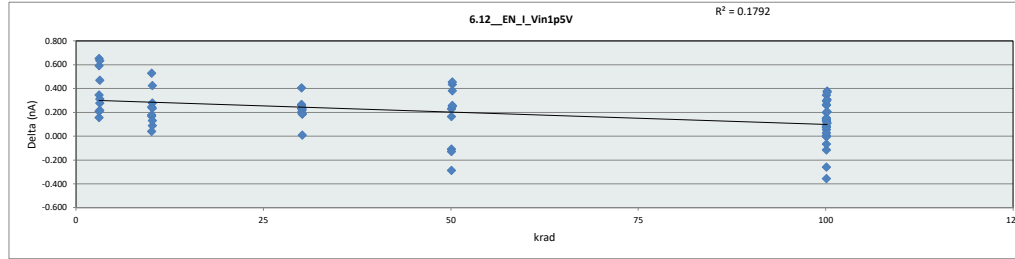
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	1.770	2.010	2.189	2.069	1.982	2.081	2.138	2.071	1.725	1.787
Average	2.103	2.151	2.389	2.220	2.300	2.284	2.275	2.248	2.166	2.039
Max	2.260	2.360	2.637	2.439	2.694	2.536	2.499	2.368	2.414	2.312
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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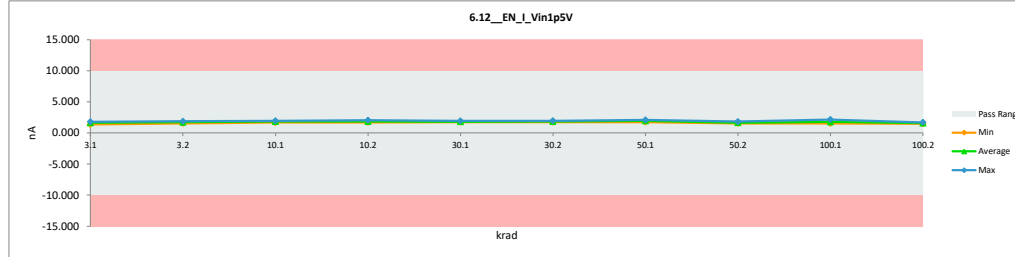
6.12_EN_I_Vin1p5V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.946	1.791	0.155
3.1	3	2.095	1.504	0.591
3.1	4	1.998	1.790	0.208
3.1	5	2.008	1.357	0.651
3.1	6	2.092	1.747	0.345
3.2	7	2.051	1.582	0.469
3.2	8	2.177	1.866	0.311
3.2	9	2.163	1.530	0.633
3.2	10	2.117	1.841	0.276
3.2	11	1.962	1.746	0.216
10.1	12	2.190	1.662	0.528
10.1	13	2.177	1.933	0.244
10.1	14	2.125	1.957	0.168
10.1	16	1.868	1.829	0.039
10.1	17	2.021	1.844	0.177
10.2	18	1.979	1.701	0.278
10.2	19	2.198	1.774	0.424
10.2	20	1.950	1.716	0.234
10.2	22	2.126	2.038	0.088
10.2	23	2.054	1.924	0.130
30.1	24	2.167	1.937	0.230
30.1	26	2.019	1.819	0.200
30.1	27	2.044	1.778	0.266
30.1	29	2.001	1.741	0.260
30.1	32	2.163	1.759	0.404
30.2	33	2.115	1.895	0.220
30.2	34	1.965	1.957	0.008
30.2	35	1.958	1.720	0.238
30.2	36	1.999	1.812	0.187
30.2	37	2.089	1.905	0.184
50.1	38	2.102	1.874	0.228
50.1	39	1.796	2.084	-0.288
50.1	41	1.973	2.082	-0.109
50.1	42	1.896	1.732	0.164
50.1	44	1.816	1.946	-0.130
50.2	45	1.956	1.576	0.380
50.2	46	1.968	1.534	0.434
50.2	47	1.959	1.710	0.249
50.2	48	2.045	1.591	0.454
50.2	49	2.077	1.820	0.257
100.1	50	1.650	2.007	-0.357
100.1	51	2.067	2.071	-0.004
100.1	52	2.012	1.753	0.259
100.1	53	1.985	1.856	0.129
100.1	55	1.877	1.533	0.344
100.1	56	1.771	1.626	0.145
100.1	57	1.807	1.734	0.073
100.1	58	1.943	1.799	0.144
100.1	59	1.693	1.687	0.006
100.1	60	1.893	1.809	0.084
100.1	199	1.972	1.708	0.264
100.1	200	1.908	1.854	0.054
100.1	201	1.932	1.809	0.123
100.1	203	1.812	1.816	-0.004
100.1	204	1.568	1.541	0.027
100.1	205	1.719	1.835	-0.116
100.1	206	1.639	1.706	-0.067
100.1	207	1.879	1.681	0.198
100.1	208	1.714	1.562	0.152
100.1	209	1.834	1.759	0.075
100.1	210	1.898	2.158	-0.260
100.1	211	1.886	1.592	0.294
100.2	212	1.687	1.577	0.110
100.2	213	2.003	1.698	0.305
100.2	214	1.759	1.554	0.205
100.2	216	1.937	1.559	0.378
100.2	217	1.864	1.495	0.369
	Max	2.198	2.158	0.651
	Average	1.957	1.764	0.193
	Min	1.568	1.357	-0.357
	Std Dev	0.148	0.164	0.199



6.12_EN_I_Vin1p5V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

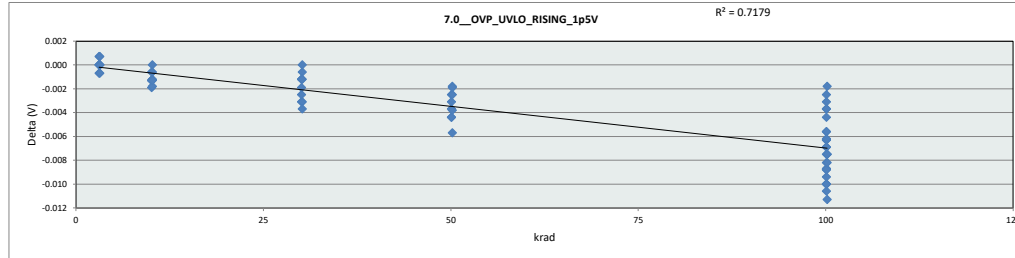
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	1.357	1.530	1.662	1.701	1.741	1.720	1.732	1.534	1.533	1.495
Average	1.638	1.713	1.845	1.831	1.807	1.858	1.944	1.646	1.768	1.577
Max	1.791	1.866	1.957	2.038	1.937	1.957	2.084	1.820	2.158	1.698
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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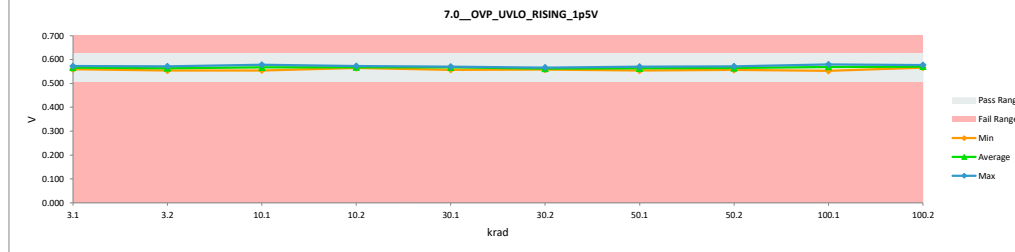
7.0_OVP_UVLO_RISING_1p5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.625
Min Limit	0.505

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.566	0.565	0.001
3.1	3	0.567	0.567	0.000
3.1	4	0.572	0.572	0.000
3.1	5	0.558	0.559	-0.001
3.1	6	0.567	0.567	0.000
3.2	7	0.554	0.553	0.001
3.2	8	0.570	0.571	-0.001
3.2	9	0.559	0.559	0.000
3.2	10	0.565	0.565	0.000
3.2	11	0.572	0.572	0.000
10.1	12	0.570	0.572	-0.001
10.1	13	0.564	0.566	-0.002
10.1	14	0.553	0.555	-0.001
10.1	16	0.577	0.578	-0.001
10.1	17	0.563	0.564	-0.001
10.2	18	0.568	0.568	0.000
10.2	19	0.572	0.573	-0.001
10.2	20	0.566	0.568	-0.002
10.2	22	0.563	0.564	-0.001
10.2	23	0.567	0.567	-0.001
30.1	24	0.568	0.570	-0.001
30.1	26	0.567	0.570	-0.003
30.1	27	0.567	0.570	-0.002
30.1	29	0.567	0.568	-0.001
30.1	32	0.555	0.557	-0.002
30.2	33	0.559	0.560	-0.001
30.2	34	0.563	0.567	-0.003
30.2	35	0.557	0.558	-0.001
30.2	36	0.562	0.565	-0.004
30.2	37	0.558	0.558	0.000
50.1	38	0.550	0.553	-0.003
50.1	39	0.562	0.565	-0.004
50.1	41	0.568	0.570	-0.002
50.1	42	0.559	0.563	-0.004
50.1	44	0.559	0.563	-0.004
50.2	45	0.560	0.566	-0.006
50.2	46	0.568	0.570	-0.002
50.2	47	0.555	0.557	-0.002
50.2	48	0.555	0.557	-0.002
50.2	49	0.568	0.572	-0.004
100.1	50	0.568	0.575	-0.007
100.1	51	0.567	0.572	-0.006
100.1	52	0.556	0.562	-0.006
100.1	53	0.563	0.567	-0.004
100.1	55	0.567	0.569	-0.002
100.1	56	0.567	0.571	-0.004
100.1	57	0.563	0.567	-0.003
100.1	58	0.562	0.565	-0.004
100.1	59	0.563	0.573	-0.010
100.1	60	0.558	0.567	-0.008
100.1	199	0.552	0.562	-0.010
100.1	200	0.562	0.573	-0.011
100.1	201	0.570	0.577	-0.006
100.1	203	0.545	0.552	-0.007
100.1	204	0.567	0.572	-0.006
100.1	205	0.563	0.572	-0.009
100.1	206	0.562	0.571	-0.009
100.1	207	0.569	0.579	-0.010
100.1	208	0.567	0.574	-0.007
100.1	209	0.559	0.568	-0.009
100.1	210	0.562	0.571	-0.009
100.1	211	0.562	0.568	-0.006
100.2	212	0.568	0.570	-0.002
100.2	213	0.557	0.568	-0.011
100.2	214	0.563	0.571	-0.007
100.2	216	0.558	0.567	-0.008
100.2	217	0.569	0.577	-0.007
Max		0.577	0.579	0.001
Average		0.563	0.567	-0.004
Min		0.545	0.552	-0.011
Std Dev		0.006	0.006	0.003



7.0_OVP_UVLO_RISING_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	0.625
Min Limit	0.505

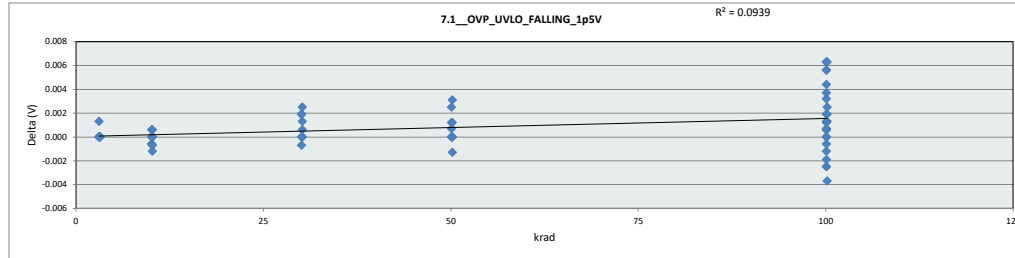
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505
Min	0.559	0.553	0.555	0.564	0.557	0.558	0.553	0.557	0.552	0.567
Average	0.566	0.564	0.567	0.568	0.567	0.562	0.563	0.564	0.569	0.571
Max	0.572	0.572	0.578	0.573	0.570	0.567	0.570	0.572	0.579	0.577
UL	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625



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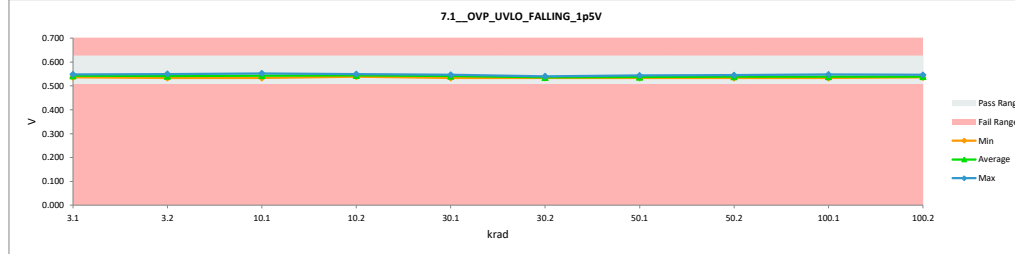
7.1_OVP_UVLO_FALLING_1p5V			
Test Site			
Tester			
Test Number			
Unit	V	V	
Max Limit	0.625	0.625	
Min Limit	0.505	0.505	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.542	0.541	0.001
3.1	3	0.545	0.545	0.000
3.1	4	0.549	0.549	0.000
3.1	5	0.536	0.536	0.000
3.1	6	0.542	0.542	0.000
3.2	7	0.533	0.533	0.000
3.2	8	0.548	0.548	0.000
3.2	9	0.534	0.534	0.000
3.2	10	0.543	0.543	0.000
3.2	11	0.550	0.550	0.000
10.1	12	0.548	0.549	-0.001
10.1	13	0.541	0.541	-0.001
10.1	14	0.533	0.533	0.000
10.1	16	0.553	0.553	0.001
10.1	17	0.541	0.541	0.000
10.2	18	0.545	0.544	0.001
10.2	19	0.549	0.549	-0.001
10.2	20	0.542	0.543	-0.001
10.2	22	0.539	0.539	0.000
10.2	23	0.545	0.545	0.000
30.1	24	0.545	0.543	0.002
30.1	26	0.546	0.547	-0.001
30.1	27	0.544	0.543	0.002
30.1	29	0.543	0.541	0.002
30.1	32	0.533	0.533	0.000
30.2	33	0.535	0.534	0.001
30.2	34	0.541	0.541	0.001
30.2	35	0.533	0.533	0.000
30.2	36	0.539	0.539	0.000
30.2	37	0.536	0.533	0.002
50.1	38	0.533	0.533	0.000
50.1	39	0.539	0.539	0.001
50.1	41	0.546	0.544	0.002
50.1	42	0.538	0.537	0.001
50.1	44	0.534	0.534	0.000
50.2	45	0.538	0.539	-0.001
50.2	46	0.545	0.542	0.003
50.2	47	0.533	0.533	0.000
50.2	48	0.533	0.533	0.000
50.2	49	0.546	0.545	0.001
100.1	50	0.546	0.545	0.001
100.1	51	0.542	0.539	0.003
100.1	52	0.533	0.533	0.000
100.1	53	0.541	0.536	0.004
100.1	55	0.543	0.537	0.006
100.1	56	0.546	0.541	0.006
100.1	57	0.542	0.536	0.006
100.1	58	0.539	0.533	0.006
100.1	59	0.540	0.541	-0.001
100.1	60	0.534	0.533	0.001
100.1	199	0.533	0.533	0.000
100.1	200	0.539	0.539	0.001
100.1	201	0.548	0.544	0.004
100.1	203	0.533	0.533	0.000
100.1	204	0.546	0.545	0.001
100.1	205	0.539	0.538	0.001
100.1	206	0.539	0.541	-0.001
100.1	207	0.546	0.548	-0.002
100.1	208	0.546	0.546	0.001
100.1	209	0.536	0.538	-0.002
100.1	210	0.539	0.541	-0.002
100.1	211	0.540	0.538	0.002
100.2	212	0.544	0.538	0.006
100.2	213	0.535	0.539	-0.004
100.2	214	0.541	0.539	0.002
100.2	216	0.537	0.536	0.001
100.2	217	0.548	0.546	0.002
Max		0.553	0.553	0.006
Average		0.541	0.540	0.001
Min		0.533	0.533	-0.004
Std Dev		0.005	0.005	0.002



7.1_OVP_UVLO_FALLING_1p5V			
Test Site			
Tester			
Test Number			
Max Limit	0.625	V	
Min Limit	0.505	V	

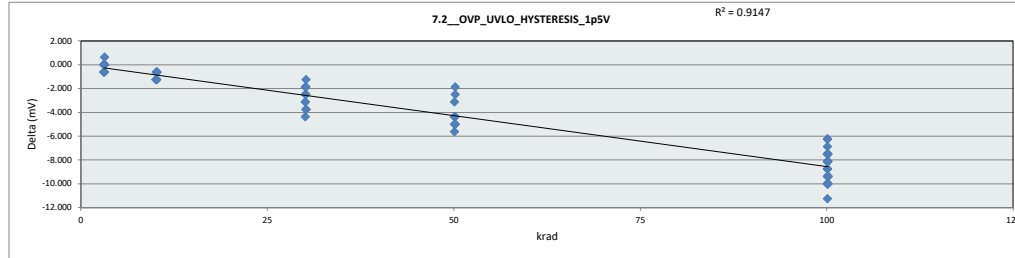
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505
Min	0.536	0.533	0.533	0.539	0.533	0.533	0.533	0.533	0.533	0.536
Average	0.542	0.541	0.543	0.544	0.541	0.536	0.537	0.539	0.539	0.539
Max	0.549	0.550	0.553	0.549	0.547	0.541	0.544	0.545	0.548	0.546
UL	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625



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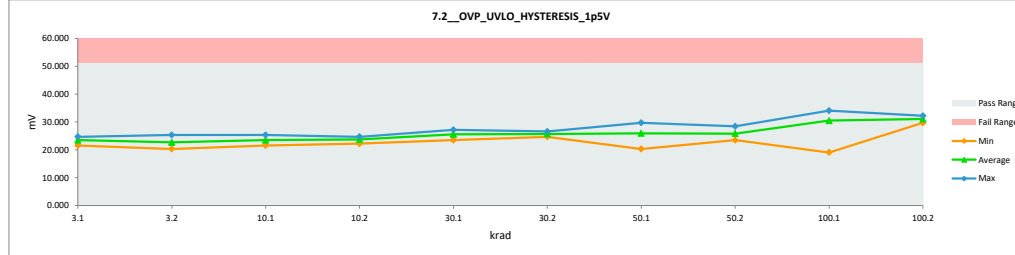
7.2_OVP_UVLO_HYSTERESIS_1			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	51	51	
Min Limit	0	0	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	24.092	24.718	-0.626
3.1	3	21.589	21.589	0.000
3.1	4	23.466	23.466	0.000
3.1	5	22.215	22.841	-0.626
3.1	6	24.718	24.718	0.000
3.2	7	20.964	20.338	0.626
3.2	8	22.841	23.467	-0.626
3.2	9	25.344	25.344	0.000
3.2	10	22.841	22.841	0.000
3.2	11	21.589	21.589	0.000
10.1	12	22.215	22.841	-0.626
10.1	13	23.467	24.718	-1.251
10.1	14	20.338	21.589	-1.251
10.1	16	24.093	25.344	-1.251
10.1	17	21.589	22.841	-1.252
10.2	18	22.841	23.467	-0.626
10.2	19	22.841	23.467	-0.626
10.2	20	24.092	24.718	-0.626
10.2	22	23.467	24.718	-1.251
10.2	23	21.589	22.215	-0.626
30.1	24	23.467	26.596	-3.129
30.1	26	20.964	23.467	-2.503
30.1	27	22.841	27.221	-4.380
30.1	29	23.466	26.596	-3.130
30.1	32	22.215	24.092	-1.877
30.2	33	24.093	25.970	-1.877
30.2	34	22.215	25.970	-3.755
30.2	35	23.467	24.718	-1.251
30.2	36	22.841	26.596	-3.755
30.2	37	22.841	25.344	-2.503
50.1	38	17.209	20.338	-3.129
50.1	39	22.215	26.596	-4.381
50.1	41	21.590	26.596	-5.006
50.1	42	20.964	26.596	-5.632
50.1	44	25.344	29.725	-4.381
50.2	45	22.215	26.596	-4.381
50.2	46	23.467	28.473	-5.006
50.2	47	21.589	24.092	-2.503
50.2	48	21.589	23.467	-1.878
50.2	49	21.590	26.596	-5.006
100.1	50	21.590	30.350	-8.760
100.1	51	24.718	33.479	-8.761
100.1	52	22.841	29.099	-6.258
100.1	53	22.841	30.976	-8.135
100.1	55	24.092	32.228	-8.136
100.1	56	20.338	30.350	-10.012
100.1	57	21.589	30.976	-9.387
100.1	58	22.215	32.228	-10.013
100.1	59	22.841	32.228	-9.387
100.1	60	24.718	33.479	-8.761
100.1	199	19.086	29.099	-10.013
100.1	200	22.841	34.105	-11.264
100.1	201	22.215	32.228	-10.013
100.1	203	12.203	19.086	-6.883
100.1	204	20.963	27.221	-6.258
100.1	205	24.093	34.105	-10.012
100.1	206	22.841	30.350	-7.509
100.1	207	23.467	30.976	-7.509
100.1	208	20.964	28.473	-7.509
100.1	209	22.841	30.350	-7.509
100.1	210	23.467	29.724	-6.257
100.1	211	21.589	29.725	-8.136
100.2	212	24.093	32.228	-8.135
100.2	213	22.215	29.725	-7.510
100.2	214	22.215	32.228	-10.013
100.2	216	21.589	30.976	-9.387
100.2	217	20.964	30.351	-9.387
Max		25.344	34.105	0.626
Average		22.355	26.997	-4.642
Min		12.203	19.086	-11.264
Std Dev		1.896	3.848	3.615



7.2_OVP_UVLO_HYSTERESIS			
Test Site			
Tester			
Test Number			
Max Limit	51	mV	
Min Limit	0	mV	

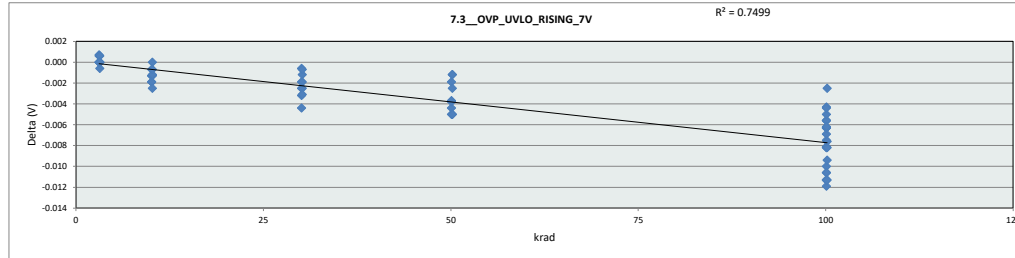
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	21.589	20.338	21.589	22.215	23.467	24.718	20.338	23.467	19.086	29.725
Average	23.466	22.716	23.467	23.717	25.594	25.720	25.970	25.845	30.493	31.102
Max	24.718	25.344	25.344	24.718	27.221	26.596	29.725	28.473	34.105	32.228
UL	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000



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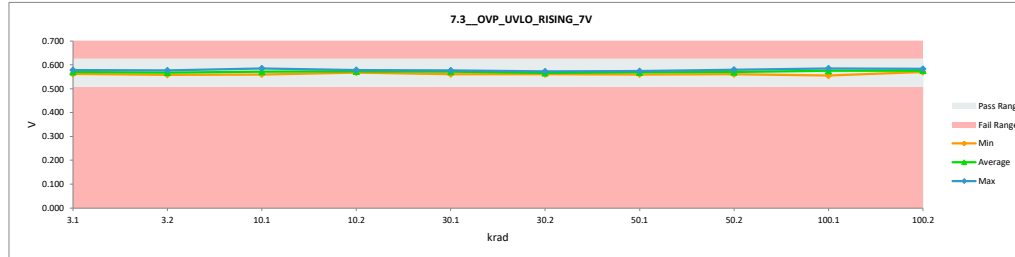
7.3_OVP_UVLO_RISING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.625
Min Limit	0.505

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.568	0.568	0.001
3.1	3	0.573	0.572	0.001
3.1	4	0.578	0.578	0.000
3.1	5	0.562	0.562	0.000
3.1	6	0.572	0.572	0.000
3.2	7	0.558	0.558	0.000
3.2	8	0.576	0.577	-0.001
3.2	9	0.562	0.562	0.001
3.2	10	0.568	0.568	0.000
3.2	11	0.575	0.575	0.000
10.1	12	0.575	0.576	-0.001
10.1	13	0.568	0.570	-0.002
10.1	14	0.558	0.560	-0.001
10.1	16	0.585	0.585	-0.001
10.1	17	0.565	0.567	-0.002
10.2	18	0.575	0.575	0.000
10.2	19	0.577	0.578	-0.001
10.2	20	0.567	0.570	-0.002
10.2	22	0.567	0.568	-0.001
10.2	23	0.570	0.571	-0.001
30.1	24	0.573	0.574	-0.001
30.1	26	0.573	0.576	-0.003
30.1	27	0.572	0.577	-0.004
30.1	29	0.568	0.570	-0.002
30.1	32	0.558	0.560	-0.002
30.2	33	0.566	0.567	-0.001
30.2	34	0.568	0.570	-0.002
30.2	35	0.558	0.560	-0.002
30.2	36	0.570	0.573	-0.003
30.2	37	0.560	0.561	-0.001
50.1	38	0.555	0.560	-0.004
50.1	39	0.570	0.573	-0.004
50.1	41	0.570	0.572	-0.002
50.1	42	0.563	0.567	-0.004
50.1	44	0.565	0.570	-0.005
50.2	45	0.564	0.569	-0.005
50.2	46	0.573	0.575	-0.001
50.2	47	0.561	0.563	-0.002
50.2	48	0.559	0.560	-0.001
50.2	49	0.575	0.580	-0.005
100.1	50	0.571	0.578	-0.007
100.1	51	0.572	0.578	-0.006
100.1	52	0.564	0.570	-0.006
100.1	53	0.569	0.575	-0.006
100.1	55	0.571	0.575	-0.004
100.1	56	0.571	0.577	-0.006
100.1	57	0.568	0.573	-0.005
100.1	58	0.564	0.568	-0.004
100.1	59	0.569	0.579	-0.010
100.1	60	0.563	0.572	-0.008
100.1	199	0.558	0.569	-0.011
100.1	200	0.568	0.580	-0.012
100.1	201	0.574	0.581	-0.007
100.1	203	0.548	0.555	-0.006
100.1	204	0.573	0.579	-0.006
100.1	205	0.567	0.577	-0.011
100.1	206	0.565	0.573	-0.008
100.1	207	0.574	0.585	-0.011
100.1	208	0.573	0.581	-0.008
100.1	209	0.563	0.574	-0.011
100.1	210	0.568	0.579	-0.011
100.1	211	0.567	0.573	-0.006
100.2	212	0.573	0.576	-0.002
100.2	213	0.565	0.576	-0.011
100.2	214	0.568	0.576	-0.008
100.2	216	0.560	0.570	-0.009
100.2	217	0.575	0.583	-0.008
Max		0.585	0.585	0.001
Average		0.568	0.572	-0.004
Min		0.548	0.555	-0.012
Std Dev		0.006	0.007	0.004



7.3_OVP_UVLO_RISING_7V	
Test Site	
Tester	
Test Number	
Max Limit	0.625
Min Limit	0.505

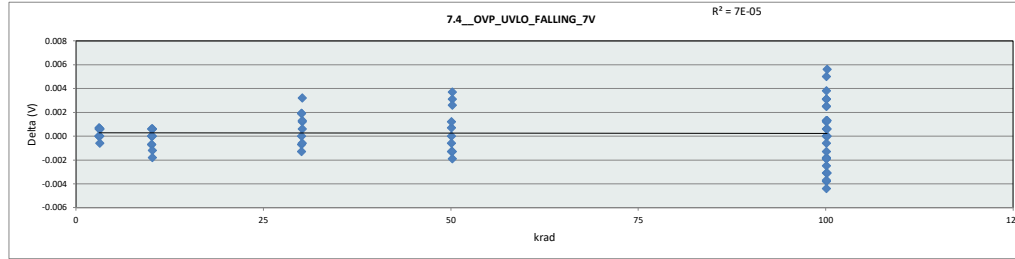
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505
Min	0.562	0.558	0.560	0.568	0.560	0.560	0.560	0.560	0.555	0.570
Average	0.570	0.568	0.572	0.572	0.571	0.566	0.569	0.569	0.575	0.576
Max	0.578	0.577	0.585	0.579	0.577	0.573	0.574	0.580	0.585	0.583
UL	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625



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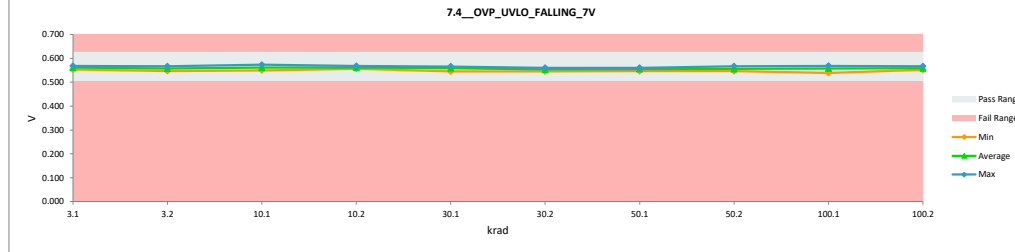
7.4_OVP_UVLO_FALLING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.625
Min Limit	0.505

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.559	0.558	0.001
3.1	3	0.565	0.564	0.001
3.1	4	0.568	0.568	0.000
3.1	5	0.553	0.553	0.000
3.1	6	0.562	0.562	0.000
3.2	7	0.548	0.548	0.000
3.2	8	0.566	0.567	-0.001
3.2	9	0.550	0.549	0.001
3.2	10	0.559	0.559	0.001
3.2	11	0.567	0.566	0.001
10.1	12	0.566	0.566	-0.001
10.1	13	0.558	0.559	-0.001
10.1	14	0.550	0.550	0.000
10.1	16	0.574	0.573	0.001
10.1	17	0.558	0.558	0.000
10.2	18	0.566	0.565	0.001
10.2	19	0.567	0.568	-0.001
10.2	20	0.556	0.558	-0.002
10.2	22	0.558	0.557	0.001
10.2	23	0.563	0.563	0.000
30.1	24	0.564	0.562	0.002
30.1	26	0.565	0.566	-0.001
30.1	27	0.563	0.564	-0.001
30.1	29	0.558	0.558	0.000
30.1	32	0.548	0.546	0.002
30.2	33	0.556	0.554	0.001
30.2	34	0.558	0.558	0.001
30.2	35	0.547	0.546	0.001
30.2	36	0.560	0.561	-0.001
30.2	37	0.552	0.549	0.003
50.1	38	0.546	0.547	-0.001
50.1	39	0.561	0.561	0.000
50.1	41	0.561	0.561	0.001
50.1	42	0.556	0.554	0.001
50.1	44	0.554	0.555	-0.001
50.2	45	0.555	0.557	-0.002
50.2	46	0.563	0.560	0.003
50.2	47	0.551	0.549	0.003
50.2	48	0.551	0.547	0.004
50.2	49	0.566	0.567	-0.001
100.1	50	0.563	0.563	0.001
100.1	51	0.561	0.560	0.001
100.1	52	0.554	0.554	0.000
100.1	53	0.560	0.558	0.002
100.1	55	0.561	0.558	0.003
100.1	56	0.564	0.560	0.004
100.1	57	0.561	0.558	0.003
100.1	58	0.555	0.550	0.005
100.1	59	0.559	0.561	-0.002
100.1	60	0.553	0.551	0.001
100.1	199	0.549	0.553	-0.004
100.1	200	0.559	0.561	-0.002
100.1	201	0.566	0.563	0.002
100.1	203	0.539	0.539	0.000
100.1	204	0.565	0.566	-0.001
100.1	205	0.556	0.557	-0.001
100.1	206	0.556	0.558	-0.002
100.1	207	0.564	0.569	-0.004
100.1	208	0.565	0.567	-0.002
100.1	209	0.554	0.558	-0.003
100.1	210	0.559	0.563	-0.004
100.1	211	0.559	0.558	0.001
100.2	212	0.563	0.558	0.006
100.2	213	0.556	0.559	-0.003
100.2	214	0.559	0.558	0.001
100.2	216	0.553	0.553	0.000
100.2	217	0.567	0.567	0.001
Max		0.574	0.573	0.006
Average		0.559	0.558	0.000
Min		0.539	0.539	-0.004
Std Dev		0.006	0.007	0.002



7.4_OVP_UVLO_FALLING_7V	
Test Site	
Tester	
Test Number	
Max Limit	0.625
Min Limit	0.505

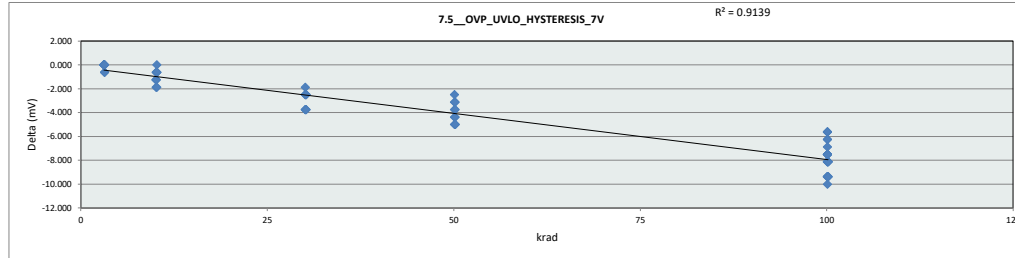
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505	0.505
Min	0.553	0.548	0.550	0.557	0.546	0.546	0.547	0.547	0.539	0.553
Average	0.561	0.558	0.561	0.562	0.559	0.553	0.556	0.556	0.558	0.559
Max	0.568	0.567	0.573	0.568	0.566	0.561	0.561	0.567	0.569	0.567
UL	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625



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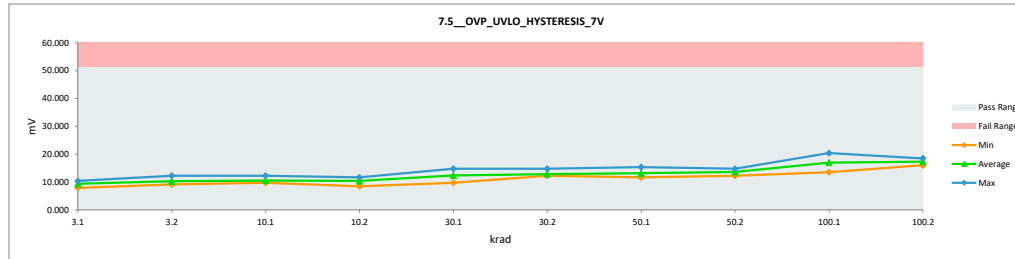
7.5_OVP_UVLO_HYSTERESIS_7			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	51	51	
Min Limit	0	0	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	9.700	9.700	0.000
3.1	3	7.822	7.822	0.000
3.1	4	9.700	9.700	0.000
3.1	5	9.074	9.074	0.000
3.1	6	10.325	10.325	0.000
3.2	7	10.325	10.325	0.000
3.2	8	9.700	9.700	0.000
3.2	9	12.203	12.203	0.000
3.2	10	9.074	9.700	-0.626
3.2	11	8.448	9.074	-0.626
10.1	12	9.074	9.700	-0.626
10.1	13	9.700	10.951	-1.251
10.1	14	8.448	9.700	-1.252
10.1	16	10.951	12.203	-1.252
10.1	17	7.822	9.700	-1.878
10.2	18	9.700	10.325	-0.625
10.2	19	10.326	10.325	0.001
10.2	20	10.951	11.577	-0.626
10.2	22	9.074	10.951	-1.877
10.2	23	7.822	8.448	-0.626
30.1	24	9.700	12.203	-2.503
30.1	26	7.822	9.700	-1.878
30.1	27	9.073	12.829	-3.756
30.1	29	9.700	12.203	-2.503
30.1	32	10.951	14.706	-3.755
30.2	33	10.325	12.828	-2.503
30.2	34	9.700	12.203	-2.503
30.2	35	10.951	14.706	-3.755
30.2	36	9.699	12.203	-2.504
30.2	37	8.448	12.203	-3.755
50.1	38	9.699	12.829	-3.130
50.1	39	9.074	12.829	-3.755
50.1	41	9.074	11.577	-2.503
50.1	42	7.822	12.828	-5.006
50.1	44	10.951	15.332	-4.381
50.2	45	9.074	12.203	-3.129
50.2	46	10.325	14.706	-4.381
50.2	47	9.700	14.706	-5.006
50.2	48	8.448	13.454	-5.006
50.2	49	9.074	12.829	-3.755
100.1	50	7.822	15.957	-8.135
100.1	51	10.951	18.460	-7.509
100.1	52	10.325	15.957	-5.632
100.1	53	9.074	17.209	-8.135
100.1	55	10.325	17.835	-7.510
100.1	56	7.196	16.583	-9.387
100.1	57	7.822	15.958	-8.136
100.1	58	9.074	18.461	-9.387
100.1	59	9.700	17.835	-8.135
100.1	60	10.951	20.338	-9.387
100.1	199	9.074	16.583	-7.509
100.1	200	9.700	19.712	-10.012
100.1	201	8.448	17.834	-9.386
100.1	203	9.074	15.332	-6.258
100.1	204	7.822	13.454	-5.632
100.1	205	10.951	20.338	-9.387
100.1	206	9.700	15.332	-5.632
100.1	207	9.700	16.583	-6.883
100.1	208	7.822	14.080	-6.258
100.1	209	9.074	16.583	-7.509
100.1	210	9.074	16.583	-7.509
100.1	211	7.822	15.332	-7.510
100.2	212	10.325	18.461	-8.136
100.2	213	8.448	16.583	-8.135
100.2	214	8.448	17.835	-9.387
100.2	216	7.822	17.209	-9.387
100.2	217	7.822	15.957	-8.135
Max		12.203	20.338	0.001
Average		9.317	13.716	-4.399
Min		7.196	7.822	-10.012
Std Dev		1.084	3.246	3.293



7.5_OVP_UVLO_HYSTERESIS			
Test Site			
Tester			
Test Number			
Max Limit	51	mV	
Min Limit	0	mV	

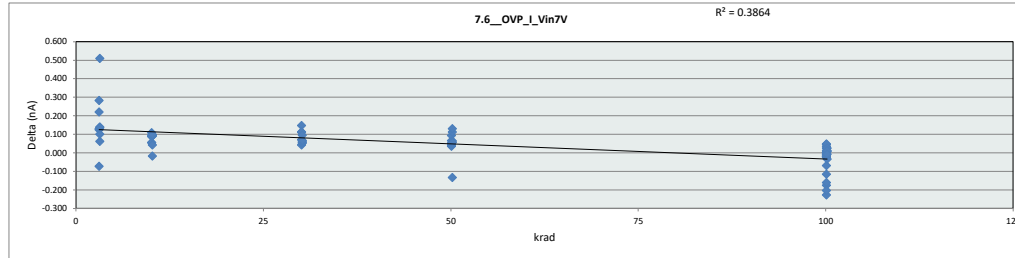
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	7.822	9.074	9.700	8.448	9.700	12.203	11.577	12.203	13.454	15.957
Average	9.324	10.200	10.451	10.325	12.328	12.829	13.079	13.580	16.925	17.209
Max	10.325	12.203	12.203	11.577	14.706	14.706	15.332	14.706	20.338	18.461
UL	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000	51.000



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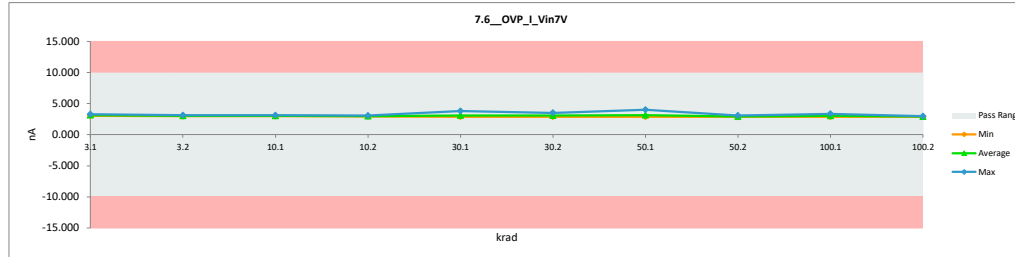
7.6_OVP_I_Vin7V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	3.492	3.210	0.282
3.1	3	3.343	3.123	0.220
3.1	4	3.232	3.305	-0.073
3.1	5	3.183	3.059	0.124
3.1	6	3.191	3.061	0.130
3.2	7	3.141	3.006	0.135
3.2	8	3.136	3.075	0.061
3.2	9	3.136	2.997	0.139
3.2	10	3.485	2.976	0.509
3.2	11	3.234	3.134	0.100
10.1	12	3.138	3.084	0.054
10.1	13	3.087	2.992	0.095
10.1	14	3.058	2.971	0.087
10.1	16	3.054	2.999	0.055
10.1	17	3.240	3.132	0.108
10.2	18	3.030	2.940	0.090
10.2	19	3.032	2.940	0.092
10.2	20	3.051	3.069	-0.018
10.2	22	3.099	3.001	0.098
10.2	23	3.076	3.034	0.042
30.1	24	3.022	2.875	0.147
30.1	26	3.913	3.801	0.112
30.1	27	3.008	2.897	0.111
30.1	29	2.981	2.939	0.042
30.1	32	3.078	3.007	0.071
30.2	33	3.046	2.951	0.095
30.2	34	3.581	3.519	0.062
30.2	35	3.073	3.021	0.052
30.2	36	3.065	3.010	0.055
30.2	37	2.966	2.900	0.066
50.1	38	3.018	2.953	0.065
50.1	39	3.029	2.994	0.035
50.1	41	4.114	4.021	0.093
50.1	42	2.955	2.913	0.042
50.1	44	2.942	2.890	0.052
50.2	45	2.974	2.862	0.112
50.2	46	2.968	2.904	0.064
50.2	47	3.101	2.971	0.130
50.2	48	2.942	3.076	-0.134
50.2	49	2.934	2.878	0.056
100.1	50	3.118	3.116	0.002
100.1	51	2.971	2.981	-0.010
100.1	52	2.985	3.101	-0.116
100.1	53	3.089	3.110	-0.021
100.1	55	2.974	2.930	0.044
100.1	56	2.936	3.005	-0.069
100.1	57	2.993	3.012	-0.019
100.1	58	2.977	2.974	0.003
100.1	59	2.961	2.961	0.000
100.1	60	2.967	2.942	0.025
100.1	199	2.938	2.958	-0.020
100.1	200	2.987	2.953	0.034
100.1	201	2.943	2.931	0.012
100.1	203	3.190	3.366	-0.176
100.1	204	3.001	3.229	-0.228
100.1	205	2.933	2.886	0.047
100.1	206	2.937	3.098	-0.161
100.1	207	2.912	2.922	-0.010
100.1	208	2.956	2.971	-0.015
100.1	209	2.935	2.937	-0.002
100.1	210	3.038	3.242	-0.204
100.1	211	3.006	3.031	-0.025
100.2	212	2.939	2.973	-0.034
100.2	213	2.910	2.885	0.025
100.2	214	2.926	2.919	0.007
100.2	216	2.956	2.945	0.011
100.2	217	2.948	2.956	-0.008
Max		4.114	4.021	0.509
Average		3.083	3.042	0.041
Min		2.910	2.862	-0.228
Std Dev		0.215	0.196	0.107



7.6_OVP_I_Vin7V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

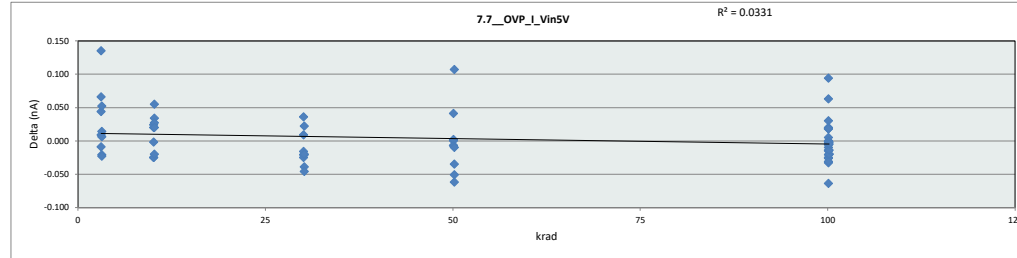
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	3.059	2.976	2.971	2.940	2.875	2.900	2.890	2.862	2.886	2.885
Average	3.152	3.038	3.036	2.997	3.104	3.080	3.154	2.938	3.030	2.936
Max	3.305	3.134	3.132	3.069	3.801	3.519	4.021	3.076	3.366	2.973
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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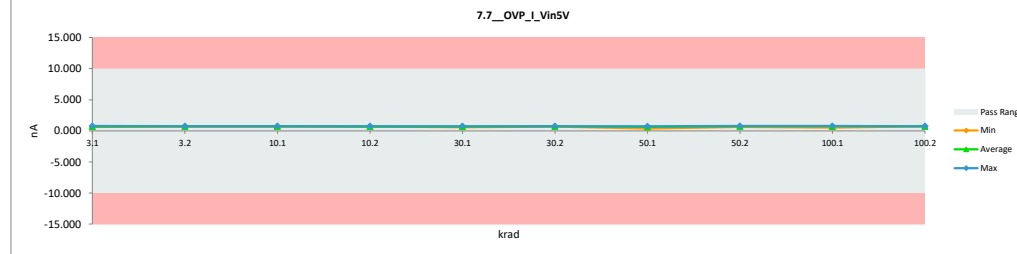
7.7_OVP_I_Vin5V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.786	0.777	0.009
3.1	3	0.773	0.707	0.066
3.1	4	0.746	0.611	0.135
3.1	5	0.748	0.757	-0.009
3.1	6	0.741	0.697	0.044
3.2	7	0.755	0.741	0.014
3.2	8	0.770	0.718	0.052
3.2	9	0.731	0.752	-0.021
3.2	10	0.723	0.746	-0.023
3.2	11	0.711	0.705	0.006
10.1	12	0.728	0.704	0.024
10.1	13	0.730	0.755	-0.025
10.1	14	0.721	0.723	-0.002
10.1	16	0.736	0.716	0.020
10.1	17	0.709	0.734	-0.025
10.2	18	0.742	0.708	0.034
10.2	19	0.734	0.754	-0.020
10.2	20	0.727	0.672	0.055
10.2	22	0.731	0.704	0.027
10.2	23	0.698	0.678	0.020
30.1	24	0.727	0.748	-0.021
30.1	26	0.590	0.581	0.009
30.1	27	0.727	0.752	-0.025
30.1	29	0.730	0.746	-0.016
30.1	32	0.740	0.704	0.036
30.2	33	0.716	0.755	-0.039
30.2	34	0.718	0.696	0.022
30.2	35	0.695	0.716	-0.021
30.2	36	0.689	0.735	-0.046
30.2	37	0.711	0.731	-0.020
50.1	38	0.714	0.721	-0.007
50.1	39	0.725	0.725	0.000
50.1	41	0.379	0.377	0.002
50.1	42	0.743	0.702	0.041
50.1	44	0.718	0.725	-0.007
50.2	45	0.730	0.781	-0.051
50.2	46	0.729	0.764	-0.035
50.2	47	0.724	0.734	-0.010
50.2	48	0.750	0.643	0.107
50.2	49	0.705	0.767	-0.062
100.1	50	0.707	0.771	-0.064
100.1	51	0.736	0.769	-0.033
100.1	52	0.733	0.670	0.063
100.1	53	0.724	0.730	-0.006
100.1	55	0.731	0.756	-0.025
100.1	56	0.724	0.739	-0.015
100.1	57	0.706	0.720	-0.014
100.1	58	0.733	0.728	0.005
100.1	59	0.732	0.732	0.000
100.1	60	0.743	0.748	-0.005
100.1	199	0.709	0.735	-0.026
100.1	200	0.731	0.733	-0.002
100.1	201	0.718	0.719	-0.001
100.1	203	0.693	0.714	-0.021
100.1	204	0.702	0.672	0.030
100.1	205	0.721	0.752	-0.031
100.1	206	0.722	0.703	0.019
100.1	207	0.747	0.729	0.018
100.1	208	0.730	0.710	0.020
100.1	209	0.725	0.707	0.018
100.1	210	0.649	0.555	0.094
100.1	211	0.721	0.731	-0.010
100.2	212	0.718	0.738	-0.020
100.2	213	0.736	0.738	-0.002
100.2	214	0.726	0.746	-0.020
100.2	216	0.702	0.716	-0.014
100.2	217	0.741	0.746	-0.005
Max		0.786	0.781	0.135
Average		0.719	0.716	0.003
Min		0.379	0.377	-0.064
Std Dev		0.050	0.059	0.037



7.7_OVP_I_Vin5V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

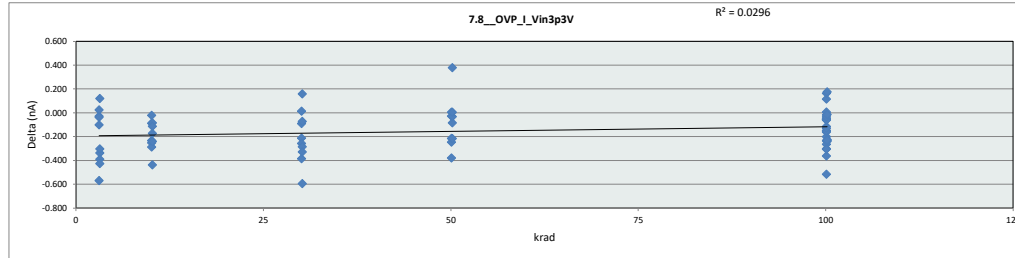
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	0.611	0.705	0.704	0.672	0.581	0.696	0.377	0.643	0.555	0.716
Average	0.710	0.732	0.726	0.703	0.706	0.727	0.650	0.738	0.719	0.737
Max	0.777	0.752	0.755	0.754	0.752	0.755	0.725	0.781	0.771	0.746
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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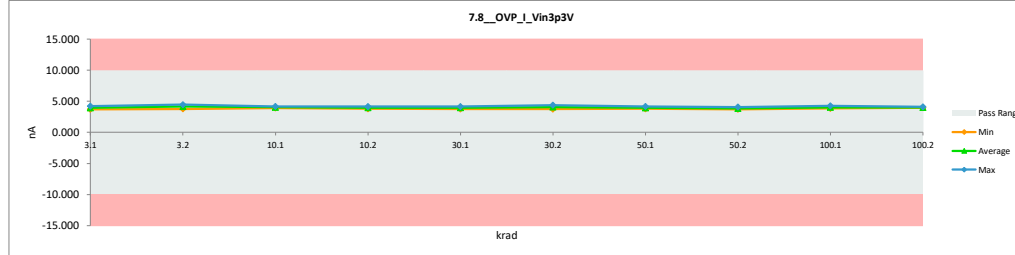
7.8_OVP_I_Vin3p3V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	3.946	4.047	-0.101
3.1	3	3.660	4.229	-0.569
3.1	4	3.876	3.905	-0.029
3.1	5	3.728	3.704	0.024
3.1	6	3.793	3.830	-0.037
3.2	7	3.831	4.168	-0.337
3.2	8	3.892	3.772	0.120
3.2	9	3.891	4.194	-0.303
3.2	10	3.833	4.223	-0.390
3.2	11	4.034	4.461	-0.427
10.1	12	3.864	4.117	-0.253
10.1	13	3.829	4.062	-0.233
10.1	14	3.886	4.173	-0.287
10.1	16	3.907	3.928	-0.021
10.1	17	3.824	3.912	-0.088
10.2	18	3.682	3.922	-0.240
10.2	19	3.842	3.926	-0.084
10.2	20	3.673	3.787	-0.114
10.2	22	3.709	4.146	-0.437
10.2	23	3.886	4.059	-0.173
30.1	24	3.795	3.885	-0.090
30.1	26	3.767	3.754	0.013
30.1	27	3.767	3.979	-0.212
30.1	29	3.786	4.043	-0.257
30.1	32	3.760	4.145	-0.385
30.2	33	3.783	4.377	-0.594
30.2	34	3.739	4.024	-0.285
30.2	35	3.893	3.735	0.158
30.2	36	3.892	4.220	-0.328
30.2	37	3.955	4.027	-0.072
50.1	38	3.873	3.868	0.005
50.1	39	3.793	4.172	-0.379
50.1	41	3.714	3.960	-0.246
50.1	42	3.695	3.910	-0.215
50.1	44	3.762	3.790	-0.028
50.2	45	4.089	3.710	0.379
50.2	46	3.735	3.819	-0.084
50.2	47	3.813	3.845	-0.032
50.2	48	3.759	3.754	0.005
50.2	49	3.863	4.079	-0.216
100.1	50	3.797	3.849	-0.052
100.1	51	4.014	4.032	-0.018
100.1	52	3.982	4.131	-0.149
100.1	53	3.897	4.260	-0.363
100.1	55	3.775	3.937	-0.162
100.1	56	3.953	4.010	-0.057
100.1	57	3.730	4.246	-0.516
100.1	58	3.812	4.115	-0.303
100.1	59	3.813	4.013	-0.200
100.1	60	3.826	4.090	-0.264
100.1	199	4.150	4.035	0.115
100.1	200	3.768	4.004	-0.236
100.1	201	3.867	3.922	-0.055
100.1	203	3.847	4.000	-0.153
100.1	204	3.868	3.862	0.006
100.1	205	3.828	3.943	-0.115
100.1	206	3.795	3.924	-0.129
100.1	207	4.003	4.052	-0.049
100.1	208	4.121	3.958	0.163
100.1	209	3.840	4.145	-0.305
100.1	210	4.080	4.141	-0.061
100.1	211	3.901	3.936	-0.035
100.2	212	4.164	3.989	0.175
100.2	213	3.944	3.958	-0.014
100.2	214	3.774	4.013	-0.239
100.2	216	3.783	4.009	-0.226
100.2	217	3.872	4.103	-0.231
Max		4.164	4.461	0.379
Average		3.851	4.005	-0.154
Min		3.660	3.704	-0.594
Std Dev		0.113	0.159	0.182



7.8_OVP_I_Vin3p3V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

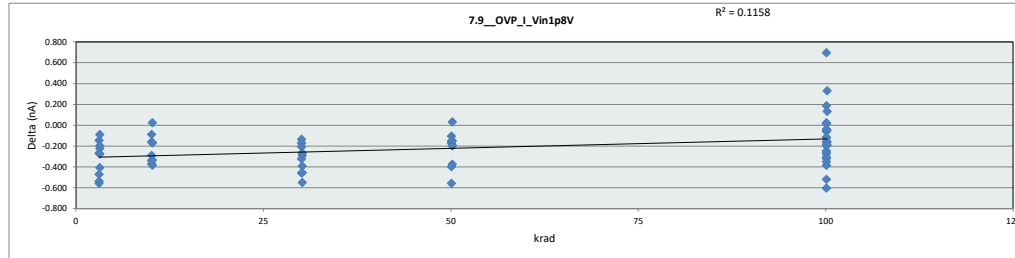
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	3.704	3.772	3.912	3.787	3.754	3.735	3.790	3.710	3.849	3.958
Average	3.943	4.164	4.038	3.968	3.961	4.077	3.940	3.841	4.028	4.014
Max	4.229	4.461	4.173	4.146	4.145	4.377	4.172	4.079	4.260	4.103
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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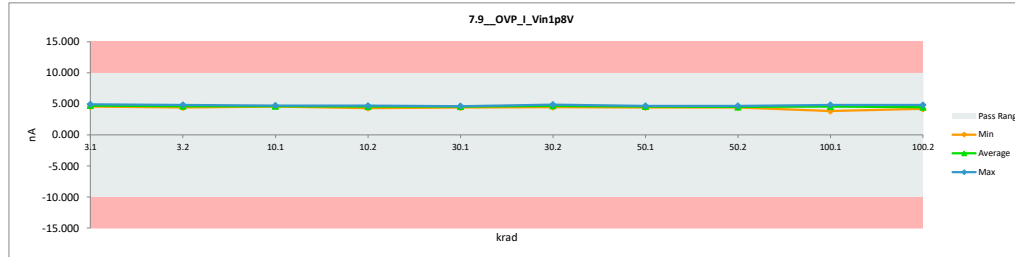
7.9_OVP_I_Vin1p8V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	4.370	4.928	-0.558
3.1	3	4.194	4.731	-0.537
3.1	4	4.397	4.542	-0.145
3.1	5	4.334	4.805	-0.471
3.1	6	4.402	4.670	-0.268
3.2	7	4.326	4.548	-0.222
3.2	8	4.417	4.825	-0.408
3.2	9	4.443	4.641	-0.198
3.2	10	4.326	4.602	-0.276
3.2	11	4.327	4.417	-0.090
10.1	12	4.325	4.663	-0.338
10.1	13	4.316	4.606	-0.290
10.1	14	4.356	4.727	-0.371
10.1	16	4.468	4.557	-0.089
10.1	17	4.376	4.537	-0.161
10.2	18	4.311	4.695	-0.384
10.2	19	4.342	4.318	0.024
10.2	20	4.356	4.523	-0.167
10.2	22	4.234	4.569	-0.335
10.2	23	4.442	4.612	-0.170
30.1	24	4.274	4.481	-0.207
30.1	26	4.419	4.591	-0.172
30.1	27	4.282	4.417	-0.135
30.1	29	4.312	4.635	-0.323
30.1	32	4.142	4.601	-0.459
30.2	33	4.327	4.877	-0.550
30.2	34	4.157	4.446	-0.289
30.2	35	4.256	4.649	-0.393
30.2	36	4.311	4.577	-0.266
30.2	37	4.415	4.871	-0.456
50.1	38	4.468	4.622	-0.154
50.1	39	4.310	4.483	-0.173
50.1	41	4.241	4.639	-0.398
50.1	42	4.312	4.417	-0.105
50.1	44	4.114	4.672	-0.558
50.2	45	4.297	4.447	-0.150
50.2	46	4.201	4.395	-0.194
50.2	47	4.288	4.487	-0.199
50.2	48	4.474	4.442	0.032
50.2	49	4.282	4.656	-0.374
100.1	50	4.208	4.477	-0.269
100.1	51	4.333	4.653	-0.320
100.1	52	4.469	4.627	-0.158
100.1	53	4.304	4.823	-0.519
100.1	55	4.347	4.335	0.012
100.1	56	4.446	4.715	-0.269
100.1	57	4.377	4.354	0.023
100.1	58	4.517	4.633	-0.116
100.1	59	4.289	4.584	-0.305
100.1	60	4.394	4.745	-0.351
100.1	199	4.449	4.641	-0.192
100.1	200	4.068	4.672	-0.604
100.1	201	4.433	4.485	-0.052
100.1	203	4.377	4.624	-0.247
100.1	204	4.408	4.447	-0.039
100.1	205	4.525	4.586	-0.061
100.1	206	4.333	4.530	-0.197
100.1	207	4.526	3.831	0.695
100.1	208	4.604	4.417	0.187
100.1	209	4.418	4.803	-0.385
100.1	210	4.518	4.638	-0.120
100.1	211	4.459	4.641	-0.182
100.2	212	4.635	4.795	-0.160
100.2	213	4.269	4.318	-0.049
100.2	214	4.360	4.550	-0.190
100.2	216	4.513	4.183	0.330
100.2	217	4.514	4.381	0.133
Max		4.635	4.928	0.695
Average		4.359	4.573	-0.215
Min		4.068	3.831	-0.604
Std Dev		0.111	0.175	0.215



7.9_OVP_I_Vin1p8V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

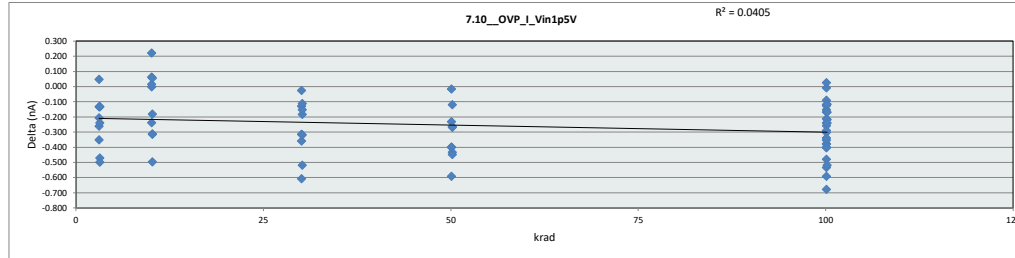
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	4.542	4.417	4.537	4.318	4.417	4.446	4.417	4.395	3.831	4.183
Average	4.735	4.607	4.618	4.543	4.545	4.684	4.567	4.485	4.558	4.445
Max	4.928	4.825	4.727	4.695	4.635	4.877	4.672	4.656	4.823	4.795
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



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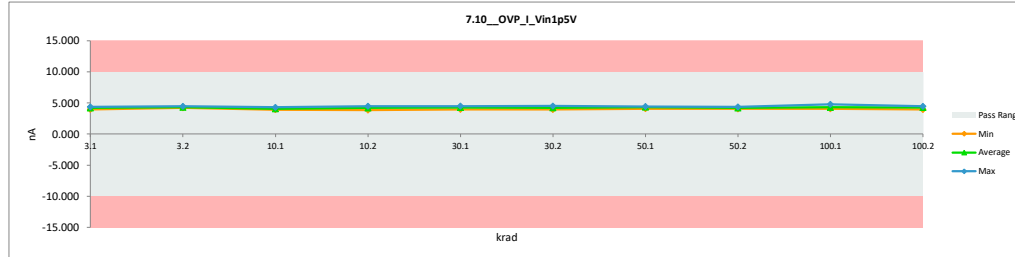
7.10_OVP_I_Vin1p5V	
Test Site	
Tester	
Test Number	
Unit	nA
Max Limit	9.9
Min Limit	-9.9

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	4.007	4.359	-0.352
3.1	3	4.019	4.225	-0.206
3.1	4	4.015	3.968	0.047
3.1	5	4.011	4.272	-0.261
3.1	6	4.014	4.147	-0.133
3.2	7	4.017	4.257	-0.240
3.2	8	4.102	4.234	-0.132
3.2	9	3.998	4.469	-0.471
3.2	10	3.895	4.394	-0.499
3.2	11	4.115	4.249	-0.134
10.1	12	4.153	4.155	-0.002
10.1	13	4.147	3.926	0.221
10.1	14	3.992	3.977	0.015
10.1	16	4.057	4.296	-0.239
10.1	17	4.040	3.978	0.062
10.2	18	3.925	4.107	-0.182
10.2	19	3.924	3.868	0.056
10.2	20	3.930	4.243	-0.313
10.2	22	3.985	4.482	-0.497
10.2	23	4.007	4.322	-0.315
30.1	24	3.998	4.313	-0.315
30.1	26	4.008	4.367	-0.359
30.1	27	4.153	4.179	-0.026
30.1	29	3.886	4.494	-0.608
30.1	32	3.850	3.979	-0.129
30.2	33	4.100	4.284	-0.184
30.2	34	3.974	4.127	-0.153
30.2	35	3.844	3.956	-0.112
30.2	36	3.943	4.262	-0.319
30.2	37	3.985	4.504	-0.519
50.1	38	4.064	4.080	-0.016
50.1	39	4.128	4.360	-0.232
50.1	41	4.033	4.432	-0.399
50.1	42	3.967	4.368	-0.401
50.1	44	3.855	4.447	-0.592
50.2	45	3.926	4.046	-0.120
50.2	46	3.842	4.106	-0.264
50.2	47	4.002	4.271	-0.269
50.2	48	3.841	4.274	-0.433
50.2	49	3.923	4.372	-0.449
100.1	50	3.786	4.163	-0.377
100.1	51	3.847	4.227	-0.380
100.1	52	3.968	4.271	-0.303
100.1	53	4.082	4.091	-0.009
100.1	55	3.947	4.100	-0.153
100.1	56	3.956	4.215	-0.259
100.1	57	3.951	4.355	-0.404
100.1	58	3.946	4.065	-0.119
100.1	59	3.837	4.429	-0.592
100.1	60	4.037	4.205	-0.168
100.1	199	4.194	4.169	0.025
100.1	200	4.066	4.466	-0.400
100.1	201	4.036	4.570	-0.534
100.1	203	4.051	4.263	-0.212
100.1	204	4.077	4.431	-0.354
100.1	205	4.041	4.282	-0.241
100.1	206	4.014	4.353	-0.339
100.1	207	4.148	4.438	-0.290
100.1	208	4.135	4.225	-0.090
100.1	209	4.085	4.212	-0.127
100.1	210	4.106	4.784	-0.678
100.1	211	3.978	4.458	-0.480
100.2	212	4.159	4.377	-0.218
100.2	213	3.929	4.448	-0.519
100.2	214	3.842	3.959	-0.117
100.2	216	4.125	4.366	-0.241
100.2	217	4.067	4.236	-0.169
Max		4.194	4.784	0.221
Average		4.001	4.258	-0.257
Min		3.786	3.868	-0.678
Std Dev		0.096	0.176	0.188



7.10_OVP_I_Vin1p5V	
Test Site	
Tester	
Test Number	
Max Limit	9.9
Min Limit	-9.9

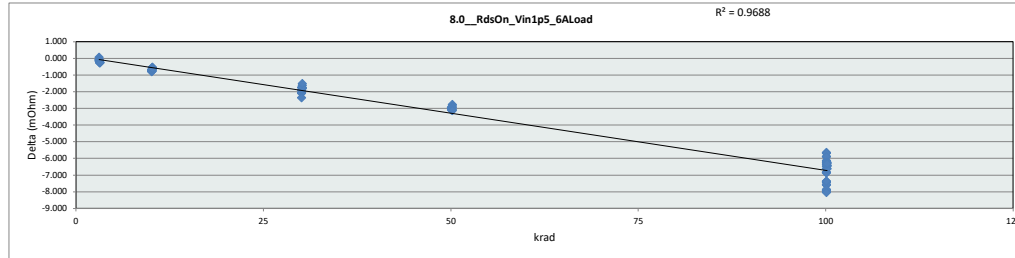
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	3.968	4.234	3.926	3.868	3.979	3.956	4.080	4.046	4.065	3.959
Average	4.194	4.321	4.066	4.204	4.266	4.227	4.337	4.214	4.308	4.277
Max	4.359	4.469	4.296	4.482	4.494	4.504	4.447	4.372	4.784	4.448
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



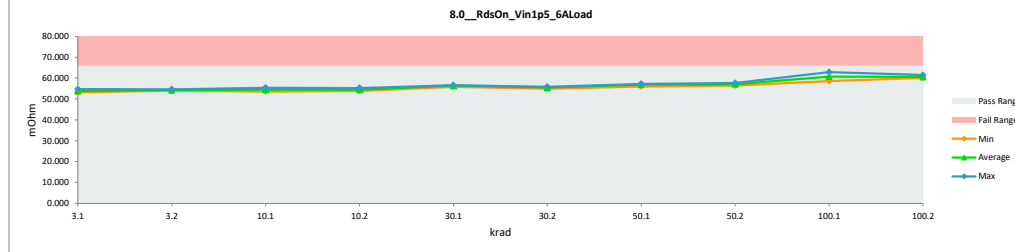
HDR TID Report
TPS7H2201-SP

8.0_RdsOn_Vin1p5_6ALoad		
Test Site		
Tester		
Test Number		
Unit	mOhm	mOhm
Max Limit	65.702	65.702
Min Limit	0	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	53.259	53.205	0.054
3.1	3	53.254	53.381	-0.127
3.1	4	54.108	54.179	-0.071
3.1	5	53.434	53.531	-0.097
3.1	6	54.534	54.709	-0.175
3.2	7	54.363	54.621	-0.258
3.2	8	53.644	53.918	-0.274
3.2	9	53.964	54.186	-0.222
3.2	10	53.879	54.131	-0.252
3.2	11	53.910	54.185	-0.275
10.1	12	53.883	54.561	-0.678
10.1	13	52.822	53.551	-0.729
10.1	14	54.532	55.340	-0.808
10.1	16	53.831	54.576	-0.745
10.1	17	53.682	54.441	-0.759
10.2	18	53.334	53.883	-0.549
10.2	19	53.968	54.626	-0.658
10.2	20	54.497	55.262	-0.765
10.2	22	53.740	54.285	-0.545
10.2	23	53.562	54.176	-0.614
30.1	24	54.425	56.477	-2.052
30.1	26	54.110	55.861	-1.751
30.1	27	54.274	56.377	-2.103
30.1	29	54.722	56.637	-1.915
30.1	32	54.063	56.434	-2.371
30.2	33	54.051	55.864	-1.813
30.2	34	53.819	55.445	-1.626
30.2	35	54.054	55.818	-1.764
30.2	36	53.549	55.320	-1.771
30.2	37	53.347	54.867	-1.520
50.1	38	53.884	56.837	-2.953
50.1	39	53.854	56.868	-3.014
50.1	41	54.008	57.107	-3.099
50.1	42	54.279	57.220	-2.941
50.1	44	53.037	56.022	-2.985
50.2	45	54.153	56.930	-2.777
50.2	46	54.751	57.609	-2.858
50.2	47	53.514	56.462	-2.948
50.2	48	53.638	56.698	-3.060
50.2	49	54.514	57.647	-3.133
100.1	50	54.157	61.611	-7.454
100.1	51	53.839	59.971	-6.132
100.1	52	54.269	60.874	-6.605
100.1	53	54.690	61.524	-6.834
100.1	55	53.024	58.904	-5.880
100.1	56	53.572	61.505	-7.933
100.1	57	54.284	61.887	-7.603
100.1	58	54.162	61.740	-7.578
100.1	59	53.432	59.656	-6.224
100.1	60	54.840	62.799	-7.959
100.1	199	54.088	60.455	-6.367
100.1	200	53.513	60.890	-7.377
100.1	201	53.660	61.524	-7.864
100.1	203	53.768	61.820	-8.052
100.1	204	53.780	59.430	-5.650
100.1	205	54.662	62.040	-7.378
100.1	206	52.887	58.577	-5.690
100.1	207	53.874	59.782	-5.908
100.1	208	53.485	59.758	-6.273
100.1	209	54.066	60.908	-6.842
100.1	210	53.780	60.262	-6.482
100.1	211	54.090	60.968	-6.878
100.2	212	53.932	60.176	-6.244
100.2	213	54.964	61.404	-6.440
100.2	214	53.694	60.157	-6.463
100.2	216	54.210	60.833	-6.623
100.2	217	53.960	60.286	-6.326
Max		54.964	62.799	0.054
Average		53.924	57.507	-3.583
Min		52.822	53.205	-8.052
Std Dev		0.469	2.917	2.819



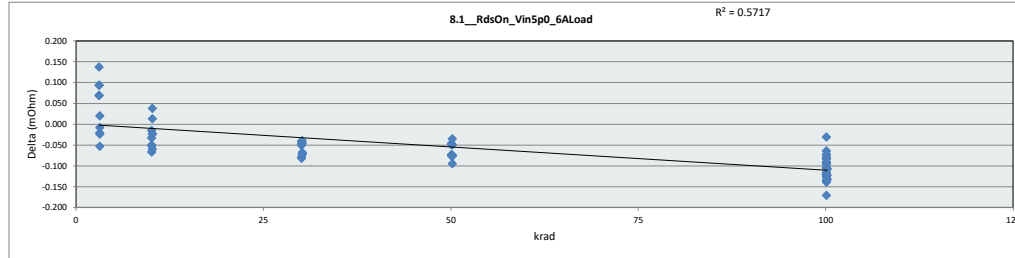
8.0_RdsOn_Vin1p5_6ALoad										
Test Site										
Tester										
Test Number										
Max Limit	65.702		mOhm							
Min Limit	0		mOhm							
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	53.205	53.918	53.551	53.883	55.861	54.867	56.022	56.462	58.577	60.157
Average	53.801	54.208	54.494	54.446	56.357	55.463	56.811	57.069	60.768	60.571
Max	54.709	54.621	55.340	55.262	56.637	55.864	57.220	57.647	62.799	61.404
UL	65.702	65.702	65.702	65.702	65.702	65.702	65.702	65.702	65.702	65.702



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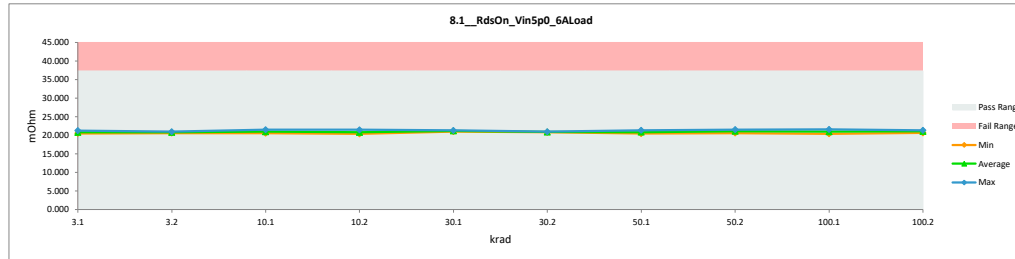
8.1_RdsOn_Vin5p0_6ALoad	
Test Site	
Tester	
Test Number	
Unit	mOhm mOhm
Max Limit	37.296 37.296
Min Limit	0 0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	20.643	20.506	0.137
3.1	3	20.700	20.607	0.093
3.1	4	20.989	20.895	0.094
3.1	5	20.812	20.743	0.069
3.1	6	21.320	21.251	0.069
3.2	7	20.918	20.898	0.020
3.2	8	20.579	20.600	-0.021
3.2	9	20.617	20.625	-0.008
3.2	10	20.831	20.855	-0.024
3.2	11	20.903	20.956	-0.053
10.1	12	20.851	20.901	-0.050
10.1	13	20.511	20.578	-0.067
10.1	14	21.451	21.484	-0.033
10.1	16	20.546	20.598	-0.052
10.1	17	21.194	21.209	-0.015
10.2	18	20.332	20.355	-0.023
10.2	19	20.687	20.711	-0.024
10.2	20	21.408	21.468	-0.060
10.2	22	20.981	20.943	0.038
10.2	23	20.442	20.429	0.013
30.1	24	21.196	21.247	-0.051
30.1	26	21.147	21.188	-0.041
30.1	27	21.198	21.245	-0.047
30.1	29	21.229	21.308	-0.079
30.1	32	20.916	20.998	-0.082
30.2	33	20.721	20.789	-0.068
30.2	34	20.876	20.948	-0.072
30.2	35	20.834	20.906	-0.072
30.2	36	20.737	20.783	-0.046
30.2	37	20.835	20.875	-0.040
50.1	38	21.109	21.157	-0.048
50.1	39	20.386	20.432	-0.046
50.1	41	20.740	20.813	-0.073
50.1	42	21.260	21.336	-0.076
50.1	44	20.506	20.555	-0.049
50.2	45	21.300	21.395	-0.095
50.2	46	21.479	21.529	-0.050
50.2	47	20.949	21.023	-0.074
50.2	48	20.508	20.585	-0.077
50.2	49	21.012	21.047	-0.035
100.1	50	20.994	21.074	-0.080
100.1	51	20.635	20.666	-0.031
100.1	52	20.980	21.071	-0.091
100.1	53	21.461	21.567	-0.106
100.1	55	20.629	20.713	-0.084
100.1	56	20.812	20.951	-0.139
100.1	57	20.778	20.894	-0.116
100.1	58	20.655	20.775	-0.120
100.1	59	20.307	20.411	-0.104
100.1	60	21.228	21.355	-0.127
100.1	199	20.940	21.014	-0.074
100.1	200	21.037	21.132	-0.095
100.1	201	20.561	20.682	-0.121
100.1	203	20.831	21.002	-0.171
100.1	204	21.215	21.336	-0.121
100.1	205	21.283	21.417	-0.134
100.1	206	20.407	20.489	-0.082
100.1	207	20.951	21.015	-0.064
100.1	208	20.542	20.663	-0.121
100.1	209	20.764	20.836	-0.072
100.1	210	20.562	20.658	-0.096
100.1	211	21.061	21.152	-0.091
100.2	212	20.910	21.017	-0.107
100.2	213	21.194	21.327	-0.133
100.2	214	20.549	20.657	-0.108
100.2	216	21.056	21.189	-0.133
100.2	217	20.987	21.110	-0.123
	Max	21.479	21.567	0.137
	Average	20.880	20.939	-0.059
	Min	20.307	20.355	-0.171
	Std Dev	0.298	0.308	0.060



8.1_RdsOn_Vin5p0_6ALoad	
Test Site	
Tester	
Test Number	
Max Limit	37.296 mOhm
Min Limit	0 mOhm

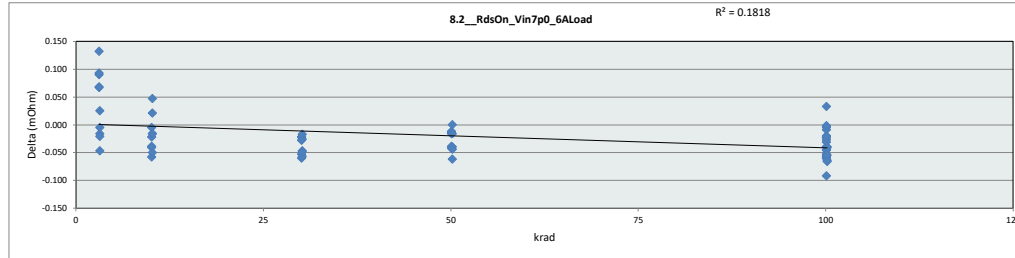
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	20.506	20.600	20.578	20.355	20.998	20.783	20.432	20.585	20.411	20.657
Average	20.800	20.787	20.954	20.781	21.197	20.860	20.859	21.116	20.949	21.060
Max	21.251	20.956	21.484	21.468	21.308	20.948	21.336	21.529	21.567	21.327
UL	37.296	37.296	37.296	37.296	37.296	37.296	37.296	37.296	37.296	37.296



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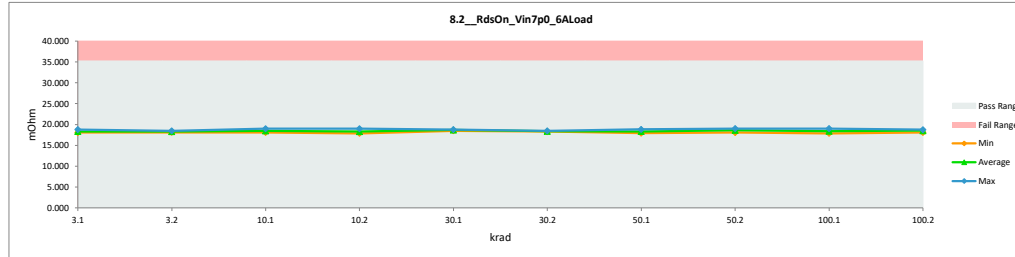
8.2_RdsOn_Vin7p0_6ALoad		
Test Site		
Tester		
Test Number		
Unit	mOhm	mOhm
Max Limit	35.234	35.234
Min Limit	0	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	18.181	18.049	0.132
3.1	3	18.233	18.143	0.090
3.1	4	18.508	18.415	0.093
3.1	5	18.350	18.283	0.067
3.1	6	18.837	18.769	0.068
3.2	7	18.431	18.406	0.025
3.2	8	18.103	18.119	-0.016
3.2	9	18.131	18.136	-0.005
3.2	10	18.350	18.371	-0.021
3.2	11	18.423	18.470	-0.047
10.1	12	18.374	18.413	-0.039
10.1	13	18.062	18.120	-0.058
10.1	14	18.978	19.000	-0.022
10.1	16	18.065	18.106	-0.041
10.1	17	18.742	18.747	-0.005
10.2	18	17.855	17.871	-0.016
10.2	19	18.199	18.215	-0.016
10.2	20	18.933	18.983	-0.050
10.2	22	18.522	18.475	0.047
10.2	23	17.961	17.940	0.021
30.1	24	18.712	18.740	-0.028
30.1	26	18.674	18.696	-0.022
30.1	27	18.720	18.742	-0.022
30.1	29	18.739	18.799	-0.060
30.1	32	18.440	18.493	-0.053
30.2	33	18.236	18.283	-0.047
30.2	34	18.405	18.462	-0.057
30.2	35	18.355	18.404	-0.049
30.2	36	18.270	18.296	-0.026
30.2	37	18.382	18.399	-0.017
50.1	38	18.645	18.659	-0.014
50.1	39	17.895	17.907	-0.012
50.1	41	18.257	18.296	-0.039
50.1	42	18.789	18.831	-0.042
50.1	44	18.052	18.068	-0.016
50.2	45	18.835	18.897	-0.062
50.2	46	18.994	19.010	-0.016
50.2	47	18.491	18.531	-0.040
50.2	48	18.028	18.072	-0.044
50.2	49	18.526	18.526	0.000
100.1	50	18.516	18.521	-0.005
100.1	51	18.152	18.119	0.033
100.1	52	18.495	18.522	-0.027
100.1	53	18.979	19.019	-0.040
100.1	55	18.179	18.202	-0.023
100.1	56	18.343	18.401	-0.058
100.1	57	18.288	18.328	-0.040
100.1	58	18.169	18.215	-0.046
100.1	59	17.830	17.870	-0.040
100.1	60	18.736	18.789	-0.053
100.1	199	18.462	18.471	-0.009
100.1	200	18.584	18.604	-0.020
100.1	201	18.083	18.128	-0.045
100.1	203	18.359	18.451	-0.092
100.1	204	18.751	18.812	-0.061
100.1	205	18.798	18.856	-0.058
100.1	206	17.953	17.976	-0.023
100.1	207	18.484	18.486	-0.002
100.1	208	18.064	18.119	-0.055
100.1	209	18.278	18.280	-0.002
100.1	210	18.077	18.108	-0.031
100.1	211	18.585	18.607	-0.022
100.2	212	18.430	18.471	-0.041
100.2	213	18.699	18.765	-0.066
100.2	214	18.067	18.107	-0.040
100.2	216	18.573	18.637	-0.064
100.2	217	18.515	18.570	-0.055
	Max	18.994	19.019	0.132
	Average	18.405	18.427	-0.022
	Min	17.830	17.870	-0.092
	Std Dev	0.297	0.303	0.041



8.2_RdsOn_Vin7p0_6ALoad		
Test Site		
Tester		
Test Number		
Max Limit	35.234	mOhm
Min Limit	0	mOhm

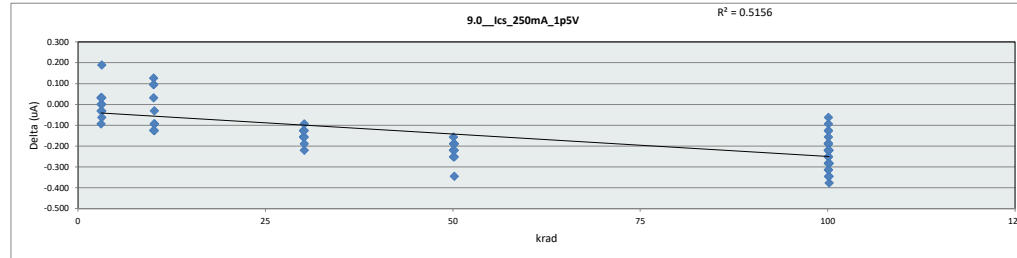
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.049	18.119	18.106	17.871	18.493	18.283	17.907	18.072	17.870	18.107
Average	18.332	18.300	18.477	18.297	18.694	18.369	18.352	18.607	18.404	18.510
Max	18.769	18.470	19.000	18.983	18.799	18.462	18.831	19.010	19.019	18.765
UL	35.234	35.234	35.234	35.234	35.234	35.234	35.234	35.234	35.234	35.234



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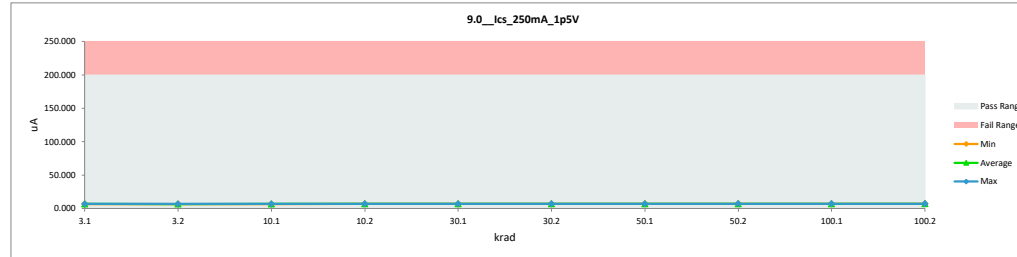
9.0_Ics_250mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	6.878	6.847	0.031
3.1	3	6.721	6.815	-0.094
3.1	4	6.721	6.721	0.000
3.1	5	6.815	6.847	-0.032
3.1	6	6.847	6.815	0.032
3.2	7	6.784	6.595	0.189
3.2	8	6.815	6.815	0.000
3.2	9	6.784	6.847	-0.063
3.2	10	6.752	6.784	-0.032
3.2	11	6.847	6.815	0.032
10.1	12	6.847	6.752	0.095
10.1	13	6.815	6.689	0.126
10.1	14	6.878	6.847	0.031
10.1	16	6.784	6.909	-0.125
10.1	17	6.847	6.752	0.095
10.2	18	6.784	6.878	-0.094
10.2	19	6.815	6.909	-0.094
10.2	20	6.784	6.878	-0.094
10.2	22	6.941	7.067	-0.126
10.2	23	6.847	6.878	-0.031
30.1	24	6.878	7.035	-0.157
30.1	26	6.815	6.972	-0.157
30.1	27	6.752	6.909	-0.157
30.1	29	6.878	7.004	-0.126
30.1	32	6.878	7.004	-0.126
30.2	33	6.784	7.004	-0.220
30.2	34	6.847	7.004	-0.157
30.2	35	6.689	6.878	-0.189
30.2	36	6.878	7.004	-0.126
30.2	37	6.784	6.878	-0.094
50.1	38	6.878	7.035	-0.157
50.1	39	6.721	6.941	-0.220
50.1	41	6.815	7.067	-0.252
50.1	42	6.815	7.004	-0.189
50.1	44	6.878	7.098	-0.220
50.2	45	6.847	7.192	-0.345
50.2	46	6.752	7.004	-0.252
50.2	47	6.878	7.067	-0.189
50.2	48	6.878	7.067	-0.189
50.2	49	6.815	7.035	-0.220
100.1	50	6.784	6.972	-0.188
100.1	51	6.815	7.035	-0.220
100.1	52	6.878	7.098	-0.220
100.1	53	6.784	7.098	-0.314
100.1	55	6.878	7.004	-0.126
100.1	56	6.815	7.004	-0.189
100.1	57	6.784	7.098	-0.314
100.1	58	6.847	7.098	-0.251
100.1	59	6.878	7.004	-0.126
100.1	60	6.815	7.161	-0.346
100.1	199	6.815	7.067	-0.252
100.1	200	6.815	6.878	-0.063
100.1	201	6.878	7.098	-0.220
100.1	203	6.878	6.972	-0.094
100.1	204	6.784	6.972	-0.188
100.1	205	6.784	7.067	-0.283
100.1	206	7.035	7.192	-0.157
100.1	207	6.752	7.035	-0.283
100.1	208	6.815	7.035	-0.220
100.1	209	6.972	7.161	-0.189
100.1	210	6.847	7.067	-0.220
100.1	211	6.752	7.004	-0.252
100.2	212	6.752	7.129	-0.377
100.2	213	6.878	7.161	-0.283
100.2	214	6.909	7.192	-0.283
100.2	216	6.847	7.192	-0.345
100.2	217	6.815	7.035	-0.220
Max		7.035	7.192	0.189
Average		6.826	6.977	-0.151
Min		6.689	6.595	-0.377
Std Dev		0.060	0.133	0.121



9.0_Ics_250mA_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	200 uA
Min Limit	0 uA

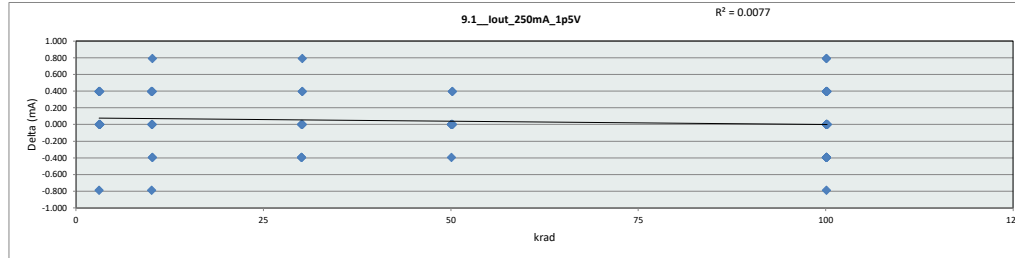
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.721	6.595	6.689	6.878	6.909	6.878	6.941	7.004	6.878	7.035
Average	6.809	6.771	6.790	6.922	6.985	6.954	7.029	7.073	7.051	7.142
Max	6.847	6.847	6.909	7.067	7.035	7.004	7.098	7.192	7.192	7.192
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
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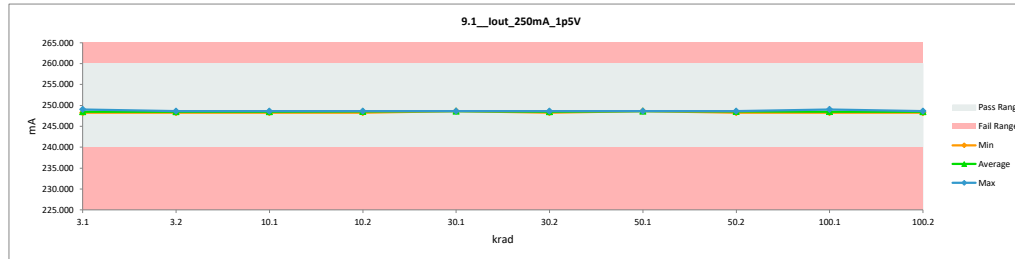
9.1 Iout_250mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	260
Min Limit	240

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	248.630	248.235	0.395
3.1	3	248.630	248.235	0.395
3.1	4	248.235	249.025	-0.790
3.1	5	248.630	248.630	0.000
3.1	6	248.630	248.235	0.395
3.2	7	248.630	248.630	0.000
3.2	8	248.630	248.235	0.395
3.2	9	248.235	248.235	0.000
3.2	10	248.630	248.630	0.000
3.2	11	248.630	248.630	0.000
10.1	12	248.630	248.235	0.395
10.1	13	248.630	248.235	0.395
10.1	14	249.025	248.630	0.395
10.1	16	248.630	248.630	0.000
10.1	17	247.840	248.630	-0.790
10.2	18	248.235	248.630	-0.395
10.2	19	248.630	248.630	0.000
10.2	20	249.025	248.235	0.790
10.2	22	249.025	248.630	0.395
10.2	23	248.235	248.630	-0.395
30.1	24	248.235	248.630	-0.395
30.1	26	248.630	248.630	0.000
30.1	27	248.630	248.630	0.000
30.1	29	248.235	248.630	-0.395
30.1	32	248.235	248.630	-0.395
30.2	33	249.025	248.630	0.395
30.2	34	248.630	248.630	0.000
30.2	35	248.630	248.235	0.395
30.2	36	248.630	248.630	0.000
30.2	37	249.025	248.235	0.790
50.1	38	248.630	248.630	0.000
50.1	39	248.235	248.630	-0.395
50.1	41	248.630	248.630	0.000
50.1	42	248.630	248.630	0.000
50.1	44	248.630	248.630	0.000
50.2	45	248.630	248.630	0.000
50.2	46	248.630	248.630	0.000
50.2	47	248.630	248.630	0.000
50.2	48	249.025	248.630	0.395
50.2	49	248.630	248.235	0.395
100.1	50	247.840	248.630	-0.790
100.1	51	248.630	248.235	0.395
100.1	52	248.235	248.630	-0.395
100.1	53	248.630	248.630	0.000
100.1	55	248.630	248.630	0.000
100.1	56	248.235	248.630	-0.395
100.1	57	248.235	248.630	-0.395
100.1	58	248.235	248.235	0.000
100.1	59	248.235	248.630	-0.395
100.1	60	249.025	248.630	0.395
100.1	199	248.235	248.630	-0.395
100.1	200	248.630	248.630	0.000
100.1	201	248.630	249.025	-0.395
100.1	203	248.630	248.630	0.000
100.1	204	248.630	248.630	0.000
100.1	205	249.025	248.235	0.790
100.1	206	248.630	248.235	0.395
100.1	207	248.630	248.630	0.000
100.1	208	248.630	248.235	0.395
100.1	209	248.235	248.630	-0.395
100.1	210	248.235	248.235	0.000
100.1	211	249.025	248.235	0.790
100.2	212	248.630	248.630	0.000
100.2	213	248.235	248.235	0.000
100.2	214	248.630	248.630	0.000
100.2	216	248.630	248.630	0.000
100.2	217	248.630	248.235	0.395
Max		249.025	249.025	0.790
Average		248.559	248.524	0.035
Min		247.840	248.235	-0.790
Std Dev		0.274	0.201	0.369



9.1 Iout_250mA_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	260
Min Limit	240

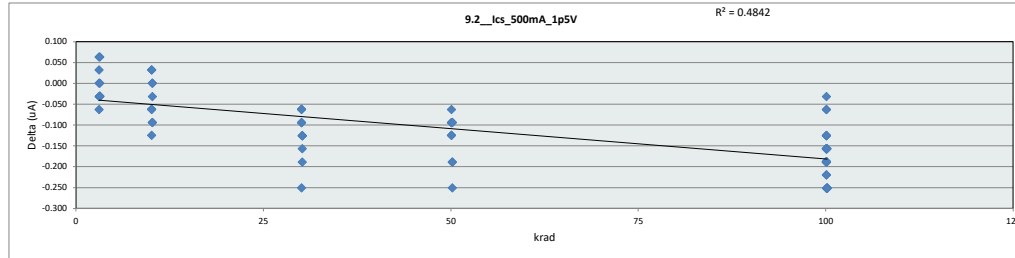
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000
Min	248.235	248.235	248.235	248.235	248.630	248.235	248.630	248.235	248.235	248.235
Average	248.472	248.472	248.472	248.551	248.630	248.472	248.630	248.551	248.522	248.472
Max	249.025	248.630	248.630	248.630	248.630	248.630	248.630	248.630	249.025	248.630
UL	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000



HDR TID Report
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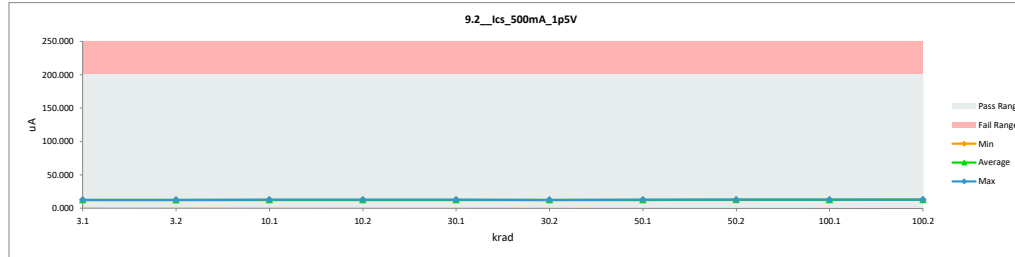
9.2_Ics_500mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	200 200
Min Limit	0 0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	12.630	12.662	-0.032
3.1	3	12.599	12.599	0.000
3.1	4	12.379	12.442	-0.063
3.1	5	12.599	12.567	0.032
3.1	6	12.630	12.567	0.063
3.2	7	12.347	12.379	-0.032
3.2	8	12.536	12.536	0.000
3.2	9	12.505	12.536	-0.031
3.2	10	12.442	12.473	-0.031
3.2	11	12.630	12.567	0.063
10.1	12	12.599	12.567	0.032
10.1	13	12.505	12.567	-0.062
10.1	14	12.787	12.850	-0.063
10.1	16	12.505	12.630	-0.125
10.1	17	12.599	12.567	0.032
10.2	18	12.693	12.725	-0.032
10.2	19	12.473	12.567	-0.094
10.2	20	12.505	12.599	-0.094
10.2	22	12.819	12.819	0.000
10.2	23	12.505	12.505	0.000
30.1	24	12.536	12.787	-0.251
30.1	26	12.473	12.536	-0.063
30.1	27	12.505	12.599	-0.094
30.1	29	12.567	12.662	-0.095
30.1	32	12.505	12.567	-0.062
30.2	33	12.536	12.662	-0.126
30.2	34	12.567	12.693	-0.126
30.2	35	12.253	12.442	-0.189
30.2	36	12.536	12.693	-0.157
30.2	37	12.536	12.662	-0.126
50.1	38	12.536	12.630	-0.094
50.1	39	12.442	12.505	-0.063
50.1	41	12.505	12.630	-0.125
50.1	42	12.567	12.662	-0.095
50.1	44	12.662	12.787	-0.125
50.2	45	12.693	12.787	-0.094
50.2	46	12.442	12.693	-0.251
50.2	47	12.725	12.819	-0.094
50.2	48	12.567	12.756	-0.189
50.2	49	12.536	12.725	-0.189
100.1	50	12.379	12.536	-0.157
100.1	51	12.567	12.630	-0.063
100.1	52	12.473	12.725	-0.252
100.1	53	12.567	12.756	-0.189
100.1	55	12.725	12.850	-0.125
100.1	56	12.567	12.693	-0.126
100.1	57	12.473	12.662	-0.189
100.1	58	12.567	12.756	-0.189
100.1	59	12.567	12.756	-0.189
100.1	60	12.662	12.850	-0.188
100.1	199	12.473	12.630	-0.157
100.1	200	12.473	12.630	-0.157
100.1	201	12.662	12.725	-0.063
100.1	203	12.662	12.850	-0.188
100.1	204	12.473	12.693	-0.220
100.1	205	12.505	12.662	-0.157
100.1	206	12.850	12.882	-0.032
100.1	207	12.536	12.662	-0.126
100.1	208	12.379	12.599	-0.220
100.1	209	12.725	12.882	-0.157
100.1	210	12.442	12.630	-0.188
100.1	211	12.567	12.725	-0.158
100.2	212	12.505	12.756	-0.251
100.2	213	12.630	12.787	-0.157
100.2	214	12.599	12.850	-0.251
100.2	216	12.567	12.819	-0.252
100.2	217	12.473	12.725	-0.252
Max		12.850	12.882	0.063
Average		12.553	12.668	-0.115
Min		12.253	12.379	-0.252
Std Dev		0.108	0.117	0.084



9.2_Ics_500mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	200 200
Min Limit	0 0

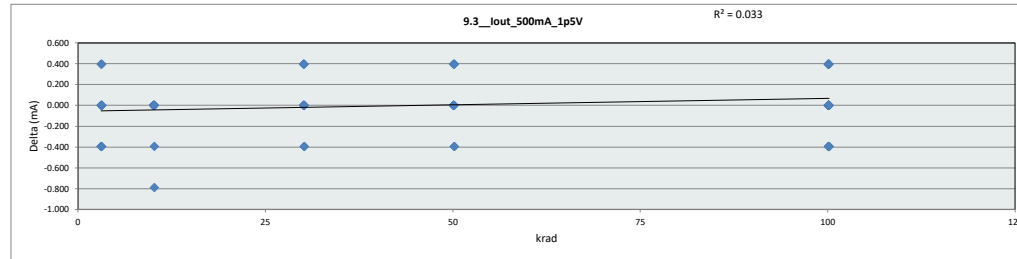
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	12.442	12.379	12.567	12.505	12.536	12.442	12.505	12.693	12.536	12.725
Average	12.567	12.498	12.636	12.643	12.630	12.630	12.643	12.756	12.717	12.787
Max	12.662	12.567	12.850	12.819	12.787	12.693	12.787	12.819	12.882	12.850
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
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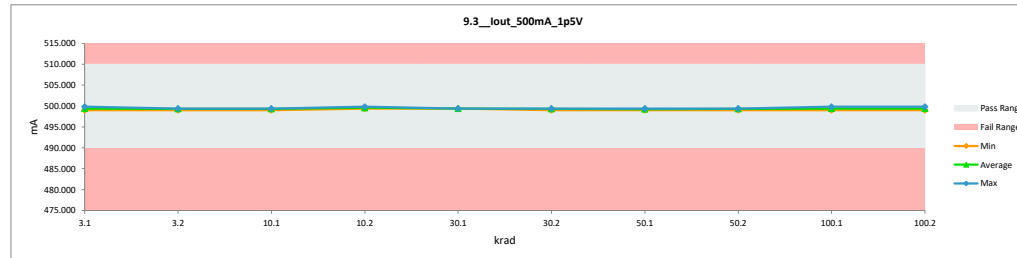
9.3 Iout_500mA_1p5V			
Test Site			
Tester			
Test Number			
Unit	mA	mA	
Max Limit	510	510	
Min Limit	490	490	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	499.432	499.432	0.000
3.1	3	499.432	499.827	-0.395
3.1	4	499.432	499.037	0.395
3.1	5	499.432	499.432	0.000
3.1	6	499.037	499.432	-0.395
3.2	7	499.037	499.037	0.000
3.2	8	499.037	499.432	-0.395
3.2	9	499.432	499.432	0.000
3.2	10	499.432	499.432	0.000
3.2	11	499.827	499.432	0.395
10.1	12	499.432	499.432	0.000
10.1	13	499.432	499.432	0.000
10.1	14	499.432	499.432	0.000
10.1	16	499.432	499.432	0.000
10.1	17	499.037	499.037	0.000
10.2	18	499.432	499.432	0.000
10.2	19	499.432	499.827	-0.395
10.2	20	499.037	499.827	-0.790
10.2	22	499.432	499.432	0.000
10.2	23	499.432	499.432	0.000
30.1	24	499.827	499.432	0.395
30.1	26	499.432	499.432	0.000
30.1	27	499.827	499.432	0.395
30.1	29	499.432	499.432	0.000
30.1	32	499.432	499.432	0.000
30.2	33	499.037	499.432	-0.395
30.2	34	499.827	499.432	0.395
30.2	35	499.432	499.432	0.000
30.2	36	499.037	499.037	0.000
30.2	37	499.037	499.432	-0.395
50.1	38	499.432	499.037	0.395
50.1	39	499.432	499.432	0.000
50.1	41	499.037	499.037	0.000
50.1	42	499.432	499.432	0.000
50.1	44	499.432	499.432	0.000
50.2	45	499.037	499.432	-0.395
50.2	46	499.432	499.037	0.395
50.2	47	499.037	499.432	-0.395
50.2	48	499.827	499.432	0.395
50.2	49	499.432	499.432	0.000
100.1	50	499.432	499.432	0.000
100.1	51	499.432	499.037	0.395
100.1	52	499.827	499.432	0.395
100.1	53	499.432	499.432	0.000
100.1	55	499.432	499.432	0.000
100.1	56	499.827	499.432	0.395
100.1	57	499.432	499.432	0.000
100.1	58	499.827	499.432	0.395
100.1	59	499.432	499.827	-0.395
100.1	60	499.432	499.432	0.000
100.1	199	499.432	499.432	0.000
100.1	200	499.432	499.432	0.000
100.1	201	499.432	499.432	0.000
100.1	203	499.827	499.432	0.395
100.1	204	499.432	499.432	0.000
100.1	205	499.037	499.432	-0.395
100.1	206	499.827	499.432	0.395
100.1	207	499.432	499.432	0.000
100.1	208	499.432	499.432	0.000
100.1	209	499.432	499.432	0.000
100.1	210	499.432	499.432	0.000
100.1	211	499.432	499.037	0.395
100.2	212	499.432	499.037	0.395
100.2	213	499.827	499.827	0.000
100.2	214	499.432	499.432	0.000
100.2	216	499.037	499.432	-0.395
100.2	217	499.037	499.432	-0.395
	Max	499.827	499.827	0.395
	Average	499.414	499.403	0.012
	Min	499.037	499.037	-0.790
	Std Dev	0.242	0.186	0.275



9.3 Iout_500mA_1p5V			
Test Site			
Tester			
Test Number			
Max Limit	510	mA	
Min Limit	490	mA	

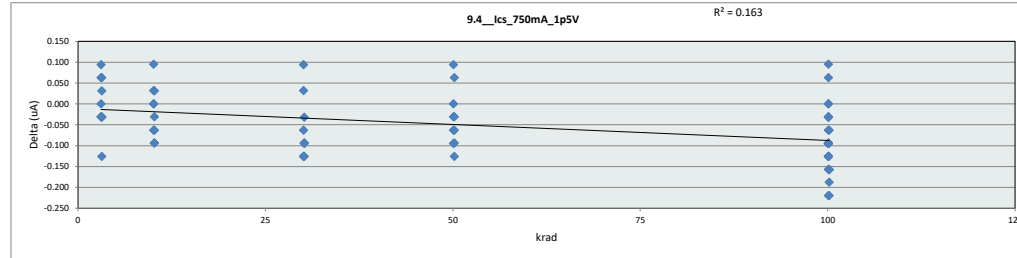
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000
Min	499.037	499.037	499.037	499.432	499.432	499.037	499.037	499.037	499.037	499.037
Average	499.432	499.353	499.353	499.590	499.432	499.353	499.274	499.353	499.414	499.432
Max	499.827	499.432	499.432	499.827	499.432	499.432	499.432	499.432	499.827	499.827
UL	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000



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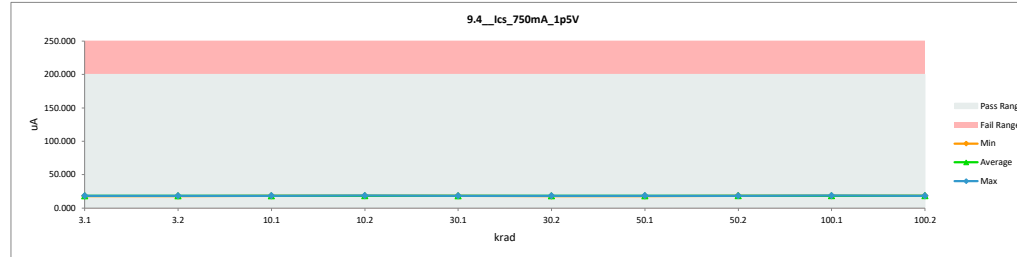
9.4_Ics_750mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	18.477	18.508	-0.031
3.1	3	18.320	18.351	-0.031
3.1	4	18.131	18.131	0.000
3.1	5	18.383	18.320	0.063
3.1	6	18.414	18.320	0.094
3.2	7	18.068	18.005	0.063
3.2	8	18.288	18.320	-0.032
3.2	9	18.225	18.194	0.031
3.2	10	18.068	18.194	-0.126
3.2	11	18.320	18.351	-0.031
10.1	12	18.383	18.288	0.095
10.1	13	18.288	18.288	0.000
10.1	14	18.571	18.571	0.000
10.1	16	18.225	18.288	-0.063
10.1	17	18.320	18.288	0.032
10.2	18	18.446	18.540	-0.094
10.2	19	18.194	18.288	-0.094
10.2	20	18.257	18.320	-0.063
10.2	22	18.603	18.634	-0.031
10.2	23	18.225	18.194	0.031
30.1	24	18.320	18.446	-0.126
30.1	26	18.131	18.194	-0.063
30.1	27	18.288	18.194	0.094
30.1	29	18.257	18.383	-0.126
30.1	32	18.257	18.225	0.032
30.2	33	18.257	18.351	-0.094
30.2	34	18.414	18.446	-0.032
30.2	35	17.911	18.037	-0.126
30.2	36	18.320	18.414	-0.094
30.2	37	18.288	18.383	-0.095
50.1	38	18.320	18.320	0.000
50.1	39	18.194	18.100	0.094
50.1	41	18.257	18.288	-0.031
50.1	42	18.225	18.288	-0.063
50.1	44	18.508	18.603	-0.095
50.2	45	18.571	18.508	0.063
50.2	46	18.225	18.351	-0.126
50.2	47	18.446	18.540	-0.094
50.2	48	18.383	18.414	-0.031
50.2	49	18.288	18.351	-0.063
100.1	50	18.068	18.163	-0.095
100.1	51	18.288	18.288	0.000
100.1	52	18.225	18.351	-0.126
100.1	53	18.288	18.383	-0.095
100.1	55	18.571	18.603	-0.032
100.1	56	18.257	18.383	-0.126
100.1	57	18.131	18.257	-0.126
100.1	58	18.351	18.446	-0.095
100.1	59	18.383	18.320	0.063
100.1	60	18.351	18.477	-0.126
100.1	199	18.194	18.288	-0.094
100.1	200	18.194	18.414	-0.220
100.1	201	18.383	18.414	-0.031
100.1	203	18.351	18.508	-0.157
100.1	204	18.257	18.288	-0.031
100.1	205	18.225	18.288	-0.063
100.1	206	18.666	18.666	0.000
100.1	207	18.320	18.225	0.095
100.1	208	18.068	18.163	-0.095
100.1	209	18.571	18.603	-0.032
100.1	210	18.194	18.288	-0.094
100.1	211	18.288	18.383	-0.095
100.2	212	18.225	18.383	-0.158
100.2	213	18.383	18.446	-0.063
100.2	214	18.257	18.477	-0.220
100.2	216	18.320	18.508	-0.188
100.2	217	18.163	18.320	-0.157
	Max	18.666	18.666	0.095
	Average	18.299	18.352	-0.053
	Min	17.911	18.005	-0.220
	Std Dev	0.141	0.140	0.077



9.4_Ics_750mA_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	200 uA
Min Limit	0 uA

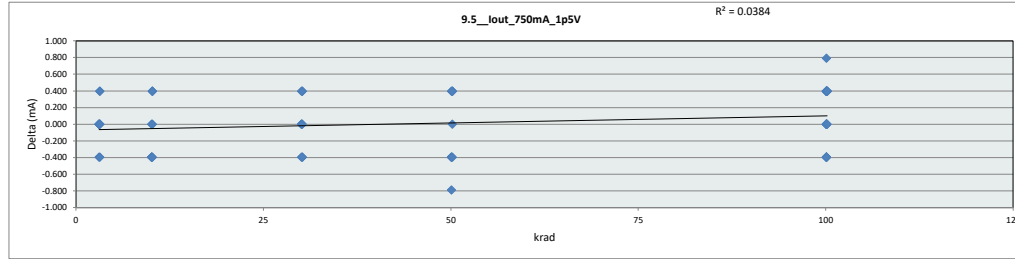
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.131	18.005	18.288	18.194	18.194	18.037	18.100	18.351	18.163	18.320
Average	18.326	18.213	18.345	18.395	18.288	18.326	18.603	18.433	18.373	18.427
Max	18.508	18.351	18.571	18.634	18.446	18.446	18.603	18.540	18.666	18.508
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
TPS7H2201-SP

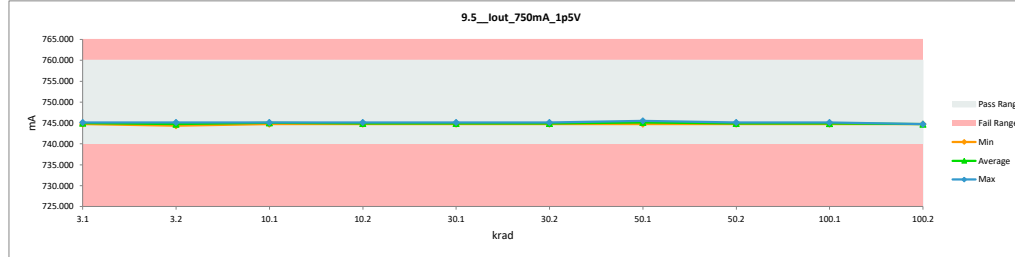
9.5_Iout_750mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	760
Min Limit	740

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	745.114	745.114	0.000
3.1	3	745.114	745.114	0.000
3.1	4	744.719	744.719	0.000
3.1	5	744.719	745.114	-0.395
3.1	6	744.719	744.719	0.000
3.2	7	745.114	745.114	0.000
3.2	8	744.719	744.719	0.000
3.2	9	745.114	744.719	0.395
3.2	10	744.324	744.719	-0.395
3.2	11	744.719	744.324	0.395
10.1	12	744.719	745.114	-0.395
10.1	13	744.719	745.114	-0.395
10.1	14	744.719	745.114	-0.395
10.1	16	744.719	744.719	0.000
10.1	17	744.719	745.114	-0.395
10.2	18	745.114	744.719	0.395
10.2	19	745.114	744.719	0.395
10.2	20	744.719	745.114	-0.395
10.2	22	745.114	744.719	0.395
10.2	23	745.114	745.114	0.000
30.1	24	744.719	745.114	-0.395
30.1	26	744.719	744.719	0.000
30.1	27	745.114	744.719	0.395
30.1	29	744.719	744.719	0.000
30.1	32	745.114	745.114	0.000
30.2	33	745.114	744.719	0.395
30.2	34	744.719	745.114	-0.395
30.2	35	744.324	744.719	-0.395
30.2	36	745.114	745.114	0.000
30.2	37	745.114	744.719	0.395
50.1	38	744.719	745.114	-0.395
50.1	39	744.719	745.114	-0.395
50.1	41	745.114	744.719	0.395
50.1	42	744.719	745.114	-0.395
50.1	44	744.719	745.509	-0.790
50.2	45	744.719	745.114	-0.395
50.2	46	745.114	744.719	0.395
50.2	47	745.114	745.114	0.000
50.2	48	745.114	744.719	0.395
50.2	49	745.114	744.719	0.395
100.1	50	745.114	744.719	0.395
100.1	51	744.719	745.114	-0.395
100.1	52	744.719	744.719	0.000
100.1	53	745.114	744.719	0.395
100.1	55	745.114	744.719	0.395
100.1	56	744.719	744.719	0.000
100.1	57	745.114	745.114	0.000
100.1	58	745.114	744.719	0.395
100.1	59	745.509	744.719	0.790
100.1	60	745.114	745.114	0.000
100.1	199	744.324	744.719	-0.395
100.1	200	744.719	744.719	0.000
100.1	201	745.114	744.719	0.395
100.1	203	744.719	745.114	-0.395
100.1	204	745.114	744.719	0.395
100.1	205	744.719	745.114	-0.395
100.1	206	744.719	745.114	-0.395
100.1	207	744.719	744.719	0.000
100.1	208	744.719	745.114	-0.395
100.1	209	745.114	744.719	0.395
100.1	210	745.114	744.719	0.395
100.1	211	745.114	745.114	0.000
100.2	212	744.719	744.719	0.000
100.2	213	745.114	744.719	0.395
100.2	214	745.114	744.719	0.395
100.2	216	745.114	744.719	0.395
100.2	217	745.114	744.719	0.395
Max		745.509	745.509	0.790
Average		744.908	744.884	0.024
Min		744.324	744.324	-0.790
Std Dev		0.242	0.219	0.350



9.5_Iout_750mA_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	760
Min Limit	740

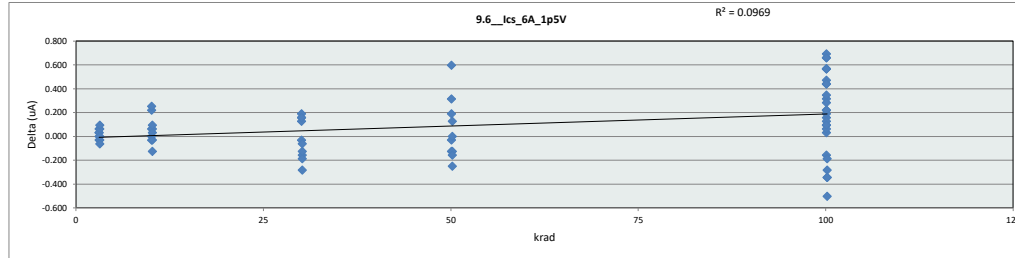
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000
Min	744.719	744.324	744.719	744.719	744.719	744.719	744.719	744.719	744.719	744.719
Average	744.956	744.719	745.035	744.877	744.877	744.877	745.114	744.877	744.863	744.719
Max	745.114	745.114	745.114	745.114	745.114	745.114	745.509	745.114	745.114	744.719
UL	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000



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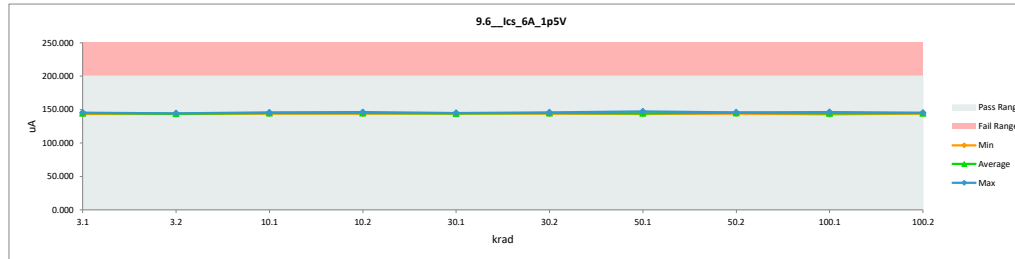
9.6_Ics_6A_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	145.375	145.406	-0.031
3.1	3	144.400	144.369	0.031
3.1	4	143.646	143.583	0.063
3.1	5	145.186	145.186	0.000
3.1	6	144.903	144.872	0.031
3.2	7	143.363	143.394	-0.031
3.2	8	144.589	144.526	0.063
3.2	9	143.803	143.709	0.094
3.2	10	144.243	144.306	-0.063
3.2	11	144.432	144.432	0.000
10.1	12	144.777	144.557	0.220
10.1	13	145.815	145.752	0.063
10.1	14	145.437	145.469	-0.032
10.1	16	144.243	143.991	0.252
10.1	17	144.714	144.714	0.000
10.2	18	144.872	144.903	-0.031
10.2	19	144.589	144.526	0.063
10.2	20	144.526	144.652	-0.126
10.2	22	146.129	146.098	0.031
10.2	23	143.960	143.866	0.094
30.1	24	145.186	145.060	0.126
30.1	26	143.929	143.740	0.189
30.1	27	144.337	144.180	0.157
30.1	29	144.149	143.991	0.158
30.1	32	144.117	144.149	-0.032
30.2	33	144.117	144.400	-0.283
30.2	34	145.375	145.532	-0.157
30.2	35	143.489	143.677	-0.188
30.2	36	145.689	145.815	-0.126
30.2	37	145.155	145.217	-0.062
50.1	38	144.243	144.054	0.189
50.1	39	144.054	143.457	0.597
50.1	41	144.117	144.243	-0.126
50.1	42	144.337	144.023	0.314
50.1	44	147.072	147.103	-0.031
50.2	45	145.752	146.003	-0.251
50.2	46	144.243	144.369	-0.126
50.2	47	145.406	145.563	-0.157
50.2	48	145.500	145.500	0.000
50.2	49	144.243	144.117	0.126
100.1	50	143.363	143.048	0.315
100.1	51	144.526	143.866	0.660
100.1	52	145.280	145.123	0.157
100.1	53	144.243	144.054	0.189
100.1	55	146.443	145.972	0.471
100.1	56	144.463	144.369	0.094
100.1	57	143.614	143.331	0.283
100.1	58	144.714	144.494	0.220
100.1	59	144.432	144.212	0.220
100.1	60	144.840	144.809	0.031
100.1	199	144.306	143.614	0.692
100.1	200	145.217	145.375	-0.158
100.1	201	145.280	144.714	0.566
100.1	203	145.406	145.280	0.126
100.1	204	144.117	144.054	0.063
100.1	205	144.086	143.991	0.095
100.1	206	147.009	146.443	0.566
100.1	207	144.274	143.614	0.660
100.1	208	143.457	143.111	0.346
100.1	209	146.255	145.689	0.566
100.1	210	144.149	143.709	0.440
100.1	211	144.369	143.929	0.440
100.2	212	143.771	144.054	-0.283
100.2	213	144.872	145.217	-0.345
100.2	214	144.526	144.714	-0.188
100.2	216	144.589	144.934	-0.345
100.2	217	143.646	144.149	-0.503
	Max	147.072	147.103	0.692
	Average	144.668	144.573	0.095
	Min	143.363	143.048	-0.503
	Std Dev	0.821	0.848	0.261



9.6_Ics_6A_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

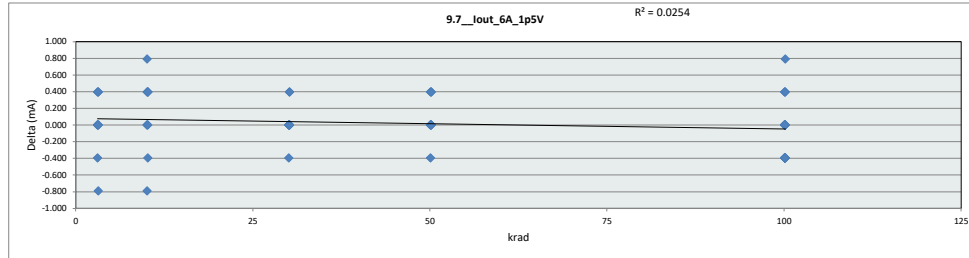
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	143.583	143.394	143.991	143.866	143.740	143.677	143.457	144.117	143.048	144.054
Average	144.683	144.073	144.897	144.809	144.224	144.928	144.576	145.110	144.400	144.614
Max	145.406	144.526	145.752	146.098	145.060	145.815	147.103	146.003	146.443	145.217
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



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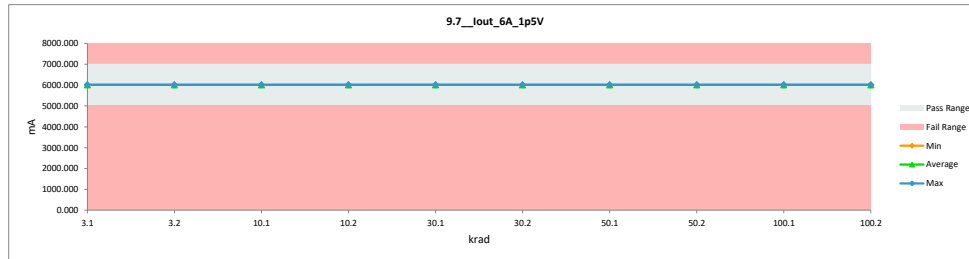
9.7_Iout_6A_1p5V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	7000
Min Limit	5000

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	6003.957	6004.352	-0.395
3.1	3	6003.957	6003.561	0.396
3.1	4	6003.957	6003.957	0.000
3.1	5	6004.352	6004.352	0.000
3.1	6	6003.957	6003.957	0.000
3.2	7	6004.352	6003.957	0.395
3.2	8	6003.957	6003.957	0.000
3.2	9	6003.957	6003.561	0.396
3.2	10	6003.957	6003.957	0.000
3.2	11	6003.561	6004.352	-0.791
10.1	12	6003.957	6003.957	0.000
10.1	13	6003.957	6003.957	0.000
10.1	14	6003.957	6003.561	0.396
10.1	16	6003.561	6004.352	-0.791
10.1	17	6004.352	6003.561	0.791
10.2	18	6003.957	6003.561	0.396
10.2	19	6004.352	6003.957	0.395
10.2	20	6003.957	6004.352	-0.395
10.2	22	6003.957	6003.957	0.000
10.2	23	6004.352	6003.957	0.395
30.1	24	6003.957	6003.957	0.000
30.1	26	6003.957	6003.957	0.000
30.1	27	6003.957	6003.957	0.000
30.1	29	6003.561	6003.957	-0.396
30.1	32	6003.957	6003.957	0.000
30.2	33	6004.352	6004.352	0.000
30.2	34	6003.957	6003.561	0.396
30.2	35	6003.957	6003.561	0.396
30.2	36	6003.957	6003.957	0.000
30.2	37	6003.957	6003.957	0.000
50.1	38	6003.957	6003.957	0.000
50.1	39	6004.352	6004.352	0.000
50.1	41	6003.957	6003.561	0.396
50.1	42	6003.957	6004.352	-0.395
50.1	44	6003.957	6003.957	0.000
50.2	45	6003.957	6003.957	0.000
50.2	46	6003.957	6003.561	0.396
50.2	47	6003.957	6003.957	0.000
50.2	48	6004.352	6003.957	0.395
50.2	49	6003.957	6003.957	0.000
100.1	50	6003.957	6003.957	0.000
100.1	51	6003.957	6003.957	0.000
100.1	52	6004.352	6003.957	0.395
100.1	53	6003.957	6003.957	0.000
100.1	55	6003.957	6003.957	0.000
100.1	56	6003.957	6003.957	0.000
100.1	57	6003.957	6003.957	0.000
100.1	58	6003.957	6003.561	0.396
100.1	59	6003.957	6003.957	0.000
100.1	60	6003.561	6003.957	-0.396
100.1	199	6003.957	6004.352	-0.395
100.1	200	6003.957	6004.352	-0.395
100.1	201	6003.957	6004.352	-0.395
100.1	203	6003.957	6003.957	0.000
100.1	204	6003.957	6003.957	0.000
100.1	205	6003.957	6003.957	0.000
100.1	206	6003.561	6003.957	-0.396
100.1	207	6003.957	6004.352	-0.395
100.1	208	6003.957	6003.957	0.000
100.1	209	6003.957	6003.957	0.000
100.1	210	6003.957	6004.352	-0.395
100.1	211	6003.957	6003.957	0.000
100.2	212	6003.957	6004.352	-0.395
100.2	213	6003.561	6003.957	-0.396
100.2	214	6004.352	6004.352	0.000
100.2	216	6004.352	6003.561	0.791
100.2	217	6003.957	6003.561	0.396
Max		6004.352	6004.352	0.791
Average		6003.986	6003.975	0.012
Min		6003.561	6003.561	-0.791
Std Dev		0.198	0.252	0.323



9.7_Iout_6A_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	7000 mA
Min Limit	5000 mA

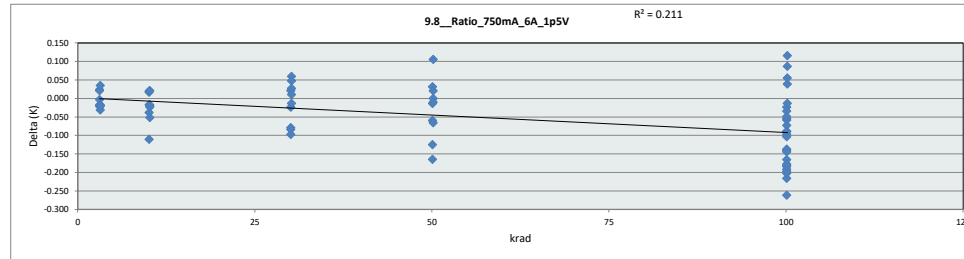
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000
Min	6003.561	6003.561	6003.561	6003.561	6003.957	6003.561	6003.561	6003.561	6003.561	6003.561
Average	6004.036	6003.957	6003.878	6003.957	6003.957	6003.878	6004.036	6003.878	6004.029	6003.957
Max	6004.352	6004.352	6004.352	6004.352	6003.957	6004.352	6004.352	6003.957	6004.352	6004.352
UL	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000



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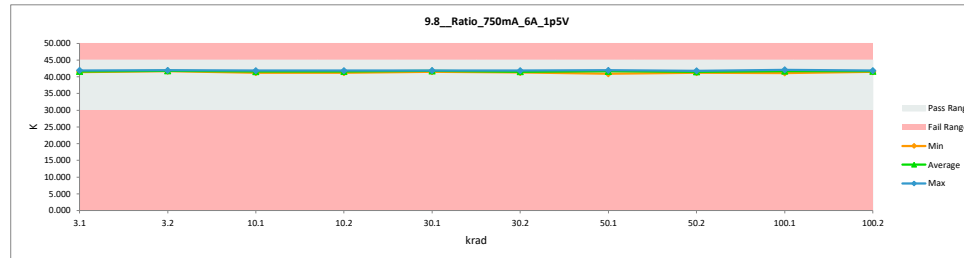
9.8_Ratio_750mA_6A_1p5V	
Test Site	
Tester	
Test Number	
Unit	K
Max Limit	45
Min Limit	30

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	41.442	41.445	-0.003
3.1	3	41.710	41.728	-0.018
3.1	4	41.901	41.922	-0.021
3.1	5	41.479	41.455	0.024
3.1	6	41.579	41.558	0.021
3.2	7	41.975	41.940	0.035
3.2	8	41.641	41.672	-0.031
3.2	9	41.877	41.898	-0.021
3.2	10	41.685	41.703	-0.018
3.2	11	41.700	41.720	-0.020
10.1	12	41.610	41.648	-0.038
10.1	13	41.240	41.258	-0.017
10.1	14	41.455	41.439	0.016
10.1	16	41.731	41.842	-0.111
10.1	17	41.613	41.593	0.020
10.2	18	41.596	41.617	-0.021
10.2	19	41.610	41.661	-0.052
10.2	20	41.651	41.630	0.021
10.2	22	41.237	41.261	-0.023
10.2	23	41.828	41.846	-0.018
30.1	24	41.455	41.534	-0.079
30.1	26	41.807	41.891	-0.084
30.1	27	41.721	41.745	-0.024
30.1	29	41.773	41.870	-0.097
30.1	32	41.783	41.762	0.021
30.2	33	41.786	41.727	0.059
30.2	34	41.424	41.377	0.047
30.2	35	41.884	41.856	0.027
30.2	36	41.288	41.278	0.010
30.2	37	41.452	41.465	-0.013
50.1	38	41.765	41.825	-0.060
50.1	39	41.789	41.954	-0.165
50.1	41	41.783	41.752	0.031
50.1	42	41.703	41.828	-0.125
50.1	44	40.908	40.922	-0.014
50.2	45	41.353	41.247	0.105
50.2	46	41.731	41.731	0.000
50.2	47	41.421	41.401	0.021
50.2	48	41.373	41.383	-0.010
50.2	49	41.752	41.818	-0.066
100.1	50	41.972	42.112	-0.140
100.1	51	41.661	41.877	-0.216
100.1	52	41.397	41.486	-0.089
100.1	53	41.752	41.849	-0.097
100.1	55	41.126	41.291	-0.165
100.1	56	41.672	41.745	-0.073
100.1	57	41.909	42.046	-0.137
100.1	58	41.617	41.721	-0.104
100.1	59	41.718	41.776	-0.058
100.1	60	41.572	41.627	-0.055
100.1	199	41.706	41.968	-0.262
100.1	200	41.404	41.427	-0.024
100.1	201	41.442	41.644	-0.202
100.1	203	41.393	41.483	-0.089
100.1	204	41.783	41.818	-0.034
100.1	205	41.786	41.835	-0.049
100.1	206	40.975	41.156	-0.181
100.1	207	41.755	41.947	-0.192
100.1	208	41.943	42.088	-0.145
100.1	209	41.187	41.383	-0.197
100.1	210	41.752	41.936	-0.184
100.1	211	41.710	41.888	-0.178
100.2	212	41.891	41.852	0.039
100.2	213	41.572	41.486	0.087
100.2	214	41.651	41.665	-0.014
100.2	216	41.651	41.596	0.055
100.2	217	41.909	41.794	0.115
Max		41.975	42.112	0.115
Average		41.618	41.667	-0.049
Min		40.908	40.922	-0.262
Std Dev		0.232	0.243	0.083



9.8_Ratio_750mA_6A_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	45
Min Limit	30

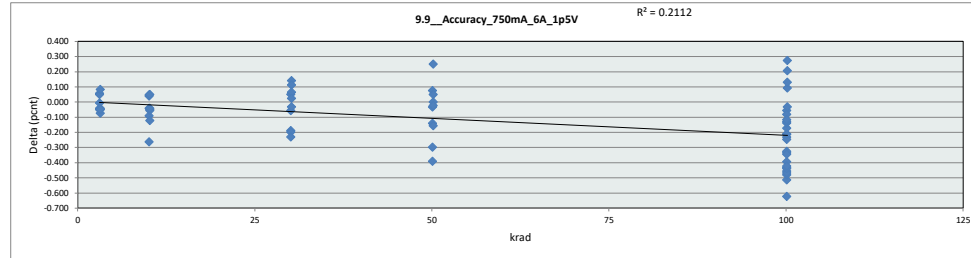
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Min	41.445	41.672	41.258	41.261	41.534	41.278	40.922	41.247	41.156	41.486
Average	41.622	41.787	41.556	41.603	41.760	41.541	41.656	41.516	41.732	41.678
Max	41.922	41.940	41.842	41.846	41.891	41.856	41.954	41.818	42.112	41.852
UL	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000



HDR TID Report
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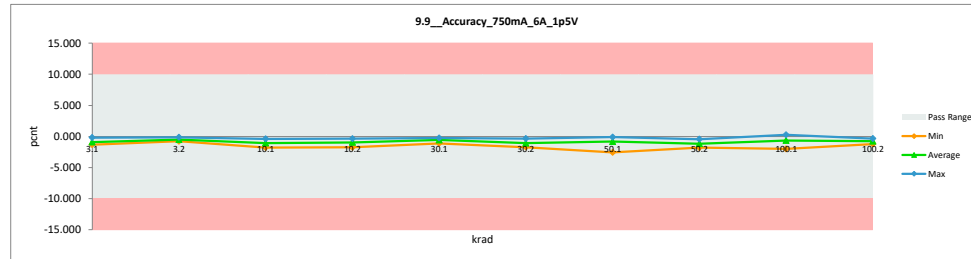
9.9_Accuracy_750mA_6A_1p5			
Test Site			
Tester			
Test Number			
Unit	pcnt	pcnt	
Max Limit	9.9	9.9	
Min Limit	-9.9	-9.9	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	-1.329	-1.322	-0.007
3.1	3	-0.690	-0.648	-0.042
3.1	4	-0.235	-0.185	-0.050
3.1	5	-1.241	-1.298	0.057
3.1	6	-1.003	-1.052	0.049
3.2	7	-0.059	-0.142	0.083
3.2	8	-0.855	-0.781	-0.074
3.2	9	-0.292	-0.242	-0.050
3.2	10	-0.749	-0.707	-0.042
3.2	11	-0.715	-0.667	-0.048
10.1	12	-0.929	-0.838	-0.091
10.1	13	-1.809	-1.767	-0.042
10.1	14	-1.298	-1.337	0.039
10.1	16	-0.640	-0.377	-0.263
10.1	17	-0.922	-0.969	0.047
10.2	18	-0.961	-0.912	-0.049
10.2	19	-0.929	-0.806	-0.123
10.2	20	-0.831	-0.880	0.049
10.2	22	-1.816	-1.760	-0.056
10.2	23	-0.409	-0.367	-0.042
30.1	24	-1.298	-1.109	-0.189
30.1	26	-0.459	-0.260	-0.199
30.1	27	-0.665	-0.608	-0.057
30.1	29	-0.541	-0.310	-0.231
30.1	32	-0.516	-0.566	0.050
30.2	33	-0.509	-0.650	0.141
30.2	34	-1.371	-1.483	0.112
30.2	35	-0.277	-0.342	0.065
30.2	36	-1.695	-1.719	0.024
30.2	37	-1.305	-1.273	-0.032
50.1	38	-0.558	-0.417	-0.141
50.1	39	-0.501	-0.110	-0.391
50.1	41	-0.516	-0.591	0.075
50.1	42	-0.707	-0.409	-0.298
50.1	44	-2.601	-2.568	-0.033
50.2	45	-1.542	-1.792	0.250
50.2	46	-0.640	-0.640	0.000
50.2	47	-1.378	-1.427	0.049
50.2	48	-1.493	-1.469	-0.024
50.2	49	-0.591	-0.434	-0.157
100.1	50	-0.067	0.268	-0.335
100.1	51	-0.806	-0.292	-0.514
100.1	52	-1.437	-1.224	-0.213
100.1	53	-0.591	-0.359	-0.232
100.1	55	-2.081	-1.687	-0.394
100.1	56	-0.781	-0.608	-0.173
100.1	57	-0.217	0.109	-0.326
100.1	58	-0.912	-0.665	-0.247
100.1	59	-0.673	-0.534	-0.139
100.1	60	-1.018	-0.888	-0.130
100.1	199	-0.700	-0.077	-0.623
100.1	200	-1.420	-1.364	-0.056
100.1	201	-1.329	-0.848	-0.481
100.1	203	-1.444	-1.232	-0.212
100.1	204	-0.516	-0.434	-0.082
100.1	205	-0.509	-0.392	-0.117
100.1	206	-2.441	-2.009	-0.432
100.1	207	-0.583	-0.127	-0.456
100.1	208	-0.135	0.210	-0.345
100.1	209	-1.937	-1.469	-0.468
100.1	210	-0.591	-0.152	-0.439
100.1	211	-0.690	-0.267	-0.423
100.2	212	-0.260	-0.352	0.092
100.2	213	-1.018	-1.224	0.206
100.2	214	-0.831	-0.799	-0.032
100.2	216	-0.831	-0.961	0.130
100.2	217	-0.217	-0.491	0.274
Max		-0.059	0.268	0.274
Average		-0.909	-0.793	-0.117
Min		-2.601	-2.568	-0.623
Std Dev		0.552	0.580	0.197



9.9_Accuracy_750mA_6A_1p			
Test Site			
Tester			
Test Number			
Max Limit	9.9	pcnt	
Min Limit	-9.9	pcnt	

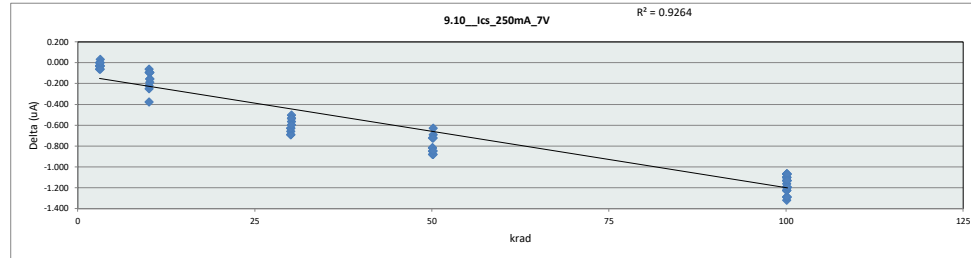
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	-1.322	-0.781	-1.767	-1.760	-1.109	-1.719	-2.568	-1.792	-2.009	-1.224
Average	-0.901	-0.508	-1.058	-0.945	-0.571	-1.093	-0.819	-1.152	-0.638	-0.765
Max	-0.185	-0.142	-0.377	-0.367	-0.260	-0.342	-0.110	-0.434	0.268	-0.352
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



HDR TID Report
TPS7H2201-SP

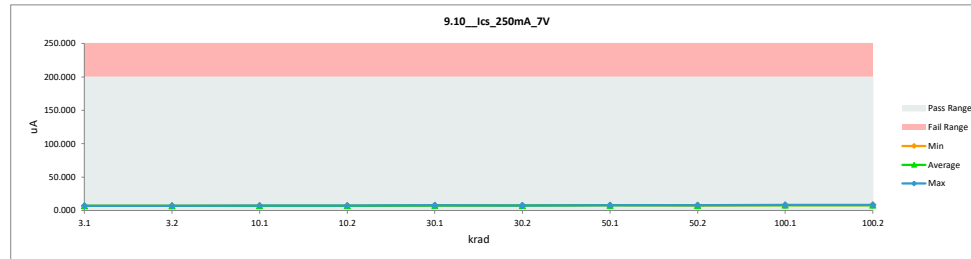
9.10_Ics_250mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	6.972	7.004	-0.032
3.1	3	6.972	7.004	-0.032
3.1	4	6.847	6.909	-0.062
3.1	5	7.004	7.004	0.000
3.1	6	7.067	7.098	-0.031
3.2	7	6.941	6.972	-0.031
3.2	8	7.035	7.067	-0.032
3.2	9	7.035	7.004	0.031
3.2	10	6.909	6.972	-0.063
3.2	11	7.067	7.067	0.000
10.1	12	6.972	7.035	-0.063
10.1	13	6.878	6.972	-0.094
10.1	14	7.067	7.318	-0.251
10.1	16	7.067	7.287	-0.220
10.1	17	6.878	7.255	-0.377
10.2	18	7.098	7.287	-0.189
10.2	19	7.004	7.098	-0.094
10.2	20	7.004	7.098	-0.094
10.2	22	7.067	7.224	-0.157
10.2	23	7.035	7.192	-0.157
30.1	24	7.067	7.727	-0.660
30.1	26	6.878	7.570	-0.692
30.1	27	6.972	7.664	-0.692
30.1	29	6.941	7.570	-0.629
30.1	32	7.098	7.727	-0.629
30.2	33	7.035	7.570	-0.535
30.2	34	7.004	7.507	-0.503
30.2	35	6.784	7.349	-0.565
30.2	36	7.067	7.601	-0.534
30.2	37	6.815	7.412	-0.597
50.1	38	6.941	7.758	-0.817
50.1	39	6.878	7.727	-0.849
50.1	41	7.098	7.821	-0.723
50.1	42	6.941	7.758	-0.817
50.1	44	6.909	7.790	-0.881
50.2	45	6.941	7.821	-0.880
50.2	46	6.847	7.695	-0.848
50.2	47	6.878	7.570	-0.692
50.2	48	7.004	7.727	-0.723
50.2	49	7.129	7.758	-0.629
100.1	50	6.878	7.978	-1.100
100.1	51	7.098	8.167	-1.069
100.1	52	7.098	8.198	-1.100
100.1	53	6.847	8.135	-1.288
100.1	55	6.972	8.135	-1.163
100.1	56	6.847	8.167	-1.320
100.1	57	7.004	8.230	-1.226
100.1	58	7.004	8.198	-1.194
100.1	59	6.909	8.104	-1.195
100.1	60	7.035	8.104	-1.069
100.1	199	7.004	8.104	-1.100
100.1	200	6.878	7.978	-1.100
100.1	201	7.035	8.167	-1.132
100.1	203	7.004	8.104	-1.100
100.1	204	6.941	8.072	-1.131
100.1	205	6.909	7.978	-1.069
100.1	206	7.035	8.104	-1.069
100.1	207	6.909	8.041	-1.132
100.1	208	6.721	8.010	-1.289
100.1	209	7.098	8.324	-1.226
100.1	210	6.909	8.104	-1.195
100.1	211	6.972	8.198	-1.226
100.2	212	6.909	8.104	-1.195
100.2	213	7.035	8.104	-1.069
100.2	214	7.098	8.230	-1.132
100.2	216	6.972	8.261	-1.289
100.2	217	6.909	8.104	-1.195
Max		7.129	8.324	0.031
Average		6.973	7.677	-0.705
Min		6.721	6.909	-1.320
Std Dev		0.089	0.445	0.455



9.10_Ics_250mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

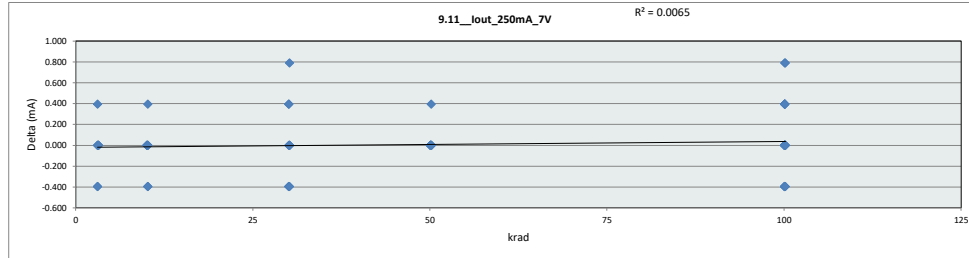
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	6.909	6.972	6.972	7.098	7.570	7.349	7.727	7.570	7.978	8.104
Average	7.004	7.016	7.173	7.180	7.652	7.488	7.771	7.714	8.118	8.161
Max	7.098	7.067	7.318	7.287	7.727	7.601	7.821	7.821	8.324	8.261
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



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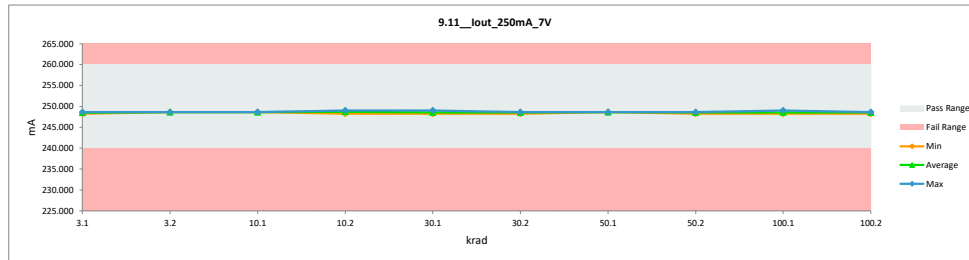
9.11 Iout_250mA_7V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	260
Min Limit	240

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	248.235	248.235	0.000
3.1	3	248.235	248.630	-0.395
3.1	4	248.630	248.630	0.000
3.1	5	248.630	248.235	0.395
3.1	6	248.235	248.630	-0.395
3.2	7	248.630	248.630	0.000
3.2	8	248.630	248.630	0.000
3.2	9	248.630	248.630	0.000
3.2	10	248.630	248.630	0.000
3.2	11	248.630	248.630	0.000
10.1	12	248.630	248.630	0.000
10.1	13	248.630	248.630	0.000
10.1	14	248.630	248.630	0.000
10.1	16	248.630	248.630	0.000
10.1	17	248.630	248.630	0.000
10.2	18	248.630	249.025	-0.395
10.2	19	248.630	249.025	-0.395
10.2	20	248.630	248.235	0.395
10.2	22	248.630	248.630	0.000
10.2	23	248.630	248.630	0.000
30.1	24	248.630	248.235	0.395
30.1	26	248.235	248.630	-0.395
30.1	27	248.630	248.630	0.000
30.1	29	248.630	248.235	0.395
30.1	32	248.630	249.025	-0.395
30.2	33	248.630	248.630	0.000
30.2	34	249.025	248.235	0.790
30.2	35	248.630	248.630	0.000
30.2	36	248.235	248.630	-0.395
30.2	37	248.630	248.630	0.000
50.1	38	248.630	248.630	0.000
50.1	39	248.630	248.630	0.000
50.1	41	248.630	248.630	0.000
50.1	42	248.630	248.630	0.000
50.1	44	248.630	248.630	0.000
50.2	45	248.630	248.630	0.000
50.2	46	248.235	248.235	0.000
50.2	47	249.025	248.630	0.395
50.2	48	248.630	248.630	0.000
50.2	49	248.630	248.630	0.000
100.1	50	248.630	248.630	0.000
100.1	51	248.630	248.235	0.395
100.1	52	249.025	248.630	0.395
100.1	53	248.630	248.630	0.000
100.1	55	248.630	248.630	0.000
100.1	56	249.025	248.235	0.790
100.1	57	248.630	248.630	0.000
100.1	58	248.630	248.235	0.395
100.1	59	248.630	248.630	0.000
100.1	60	248.630	248.630	0.000
100.1	199	248.235	248.630	-0.395
100.1	200	249.025	249.025	0.000
100.1	201	248.235	248.630	-0.395
100.1	203	248.235	248.630	-0.395
100.1	204	248.630	248.235	0.395
100.1	205	248.630	248.630	0.000
100.1	206	248.235	248.630	-0.395
100.1	207	248.630	248.630	0.000
100.1	208	249.025	248.630	0.395
100.1	209	248.235	248.630	-0.395
100.1	210	248.235	248.630	-0.395
100.1	211	248.630	248.630	0.000
100.2	212	248.235	248.630	-0.395
100.2	213	249.025	248.235	0.790
100.2	214	248.630	248.630	0.000
100.2	216	248.630	248.630	0.000
100.2	217	248.630	248.630	0.000
Max		249.025	249.025	0.790
Average		248.595	248.583	0.012
Min		248.235	248.235	-0.395
Std Dev		0.214	0.189	0.291



9.11 Iout_250mA_7V	
Test Site	
Tester	
Test Number	
Max Limit	260
Min Limit	240

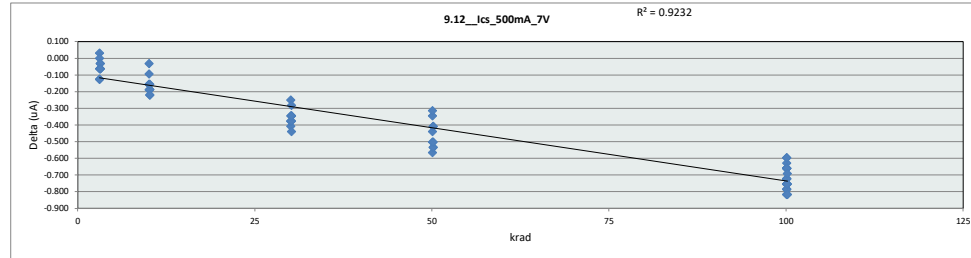
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000	240.000
Min	248.235	248.630	248.630	248.235	248.235	248.235	248.630	248.235	248.235	248.235
Average	248.472	248.630	248.630	248.709	248.551	248.551	248.630	248.551	248.576	248.551
Max	248.630	248.630	248.630	249.025	249.025	248.630	248.630	248.630	249.025	248.630
UL	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000	260.000



HDR TID Report
TPS7H2201-SP

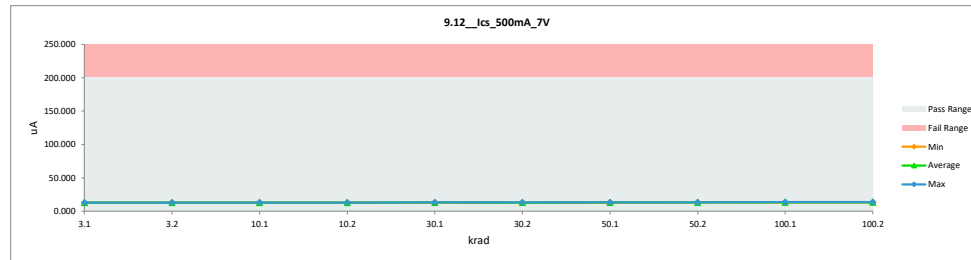
9.12_Ics_500mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	12.756	12.882	-0.126
3.1	3	12.787	12.756	0.031
3.1	4	12.567	12.693	-0.126
3.1	5	12.693	12.756	-0.063
3.1	6	12.850	12.850	0.000
3.2	7	12.693	12.756	-0.063
3.2	8	12.850	12.882	-0.032
3.2	9	12.819	12.850	-0.031
3.2	10	12.693	12.756	-0.063
3.2	11	12.819	12.882	-0.063
10.1	12	12.787	12.819	-0.032
10.1	13	12.599	12.756	-0.157
10.1	14	12.945	13.102	-0.157
10.1	16	12.787	12.976	-0.189
10.1	17	12.693	12.787	-0.094
10.2	18	12.787	13.008	-0.221
10.2	19	12.725	12.913	-0.188
10.2	20	12.662	12.850	-0.188
10.2	22	12.913	13.070	-0.157
10.2	23	12.725	12.945	-0.220
30.1	24	12.882	13.290	-0.408
30.1	26	12.693	13.070	-0.377
30.1	27	12.787	13.165	-0.378
30.1	29	12.819	13.165	-0.346
30.1	32	12.819	13.070	-0.251
30.2	33	12.756	13.102	-0.346
30.2	34	12.756	13.133	-0.377
30.2	35	12.442	12.882	-0.440
30.2	36	12.882	13.228	-0.346
30.2	37	12.725	13.008	-0.283
50.1	38	12.725	13.228	-0.503
50.1	39	12.693	13.039	-0.346
50.1	41	12.693	13.259	-0.566
50.1	42	12.693	13.133	-0.440
50.1	44	12.787	13.102	-0.315
50.2	45	12.819	13.228	-0.409
50.2	46	12.662	13.196	-0.534
50.2	47	12.819	13.228	-0.409
50.2	48	12.787	13.322	-0.535
50.2	49	12.819	13.322	-0.503
100.1	50	12.693	13.353	-0.660
100.1	51	12.787	13.448	-0.661
100.1	52	12.725	13.479	-0.754
100.1	53	12.693	13.448	-0.755
100.1	55	12.787	13.542	-0.755
100.1	56	12.662	13.479	-0.817
100.1	57	12.725	13.510	-0.785
100.1	58	12.819	13.448	-0.629
100.1	59	12.725	13.322	-0.597
100.1	60	12.787	13.510	-0.723
100.1	199	12.756	13.479	-0.723
100.1	200	12.662	13.416	-0.754
100.1	201	12.850	13.510	-0.660
100.1	203	12.756	13.479	-0.723
100.1	204	12.599	13.385	-0.786
100.1	205	12.599	13.322	-0.723
100.1	206	13.008	13.605	-0.597
100.1	207	12.725	13.385	-0.660
100.1	208	12.599	13.259	-0.660
100.1	209	12.819	13.636	-0.817
100.1	210	12.693	13.353	-0.660
100.1	211	12.725	13.510	-0.785
100.2	212	12.662	13.416	-0.754
100.2	213	12.850	13.605	-0.755
100.2	214	12.756	13.573	-0.817
100.2	216	12.756	13.573	-0.817
100.2	217	12.630	13.322	-0.692
Max		13.008	13.636	0.031
Average		12.747	13.191	-0.444
Min		12.442	12.693	-0.817
Std Dev		0.093	0.270	0.269



9.12_Ics_500mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

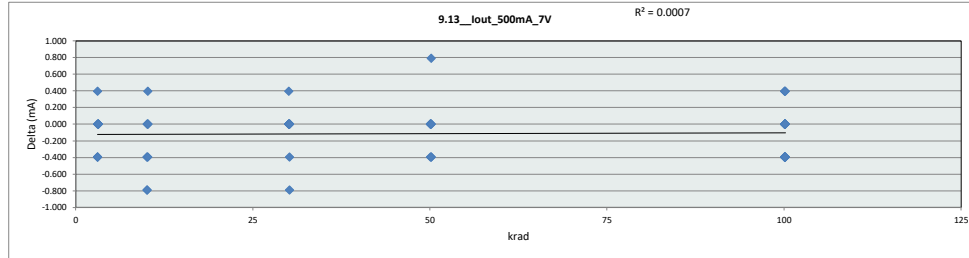
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	12.693	12.756	12.756	12.850	13.070	12.882	13.039	13.196	13.259	13.322
Average	12.787	12.825	12.888	12.957	13.152	13.071	13.152	13.259	13.449	13.498
Max	12.882	12.882	13.102	13.070	13.290	13.228	13.259	13.322	13.636	13.605
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
TPS7H2201-SP

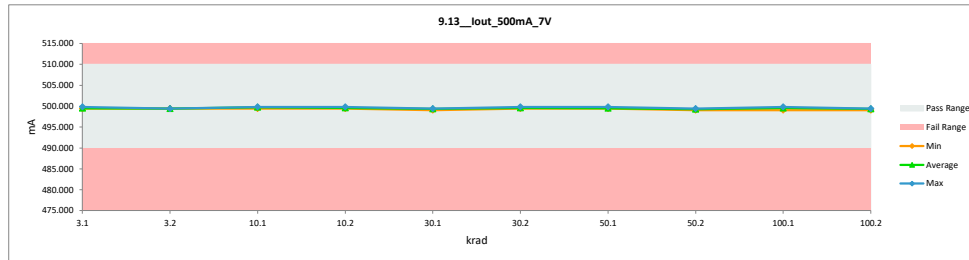
9.13 Iout_500mA_7V		
Test Site		
Tester		
Test Number		
Unit	mA	mA
Max Limit	510	510
Min Limit	490	490

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	499.827	499.432	0.395
3.1	3	499.432	499.432	0.000
3.1	4	499.037	499.432	-0.395
3.1	5	499.432	499.827	-0.395
3.1	6	499.037	499.432	-0.395
3.2	7	499.432	499.432	0.000
3.2	8	499.432	499.432	0.000
3.2	9	499.432	499.432	0.000
3.2	10	499.432	499.432	0.000
3.2	11	499.432	499.432	0.000
10.1	12	499.432	499.827	-0.395
10.1	13	499.037	499.827	-0.790
10.1	14	499.432	499.432	0.000
10.1	16	499.432	499.827	-0.395
10.1	17	499.037	499.827	-0.790
10.2	18	499.827	499.827	0.000
10.2	19	499.432	499.432	0.000
10.2	20	499.827	499.432	0.395
10.2	22	499.432	499.432	0.000
10.2	23	499.432	499.827	-0.395
30.1	24	499.432	499.037	0.395
30.1	26	499.432	499.432	0.000
30.1	27	499.432	499.432	0.000
30.1	29	499.432	499.432	0.000
30.1	32	499.432	499.432	0.000
30.2	33	499.037	499.827	-0.790
30.2	34	499.432	499.432	0.000
30.2	35	499.432	499.432	0.000
30.2	36	499.432	499.827	-0.395
30.2	37	499.432	499.432	0.000
50.1	38	499.432	499.432	0.000
50.1	39	499.432	499.432	0.000
50.1	41	499.432	499.827	-0.395
50.1	42	499.432	499.432	0.000
50.1	44	499.432	499.432	0.000
50.2	45	499.037	499.432	-0.395
50.2	46	499.827	499.037	0.790
50.2	47	499.432	499.432	0.000
50.2	48	499.037	499.432	-0.395
50.2	49	499.037	499.037	0.000
100.1	50	499.432	499.827	-0.395
100.1	51	499.432	499.432	0.000
100.1	52	499.432	499.432	0.000
100.1	53	499.432	499.827	-0.395
100.1	55	499.432	499.432	0.000
100.1	56	499.432	499.827	-0.395
100.1	57	499.432	499.827	-0.395
100.1	58	499.432	499.432	0.000
100.1	59	499.827	499.432	0.395
100.1	60	499.432	499.827	-0.395
100.1	199	499.432	499.432	0.000
100.1	200	499.432	499.432	0.000
100.1	201	499.432	499.432	0.000
100.1	203	499.037	499.432	-0.395
100.1	204	499.432	499.432	0.000
100.1	205	499.432	499.827	-0.395
100.1	206	499.432	499.827	-0.395
100.1	207	499.432	499.432	0.000
100.1	208	499.432	499.432	0.000
100.1	209	499.432	499.037	0.395
100.1	210	499.432	499.432	0.000
100.1	211	499.432	499.827	-0.395
100.2	212	499.037	499.432	-0.395
100.2	213	499.432	499.432	0.000
100.2	214	499.037	499.432	-0.395
100.2	216	499.432	499.037	0.395
100.2	217	499.432	499.432	0.000
Max		499.827	499.827	0.790
Average		499.397	499.509	-0.112
Min		499.037	499.037	-0.790
Std Dev		0.191	0.220	0.298



9.13 Iout_500mA_7V		
Test Site		
Tester		
Test Number		
Max Limit	510	mA
Min Limit	490	mA

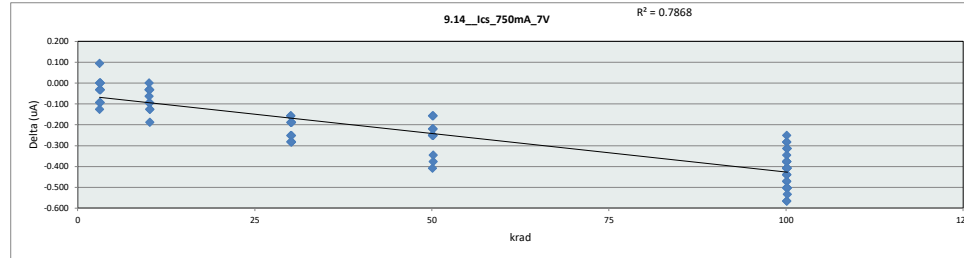
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000	490.000
Min	499.432	499.432	499.432	499.432	499.037	499.432	499.432	499.037	499.037	499.037
Average	499.511	499.432	499.748	499.590	499.353	499.590	499.511	499.274	499.558	499.353
Max	499.827	499.432	499.827	499.827	499.432	499.827	499.827	499.432	499.827	499.432
UL	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000	510.000



HDR TID Report
TPS7H2201-SP

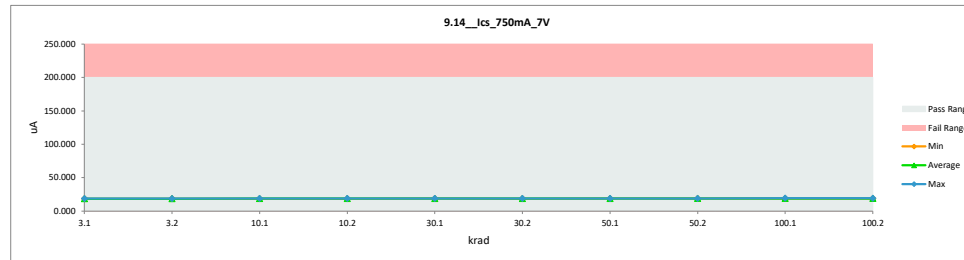
9.14_Ics_750mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	18.571	18.697	-0.126
3.1	3	18.571	18.477	0.094
3.1	4	18.351	18.383	-0.032
3.1	5	18.477	18.571	-0.094
3.1	6	18.634	18.634	0.000
3.2	7	18.414	18.446	-0.032
3.2	8	18.571	18.603	-0.032
3.2	9	18.540	18.540	0.000
3.2	10	18.446	18.540	-0.094
3.2	11	18.571	18.571	0.000
10.1	12	18.540	18.540	0.000
10.1	13	18.414	18.446	-0.032
10.1	14	18.791	18.823	-0.032
10.1	16	18.571	18.666	-0.095
10.1	17	18.477	18.540	-0.063
10.2	18	18.603	18.791	-0.188
10.2	19	18.508	18.603	-0.095
10.2	20	18.414	18.540	-0.126
10.2	22	18.791	18.823	-0.032
10.2	23	18.477	18.603	-0.126
30.1	24	18.666	18.948	-0.282
30.1	26	18.351	18.603	-0.252
30.1	27	18.571	18.760	-0.189
30.1	29	18.603	18.760	-0.157
30.1	32	18.603	18.760	-0.157
30.2	33	18.446	18.728	-0.282
30.2	34	18.508	18.760	-0.252
30.2	35	18.131	18.414	-0.283
30.2	36	18.666	18.854	-0.188
30.2	37	18.508	18.697	-0.189
50.1	38	18.477	18.728	-0.251
50.1	39	18.383	18.603	-0.220
50.1	41	18.414	18.823	-0.409
50.1	42	18.446	18.697	-0.251
50.1	44	18.697	18.854	-0.157
50.2	45	18.571	18.823	-0.252
50.2	46	18.477	18.697	-0.220
50.2	47	18.666	18.823	-0.157
50.2	48	18.603	18.980	-0.377
50.2	49	18.571	18.917	-0.346
100.1	50	18.288	18.697	-0.409
100.1	51	18.634	18.948	-0.314
100.1	52	18.571	18.948	-0.377
100.1	53	18.540	18.886	-0.346
100.1	55	18.666	19.074	-0.408
100.1	56	18.414	18.980	-0.566
100.1	57	18.477	18.917	-0.440
100.1	58	18.540	18.917	-0.377
100.1	59	18.446	18.823	-0.377
100.1	60	18.634	19.074	-0.440
100.1	199	18.571	18.854	-0.283
100.1	200	18.414	18.917	-0.503
100.1	201	18.697	18.948	-0.251
100.1	203	18.477	19.043	-0.566
100.1	204	18.477	18.886	-0.409
100.1	205	18.351	18.760	-0.409
100.1	206	18.886	19.169	-0.283
100.1	207	18.477	18.854	-0.377
100.1	208	18.225	18.697	-0.472
100.1	209	18.760	19.231	-0.471
100.1	210	18.383	18.823	-0.440
100.1	211	18.446	18.948	-0.502
100.2	212	18.351	18.854	-0.503
100.2	213	18.603	19.106	-0.503
100.2	214	18.603	19.011	-0.408
100.2	216	18.477	19.011	-0.534
100.2	217	18.383	18.697	-0.314
	Max	18.886	19.231	0.094
	Average	18.521	18.778	-0.258
	Min	18.131	18.383	-0.566
	Std Dev	0.133	0.191	0.169



9.14_Ics_750mA_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

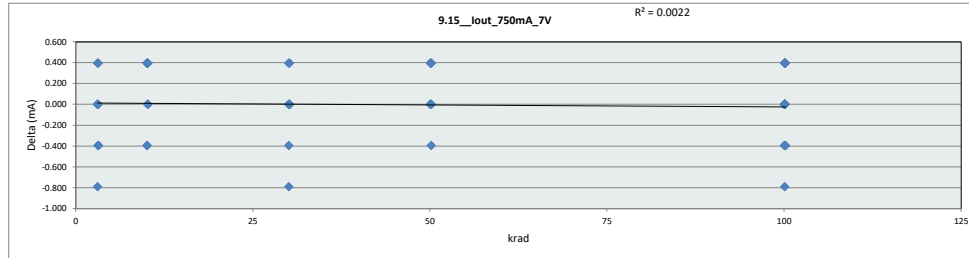
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	18.383	18.446	18.446	18.540	18.603	18.414	18.603	18.697	18.697	18.697
Average	18.552	18.540	18.603	18.672	18.766	18.691	18.741	18.848	18.927	18.936
Max	18.697	18.603	18.823	18.823	18.948	18.854	18.854	18.980	19.231	19.106
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
TPS7H2201-SP

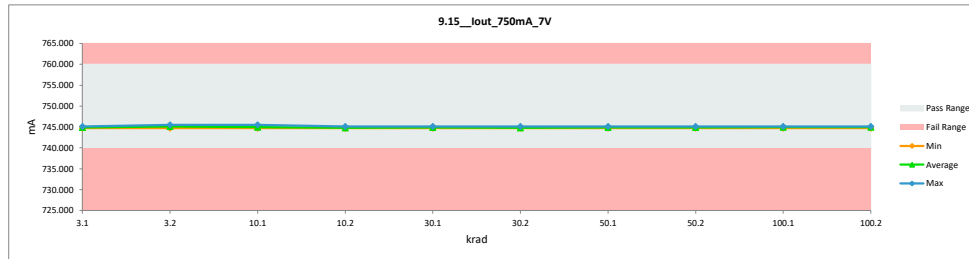
9.15_Iout_750mA_7V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	760
Min Limit	740

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	744.719	744.719	0.000
3.1	3	745.114	744.719	0.395
3.1	4	745.114	745.114	0.000
3.1	5	744.719	744.719	0.000
3.1	6	744.324	745.114	-0.790
3.2	7	745.114	744.719	0.395
3.2	8	744.719	745.114	-0.395
3.2	9	745.114	745.114	0.000
3.2	10	744.719	745.114	-0.395
3.2	11	745.114	745.509	-0.395
10.1	12	745.114	744.719	0.395
10.1	13	745.114	744.719	0.395
10.1	14	745.114	745.509	-0.395
10.1	16	745.114	744.719	0.395
10.1	17	744.719	745.114	-0.395
10.2	18	745.114	745.114	0.000
10.2	19	744.719	744.719	0.000
10.2	20	745.114	744.719	0.395
10.2	22	744.719	744.719	0.000
10.2	23	745.114	744.719	0.395
30.1	24	745.114	744.719	0.395
30.1	26	744.324	745.114	-0.790
30.1	27	744.719	744.719	0.000
30.1	29	744.719	744.719	0.000
30.1	32	744.719	745.114	-0.395
30.2	33	745.114	745.114	0.000
30.2	34	745.114	744.719	0.395
30.2	35	744.719	744.719	0.000
30.2	36	744.719	744.719	0.000
30.2	37	744.719	744.719	0.000
50.1	38	745.114	745.114	0.000
50.1	39	745.114	745.114	0.000
50.1	41	744.719	744.719	0.000
50.1	42	745.114	744.719	0.395
50.1	44	745.114	744.719	0.395
50.2	45	745.114	744.719	0.395
50.2	46	744.719	744.719	0.000
50.2	47	745.114	744.719	0.395
50.2	48	745.114	745.114	0.000
50.2	49	744.719	745.114	-0.395
100.1	50	745.114	745.114	0.000
100.1	51	744.324	745.114	-0.790
100.1	52	745.114	744.719	0.395
100.1	53	745.114	745.114	0.000
100.1	55	744.719	744.719	0.000
100.1	56	744.719	744.719	0.000
100.1	57	744.719	744.719	0.000
100.1	58	745.114	745.114	0.000
100.1	59	745.114	745.114	0.000
100.1	60	745.509	745.114	0.395
100.1	199	745.114	745.114	0.000
100.1	200	744.719	744.719	0.000
100.1	201	744.719	744.719	0.000
100.1	203	744.719	745.114	-0.395
100.1	204	745.114	745.114	0.000
100.1	205	745.114	745.114	0.000
100.1	206	745.114	744.719	0.395
100.1	207	745.114	744.719	0.395
100.1	208	745.114	745.114	0.000
100.1	209	744.719	745.114	-0.395
100.1	210	744.719	745.114	-0.395
100.1	211	744.719	745.114	-0.395
100.2	212	745.114	744.719	0.395
100.2	213	744.719	745.114	-0.395
100.2	214	744.719	745.114	-0.395
100.2	216	744.719	745.114	-0.395
100.2	217	745.114	744.719	0.395
Max		745.509	745.509	0.395
Average		744.919	744.925	-0.006
Min		744.324	744.719	-0.790
Std Dev		0.242	0.221	0.326



9.15_Iout_750mA_7V	
Test Site	
Tester	
Test Number	
Max Limit	760
Min Limit	740

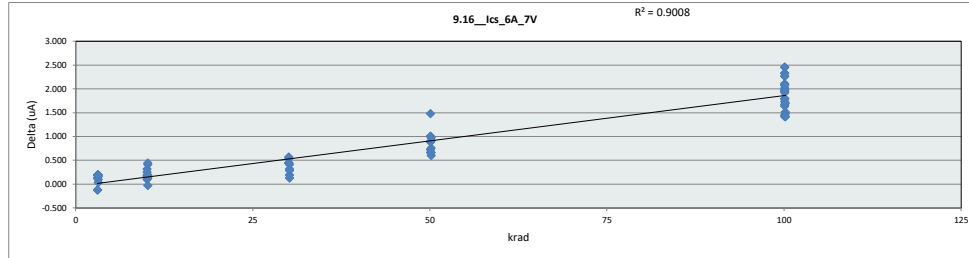
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000	740.000
Min	744.719	744.719	744.719	744.719	744.719	744.719	744.719	744.719	744.719	744.719
Average	744.877	745.114	744.956	744.798	744.877	744.798	744.877	744.970	744.970	744.956
Max	745.114	745.509	745.509	745.114	745.114	745.114	745.114	745.114	745.114	745.114
UL	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000	760.000



HDR TID Report
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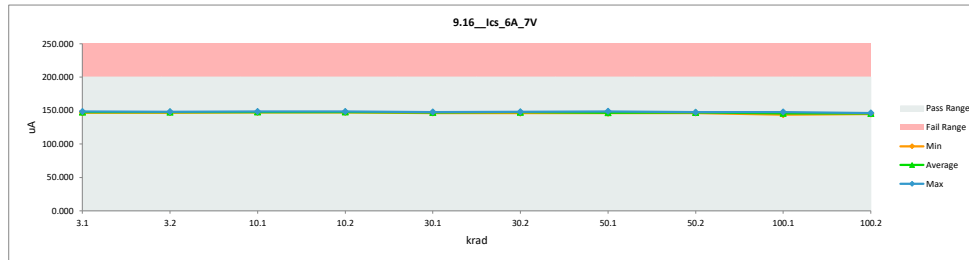
9.16_Ics_6A_7V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	200
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	148.424	148.549	-0.125
3.1	3	147.418	147.543	-0.125
3.1	4	146.821	146.632	0.189
3.1	5	147.952	147.764	0.188
3.1	6	148.266	148.141	0.125
3.2	7	147.009	146.915	0.094
3.2	8	148.424	148.235	0.189
3.2	9	147.701	147.543	0.158
3.2	10	147.355	147.323	0.032
3.2	11	148.172	147.984	0.188
10.1	12	148.046	147.732	0.314
10.1	13	148.455	148.266	0.189
10.1	14	148.612	148.518	0.094
10.1	16	147.952	147.701	0.251
10.1	17	147.386	147.229	0.157
10.2	18	148.361	148.235	0.126
10.2	19	147.669	147.481	0.188
10.2	20	147.355	147.386	-0.031
10.2	22	148.927	148.518	0.409
10.2	23	147.575	147.135	0.440
30.1	24	148.235	147.795	0.440
30.1	26	146.852	146.412	0.440
30.1	27	147.575	147.041	0.534
30.1	29	147.481	146.915	0.566
30.1	32	147.921	147.481	0.440
30.2	33	147.826	147.701	0.125
30.2	34	148.298	148.109	0.189
30.2	35	146.443	146.129	0.314
30.2	36	148.235	147.826	0.409
30.2	37	148.046	147.764	0.282
50.1	38	147.009	146.129	0.880
50.1	39	147.481	146.003	1.478
50.1	41	147.041	146.318	0.723
50.1	42	147.575	146.569	1.006
50.1	44	149.524	148.864	0.660
50.2	45	148.078	147.481	0.597
50.2	46	147.072	146.318	0.754
50.2	47	148.172	147.512	0.660
50.2	48	148.424	147.512	0.912
50.2	49	148.172	147.198	0.974
100.1	50	145.815	143.834	1.981
100.1	51	148.298	145.846	2.452
100.1	52	148.424	146.475	1.949
100.1	53	147.418	145.626	1.792
100.1	55	149.304	147.198	2.106
100.1	56	147.543	145.595	1.948
100.1	57	146.821	144.903	1.918
100.1	58	147.669	145.878	1.791
100.1	59	147.386	145.595	1.791
100.1	60	148.424	146.789	1.635
100.1	199	147.701	145.375	2.326
100.1	200	147.764	146.318	1.446
100.1	201	148.486	146.223	2.263
100.1	203	148.172	146.506	1.666
100.1	204	148.204	146.789	1.415
100.1	205	146.789	145.060	1.729
100.1	206	149.901	147.826	2.075
100.1	207	147.292	144.966	2.326
100.1	208	146.255	144.243	2.012
100.1	209	149.618	147.166	2.452
100.1	210	146.852	144.777	2.075
100.1	211	147.543	145.280	2.263
100.2	212	146.412	144.903	1.509
100.2	213	147.606	146.129	1.477
100.2	214	148.046	146.349	1.697
100.2	216	147.543	146.129	1.414
100.2	217	146.286	144.872	1.414
Max		149.901	148.864	2.452
Average		147.775	146.784	0.990
Min		145.815	143.834	-0.125
Std Dev		0.793	1.155	0.814



9.16_Ics_6A_7V	
Test Site	
Tester	
Test Number	
Max Limit	200 uA
Min Limit	0 uA

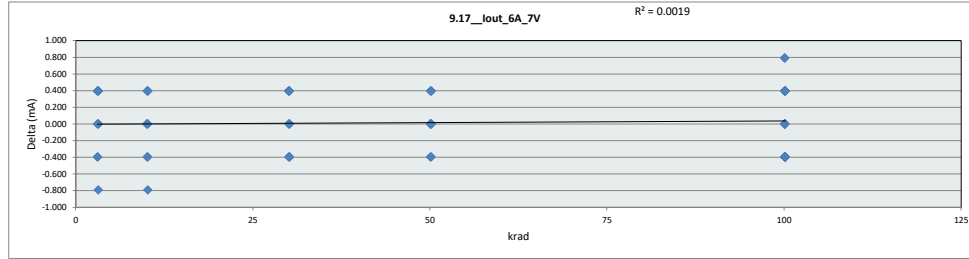
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	146.632	146.915	147.229	147.135	146.412	146.129	146.003	146.318	143.834	144.872
Average	147.726	147.600	147.889	147.751	147.129	147.506	146.777	147.204	145.830	145.676
Max	148.549	148.235	148.518	148.518	147.795	148.109	148.864	147.512	147.826	146.349
UL	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000	200.000



HDR TID Report
TPS7H2201-SP

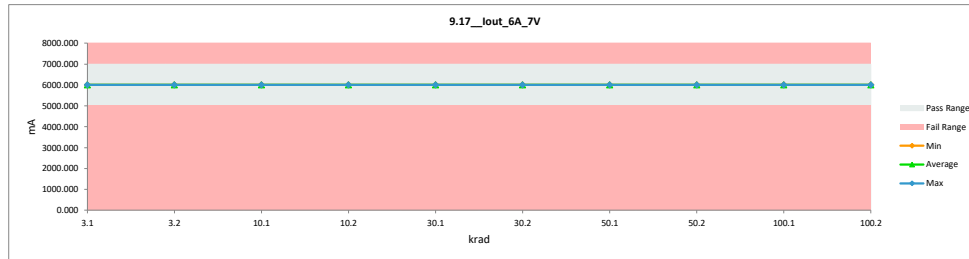
9.17_Iout_6A_7V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	7000
Min Limit	5000

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	6003.957	6004.352	-0.395
3.1	3	6003.561	6003.957	-0.396
3.1	4	6003.957	6003.561	0.396
3.1	5	6004.352	6003.957	0.395
3.1	6	6003.561	6003.561	0.000
3.2	7	6003.957	6003.561	0.396
3.2	8	6003.561	6004.352	-0.791
3.2	9	6003.957	6003.957	0.000
3.2	10	6004.352	6003.957	0.395
3.2	11	6003.957	6003.957	0.000
10.1	12	6003.957	6003.957	0.000
10.1	13	6003.957	6003.957	0.000
10.1	14	6004.352	6003.957	0.395
10.1	16	6003.957	6003.957	0.000
10.1	17	6003.561	6003.957	-0.396
10.2	18	6003.957	6003.561	0.396
10.2	19	6003.561	6004.352	-0.791
10.2	20	6003.957	6003.957	0.000
10.2	22	6003.561	6003.957	-0.396
10.2	23	6004.352	6003.957	0.395
30.1	24	6003.957	6003.957	0.000
30.1	26	6004.352	6003.957	0.395
30.1	27	6003.561	6003.957	-0.396
30.1	29	6003.957	6003.561	0.396
30.1	32	6004.352	6003.957	0.395
30.2	33	6003.561	6003.957	-0.396
30.2	34	6003.957	6003.957	0.000
30.2	35	6004.352	6003.957	0.395
30.2	36	6003.957	6003.957	0.000
30.2	37	6003.561	6003.957	-0.396
50.1	38	6003.957	6003.957	0.000
50.1	39	6003.561	6003.957	-0.396
50.1	41	6004.352	6003.957	0.395
50.1	42	6003.957	6003.957	0.000
50.1	44	6004.352	6004.352	0.000
50.2	45	6004.352	6004.352	0.000
50.2	46	6004.352	6003.957	0.395
50.2	47	6004.352	6003.957	0.395
50.2	48	6003.561	6003.957	-0.396
50.2	49	6003.957	6003.957	0.000
100.1	50	6003.957	6004.352	-0.395
100.1	51	6003.957	6003.166	0.791
100.1	52	6003.957	6003.957	0.000
100.1	53	6004.352	6003.957	0.395
100.1	55	6004.352	6003.957	0.395
100.1	56	6003.957	6003.957	0.000
100.1	57	6003.957	6003.561	0.396
100.1	58	6003.957	6004.352	-0.395
100.1	59	6004.352	6003.561	0.791
100.1	60	6003.561	6003.957	-0.396
100.1	199	6003.957	6003.957	0.000
100.1	200	6003.957	6003.561	0.396
100.1	201	6003.957	6003.957	0.000
100.1	203	6004.352	6004.352	0.000
100.1	204	6003.561	6003.957	-0.396
100.1	205	6003.561	6003.957	-0.396
100.1	206	6003.957	6003.561	0.396
100.1	207	6003.957	6003.957	0.000
100.1	208	6003.957	6004.352	-0.395
100.1	209	6003.957	6004.352	-0.395
100.1	210	6003.957	6003.957	0.000
100.1	211	6004.352	6003.957	0.395
100.2	212	6003.957	6003.561	0.396
100.2	213	6003.957	6003.561	0.396
100.2	214	6003.957	6004.352	-0.395
100.2	216	6003.561	6003.957	-0.396
100.2	217	6003.957	6004.352	-0.395
Max		6004.352	6004.352	0.791
Average		6003.969	6003.951	0.018
Min		6003.561	6003.166	-0.791
Std Dev		0.275	0.253	0.367



9.17_Iout_6A_7V	
Test Site	
Tester	
Test Number	
Max Limit	7000 mA
Min Limit	5000 mA

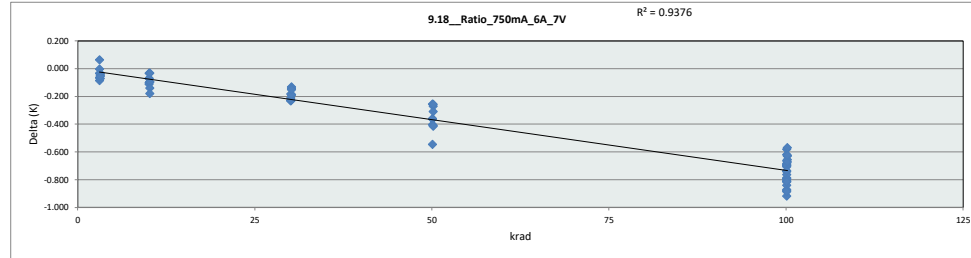
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000	5000.000
Min	6003.561	6003.561	6003.957	6003.561	6003.561	6003.957	6003.957	6003.957	6003.166	6003.561
Average	6003.878	6003.957	6003.957	6003.957	6003.878	6003.957	6004.036	6004.036	6003.939	6003.957
Max	6004.352	6004.352	6003.957	6004.352	6003.957	6003.957	6004.352	6004.352	6004.352	6004.352
UL	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000	7000.000



HDR TID Report
TPS7H2201-SP

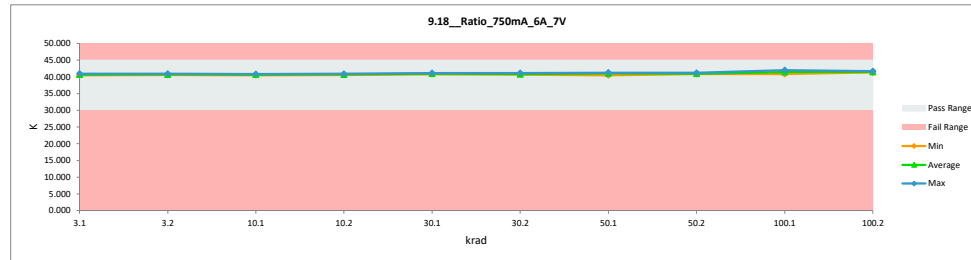
9.18_Ratio_750mA_6A_7V			
Test Site			
Tester			
Test Number			
Unit	K	K	
Max Limit	45	45	
Min Limit	30	30	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	40.502	40.505	-0.003
3.1	3	40.812	40.748	0.063
3.1	4	40.935	41.002	-0.067
3.1	5	40.623	40.709	-0.086
3.1	6	40.570	40.604	-0.033
3.2	7	40.895	40.935	-0.040
3.2	8	40.499	40.570	-0.072
3.2	9	40.715	40.765	-0.050
3.2	10	40.801	40.835	-0.034
3.2	11	40.577	40.633	-0.056
10.1	12	40.607	40.709	-0.102
10.1	13	40.440	40.511	-0.072
10.1	14	40.511	40.545	-0.033
10.1	16	40.646	40.758	-0.112
10.1	17	40.795	40.865	-0.070
10.2	18	40.528	40.623	-0.095
10.2	19	40.715	40.811	-0.096
10.2	20	40.785	40.818	-0.033
10.2	22	40.411	40.551	-0.140
10.2	23	40.738	40.918	-0.179
30.1	24	40.587	40.818	-0.231
30.1	26	40.934	41.146	-0.212
30.1	27	40.765	40.998	-0.233
30.1	29	40.808	41.035	-0.227
30.1	32	40.672	40.855	-0.183
30.2	33	40.643	40.775	-0.132
30.2	34	40.518	40.659	-0.141
30.2	35	40.991	41.180	-0.189
30.2	36	40.590	40.778	-0.188
30.2	37	40.597	40.748	-0.151
50.1	38	40.915	41.278	-0.363
50.1	39	40.732	41.278	-0.546
50.1	41	40.891	41.251	-0.360
50.1	42	40.725	41.129	-0.404
50.1	44	40.200	40.456	-0.256
50.2	45	40.610	40.881	-0.271
50.2	46	40.901	41.210	-0.309
50.2	47	40.610	40.868	-0.258
50.2	48	40.505	40.915	-0.409
50.2	49	40.580	40.995	-0.415
100.1	50	41.237	42.028	-0.790
100.1	51	40.564	41.435	-0.872
100.1	52	40.499	41.240	-0.742
100.1	53	40.808	41.493	-0.685
100.1	55	40.261	41.048	-0.787
100.1	56	40.728	41.537	-0.809
100.1	57	40.978	41.741	-0.764
100.1	58	40.725	41.424	-0.699
100.1	59	40.788	41.480	-0.692
100.1	60	40.512	41.176	-0.664
100.1	199	40.725	41.565	-0.840
100.1	200	40.659	41.278	-0.619
100.1	201	40.521	41.322	-0.801
100.1	203	40.554	41.261	-0.707
100.1	204	40.535	41.116	-0.581
100.1	205	40.942	41.638	-0.696
100.1	206	40.139	40.875	-0.736
100.1	207	40.825	41.703	-0.878
100.1	208	41.075	41.891	-0.816
100.1	209	40.190	41.109	-0.918
100.1	210	40.938	41.752	-0.814
100.1	211	40.741	41.627	-0.886
100.2	212	41.065	41.721	-0.655
100.2	213	40.768	41.397	-0.629
100.2	214	40.630	41.302	-0.672
100.2	216	40.745	41.370	-0.625
100.2	217	41.116	41.685	-0.570
Max		41.237	42.028	0.063
Average		40.689	41.088	-0.399
Min		40.139	40.456	-0.918
Std Dev		0.215	0.388	0.306



9.18_Ratio_750mA_6A_7V			
Test Site			
Tester			
Test Number			
Max Limit	45	K	
Min Limit	30	K	

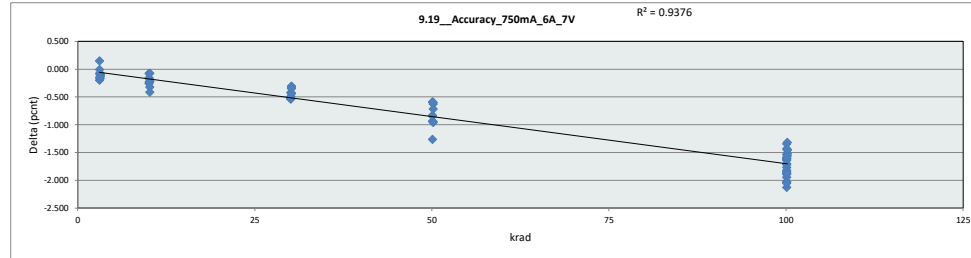
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Min	40.505	40.570	40.511	40.551	40.818	40.659	40.456	40.868	40.875	41.302
Average	40.713	40.748	40.678	40.744	40.970	40.828	41.078	40.974	41.443	41.495
Max	41.002	40.935	40.865	40.918	41.146	41.180	41.278	41.210	42.028	41.721
UL	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000	45.000



HDR TID Report
TPS7H2201-SP

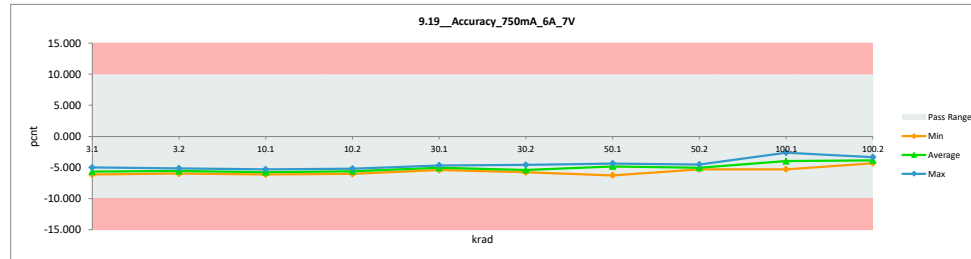
9.19_Accuracy_750mA_6A_7V			
Test Site			
Tester			
Test Number			
Unit	pcnt	pcnt	
Max Limit	9.9	9.9	
Min Limit	-9.9	-9.9	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	-6.148	-6.141	-0.007
3.1	3	-5.430	-5.577	0.147
3.1	4	-5.145	-4.990	-0.155
3.1	5	-5.868	-5.669	-0.199
3.1	6	-5.989	-5.912	-0.077
3.2	7	-5.238	-5.145	-0.093
3.2	8	-6.155	-5.989	-0.166
3.2	9	-5.653	-5.538	-0.115
3.2	10	-5.455	-5.377	-0.078
3.2	11	-5.973	-5.843	-0.130
10.1	12	-5.905	-5.669	-0.236
10.1	13	-6.292	-6.126	-0.166
10.1	14	-6.126	-6.049	-0.077
10.1	16	-5.813	-5.554	-0.259
10.1	17	-5.469	-5.307	-0.162
10.2	18	-6.087	-5.866	-0.221
10.2	19	-5.653	-5.432	-0.221
10.2	20	-5.492	-5.416	-0.076
10.2	22	-6.359	-6.035	-0.324
10.2	23	-5.600	-5.184	-0.416
30.1	24	-5.951	-5.416	-0.535
30.1	26	-5.147	-4.655	-0.492
30.1	27	-5.538	-4.999	-0.539
30.1	29	-5.439	-4.912	-0.527
30.1	32	-5.753	-5.330	-0.423
30.2	33	-5.821	-5.515	-0.306
30.2	34	-6.110	-5.783	-0.327
30.2	35	-5.015	-4.578	-0.437
30.2	36	-5.943	-5.508	-0.435
30.2	37	-5.928	-5.577	-0.351
50.1	38	-5.192	-4.349	-0.843
50.1	39	-5.614	-4.349	-1.265
50.1	41	-5.247	-4.413	-0.834
50.1	42	-5.630	-4.695	-0.935
50.1	44	-6.847	-6.255	-0.592
50.2	45	-5.898	-5.270	-0.628
50.2	46	-5.224	-4.507	-0.717
50.2	47	-5.898	-5.300	-0.598
50.2	48	-6.140	-5.192	-0.948
50.2	49	-5.966	-5.006	-0.960
100.1	50	-4.444	-2.612	-1.832
100.1	51	-6.005	-3.985	-2.020
100.1	52	-6.155	-4.437	-1.718
100.1	53	-5.439	-3.851	-1.588
100.1	55	-6.706	-4.882	-1.824
100.1	56	-5.623	-3.748	-1.875
100.1	57	-5.045	-3.275	-1.770
100.1	58	-5.630	-4.011	-1.619
100.1	59	-5.485	-3.882	-1.603
100.1	60	-6.124	-4.585	-1.539
100.1	199	-5.630	-3.684	-1.946
100.1	200	-5.783	-4.349	-1.434
100.1	201	-6.103	-4.248	-1.855
100.1	203	-6.028	-4.389	-1.639
100.1	204	-6.072	-4.726	-1.346
100.1	205	-5.129	-3.516	-1.613
100.1	206	-6.989	-5.284	-1.705
100.1	207	-5.400	-3.365	-2.035
100.1	208	-4.819	-2.929	-1.890
100.1	209	-6.870	-4.742	-2.128
100.1	210	-5.138	-3.251	-1.887
100.1	211	-5.593	-3.540	-2.053
100.2	212	-4.842	-3.324	-1.518
100.2	213	-5.531	-4.073	-1.458
100.2	214	-5.852	-4.295	-1.557
100.2	216	-5.584	-4.137	-1.447
100.2	217	-4.726	-3.406	-1.320
	Max	-4.444	-2.612	0.147
	Average	-5.715	-4.790	-0.925
	Min	-6.989	-6.255	-2.128
	Std Dev	0.499	0.899	0.709



9.19_Accuracy_750mA_6A_7V			
Test Site			
Tester			
Test Number			
Max Limit	9.9	pcnt	
Min Limit	-9.9	pcnt	

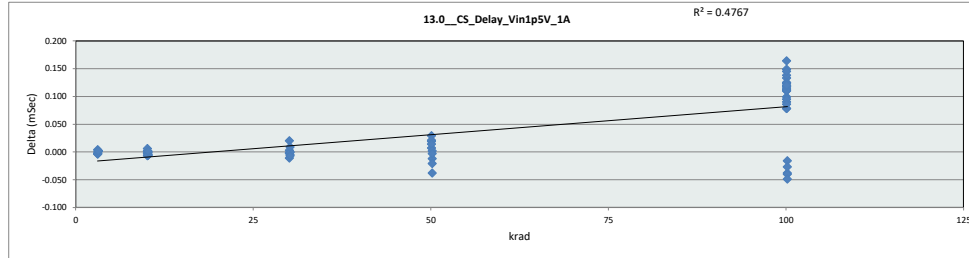
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900	-9.900
Min	-6.141	-5.989	-6.126	-6.035	-5.416	-5.783	-6.255	-5.300	-5.284	-4.295
Average	-5.658	-5.578	-5.741	-5.587	-5.062	-5.392	-4.812	-5.055	-3.968	-3.847
Max	-4.990	-5.145	-5.307	-5.184	-4.655	-4.578	-4.349	-4.507	-2.612	-3.324
UL	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900	9.900



HDR TID Report
TPS7H2201-SP

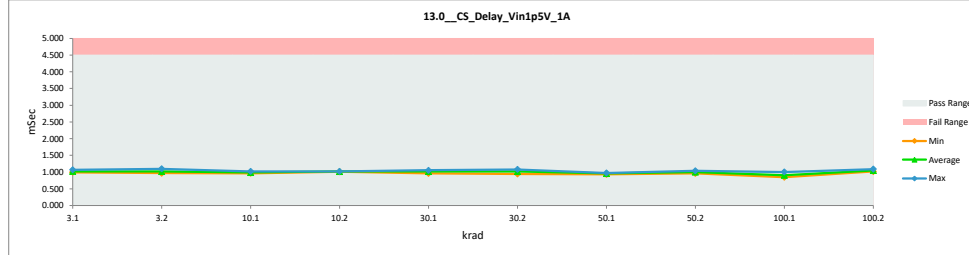
13.0_CS_Delay_Vin1p5V_1A	
Test Site	
Tester	
Test Number	
Unit	mSec mSec
Max Limit	4.5 4.5
Min Limit	0 0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.011	1.007	0.004
3.1	3	1.068	1.071	-0.003
3.1	4	1.024	1.028	-0.004
3.1	5	1.004	1.007	-0.003
3.1	6	0.993	0.995	-0.002
3.2	7	0.969	0.968	0.001
3.2	8	1.054	1.053	0.001
3.2	9	0.994	0.993	0.001
3.2	10	0.977	0.975	0.002
3.2	11	1.101	1.099	0.002
10.1	12	1.015	1.022	-0.007
10.1	13	0.978	0.981	-0.003
10.1	14	0.982	0.980	0.002
10.1	16	1.000	1.000	0.000
10.1	17	0.971	0.965	0.006
10.2	18	1.010	1.014	-0.004
10.2	19	1.014	1.020	-0.006
10.2	20	0.023	0.024	-0.001
10.2	22	1.004	1.010	-0.006
10.2	23	1.018	1.017	0.001
30.1	24	0.984	0.964	0.020
30.1	26	1.024	1.021	0.003
30.1	27	1.043	1.054	-0.011
30.1	29	1.020	1.022	-0.002
30.1	32	1.032	1.034	-0.002
30.2	33	1.076	1.081	-0.005
30.2	34	1.074	1.074	0.000
30.2	35	0.943	0.944	-0.001
30.2	36	0.993	1.000	-0.007
30.2	37	1.011	1.002	0.009
50.1	38	0.981	0.974	0.007
50.1	39	0.973	0.944	0.029
50.1	41	0.994	0.975	0.019
50.1	42	0.995	0.974	0.021
50.1	44	0.945	0.931	0.014
50.2	45	1.002	1.040	-0.038
50.2	46	0.992	1.004	-0.012
50.2	47	0.943	0.964	-0.021
50.2	48	0.986	0.984	0.002
50.2	49	1.014	1.017	-0.003
100.1	50	0.971	0.853	0.118
100.1	51	0.992	0.874	0.118
100.1	52	1.046	0.913	0.133
100.1	53	1.037	0.873	0.164
100.1	55	1.074	0.950	0.124
100.1	56	0.992	0.854	0.138
100.1	57	0.969	0.844	0.125
100.1	58	1.062	0.947	0.115
100.1	59	1.032	0.920	0.112
100.1	60	1.104	1.005	0.099
100.1	199	0.972	0.862	0.110
100.1	200	1.004	0.894	0.110
100.1	201	1.062	0.913	0.149
100.1	203	0.976	0.852	0.124
100.1	204	1.093	1.003	0.090
100.1	205	0.981	0.903	0.078
100.1	206	1.022	0.944	0.078
100.1	207	1.053	0.958	0.095
100.1	208	1.022	0.936	0.086
100.1	209	1.026	0.907	0.119
100.1	210	0.984	0.864	0.120
100.1	211	1.006	0.861	0.145
100.2	212	1.013	1.051	-0.038
100.2	213	0.993	1.033	-0.040
100.2	214	1.003	1.019	-0.016
100.2	216	1.002	1.051	-0.049
100.2	217	1.064	1.091	-0.027
Max		1.104	1.099	0.164
Average		1.012	0.976	0.036
Min		0.943	0.844	-0.049
Std Dev		0.037	0.065	0.059



13.0_CS_Delay_Vin1p5V_1A	
Test Site	
Tester	
Test Number	
Max Limit	3 mSec
Min Limit	0 mSec

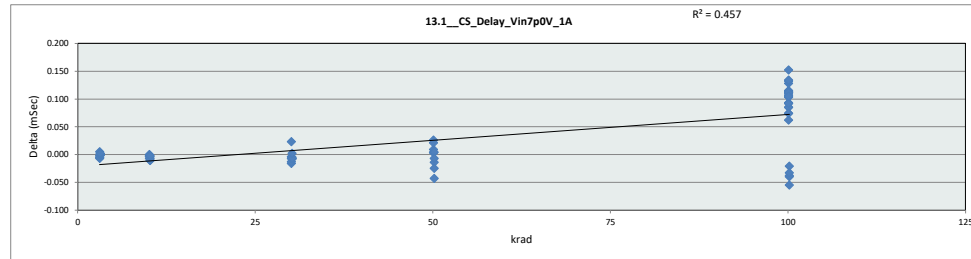
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	0.995	0.968	0.965	1.010	0.964	0.944	0.931	0.964	0.844	1.019
Average	1.022	1.018	0.990	1.017	1.019	1.020	0.960	1.002	0.906	1.049
Max	1.071	1.099	1.022	1.024	1.054	1.081	0.975	1.040	1.005	1.091
UL	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500



HDR TID Report
TPS7H2201-SP

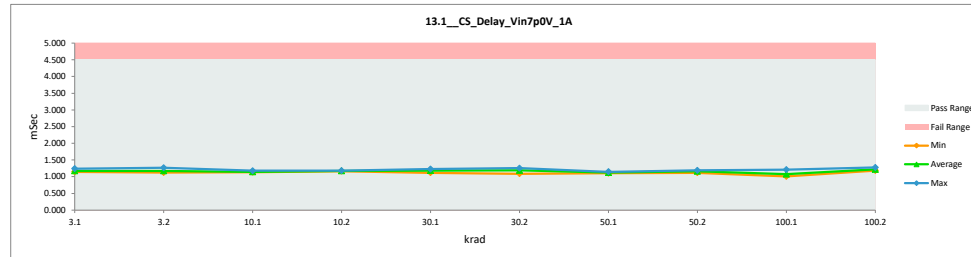
13.1_CS_Delay_Vin7p0V_1A	
Test Site	
Tester	
Test Number	
Unit	mSec mSec
Max Limit	4.5 4.5
Min Limit	0 0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.153	1.148	0.005
3.1	3	1.239	1.241	-0.002
3.1	4	1.185	1.192	-0.007
3.1	5	1.139	1.144	-0.005
3.1	6	1.151	1.156	-0.005
3.2	7	1.125	1.124	0.001
3.2	8	1.240	1.241	-0.001
3.2	9	1.128	1.129	-0.001
3.2	10	1.124	1.123	0.001
3.2	11	1.268	1.266	0.002
10.1	12	1.170	1.177	-0.007
10.1	13	1.131	1.134	-0.003
10.1	14	1.133	1.133	0.000
10.1	16	1.152	1.155	-0.003
10.1	17	1.131	1.133	-0.002
10.2	18	1.170	1.181	-0.011
10.2	19	1.170	1.177	-0.007
10.2	20	1.165	1.169	-0.004
10.2	22	1.156	1.166	-0.010
10.2	23	1.175	1.177	-0.002
30.1	24	1.142	1.119	0.023
30.1	26	1.191	1.195	-0.004
30.1	27	1.210	1.226	-0.016
30.1	29	1.174	1.187	-0.013
30.1	32	1.188	1.195	-0.007
30.2	33	1.246	1.254	-0.008
30.2	34	1.242	1.249	-0.007
30.2	35	1.085	1.090	-0.005
30.2	36	1.176	1.183	-0.007
30.2	37	1.163	1.161	0.002
50.1	38	1.130	1.127	0.003
50.1	39	1.127	1.101	0.026
50.1	41	1.157	1.148	0.009
50.1	42	1.155	1.134	0.021
50.1	44	1.114	1.110	0.004
50.2	45	1.147	1.190	-0.043
50.2	46	1.153	1.167	-0.014
50.2	47	1.093	1.118	-0.025
50.2	48	1.150	1.146	0.004
50.2	49	1.174	1.181	-0.007
100.1	50	1.128	1.013	0.115
100.1	51	1.154	1.042	0.112
100.1	52	1.211	1.097	0.114
100.1	53	1.209	1.057	0.152
100.1	55	1.221	1.112	0.109
100.1	56	1.138	1.010	0.128
100.1	57	1.118	1.006	0.112
100.1	58	1.212	1.106	0.106
100.1	59	1.182	1.079	0.103
100.1	60	1.273	1.188	0.085
100.1	199	1.120	1.027	0.093
100.1	200	1.177	1.085	0.092
100.1	201	1.231	1.099	0.132
100.1	203	1.136	1.023	0.113
100.1	204	1.293	1.208	0.085
100.1	205	1.127	1.065	0.062
100.1	206	1.173	1.099	0.074
100.1	207	1.213	1.121	0.092
100.1	208	1.183	1.109	0.074
100.1	209	1.194	1.083	0.111
100.1	210	1.147	1.042	0.105
100.1	211	1.172	1.038	0.134
100.2	212	1.179	1.219	-0.040
100.2	213	1.153	1.191	-0.038
100.2	214	1.161	1.182	-0.021
100.2	216	1.162	1.217	-0.055
100.2	217	1.241	1.274	-0.033
Max		1.293	1.274	0.152
Average		1.171	1.141	0.030
Min		1.085	1.006	-0.055
Std Dev		0.043	0.065	0.056



13.1_CS_Delay_Vin7p0V_1A	
Test Site	
Tester	
Test Number	
Max Limit	3 mSec
Min Limit	0 mSec

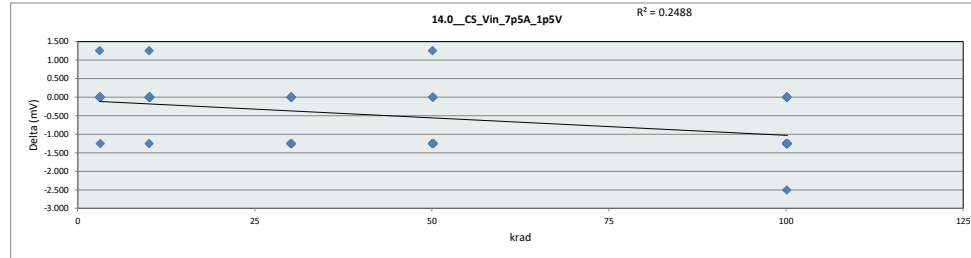
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	1.144	1.123	1.133	1.166	1.119	1.090	1.101	1.118	1.006	1.182
Average	1.176	1.177	1.146	1.174	1.184	1.187	1.124	1.160	1.078	1.217
Max	1.241	1.266	1.177	1.181	1.226	1.254	1.148	1.190	1.208	1.274
UL	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500



HDR TID Report
TPS7H2201-SP

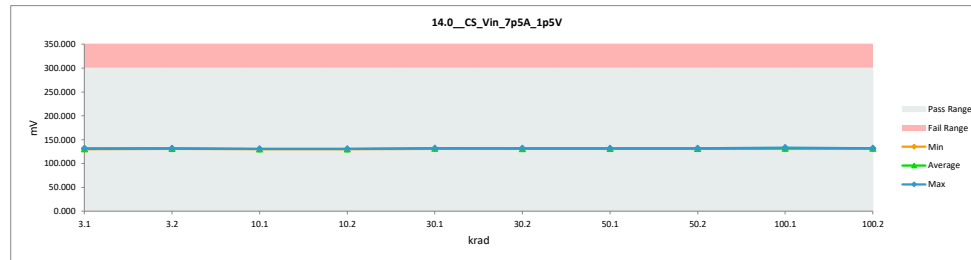
14.0_CS_Vin_7p5A_1p5V			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	300	300	
Min Limit	0	0	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	130.953	130.953	0.000
3.1	3	132.206	132.205	0.001
3.1	4	132.205	132.205	0.000
3.1	5	130.952	129.699	1.253
3.1	6	129.699	129.699	0.000
3.2	7	132.206	132.205	0.001
3.2	8	130.953	130.952	0.001
3.2	9	130.953	132.206	-1.253
3.2	10	130.953	130.953	0.000
3.2	11	130.953	130.953	0.000
10.1	12	130.953	130.953	0.000
10.1	13	129.700	130.953	-1.253
10.1	14	129.699	129.699	0.000
10.1	16	132.206	130.952	1.254
10.1	17	130.952	130.952	0.000
10.2	18	130.953	130.953	0.000
10.2	19	130.953	130.952	0.001
10.2	20	130.952	130.952	0.000
10.2	22	129.699	129.699	0.000
10.2	23	130.953	130.953	0.000
30.1	24	130.952	130.952	0.000
30.1	26	130.952	132.205	-1.253
30.1	27	130.952	132.205	-1.253
30.1	29	132.205	132.205	0.000
30.1	32	130.952	132.205	-1.253
30.2	33	130.953	130.953	0.000
30.2	34	129.699	130.953	-1.254
30.2	35	130.952	130.952	0.000
30.2	36	129.699	130.953	-1.254
30.2	37	132.205	132.206	-0.001
50.1	38	132.205	130.952	1.253
50.1	39	130.953	132.206	-1.253
50.1	41	130.952	132.205	-1.253
50.1	42	130.952	130.952	0.000
50.1	44	129.699	130.952	-1.253
50.2	45	129.699	130.952	-1.253
50.2	46	130.952	132.205	-1.253
50.2	47	129.699	130.952	-1.253
50.2	48	130.953	130.953	0.000
50.2	49	130.952	132.205	-1.253
100.1	50	132.205	132.205	0.000
100.1	51	130.953	133.459	-2.506
100.1	52	130.952	130.952	0.000
100.1	53	132.205	132.205	0.000
100.1	55	130.952	132.206	-1.254
100.1	56	132.205	132.205	0.000
100.1	57	130.952	132.206	-1.254
100.1	58	130.952	132.206	-1.254
100.1	59	130.953	132.206	-1.253
100.1	60	130.952	130.952	0.000
100.1	199	130.952	132.205	-1.253
100.1	200	130.952	130.952	0.000
100.1	201	129.699	130.952	-1.253
100.1	203	129.699	130.952	-1.253
100.1	204	130.952	132.205	-1.253
100.1	205	130.953	132.206	-1.253
100.1	206	129.699	130.953	-1.254
100.1	207	130.952	132.205	-1.253
100.1	208	132.206	133.459	-1.253
100.1	209	129.700	130.953	-1.253
100.1	210	130.953	132.206	-1.253
100.1	211	130.952	132.205	-1.253
100.2	212	130.953	132.205	-1.252
100.2	213	130.952	132.205	-1.253
100.2	214	129.700	130.953	-1.253
100.2	216	130.953	132.205	-1.252
100.2	217	132.206	132.206	0.000
Max		132.206	133.459	1.254
Average		130.915	131.513	-0.598
Min		129.699	129.699	-2.506
Std Dev		0.786	0.824	0.767



14.0_CS_Vin_7p5A_1p5V			
Test Site			
Tester			
Test Number			
Max Limit	300	mV	
Min Limit	0	mV	

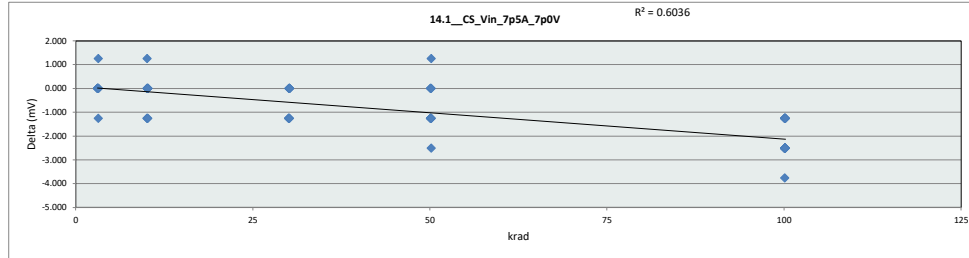
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	129.699	130.952	129.699	129.699	130.952	130.952	130.952	130.952	130.952	130.953
Average	130.952	131.454	130.702	130.702	131.954	131.203	131.453	131.453	131.921	131.955
Max	132.205	132.206	130.953	130.953	132.205	132.206	132.206	132.205	133.459	132.206
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
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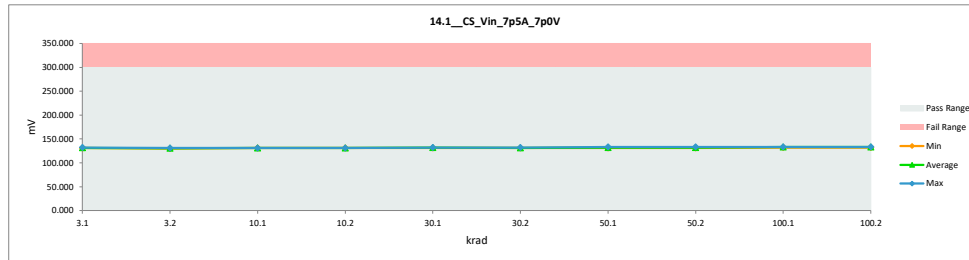
14.1_CS_Vin_7p5A_7p0V			
Test Site			
Tester			
Test Number			
Unit	mV	mV	
Max Limit	300	300	
Min Limit	0	0	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	130.952	130.952	0.000
3.1	3	132.205	132.205	0.000
3.1	4	132.205	132.205	0.000
3.1	5	130.952	130.952	0.000
3.1	6	130.952	130.952	0.000
3.2	7	132.205	130.952	1.253
3.2	8	129.699	129.699	0.000
3.2	9	130.952	130.952	0.000
3.2	10	130.952	130.952	0.000
3.2	11	129.699	130.952	-1.253
10.1	12	130.952	130.952	0.000
10.1	13	129.699	130.952	-1.253
10.1	14	129.699	130.952	-1.253
10.1	16	130.952	130.952	0.000
10.1	17	132.205	130.952	1.253
10.2	18	130.952	130.952	0.000
10.2	19	130.952	130.952	0.000
10.2	20	130.952	130.952	0.000
10.2	22	129.699	130.952	-1.253
10.2	23	130.952	130.952	0.000
30.1	24	130.952	130.952	0.000
30.1	26	130.952	132.205	-1.253
30.1	27	130.952	132.205	-1.253
30.1	29	130.952	132.205	-1.253
30.1	32	130.952	132.205	-1.253
30.2	33	130.952	130.952	0.000
30.2	34	130.952	130.952	0.000
30.2	35	130.952	130.952	0.000
30.2	36	129.699	130.952	-1.253
30.2	37	132.205	132.205	0.000
50.1	38	132.205	133.459	-1.254
50.1	39	130.952	132.205	-1.253
50.1	41	132.205	132.205	0.000
50.1	42	130.952	130.952	0.000
50.1	44	129.699	130.952	-1.253
50.2	45	132.205	130.952	1.253
50.2	46	132.205	133.459	-1.254
50.2	47	129.699	132.205	-2.506
50.2	48	130.952	130.952	0.000
50.2	49	130.952	132.205	-1.253
100.1	50	132.205	133.458	-1.253
100.1	51	130.952	133.458	-2.506
100.1	52	130.952	132.205	-1.253
100.1	53	130.952	133.459	-2.507
100.1	55	130.952	133.458	-2.506
100.1	56	132.205	133.458	-1.253
100.1	57	130.952	133.458	-2.506
100.1	58	130.952	133.458	-2.506
100.1	59	130.952	133.458	-2.506
100.1	60	129.699	132.205	-2.506
100.1	199	130.952	132.205	-1.253
100.1	200	130.952	133.458	-2.506
100.1	201	129.699	133.458	-3.759
100.1	203	130.952	132.205	-1.253
100.1	204	129.699	132.205	-2.506
100.1	205	130.952	133.458	-2.506
100.1	206	129.699	132.205	-2.506
100.1	207	130.952	133.458	-2.506
100.1	208	130.952	133.458	-2.506
100.1	209	129.699	132.205	-2.506
100.1	210	130.952	133.458	-2.506
100.1	211	129.699	132.205	-2.506
100.2	212	132.205	133.458	-1.253
100.2	213	130.952	133.458	-2.506
100.2	214	129.699	132.205	-2.506
100.2	216	130.952	132.205	-1.253
100.2	217	132.205	133.458	-1.253
	Max	132.205	133.459	1.253
	Average	130.915	132.037	-1.122
	Min	129.699	129.699	-3.759
	Std Dev	0.815	1.066	1.157



14.1_CS_Vin_7p5A_7p0V			
Test Site			
Tester			
Test Number			
Max Limit	300	mV	
Min Limit	0	mV	

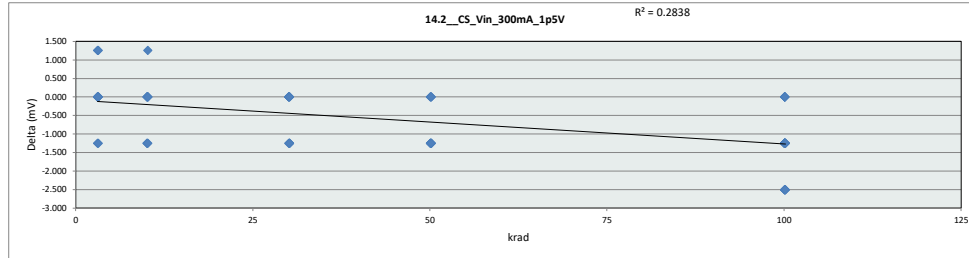
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	130.952	129.699	130.952	130.952	130.952	130.952	130.952	130.952	132.205	132.205
Average	131.453	130.701	130.952	130.952	131.954	131.203	131.955	131.955	133.002	132.957
Max	132.205	130.952	130.952	130.952	132.205	132.205	133.459	133.459	133.459	133.458
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
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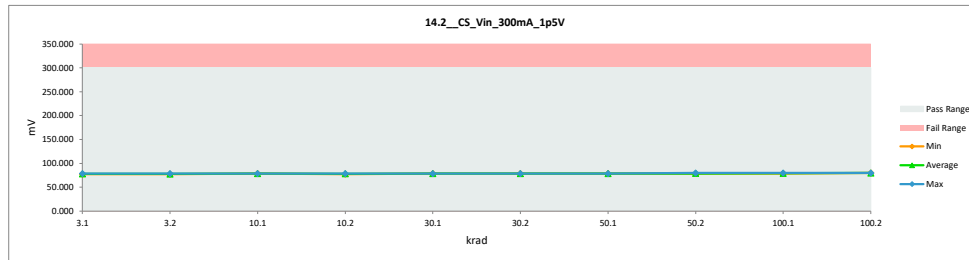
14.2_CS_Vin_300mA_1p5V	
Test Site	
Tester	
Test Number	
Unit	mV
Max Limit	300
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	77.068	78.321	-1.253
3.1	3	78.321	78.321	0.000
3.1	4	77.068	77.068	0.000
3.1	5	78.321	77.068	1.253
3.1	6	78.321	78.321	0.000
3.2	7	77.068	78.321	-1.253
3.2	8	77.068	77.068	0.000
3.2	9	78.321	77.068	1.253
3.2	10	77.068	77.068	0.000
3.2	11	78.321	78.321	0.000
10.1	12	78.321	78.321	0.000
10.1	13	77.068	78.321	-1.253
10.1	14	77.068	78.321	-1.253
10.1	16	78.321	78.321	0.000
10.1	17	78.321	78.321	0.000
10.2	18	78.321	78.321	0.000
10.2	19	78.321	78.321	0.000
10.2	20	78.321	78.321	0.000
10.2	22	77.068	78.321	-1.253
10.2	23	78.321	77.068	1.253
30.1	24	78.321	78.321	0.000
30.1	26	78.321	78.321	0.000
30.1	27	78.321	78.321	0.000
30.1	29	78.321	78.321	0.000
30.1	32	77.068	78.321	-1.253
30.2	33	77.068	78.321	-1.253
30.2	34	78.321	78.321	0.000
30.2	35	77.068	78.321	-1.253
30.2	36	78.321	78.321	0.000
30.2	37	77.068	78.321	-1.253
50.1	38	78.321	78.321	0.000
50.1	39	77.068	78.321	-1.253
50.1	41	77.068	78.321	-1.253
50.1	42	78.321	78.321	0.000
50.1	44	77.068	78.321	-1.253
50.2	45	78.321	79.574	-1.253
50.2	46	78.321	78.321	0.000
50.2	47	77.068	78.321	-1.253
50.2	48	78.321	79.574	-1.253
50.2	49	78.321	78.321	0.000
100.1	50	78.321	78.321	0.000
100.1	51	78.321	79.574	-1.253
100.1	52	77.068	79.574	-2.506
100.1	53	78.321	79.574	-1.253
100.1	55	77.068	78.321	-1.253
100.1	56	77.068	79.574	-2.506
100.1	57	78.321	78.321	0.000
100.1	58	78.321	78.321	0.000
100.1	59	78.321	78.321	0.000
100.1	60	78.321	78.321	0.000
100.1	199	78.321	79.574	-1.253
100.1	200	78.321	79.574	-1.253
100.1	201	77.068	79.574	-2.506
100.1	203	77.068	78.321	-1.253
100.1	204	77.068	78.321	-1.253
100.1	205	77.068	78.321	-1.253
100.1	206	78.321	79.574	-1.253
100.1	207	78.321	78.321	0.000
100.1	208	77.068	78.321	-1.253
100.1	209	78.321	79.574	-1.253
100.1	210	78.321	79.574	-1.253
100.1	211	77.068	79.574	-2.506
100.2	212	78.321	79.574	-1.253
100.2	213	78.321	79.574	-1.253
100.2	214	77.068	79.574	-2.506
100.2	216	78.321	79.574	-1.253
100.2	217	77.068	79.574	-2.506
Max		78.321	79.574	1.253
Average		77.816	78.545	-0.729
Min		77.068	77.068	-2.506
Std Dev		0.619	0.721	0.903



14.2_CS_Vin_300mA_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	300 mV
Min Limit	0 mV

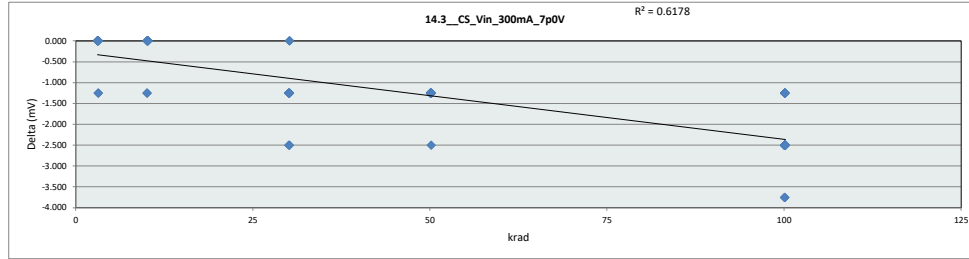
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	77.068	77.068	78.321	77.068	78.321	78.321	78.321	78.321	78.321	79.574
Average	77.820	77.569	78.321	78.070	78.321	78.321	78.321	78.822	78.948	79.574
Max	78.321	78.321	78.321	78.321	78.321	78.321	78.321	79.574	79.574	79.574
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
TPS7H2201-SP

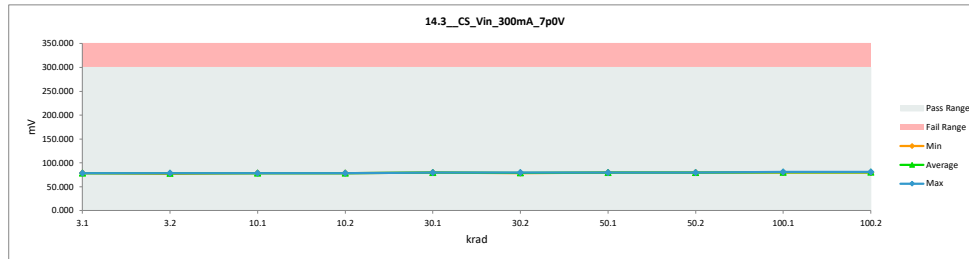
14.3_CS_Vin_300mA_7p0V	
Test Site	
Tester	
Test Number	
Unit	mV
Max Limit	300
Min Limit	0

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	78.321	78.321	0.000
3.1	3	78.321	78.321	0.000
3.1	4	78.321	78.321	0.000
3.1	5	78.321	78.321	0.000
3.1	6	78.321	78.321	0.000
3.2	7	77.068	77.068	0.000
3.2	8	77.068	78.321	-1.253
3.2	9	78.321	78.321	0.000
3.2	10	77.068	78.321	-1.253
3.2	11	78.321	78.321	0.000
10.1	12	78.321	78.321	0.000
10.1	13	77.068	78.321	-1.253
10.1	14	78.321	78.321	0.000
10.1	16	78.321	78.321	0.000
10.1	17	77.068	78.321	-1.253
10.2	18	78.321	78.321	0.000
10.2	19	78.321	78.321	0.000
10.2	20	78.321	78.321	0.000
10.2	22	78.321	78.321	0.000
10.2	23	78.321	78.321	0.000
30.1	24	78.321	79.574	-1.253
30.1	26	77.068	79.574	-2.506
30.1	27	78.321	79.574	-1.253
30.1	29	78.321	79.574	-1.253
30.1	32	78.321	79.574	-1.253
30.2	33	77.068	79.574	-2.506
30.2	34	78.321	78.321	0.000
30.2	35	78.321	79.574	-1.253
30.2	36	78.321	79.574	-1.253
30.2	37	78.321	78.321	0.000
50.1	38	78.321	79.574	-1.253
50.1	39	78.321	79.574	-1.253
50.1	41	78.321	79.574	-1.253
50.1	42	78.321	79.574	-1.253
50.1	44	78.321	79.574	-1.253
50.2	45	78.321	79.574	-1.253
50.2	46	78.321	79.574	-1.253
50.2	47	77.068	79.574	-2.506
50.2	48	78.321	79.574	-1.253
50.2	49	78.321	79.574	-1.253
100.1	50	78.321	80.827	-2.506
100.1	51	78.321	80.827	-2.506
100.1	52	78.321	80.827	-2.506
100.1	53	78.321	79.574	-1.253
100.1	55	78.321	80.827	-2.506
100.1	56	77.068	80.827	-3.759
100.1	57	77.068	80.827	-3.759
100.1	58	78.321	79.574	-1.253
100.1	59	77.068	79.574	-2.506
100.1	60	78.321	79.574	-1.253
100.1	199	77.068	80.827	-3.759
100.1	200	78.321	79.574	-1.253
100.1	201	78.321	80.827	-2.506
100.1	203	78.321	80.827	-2.506
100.1	204	77.068	79.574	-2.506
100.1	205	78.321	79.574	-1.253
100.1	206	78.321	79.574	-1.253
100.1	207	78.321	80.827	-2.506
100.1	208	77.068	79.574	-2.506
100.1	209	78.321	80.827	-2.506
100.1	210	77.068	79.574	-2.506
100.1	211	78.321	80.827	-2.506
100.2	212	78.321	79.574	-1.253
100.2	213	78.321	80.827	-2.506
100.2	214	78.321	80.827	-2.506
100.2	216	78.321	80.827	-2.506
100.2	217	78.321	80.827	-2.506
Max		78.321	80.827	0.000
Average		78.040	79.443	-1.403
Min		77.068	77.068	-3.759
Std Dev		0.526	0.979	1.080



14.3_CS_Vin_300mA_7p0V	
Test Site	
Tester	
Test Number	
Max Limit	300 mV
Min Limit	0 mV

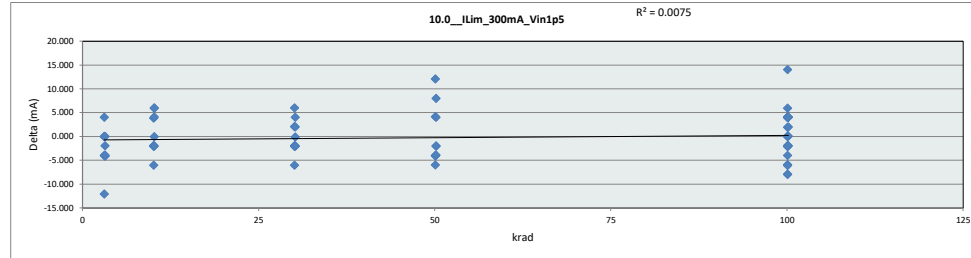
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Min	78.321	77.068	78.321	78.321	79.574	78.321	79.574	79.574	79.574	79.574
Average	78.321	78.070	78.321	78.321	79.574	79.073	79.574	79.574	80.257	80.576
Max	78.321	78.321	78.321	78.321	79.574	79.574	79.574	79.574	80.827	80.827
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
TPS7H2201-SP

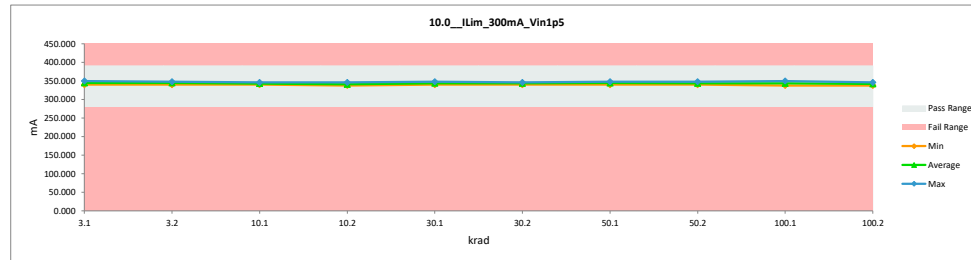
10.0_ILim_300mA_Vin1p5	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	390
Min Limit	280

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	343.537	343.537	0.000
3.1	3	337.485	349.590	-12.105
3.1	4	343.537	339.524	4.013
3.1	5	341.498	345.511	-4.013
3.1	6	343.472	343.537	-0.065
3.2	7	341.498	345.643	-4.145
3.2	8	339.524	339.524	0.000
3.2	9	343.472	347.551	-4.079
3.2	10	339.590	343.537	-3.947
3.2	11	343.537	345.511	-1.974
10.1	12	341.498	343.603	-2.105
10.1	13	339.524	341.498	-1.974
10.1	14	343.406	339.590	3.816
10.1	16	339.524	345.577	-6.053
10.1	17	341.564	343.537	-1.973
10.2	18	337.485	339.524	-2.039
10.2	19	343.472	337.551	5.921
10.2	20	347.551	341.564	5.987
10.2	22	343.537	339.458	4.079
10.2	23	345.511	345.577	-0.066
30.1	24	345.511	343.472	2.039
30.1	26	341.564	347.616	-6.052
30.1	27	339.458	341.432	-1.974
30.1	29	343.472	345.577	-2.105
30.1	32	345.511	339.524	5.987
30.2	33	345.511	343.537	1.974
30.2	34	343.537	345.577	-2.040
30.2	35	345.445	345.577	-0.132
30.2	36	343.537	339.524	4.013
30.2	37	339.524	341.564	-2.040
50.1	38	351.564	339.524	12.040
50.1	39	347.616	343.472	4.144
50.1	41	339.524	345.511	-5.987
50.1	42	339.458	343.537	-4.079
50.1	44	343.537	347.551	-4.014
50.2	45	343.472	345.511	-2.039
50.2	46	343.537	347.485	-3.948
50.2	47	337.551	339.590	-2.039
50.2	48	349.524	341.564	7.960
50.2	49	345.511	341.498	4.013
100.1	50	347.551	343.472	4.079
100.1	51	339.590	345.511	-5.921
100.1	52	353.537	339.524	14.013
100.1	53	345.445	343.537	1.908
100.1	55	343.537	345.577	-2.040
100.1	56	343.472	345.511	-2.039
100.1	57	341.498	341.498	0.000
100.1	58	341.498	343.537	-2.039
100.1	59	339.524	339.524	0.000
100.1	60	343.472	345.577	-2.105
100.1	199	341.498	341.498	0.000
100.1	200	341.498	343.537	-2.039
100.1	201	339.524	347.485	-7.961
100.1	203	345.511	341.498	4.013
100.1	204	345.577	341.564	4.013
100.1	205	341.498	347.616	-6.118
100.1	206	341.498	343.472	-1.974
100.1	207	347.485	349.524	-2.039
100.1	208	341.498	337.551	3.947
100.1	209	339.524	343.537	-4.013
100.1	210	339.524	347.485	-7.961
100.1	211	343.472	337.551	5.921
100.2	212	345.577	345.511	0.066
100.2	213	345.511	343.537	1.974
100.2	214	343.537	339.524	4.013
100.2	216	341.564	337.485	4.079
100.2	217	341.498	343.472	-1.974
Max		353.537	349.590	14.013
Average		342.978	343.204	-0.227
Min		337.485	337.485	-12.105
Std Dev		3.168	3.055	4.631



10.0_ILim_300mA_Vin1p5	
Test Site	
Tester	
Test Number	
Max Limit	390
Min Limit	280

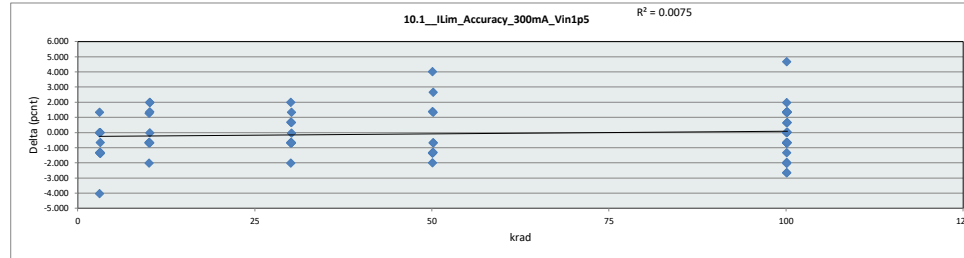
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000
Min	339.524	339.524	339.590	337.551	339.524	339.524	339.524	339.590	337.551	337.485
Average	344.340	344.353	342.761	340.735	343.524	343.156	343.919	343.130	343.436	341.906
Max	349.590	347.551	345.577	345.577	347.616	345.577	347.551	347.485	349.524	345.511
UL	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000



HDR TID Report
TPS7H2201-SP

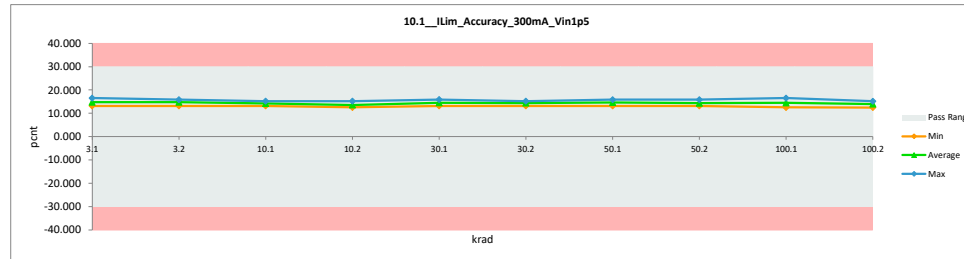
10.1_ILim_Accuracy_300mA_V	
Test Site	
Tester	
Test Number	
Unit	pcnt
Max Limit	30
Min Limit	-30

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	14.512	14.512	0.000
3.1	3	12.495	16.530	-4.035
3.1	4	14.512	13.175	1.337
3.1	5	13.833	15.170	-1.337
3.1	6	14.491	14.512	-0.021
3.2	7	13.833	15.214	-1.381
3.2	8	13.175	13.175	0.000
3.2	9	14.491	15.850	-1.359
3.2	10	13.197	14.512	-1.315
3.2	11	14.512	15.170	-0.658
10.1	12	13.833	14.534	-0.701
10.1	13	13.175	13.833	-0.658
10.1	14	14.469	13.197	1.272
10.1	16	13.175	15.192	-2.017
10.1	17	13.855	14.512	-0.657
10.2	18	12.495	13.175	-0.680
10.2	19	14.491	12.517	1.974
10.2	20	15.850	13.855	1.995
10.2	22	14.512	13.153	1.359
10.2	23	15.170	15.192	-0.022
30.1	24	15.170	14.491	0.679
30.1	26	13.855	15.872	-2.017
30.1	27	13.153	13.811	-0.658
30.1	29	14.491	15.192	-0.701
30.1	32	15.170	13.175	1.995
30.2	33	15.170	14.512	0.658
30.2	34	14.512	15.192	-0.680
30.2	35	15.148	15.192	-0.044
30.2	36	14.512	13.175	1.337
30.2	37	13.175	13.855	-0.680
50.1	38	17.188	13.175	4.013
50.1	39	15.872	14.491	1.381
50.1	41	13.175	15.170	-1.995
50.1	42	13.153	14.512	-1.359
50.1	44	14.512	15.850	-1.338
50.2	45	14.491	15.170	-0.679
50.2	46	14.512	15.828	-1.316
50.2	47	12.517	13.197	-0.680
50.2	48	16.508	13.855	2.653
50.2	49	15.170	13.833	1.337
100.1	50	15.850	14.491	1.359
100.1	51	13.197	15.170	-1.973
100.1	52	17.846	13.175	4.671
100.1	53	15.148	14.512	0.636
100.1	55	14.512	15.192	-0.680
100.1	56	14.491	15.170	-0.679
100.1	57	13.833	13.833	0.000
100.1	58	13.833	14.512	-0.679
100.1	59	13.175	13.175	0.000
100.1	60	14.491	15.192	-0.701
100.1	199	13.833	13.833	0.000
100.1	200	13.833	14.512	-0.679
100.1	201	13.175	15.828	-2.653
100.1	203	15.170	13.833	1.337
100.1	204	15.192	13.855	1.337
100.1	205	13.833	15.872	-2.039
100.1	206	13.833	14.491	-0.658
100.1	207	15.828	16.508	-0.680
100.1	208	13.833	12.517	1.316
100.1	209	13.175	14.512	-1.337
100.1	210	13.175	15.828	-2.653
100.1	211	14.491	12.517	1.974
100.2	212	15.192	15.170	0.022
100.2	213	15.170	14.512	0.658
100.2	214	14.512	13.175	1.337
100.2	216	13.855	12.495	1.360
100.2	217	13.833	14.491	-0.658
Max		17.846	16.530	4.671
Average		14.326	14.401	-0.076
Min		12.495	12.495	-4.035
Std Dev		1.056	1.018	1.543



10.1_ILim_Accuracy_300mA	
Test Site	
Tester	
Test Number	
Max Limit	30
Min Limit	-30

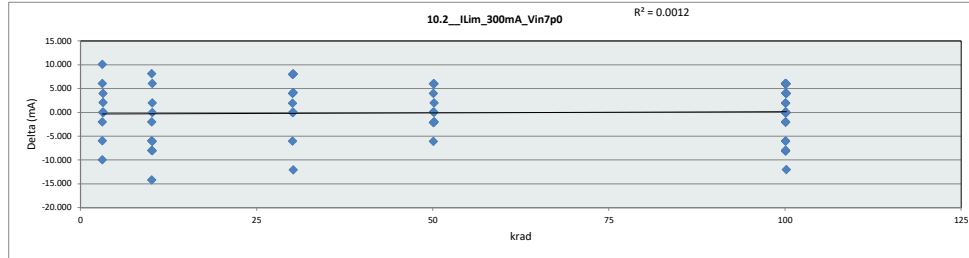
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000
Min	13.175	13.175	13.197	12.517	13.175	13.175	13.175	13.197	12.517	12.495
Average	14.780	14.784	14.254	13.578	14.508	14.385	14.640	14.377	14.479	13.969
Max	16.530	15.850	15.192	15.192	15.872	15.192	15.850	15.828	16.508	15.170
UL	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000



HDR TID Report
TPS7H2201-SP

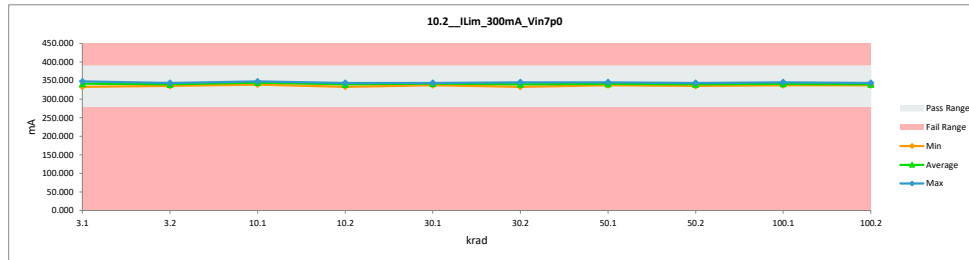
10.2_ILim_300mA_Vin7p0	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	390
Min Limit	280

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	343.537	337.485	6.052
3.1	3	337.551	347.551	-10.000
3.1	4	343.537	333.472	10.065
3.1	5	343.537	345.577	-2.040
3.1	6	337.485	343.472	-5.987
3.2	7	339.590	339.524	0.066
3.2	8	341.498	341.564	-0.066
3.2	9	343.537	339.590	3.947
3.2	10	345.577	343.537	2.040
3.2	11	335.445	335.511	-0.066
10.1	12	333.406	347.616	-14.210
10.1	13	341.564	343.603	-2.039
10.1	14	341.564	347.551	-5.987
10.1	16	337.551	345.577	-8.026
10.1	17	347.616	339.524	8.092
10.2	18	335.445	333.472	1.973
10.2	19	339.524	339.590	-0.066
10.2	20	335.511	343.603	-8.092
10.2	22	335.511	341.630	-6.119
10.2	23	347.616	341.564	6.052
30.1	24	343.537	339.590	3.947
30.1	26	345.511	343.603	1.908
30.1	27	337.551	343.603	-6.052
30.1	29	345.511	337.551	7.960
30.1	32	343.472	343.537	-0.065
30.2	33	345.577	337.551	8.026
30.2	34	333.472	345.577	-12.105
30.2	35	345.511	345.511	0.000
30.2	36	337.551	333.406	4.145
30.2	37	347.551	339.524	8.027
50.1	38	343.537	337.551	5.986
50.1	39	333.406	339.524	-6.118
50.1	41	345.577	345.511	0.066
50.1	42	339.458	341.630	-2.172
50.1	44	345.511	341.564	3.947
50.2	45	333.537	335.577	-2.040
50.2	46	341.564	341.564	0.000
50.2	47	343.537	341.564	1.973
50.2	48	345.577	339.590	5.987
50.2	49	341.564	343.603	-2.039
100.1	50	343.537	343.472	0.065
100.1	51	345.511	341.498	4.013
100.1	52	343.537	337.551	5.986
100.1	53	345.577	339.590	5.987
100.1	55	337.485	343.537	-6.052
100.1	56	331.432	339.590	-8.158
100.1	57	345.577	345.511	0.066
100.1	58	337.485	339.590	-2.105
100.1	59	339.524	345.577	-6.053
100.1	60	343.472	337.551	5.921
100.1	199	345.577	339.524	6.053
100.1	200	339.524	341.564	-2.040
100.1	201	337.485	339.524	-2.039
100.1	203	341.498	339.590	1.908
100.1	204	339.524	337.551	1.973
100.1	205	345.511	345.577	-0.066
100.1	206	339.524	339.590	-0.066
100.1	207	337.551	345.577	-8.026
100.1	208	349.590	343.537	6.053
100.1	209	337.551	337.551	0.000
100.1	210	333.472	341.498	-8.026
100.1	211	343.537	343.603	-0.066
100.2	212	345.511	341.564	3.947
100.2	213	343.537	339.590	3.947
100.2	214	339.524	339.590	-0.066
100.2	216	343.537	337.551	5.986
100.2	217	331.498	343.537	-12.039
Max		349.590	347.616	10.065
Average		341.078	341.166	-0.088
Min		331.432	333.406	-14.210
Std Dev		4.456	3.429	5.591



10.2_ILim_300mA_Vin7p0	
Test Site	
Tester	
Test Number	
Max Limit	390
Min Limit	280

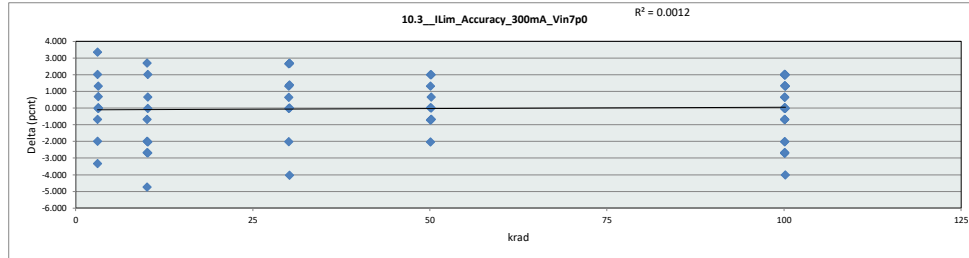
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000	280.000
Min	333.472	335.511	339.524	333.472	337.551	333.406	337.551	335.577	337.551	337.551
Average	341.511	339.945	344.774	339.972	341.577	340.314	341.156	340.380	341.280	340.366
Max	347.551	343.537	347.616	343.603	343.603	345.577	345.511	343.603	345.577	343.537
UL	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000	390.000



HDR TID Report
TPS7H2201-SP

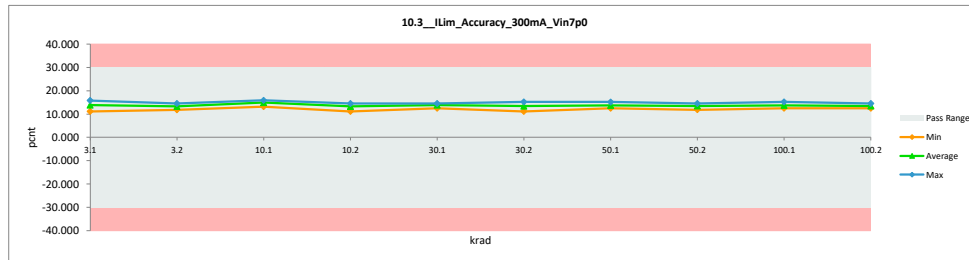
10.3_ILim_Accuracy_300mA_V			
Test Site			
Tester			
Test Number			
Unit	pcnt	pcnt	
Max Limit	30		
Min Limit	-30		

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	14.512	12.495	2.017
3.1	3	12.517	15.850	-3.333
3.1	4	14.512	11.157	3.355
3.1	5	14.512	15.192	-0.680
3.1	6	12.495	14.491	-1.996
3.2	7	13.197	13.175	0.022
3.2	8	13.833	13.855	-0.022
3.2	9	14.512	13.197	1.315
3.2	10	15.192	14.512	0.680
3.2	11	11.815	11.837	-0.022
10.1	12	11.135	15.872	-4.737
10.1	13	13.855	14.534	-0.679
10.1	14	13.855	15.850	-1.995
10.1	16	12.517	15.192	-2.675
10.1	17	15.872	13.175	2.697
10.2	18	11.815	11.157	0.658
10.2	19	13.175	13.197	-0.022
10.2	20	11.837	14.534	-2.697
10.2	22	11.837	13.877	-2.040
10.2	23	15.872	13.855	2.017
30.1	24	14.512	13.197	1.315
30.1	26	15.170	14.534	0.636
30.1	27	12.517	14.534	-2.017
30.1	29	15.170	12.517	2.653
30.1	32	14.491	14.512	-0.021
30.2	33	15.192	12.517	2.675
30.2	34	11.157	15.192	-4.035
30.2	35	15.170	15.170	0.000
30.2	36	12.517	11.135	1.382
30.2	37	15.850	13.175	2.675
50.1	38	14.512	12.517	1.995
50.1	39	11.135	13.175	-2.040
50.1	41	15.192	15.170	0.022
50.1	42	13.153	13.877	-0.724
50.1	44	15.170	13.855	1.315
50.2	45	11.179	11.859	-0.680
50.2	46	13.855	13.855	0.000
50.2	47	14.512	13.855	0.657
50.2	48	15.192	13.197	1.995
50.2	49	13.855	14.534	-0.679
100.1	50	14.512	14.491	0.021
100.1	51	15.170	13.833	1.337
100.1	52	14.512	12.517	1.995
100.1	53	15.192	13.197	1.995
100.1	55	12.495	14.512	-2.017
100.1	56	10.477	13.197	-2.720
100.1	57	15.192	15.170	0.022
100.1	58	12.495	13.197	-0.702
100.1	59	13.175	15.192	-2.017
100.1	60	14.491	12.517	1.974
100.1	199	15.192	13.175	2.017
100.1	200	13.175	13.855	-0.680
100.1	201	12.495	13.175	-0.680
100.1	203	13.833	13.197	0.636
100.1	204	13.175	12.517	0.658
100.1	205	15.170	15.192	-0.022
100.1	206	13.175	13.197	-0.022
100.1	207	12.517	15.192	-2.675
100.1	208	16.530	14.512	2.018
100.1	209	12.517	12.517	0.000
100.1	210	11.157	13.833	-2.676
100.1	211	14.512	14.534	-0.022
100.2	212	15.170	13.855	1.315
100.2	213	14.512	13.197	1.315
100.2	214	13.175	13.197	-0.022
100.2	216	14.512	12.517	1.995
100.2	217	10.499	14.512	-4.013
Max		16.530	15.872	3.355
Average		13.692	13.722	-0.030
Min		10.477	11.135	-4.737
Std Dev		1.485	1.143	1.863



10.3_ILim_Accuracy_300mA			
Test Site			
Tester			
Test Number			
Max Limit	30	pcnt	
Min Limit	-30	pcnt	

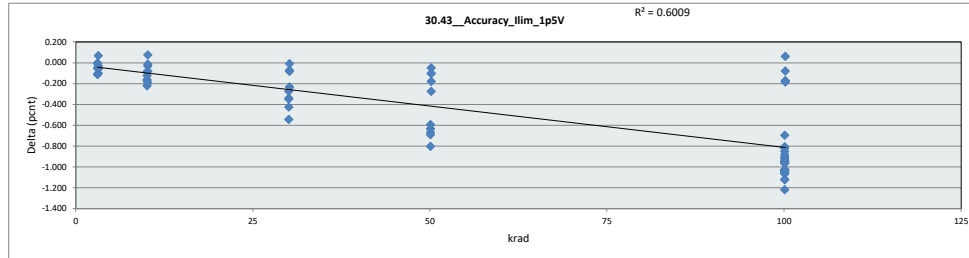
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000	-30.000
Min	11.157	11.837	13.175	11.157	12.517	11.135	12.517	11.859	12.517	12.517
Average	13.837	13.315	14.925	13.324	13.859	13.438	13.719	13.460	13.760	13.456
Max	15.850	14.512	15.872	14.534	14.534	15.192	15.170	14.534	15.192	14.512
UL	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000



HDR TID Report
TPS7H2201-SP

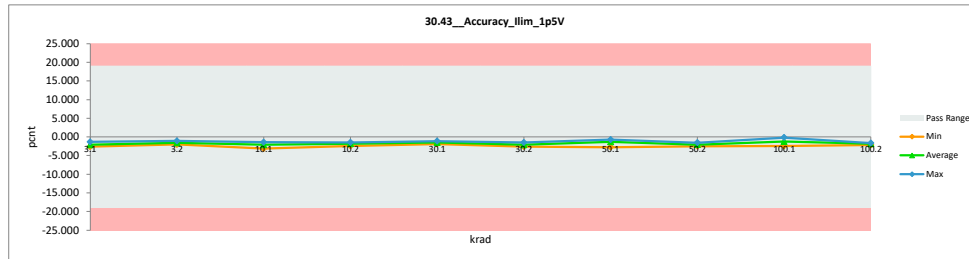
30.43_Accuracy_Ilim_1p5V	
Test Site	
Tester	
Test Number	
Unit	pcnt
Max Limit	19
Min Limit	-19

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	-2.605	-2.601	-0.004
3.1	3	-2.179	-2.172	-0.007
3.1	4	-1.460	-1.347	-0.113
3.1	5	-2.415	-2.302	-0.113
3.1	6	-2.147	-2.094	-0.053
3.2	7	-1.823	-1.721	-0.102
3.2	8	-1.900	-1.869	-0.031
3.2	9	-1.122	-1.062	-0.060
3.2	10	-1.950	-2.017	0.067
3.2	11	-1.277	-1.228	-0.049
10.1	12	-2.066	-1.893	-0.173
10.1	13	-3.267	-3.105	-0.162
10.1	14	-2.182	-2.059	-0.123
10.1	16	-1.633	-1.411	-0.222
10.1	17	-2.105	-2.017	-0.088
10.2	18	-1.735	-1.541	-0.194
10.2	19	-2.003	-1.921	-0.082
10.2	20	-1.763	-1.731	-0.032
10.2	22	-2.341	-2.415	0.074
10.2	23	-1.478	-1.464	-0.014
30.1	24	-2.235	-1.893	-0.342
30.1	26	-1.907	-1.633	-0.274
30.1	27	-1.883	-1.457	-0.426
30.1	29	-1.826	-1.478	-0.348
30.1	32	-1.657	-1.112	-0.545
30.2	33	-1.573	-1.499	-0.074
30.2	34	-2.675	-2.591	-0.084
30.2	35	-2.330	-2.094	-0.236
30.2	36	-2.496	-2.260	-0.236
30.2	37	-2.164	-2.154	-0.010
50.1	38	-1.379	-0.710	-0.669
50.1	39	-1.731	-1.097	-0.634
50.1	41	-1.714	-1.023	-0.691
50.1	42	-1.826	-1.023	-0.803
50.1	44	-3.341	-2.746	-0.595
50.2	45	-2.365	-2.260	-0.105
50.2	46	-1.686	-1.636	-0.050
50.2	47	-2.587	-2.312	-0.275
50.2	48	-2.686	-2.506	-0.180
50.2	49	-1.640	-1.538	-0.102
100.1	50	-1.541	-0.844	-0.697
100.1	51	-1.640	-0.611	-1.029
100.1	52	-2.960	-1.893	-1.067
100.1	53	-1.819	-0.872	-0.947
100.1	55	-3.457	-2.429	-1.028
100.1	56	-2.172	-1.217	-0.955
100.1	57	-1.080	-0.157	-0.923
100.1	58	-2.098	-1.291	-0.807
100.1	59	-1.911	-1.006	-0.905
100.1	60	-1.488	-0.604	-0.884
100.1	199	-1.735	-0.611	-1.124
100.1	200	-3.313	-2.094	-1.219
100.1	201	-2.415	-1.471	-0.944
100.1	203	-2.601	-1.576	-1.025
100.1	204	-1.728	-0.608	-1.120
100.1	205	-1.974	-1.122	-0.852
100.1	206	-3.045	-1.988	-1.057
100.1	207	-1.890	-0.854	-1.036
100.1	208	-2.161	-1.193	-0.968
100.1	209	-3.288	-2.242	-1.046
100.1	210	-2.052	-1.231	-0.821
100.1	211	-1.911	-0.950	-0.961
100.2	212	-1.573	-1.633	0.060
100.2	213	-2.069	-1.883	-0.186
100.2	214	-1.999	-1.826	-0.173
100.2	216	-1.890	-1.714	-0.176
100.2	217	-2.249	-2.168	-0.081
Max		-1.080	-0.157	0.074
Average		-2.078	-1.628	-0.450
Min		-3.457	-3.105	-1.219
Std Dev		0.536	0.613	0.414



30.43_Accuracy_Ilim_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	19
Min Limit	-19

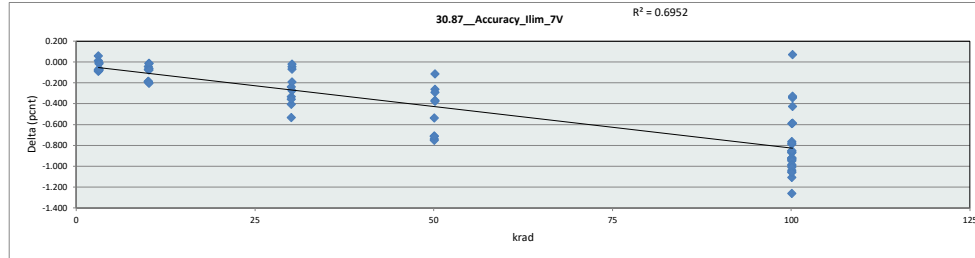
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000
Min	-2.601	-2.017	-3.105	-2.415	-1.893	-2.591	-2.746	-2.506	-2.429	-2.168
Average	-2.103	-1.579	-2.097	-1.814	-1.515	-2.120	-1.320	-2.050	-1.221	-1.845
Max	-1.347	-1.062	-1.411	-1.464	-1.112	-1.499	-0.710	-1.538	-0.157	-1.633
UL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000



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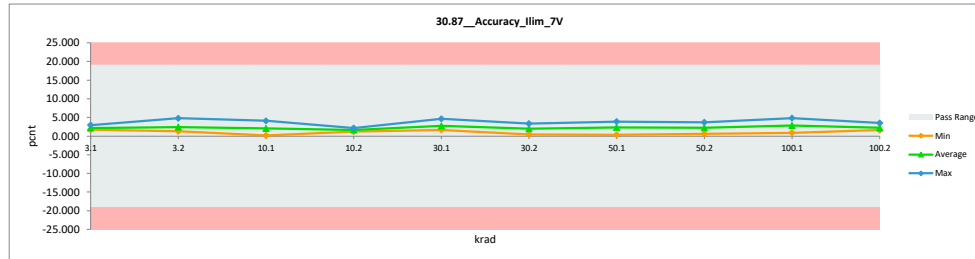
30.87_Accuracy_Ilim_7V	
Test Site	
Tester	
Test Number	
Unit	pcnt
Max Limit	19
Min Limit	-19

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.955	1.897	0.058
3.1	3	2.863	2.953	-0.090
3.1	4	2.366	2.444	-0.078
3.1	5	1.704	1.692	0.012
3.1	6	1.766	1.844	-0.078
3.2	7	1.289	1.297	-0.008
3.2	8	2.049	2.115	-0.066
3.2	9	4.687	4.769	-0.082
3.2	10	1.408	1.425	-0.017
3.2	11	2.382	2.456	-0.074
10.1	12	1.314	1.507	-0.193
10.1	13	0.118	0.192	-0.074
10.1	14	2.349	2.538	-0.189
10.1	16	3.902	4.087	-0.185
10.1	17	1.807	1.852	-0.045
10.2	18	1.433	1.495	-0.062
10.2	19	1.002	1.207	-0.205
10.2	20	2.123	2.136	-0.013
10.2	22	1.918	1.934	-0.016
10.2	23	1.441	1.519	-0.078
30.1	24	1.778	2.111	-0.333
30.1	26	2.131	2.370	-0.239
30.1	27	1.260	1.667	-0.407
30.1	29	2.538	2.896	-0.358
30.1	32	4.091	4.625	-0.534
30.2	33	3.253	3.323	-0.070
30.2	34	0.426	0.472	-0.046
30.2	35	1.593	1.786	-0.193
30.2	36	0.977	1.252	-0.275
30.2	37	3.138	3.159	-0.021
50.1	38	3.134	3.873	-0.739
50.1	39	1.930	2.468	-0.538
50.1	41	1.597	2.308	-0.711
50.1	42	1.885	2.637	-0.752
50.1	44	-0.391	0.324	-0.715
50.2	45	2.016	2.279	-0.263
50.2	46	2.801	2.916	-0.115
50.2	47	1.248	1.540	-0.292
50.2	48	0.262	0.632	-0.370
50.2	49	3.311	3.689	-0.378
100.1	50	3.750	4.342	-0.592
100.1	51	2.115	2.986	-0.871
100.1	52	-0.030	0.899	-0.929
100.1	53	1.696	2.616	-0.920
100.1	55	0.747	1.856	-1.109
100.1	56	1.610	2.551	-0.941
100.1	57	3.582	4.502	-0.920
100.1	58	1.100	2.033	-0.933
100.1	59	3.060	3.824	-0.764
100.1	60	2.456	3.245	-0.789
100.1	199	2.727	3.676	-0.949
100.1	200	0.131	1.186	-1.055
100.1	201	0.381	1.248	-0.867
100.1	203	1.092	2.086	-0.994
100.1	204	3.528	4.790	-1.262
100.1	205	2.538	3.578	-1.040
100.1	206	1.338	2.193	-0.855
100.1	207	2.805	3.656	-0.851
100.1	208	2.559	3.339	-0.780
100.1	209	0.020	1.006	-0.986
100.1	210	2.279	3.290	-1.011
100.1	211	2.259	3.319	-1.060
100.2	212	3.578	3.508	0.070
100.2	213	1.437	1.782	-0.345
100.2	214	1.277	1.704	-0.427
100.2	216	1.018	1.606	-0.588
100.2	217	2.049	2.378	-0.329
Max		4.687	4.790	0.070
Average		1.940	2.401	-0.462
Min		-0.391	0.192	-1.262
Std Dev		1.080	1.107	0.387



30.87_Accuracy_Ilim_7V	
Test Site	
Tester	
Test Number	
Max Limit	19
Min Limit	-19

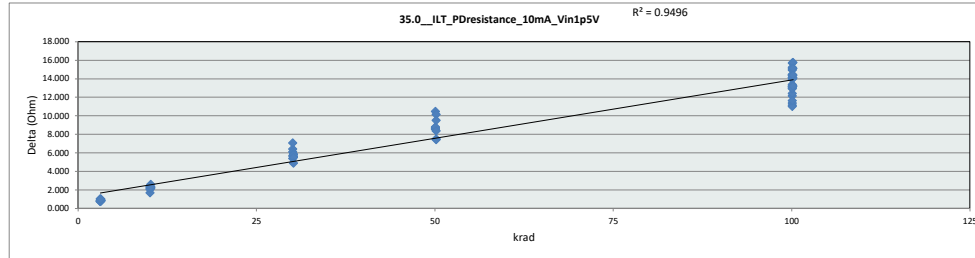
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000	-19.000
Min	1.692	1.297	0.192	1.207	1.667	0.472	0.324	0.632	0.899	1.606
Average	2.166	2.412	2.035	1.658	2.734	1.998	2.322	2.211	2.828	2.196
Max	2.953	4.769	4.087	2.136	4.625	3.323	3.873	3.689	4.790	3.508
UL	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000	19.000



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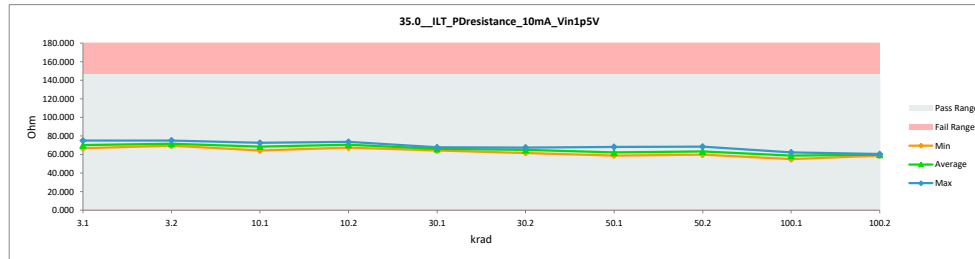
35.0_ILT_PDresistance_10mA	
Test Site	
Tester	
Test Number	
Unit	Ohm Ohm
Max Limit	146 146
Min Limit	0.05 0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	73.399	72.549	0.850
3.1	3	67.397	66.664	0.733
3.1	4	68.657	67.884	0.773
3.1	5	76.071	75.041	1.030
3.1	6	69.474	68.700	0.774
3.2	7	70.439	69.668	0.771
3.2	8	73.373	72.510	0.863
3.2	9	70.334	69.476	0.858
3.2	10	72.471	71.625	0.846
3.2	11	76.132	75.142	0.990
10.1	12	70.790	68.744	2.046
10.1	13	66.231	64.550	1.681
10.1	14	74.879	72.568	2.311
10.1	16	69.670	67.548	2.122
10.1	17	72.224	69.918	2.306
10.2	18	72.819	70.506	2.313
10.2	19	72.355	70.144	2.211
10.2	20	76.240	73.662	2.578
10.2	22	69.666	67.495	2.171
10.2	23	73.093	70.798	2.295
30.1	24	71.375	65.998	5.377
30.1	26	71.500	65.104	6.396
30.1	27	73.848	67.756	6.092
30.1	29	74.490	67.433	7.057
30.1	32	69.983	64.328	5.655
30.2	33	72.186	66.592	5.594
30.2	34	73.519	67.656	5.863
30.2	35	70.262	64.488	5.774
30.2	36	70.097	64.590	5.507
30.2	37	66.681	61.807	4.874
50.1	38	70.145	61.581	8.564
50.1	39	70.365	61.806	8.559
50.1	41	78.761	68.307	10.454
50.1	42	67.706	59.025	8.681
50.1	44	69.282	60.496	8.786
50.2	45	68.670	61.183	7.487
50.2	46	78.663	68.526	10.137
50.2	47	67.263	59.846	7.417
50.2	48	70.640	62.278	8.362
50.2	49	74.894	65.395	9.499
100.1	50	74.227	60.863	13.364
100.1	51	73.091	58.956	14.135
100.1	52	72.598	58.202	14.396
100.1	53	72.378	57.922	14.456
100.1	55	75.535	60.621	14.914
100.1	56	69.148	57.013	12.135
100.1	57	68.557	57.422	11.135
100.1	58	71.791	59.383	12.408
100.1	59	71.096	58.016	13.080
100.1	60	75.211	61.267	13.944
100.1	199	69.523	56.309	13.214
100.1	200	68.326	56.960	11.366
100.1	201	66.584	55.573	11.011
100.1	203	70.849	57.867	12.982
100.1	204	71.645	58.479	13.166
100.1	205	76.381	62.278	14.103
100.1	206	66.615	54.994	11.621
100.1	207	70.450	57.542	12.908
100.1	208	75.853	60.792	15.061
100.1	209	73.129	58.801	14.328
100.1	210	77.205	61.986	15.219
100.1	211	76.235	60.550	15.685
100.2	212	72.082	58.889	13.193
100.2	213	73.772	59.698	14.074
100.2	214	76.205	60.455	15.750
100.2	216	75.410	60.296	15.114
100.2	217	74.251	59.872	14.379
	Max	78.761	75.142	15.750
	Average	72.003	63.886	8.116
	Min	66.231	54.994	0.733
	Std Dev	3.072	5.356	5.233



35.0_ILT_PDresistance_10mA	
Test Site	
Tester	
Test Number	
Max Limit	146 Ohm
Min Limit	0.05 Ohm

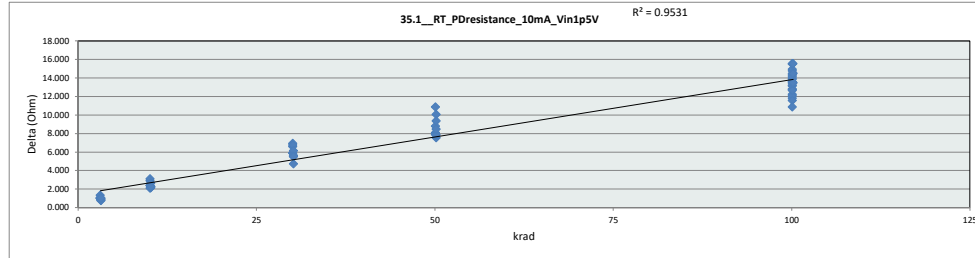
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	66.664	69.476	64.550	67.495	64.328	61.807	59.025	59.846	54.994	58.889
Average	70.168	71.684	68.666	70.521	66.124	65.027	62.243	63.446	58.718	59.842
Max	75.041	75.142	72.568	73.662	67.756	67.656	68.307	68.526	62.278	60.455
UL	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000



HDR TID Report
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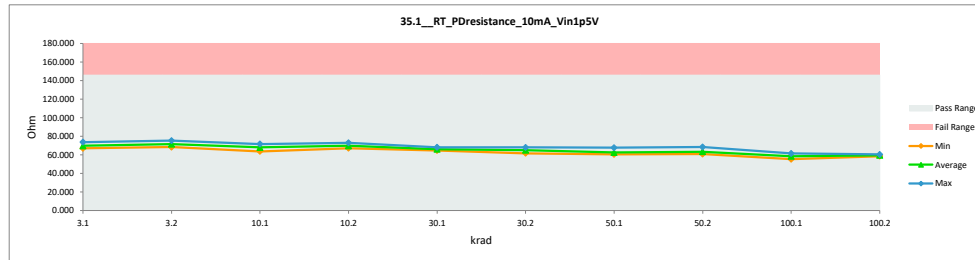
35.1_RT_PDresistance_10mA	
Test Site	
Tester	
Test Number	
Unit	Ohm Ohm
Max Limit	146 146
Min Limit	0.05 0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	72.084	71.026	1.058
3.1	3	67.994	66.994	1.000
3.1	4	68.999	68.008	0.991
3.1	5	75.123	73.799	1.324
3.1	6	69.892	68.900	0.992
3.2	7	69.108	68.358	0.750
3.2	8	73.333	72.543	0.790
3.2	9	71.030	70.165	0.865
3.2	10	72.720	71.748	0.972
3.2	11	76.258	75.224	1.034
10.1	12	70.733	68.356	2.377
10.1	13	65.873	63.794	2.079
10.1	14	74.548	71.661	2.887
10.1	16	69.916	67.531	2.385
10.1	17	71.590	68.500	3.090
10.2	18	72.682	70.426	2.256
10.2	19	71.662	69.440	2.222
10.2	20	75.585	72.957	2.628
10.2	22	69.324	67.190	2.134
10.2	23	70.858	68.621	2.237
30.1	24	71.585	65.701	5.884
30.1	26	71.125	65.240	5.885
30.1	27	73.554	66.974	6.580
30.1	29	75.072	68.144	6.928
30.1	32	71.544	64.785	6.759
30.2	33	72.456	66.830	5.626
30.2	34	74.139	68.004	6.135
30.2	35	69.749	64.223	5.526
30.2	36	69.556	64.068	5.488
30.2	37	66.443	61.724	4.719
50.1	38	69.035	61.162	7.873
50.1	39	70.313	62.240	8.073
50.1	41	78.609	67.750	10.859
50.1	42	68.434	60.462	7.972
50.1	44	69.702	60.920	8.782
50.2	45	68.791	61.268	7.523
50.2	46	78.497	68.451	10.046
50.2	47	68.677	60.843	7.834
50.2	48	70.476	62.009	8.467
50.2	49	73.999	64.654	9.345
100.1	50	74.304	60.447	13.857
100.1	51	73.185	59.201	13.984
100.1	52	71.206	57.658	13.548
100.1	53	70.487	57.351	13.136
100.1	55	75.401	60.644	14.757
100.1	56	70.047	56.447	13.600
100.1	57	68.761	56.957	11.804
100.1	58	69.824	57.598	12.226
100.1	59	71.190	58.414	12.776
100.1	60	75.039	60.583	14.456
100.1	199	69.948	57.156	12.792
100.1	200	68.350	56.296	12.054
100.1	201	66.870	55.307	11.563
100.1	203	70.446	57.239	13.207
100.1	204	72.203	59.552	12.651
100.1	205	75.649	61.344	14.305
100.1	206	66.490	55.624	10.866
100.1	207	72.463	59.023	13.440
100.1	208	75.715	60.787	14.928
100.1	209	72.757	58.579	14.178
100.1	210	77.012	61.493	15.519
100.1	211	75.847	60.333	15.514
100.2	212	72.871	59.410	13.461
100.2	213	72.122	58.636	13.486
100.2	214	75.921	60.385	15.536
100.2	216	73.828	59.307	14.521
100.2	217	74.450	59.982	14.468
	Max	78.609	75.224	15.536
	Average	71.843	63.678	8.164
	Min	65.873	55.307	0.750
	Std Dev	2.919	5.189	5.140



35.1_RT_PDresistance_10mA	
Test Site	
Tester	
Test Number	
Max Limit	146 Ohm
Min Limit	0.05 Ohm

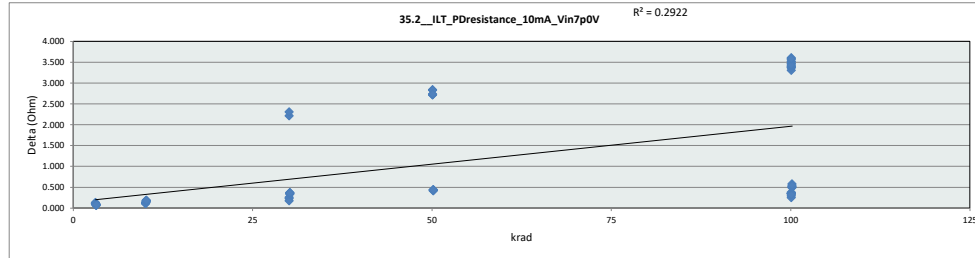
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	66.994	68.358	63.794	67.190	64.785	61.724	60.462	60.843	55.307	58.636
Average	69.745	71.608	67.968	69.727	66.169	64.970	62.507	63.445	58.547	59.544
Max	73.799	75.224	71.661	72.957	68.144	68.004	67.750	68.451	61.493	60.385
UL	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000



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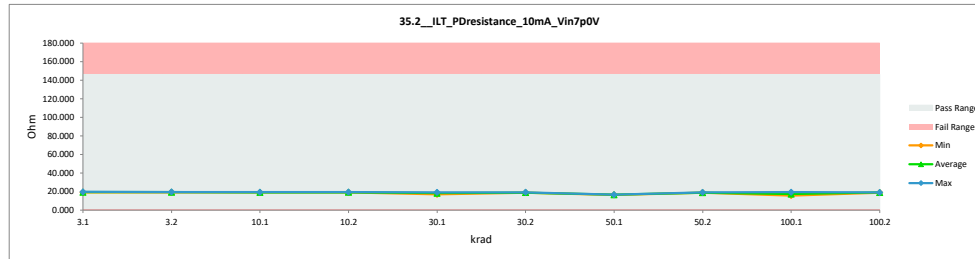
35.2_ILT_PDresistance_10mA		
Test Site		
Tester		
Test Number		
Unit	Ohm	Ohm
Max Limit	146	146
Min Limit	0.05	0.05

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	19.202	19.068	0.134
3.1	3	19.644	19.530	0.114
3.1	4	19.262	19.145	0.117
3.1	5	19.272	19.166	0.106
3.1	6	19.275	19.182	0.093
3.2	7	19.153	19.060	0.093
3.2	8	19.560	19.472	0.088
3.2	9	19.161	19.098	0.063
3.2	10	19.281	19.212	0.069
3.2	11	19.492	19.411	0.081
10.1	12	19.296	19.186	0.110
10.1	13	19.023	18.886	0.137
10.1	14	19.189	19.067	0.122
10.1	16	19.103	18.983	0.120
10.1	17	19.124	19.015	0.109
10.2	18	19.376	19.207	0.169
10.2	19	19.465	19.288	0.177
10.2	20	19.122	18.977	0.145
10.2	22	19.074	18.884	0.190
10.2	23	19.491	19.311	0.180
30.1	24	19.095	18.864	0.231
30.1	26	19.120	16.906	2.214
30.1	27	19.224	18.965	0.259
30.1	29	19.459	17.153	2.306
30.1	32	19.017	18.842	0.175
30.2	33	19.510	19.136	0.374
30.2	34	19.101	18.751	0.350
30.2	35	19.141	18.780	0.361
30.2	36	18.998	18.662	0.336
30.2	37	19.074	18.716	0.358
50.1	38	19.140	16.418	2.722
50.1	39	19.138	16.422	2.716
50.1	41	19.462	16.624	2.838
50.1	42	19.200	16.371	2.829
50.1	44	19.163	16.428	2.735
50.2	45	19.138	18.724	0.414
50.2	46	19.420	18.982	0.438
50.2	47	19.159	18.721	0.438
50.2	48	19.089	18.659	0.430
50.2	49	19.295	18.860	0.435
100.1	50	19.408	19.051	0.357
100.1	51	19.380	15.870	3.510
100.1	52	19.192	15.726	3.466
100.1	53	19.456	15.850	3.606
100.1	55	19.089	15.696	3.393
100.1	56	19.500	19.207	0.293
100.1	57	19.170	18.814	0.356
100.1	58	19.253	18.900	0.353
100.1	59	19.343	15.870	3.373
100.1	60	19.296	18.950	0.346
100.1	199	19.425	15.902	3.523
100.1	200	19.200	18.821	0.379
100.1	201	19.107	18.756	0.351
100.1	203	18.930	18.677	0.253
100.1	204	19.845	16.272	3.573
100.1	205	19.153	18.831	0.322
100.1	206	18.990	15.686	3.304
100.1	207	19.115	15.750	3.365
100.1	208	19.354	15.893	3.461
100.1	209	19.124	15.718	3.406
100.1	210	19.401	15.972	3.429
100.1	211	19.539	15.961	3.578
100.2	212	19.311	18.795	0.516
100.2	213	19.194	18.702	0.492
100.2	214	19.517	18.937	0.580
100.2	216	19.341	18.833	0.508
100.2	217	19.409	18.863	0.546
	Max	19.845	19.530	3.606
	Average	19.262	18.127	1.135
	Min	18.930	15.686	0.063
	Std Dev	0.179	1.345	1.363



35.2_ILT_PDresistance_10mA		
Test Site		
Tester		
Test Number		
Max Limit	146	Ohm
Min Limit	0.05	Ohm

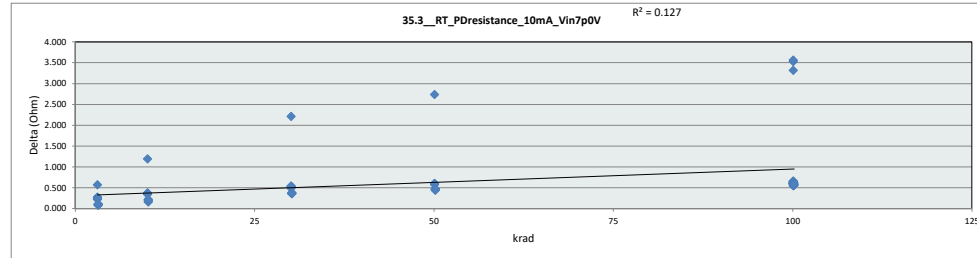
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	19.068	19.060	18.886	18.884	16.906	18.662	16.371	18.659	15.686	18.702
Average	19.218	19.251	19.027	19.133	18.146	18.809	16.453	18.789	17.103	18.826
Max	19.530	19.472	19.186	19.311	18.965	19.136	16.624	18.982	19.207	18.937
UL	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000



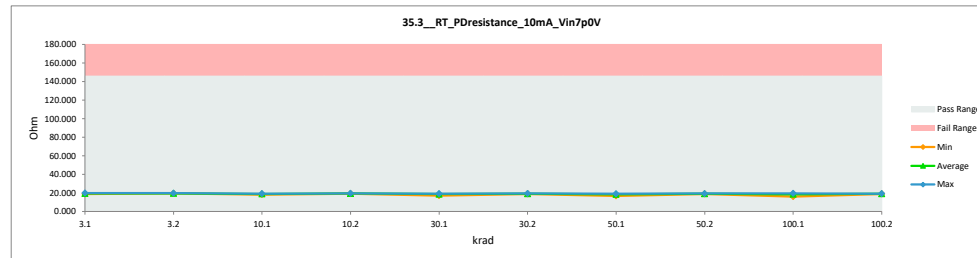
HDR TID Report
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35.3_RT_PDresistance_10mA			
Test Site			
Tester			
Test Number			
Unit	Ohm	Ohm	
Max Limit	146	146	
Min Limit	0.05	0.05	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	19.592	19.320	0.272
3.1	3	20.159	19.889	0.270
3.1	4	19.676	19.456	0.220
3.1	5	19.609	19.039	0.570
3.1	6	19.747	19.507	0.240
3.2	7	19.543	19.442	0.101
3.2	8	19.958	19.850	0.108
3.2	9	19.565	19.487	0.078
3.2	10	19.661	19.571	0.090
3.2	11	19.939	19.833	0.106
10.1	12	19.709	19.355	0.354
10.1	13	19.400	19.033	0.367
10.1	14	19.649	19.272	0.377
10.1	16	19.503	19.160	0.343
10.1	17	19.552	18.361	1.191
10.2	18	19.814	19.612	0.202
10.2	19	19.811	19.604	0.207
10.2	20	19.577	19.419	0.158
10.2	22	19.410	19.232	0.178
10.2	23	19.797	19.577	0.220
30.1	24	19.541	19.054	0.487
30.1	26	19.565	19.032	0.533
30.1	27	19.625	19.090	0.535
30.1	29	19.886	19.348	0.538
30.1	32	19.437	17.228	2.209
30.2	33	19.859	19.481	0.378
30.2	34	19.465	19.109	0.356
30.2	35	19.577	19.201	0.376
30.2	36	19.405	19.046	0.359
30.2	37	19.458	19.086	0.372
50.1	38	19.590	19.008	0.582
50.1	39	19.605	19.028	0.577
50.1	41	19.802	19.201	0.601
50.1	42	19.649	19.047	0.602
50.1	44	19.521	16.787	2.734
50.2	45	19.479	19.039	0.440
50.2	46	19.884	19.417	0.467
50.2	47	19.628	19.155	0.473
50.2	48	19.530	19.071	0.459
50.2	49	19.716	19.255	0.461
100.1	50	19.903	19.284	0.619
100.1	51	19.751	19.099	0.652
100.1	52	19.507	18.883	0.624
100.1	53	19.809	19.209	0.600
100.1	55	19.423	18.837	0.586
100.1	56	20.000	16.474	3.526
100.1	57	19.554	18.981	0.573
100.1	58	19.594	18.993	0.601
100.1	59	19.843	19.198	0.645
100.1	60	19.714	19.116	0.598
100.1	199	19.797	19.158	0.639
100.1	200	19.568	18.960	0.608
100.1	201	19.557	18.944	0.613
100.1	203	19.371	16.054	3.317
100.1	204	20.334	19.673	0.661
100.1	205	19.596	19.020	0.576
100.1	206	19.319	18.719	0.600
100.1	207	19.536	18.934	0.602
100.1	208	19.801	19.178	0.623
100.1	209	19.561	18.950	0.611
100.1	210	19.777	19.232	0.545
100.1	211	19.875	16.314	3.561
100.2	212	19.816	19.252	0.564
100.2	213	19.581	19.025	0.556
100.2	214	19.902	19.283	0.619
100.2	216	19.721	19.134	0.587
100.2	217	19.879	19.295	0.584
	Max	20.334	19.889	3.561
	Average	19.671	19.013	0.658
	Min	19.319	16.054	0.078
	Std Dev	0.192	0.755	0.730



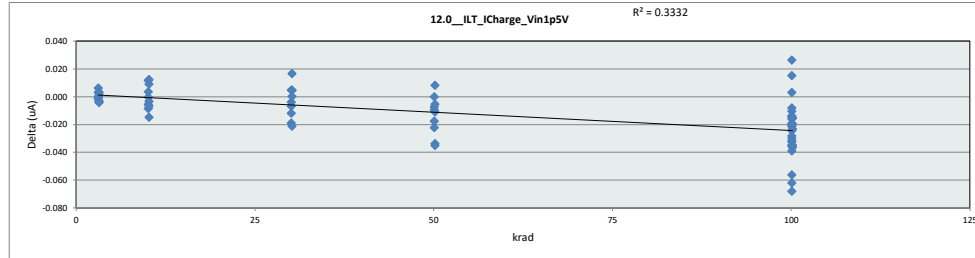
35.3_RT_PDresistance_10mA										
Test Site										
Tester										
Test Number										
Max Limit	146	Ohm								
Min Limit	0.05	Ohm								
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Min	19.039	19.442	18.361	19.232	17.228	19.046	16.787	19.039	16.054	19.025
Average	19.442	19.637	19.036	19.489	18.750	19.185	18.614	19.187	18.691	19.198
Max	19.889	19.850	19.355	19.612	19.348	19.481	19.201	19.417	19.673	19.295
UL	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000	146.000



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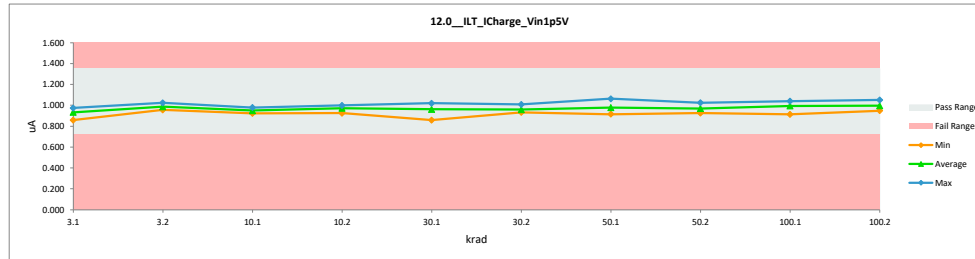
12.0_ILT_ICharge_Vin1p5V			
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	1.35	1.35	
Min Limit	0.72	0.72	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.861	0.857	0.003
3.1	3	0.951	0.952	-0.002
3.1	4	0.974	0.974	0.000
3.1	5	0.949	0.950	-0.001
3.1	6	0.941	0.935	0.006
3.2	7	0.952	0.956	-0.003
3.2	8	1.020	1.023	-0.003
3.2	9	0.976	0.973	0.003
3.2	10	1.005	1.009	-0.004
3.2	11	0.972	0.970	0.002
10.1	12	0.966	0.963	0.003
10.1	13	0.922	0.922	0.000
10.1	14	0.970	0.979	-0.009
10.1	16	0.927	0.932	-0.006
10.1	17	0.962	0.950	0.012
10.2	18	0.984	0.999	-0.015
10.2	19	0.997	0.988	0.009
10.2	20	0.921	0.925	-0.003
10.2	22	0.987	0.974	0.012
10.2	23	0.966	0.973	-0.007
30.1	24	0.940	0.959	-0.019
30.1	26	1.002	0.997	0.005
30.1	27	1.008	1.020	-0.012
30.1	29	0.969	0.973	-0.004
30.1	32	0.851	0.858	-0.007
30.2	33	0.987	1.008	-0.021
30.2	34	0.961	0.956	0.005
30.2	35	0.950	0.946	0.005
30.2	36	0.952	0.952	0.000
30.2	37	0.949	0.932	0.017
50.1	38	0.936	0.944	-0.007
50.1	39	0.995	1.013	-0.018
50.1	41	0.906	0.915	-0.009
50.1	42	1.040	1.063	-0.022
50.1	44	0.958	0.958	0.000
50.2	45	0.945	0.956	-0.011
50.2	46	0.933	0.925	0.008
50.2	47	0.910	0.944	-0.034
50.2	48	0.995	1.000	-0.005
50.2	49	0.989	1.024	-0.035
100.1	50	0.964	1.032	-0.068
100.1	51	1.008	1.040	-0.032
100.1	52	0.974	0.995	-0.021
100.1	53	1.038	1.035	0.003
100.1	55	0.966	0.981	-0.014
100.1	56	0.977	1.007	-0.030
100.1	57	0.968	0.989	-0.021
100.1	58	0.983	0.956	0.026
100.1	59	0.893	0.913	-0.019
100.1	60	0.899	0.956	-0.056
100.1	199	0.976	0.984	-0.008
100.1	200	0.979	1.003	-0.024
100.1	201	0.996	1.031	-0.035
100.1	203	0.968	0.979	-0.010
100.1	204	0.981	1.009	-0.028
100.1	205	1.013	1.027	-0.014
100.1	206	0.955	0.940	0.015
100.1	207	0.954	0.989	-0.035
100.1	208	0.976	1.015	-0.039
100.1	209	0.976	1.038	-0.062
100.1	210	0.911	0.927	-0.016
100.1	211	0.989	1.021	-0.032
100.2	212	0.962	0.998	-0.037
100.2	213	0.974	1.009	-0.035
100.2	214	1.028	1.052	-0.023
100.2	216	0.934	0.949	-0.015
100.2	217	0.950	0.969	-0.020
Max		1.040	1.063	0.026
Average		0.964	0.976	-0.012
Min		0.851	0.857	-0.068
Std Dev		0.037	0.042	0.018



12.0_ILT_ICharge_Vin1p5V			
Test Site			
Tester			
Test Number			
Max Limit	1.35	uA	
Min Limit	0.72	uA	

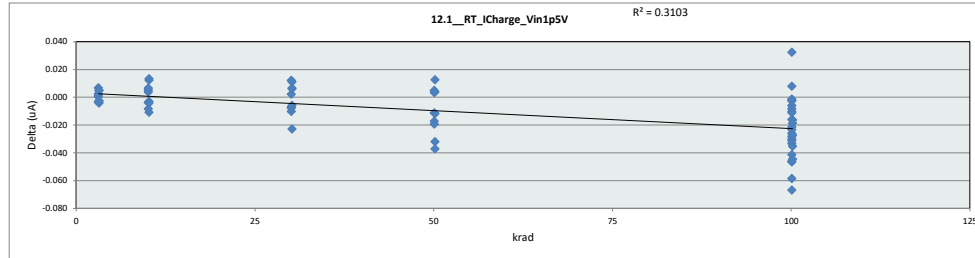
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
Min	0.857	0.956	0.922	0.925	0.858	0.932	0.915	0.925	0.913	0.949
Average	0.934	0.986	0.949	0.972	0.961	0.959	0.979	0.970	0.994	0.996
Max	0.974	1.023	0.979	0.999	1.020	1.008	1.063	1.024	1.040	1.052
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



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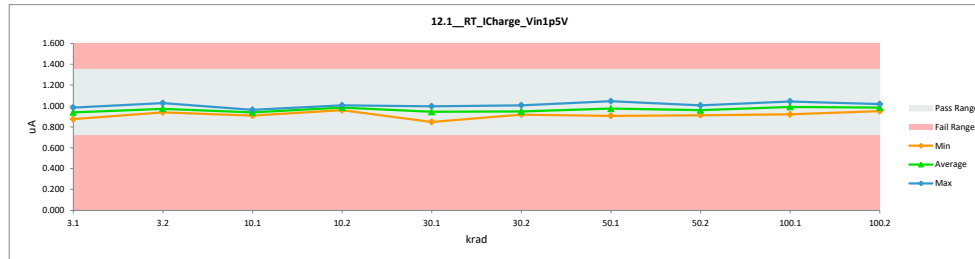
12.1_RT_ICharge_Vin1p5V			
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	1.35	1.35	
Min Limit	0.72	0.72	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.876	0.873	0.002
3.1	3	0.981	0.985	-0.004
3.1	4	0.953	0.953	0.000
3.1	5	0.936	0.934	0.002
3.1	6	0.953	0.946	0.007
3.2	7	0.933	0.938	-0.004
3.2	8	1.024	1.027	-0.003
3.2	9	0.948	0.943	0.005
3.2	10	0.992	0.994	-0.002
3.2	11	0.967	0.962	0.005
10.1	12	0.956	0.951	0.005
10.1	13	0.911	0.907	0.004
10.1	14	0.958	0.962	-0.004
10.1	16	0.916	0.925	-0.008
10.1	17	0.958	0.951	0.007
10.2	18	0.989	1.000	-0.011
10.2	19	1.007	0.995	0.012
10.2	20	0.956	0.959	-0.003
10.2	22	1.020	1.007	0.013
10.2	23	0.963	0.967	-0.004
30.1	24	0.934	0.945	-0.010
30.1	26	0.985	0.973	0.012
30.1	27	0.990	0.997	-0.007
30.1	29	0.948	0.956	-0.008
30.1	32	0.849	0.847	0.002
30.2	33	0.983	1.006	-0.023
30.2	34	0.943	0.937	0.006
30.2	35	0.944	0.937	0.007
30.2	36	0.937	0.943	-0.006
30.2	37	0.929	0.918	0.011
50.1	38	0.958	0.955	0.003
50.1	39	0.995	1.013	-0.017
50.1	41	0.895	0.906	-0.011
50.1	42	1.025	1.045	-0.019
50.1	44	0.955	0.950	0.005
50.2	45	0.945	0.956	-0.012
50.2	46	0.925	0.912	0.013
50.2	47	0.893	0.925	-0.032
50.2	48	1.005	1.001	0.004
50.2	49	0.968	1.005	-0.037
100.1	50	0.972	1.031	-0.059
100.1	51	1.004	1.034	-0.030
100.1	52	0.973	1.002	-0.028
100.1	53	1.041	1.043	-0.002
100.1	55	0.952	0.953	-0.001
100.1	56	0.990	1.021	-0.031
100.1	57	0.945	0.948	-0.003
100.1	58	1.001	0.969	0.032
100.1	59	0.899	0.925	-0.026
100.1	60	0.932	0.978	-0.047
100.1	199	0.966	0.972	-0.006
100.1	200	0.999	1.008	-0.008
100.1	201	0.987	1.010	-0.023
100.1	203	0.962	0.972	-0.010
100.1	204	0.976	1.010	-0.033
100.1	205	0.996	1.007	-0.011
100.1	206	0.960	0.952	0.008
100.1	207	0.956	0.997	-0.041
100.1	208	0.967	1.013	-0.046
100.1	209	0.963	1.030	-0.067
100.1	210	0.903	0.919	-0.016
100.1	211	0.990	1.011	-0.021
100.2	212	0.955	0.991	-0.035
100.2	213	0.972	1.017	-0.045
100.2	214	0.991	1.018	-0.027
100.2	216	0.937	0.953	-0.016
100.2	217	0.932	0.951	-0.019
Max		1.041	1.045	0.032
Average		0.960	0.971	-0.011
Min		0.849	0.847	-0.067
Std Dev		0.036	0.041	0.019



12.1_RT_ICharge_Vin1p5V			
Test Site			
Tester			
Test Number			
Max Limit	1.35	uA	
Min Limit	0.72	uA	

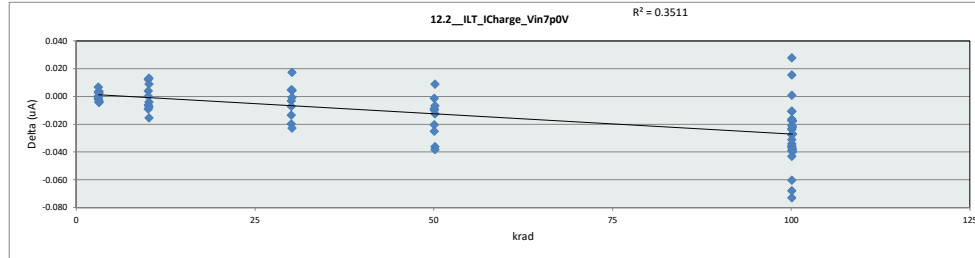
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
Min	0.873	0.938	0.907	0.959	0.847	0.918	0.906	0.912	0.919	0.951
Average	0.938	0.973	0.939	0.986	0.944	0.948	0.974	0.960	0.991	0.986
Max	0.985	1.027	0.962	1.007	0.997	1.006	1.045	1.005	1.043	1.018
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



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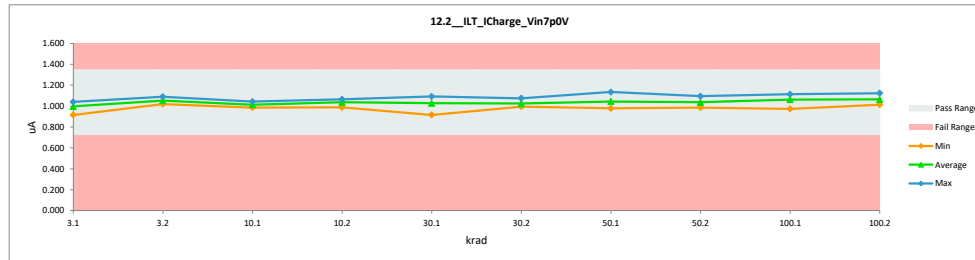
12.2_ILT_ICharge_Vin7p0V			
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	1.35	1.35	
Min Limit	0.72	0.72	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.919	0.916	0.003
3.1	3	1.018	1.020	-0.002
3.1	4	1.040	1.040	0.000
3.1	5	1.013	1.015	-0.001
3.1	6	1.003	0.997	0.007
3.2	7	1.016	1.020	-0.004
3.2	8	1.085	1.089	-0.004
3.2	9	1.039	1.036	0.004
3.2	10	1.073	1.077	-0.004
3.2	11	1.039	1.037	0.002
10.1	12	1.031	1.027	0.004
10.1	13	0.987	0.987	0.000
10.1	14	1.034	1.043	-0.009
10.1	16	0.991	0.997	-0.006
10.1	17	1.025	1.013	0.012
10.2	18	1.049	1.065	-0.016
10.2	19	1.064	1.055	0.009
10.2	20	0.983	0.987	-0.004
10.2	22	1.054	1.041	0.013
10.2	23	1.028	1.035	-0.008
30.1	24	1.004	1.024	-0.020
30.1	26	1.068	1.064	0.005
30.1	27	1.079	1.093	-0.014
30.1	29	1.037	1.040	-0.003
30.1	32	0.909	0.916	-0.007
30.2	33	1.053	1.076	-0.023
30.2	34	1.023	1.019	0.004
30.2	35	1.015	1.011	0.004
30.2	36	1.018	1.018	-0.001
30.2	37	1.013	0.996	0.017
50.1	38	0.999	1.008	-0.009
50.1	39	1.061	1.082	-0.020
50.1	41	0.968	0.978	-0.010
50.1	42	1.109	1.134	-0.025
50.1	44	1.022	1.023	-0.001
50.2	45	1.010	1.023	-0.013
50.2	46	0.995	0.987	0.009
50.2	47	0.972	1.008	-0.036
50.2	48	1.061	1.068	-0.007
50.2	49	1.057	1.095	-0.038
100.1	50	1.028	1.101	-0.073
100.1	51	1.073	1.109	-0.036
100.1	52	1.040	1.064	-0.024
100.1	53	1.107	1.106	0.001
100.1	55	1.029	1.047	-0.017
100.1	56	1.042	1.077	-0.034
100.1	57	1.034	1.057	-0.023
100.1	58	1.050	1.023	0.028
100.1	59	0.953	0.974	-0.021
100.1	60	0.960	1.020	-0.060
100.1	199	1.041	1.051	-0.011
100.1	200	1.042	1.070	-0.028
100.1	201	1.062	1.099	-0.037
100.1	203	1.030	1.041	-0.011
100.1	204	1.045	1.076	-0.031
100.1	205	1.078	1.095	-0.016
100.1	206	1.018	1.002	0.015
100.1	207	1.019	1.058	-0.039
100.1	208	1.040	1.083	-0.043
100.1	209	1.045	1.113	-0.068
100.1	210	0.976	0.994	-0.017
100.1	211	1.059	1.094	-0.036
100.2	212	1.026	1.066	-0.040
100.2	213	1.042	1.080	-0.038
100.2	214	1.097	1.124	-0.027
100.2	216	0.997	1.014	-0.018
100.2	217	1.013	1.035	-0.022
Max		1.109	1.134	0.028
Average		1.029	1.042	-0.014
Min		0.909	0.916	-0.073
Std Dev		0.039	0.045	0.020



12.2_ILT_ICharge_Vin7p0V			
Test Site			
Tester			
Test Number			
Max Limit	1.35	uA	
Min Limit	0.72	uA	

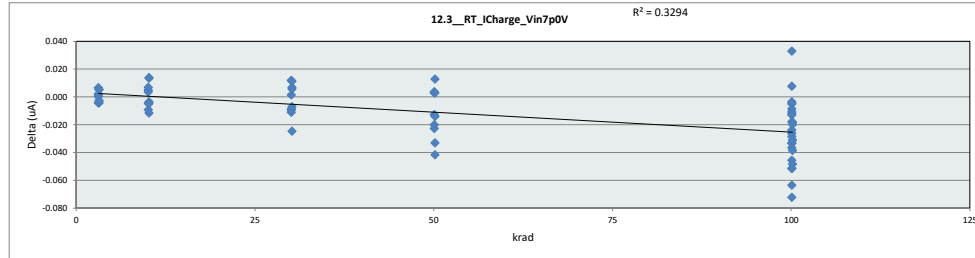
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
Min	0.916	1.020	0.987	0.987	0.916	0.996	0.978	0.987	0.974	1.014
Average	0.998	1.052	1.014	1.037	1.027	1.024	1.045	1.036	1.061	1.064
Max	1.040	1.089	1.043	1.065	1.093	1.076	1.134	1.095	1.113	1.124
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



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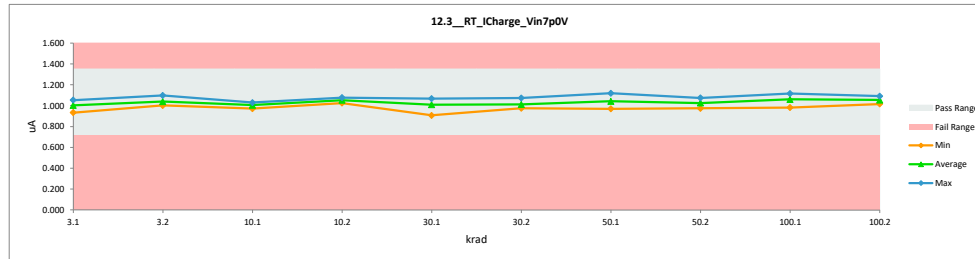
12.3_RT_ICharge_Vin7p0V			
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	1.35	1.35	
Min Limit	0.72	0.72	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.935	0.933	0.002
3.1	3	1.049	1.053	-0.004
3.1	4	1.019	1.019	0.000
3.1	5	0.996	0.995	0.001
3.1	6	1.019	1.012	0.007
3.2	7	0.997	1.001	-0.004
3.2	8	1.094	1.098	-0.003
3.2	9	1.011	1.005	0.005
3.2	10	1.056	1.059	-0.002
3.2	11	1.032	1.026	0.005
10.1	12	1.026	1.021	0.005
10.1	13	0.974	0.971	0.004
10.1	14	1.024	1.029	-0.005
10.1	16	0.976	0.985	-0.009
10.1	17	1.023	1.016	0.007
10.2	18	1.054	1.066	-0.012
10.2	19	1.076	1.062	0.013
10.2	20	0.720	0.720	-0.004
10.2	22	1.090	1.076	0.014
10.2	23	1.025	1.030	-0.005
30.1	24	1.000	1.011	-0.011
30.1	26	1.052	1.041	0.012
30.1	27	1.058	1.067	-0.009
30.1	29	1.012	1.021	-0.009
30.1	32	0.908	0.906	0.001
30.2	33	1.048	1.073	-0.025
30.2	34	1.005	0.999	0.006
30.2	35	1.010	1.003	0.007
30.2	36	0.999	1.006	-0.007
30.2	37	0.986	0.975	0.011
50.1	38	1.022	1.019	0.003
50.1	39	1.064	1.084	-0.020
50.1	41	0.957	0.970	-0.013
50.1	42	1.096	1.119	-0.023
50.1	44	1.018	1.015	0.004
50.2	45	1.007	1.021	-0.014
50.2	46	0.986	0.974	0.013
50.2	47	0.956	0.989	-0.033
50.2	48	1.071	1.068	0.003
50.2	49	1.033	1.075	-0.042
100.1	50	1.034	1.097	-0.063
100.1	51	1.070	1.104	-0.033
100.1	52	1.041	1.074	-0.033
100.1	53	1.111	1.116	-0.005
100.1	55	1.014	1.018	-0.004
100.1	56	1.056	1.089	-0.033
100.1	57	1.011	1.016	-0.005
100.1	58	1.067	1.035	0.033
100.1	59	0.958	0.987	-0.028
100.1	60	0.996	1.048	-0.051
100.1	199	1.026	1.035	-0.009
100.1	200	1.067	1.077	-0.011
100.1	201	1.056	1.082	-0.026
100.1	203	1.024	1.036	-0.012
100.1	204	1.045	1.082	-0.037
100.1	205	1.062	1.075	-0.013
100.1	206	1.024	1.016	0.008
100.1	207	1.019	1.065	-0.046
100.1	208	1.033	1.085	-0.052
100.1	209	1.032	1.104	-0.072
100.1	210	0.964	0.981	-0.018
100.1	211	1.061	1.085	-0.024
100.2	212	1.018	1.057	-0.039
100.2	213	1.037	1.086	-0.048
100.2	214	1.060	1.091	-0.031
100.2	216	1.000	1.018	-0.018
100.2	217	0.996	1.016	-0.020
	Max	1.111	1.119	0.033
	Average	1.025	1.037	-0.012
	Min	0.908	0.906	-0.072
	Std Dev	0.039	0.045	0.020



12.3_RT_ICharge_Vin7p0V			
Test Site			
Tester			
Test Number			
Max Limit	1.35	uA	
Min Limit	0.72	uA	

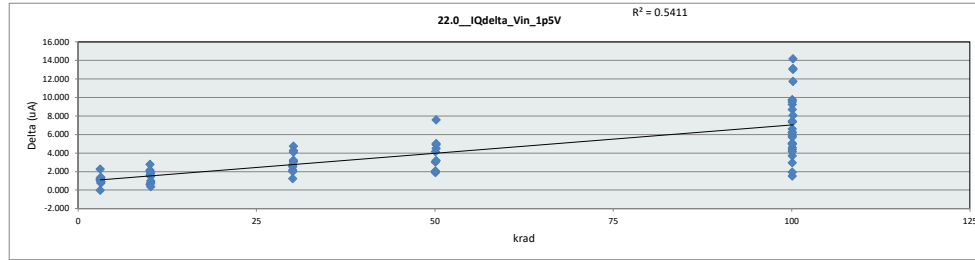
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
Min	0.933	1.001	0.971	1.024	0.906	0.975	0.970	0.974	0.981	1.016
Average	1.003	1.038	1.004	1.052	1.009	1.011	1.041	1.025	1.059	1.053
Max	1.053	1.098	1.029	1.076	1.067	1.073	1.119	1.075	1.116	1.091
UL	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350	1.350



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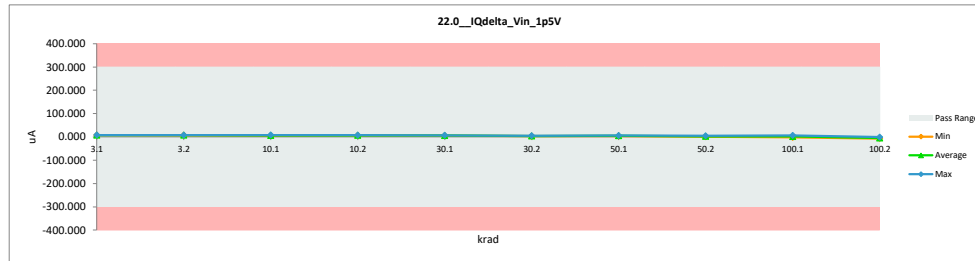
22.0_IQdelta_Vin_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	300
Min Limit	-300

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	9.891	7.633	2.258
3.1	3	8.900	7.826	1.075
3.1	4	8.725	7.425	1.300
3.1	5	8.660	7.522	1.137
3.1	6	8.229	8.252	-0.023
3.2	7	8.522	7.360	1.163
3.2	8	8.528	7.635	0.893
3.2	9	8.149	6.773	1.376
3.2	10	8.394	7.651	0.743
3.2	11	8.082	7.155	0.928
10.1	12	8.578	7.969	0.610
10.1	13	8.545	6.934	1.611
10.1	14	8.073	5.304	2.769
10.1	16	8.028	6.040	1.988
10.1	17	8.176	6.025	2.152
10.2	18	8.269	6.804	1.465
10.2	19	7.933	6.955	0.978
10.2	20	8.256	7.483	0.773
10.2	22	7.791	7.422	0.369
10.2	23	8.007	6.197	1.810
30.1	24	7.926	5.197	2.729
30.1	26	8.097	5.938	2.159
30.1	27	8.040	5.523	2.518
30.1	29	8.029	6.795	1.234
30.1	32	8.054	6.062	1.991
30.2	33	7.787	3.064	4.722
30.2	34	8.288	4.017	4.270
30.2	35	7.798	4.579	3.219
30.2	36	8.044	4.997	3.047
30.2	37	7.788	3.697	4.091
50.1	38	7.697	4.685	3.012
50.1	39	7.889	5.933	1.956
50.1	41	7.991	3.849	4.142
50.1	42	7.702	5.818	1.885
50.1	44	7.456	5.403	2.053
50.2	45	8.052	0.483	7.568
50.2	46	7.421	2.526	4.895
50.2	47	7.377	2.884	4.493
50.2	48	7.653	4.485	3.168
50.2	49	7.156	2.154	5.002
100.1	50	7.558	3.863	3.695
100.1	51	7.737	2.717	5.020
100.1	52	7.456	1.211	6.245
100.1	53	7.285	4.341	2.945
100.1	55	7.620	3.040	4.580
100.1	56	7.010	1.144	5.866
100.1	57	7.603	-2.112	9.715
100.1	58	7.326	-0.105	7.431
100.1	59	7.538	3.168	4.370
100.1	60	7.156	0.556	6.600
100.1	199	7.610	2.566	5.044
100.1	200	7.556	-2.200	9.756
100.1	201	7.512	-1.729	9.241
100.1	203	7.902	-1.610	9.513
100.1	204	7.834	2.119	5.714
100.1	205	7.582	1.398	6.185
100.1	206	7.555	6.045	1.511
100.1	207	7.353	0.007	7.346
100.1	208	7.414	5.484	1.930
100.1	209	7.549	3.398	4.151
100.1	210	7.239	-1.459	8.697
100.1	211	7.413	2.461	4.952
100.2	212	7.053	-1.010	8.063
100.2	213	7.242	-5.864	13.107
100.2	214	7.328	-6.833	14.161
100.2	216	7.266	-5.766	13.032
100.2	217	7.182	-4.550	11.731
Max		9.891	8.252	14.161
Average		7.834	3.593	4.241
Min		7.010	-6.833	-0.023
Std Dev		0.510	3.710	3.382



22.0_IQdelta_Vin_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	300 uA
Min Limit	-300 uA

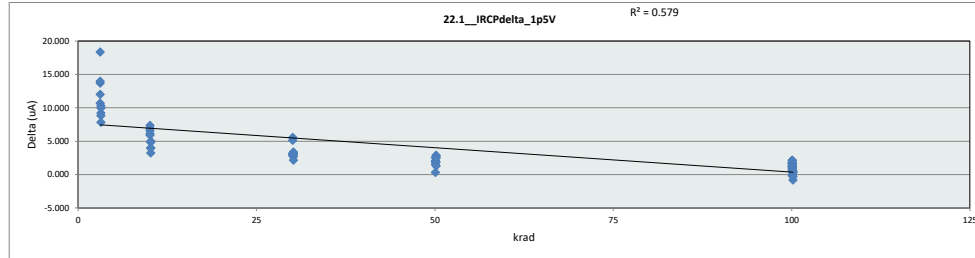
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000
Min	7.425	6.773	5.304	6.197	5.197	3.064	3.849	0.483	-2.200	-6.833
Average	7.732	7.315	6.454	6.972	5.903	4.071	5.137	2.507	1.559	-4.804
Max	8.252	7.651	7.969	7.483	6.795	4.997	5.933	4.485	6.045	-1.010
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
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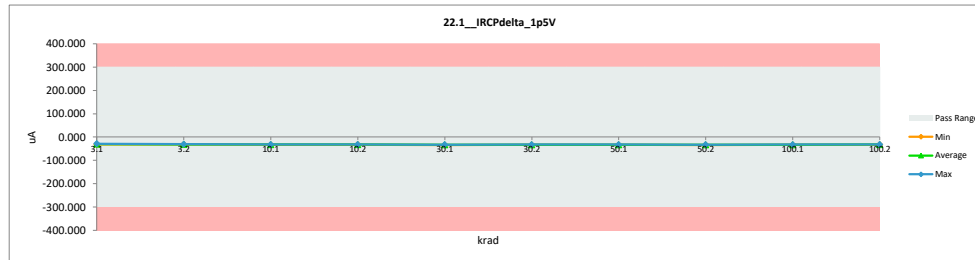
22.1_IRCPdelta_1p5V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	300 300
Min Limit	-300 -300

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	-10.937	-29.289	18.352
3.1	3	-14.618	-28.310	13.693
3.1	4	-17.281	-31.247	13.967
3.1	5	-18.486	-30.503	12.016
3.1	6	-19.939	-30.623	10.684
3.2	7	-20.273	-30.588	10.315
3.2	8	-21.657	-31.608	9.951
3.2	9	-22.072	-31.280	9.209
3.2	10	-22.642	-31.454	8.812
3.2	11	-23.825	-31.649	7.824
10.1	12	-24.842	-31.431	6.589
10.1	13	-25.194	-32.120	6.926
10.1	14	-25.966	-32.078	6.112
10.1	16	-25.748	-33.094	7.346
10.1	17	-26.625	-32.521	5.896
10.2	18	-27.041	-32.034	4.993
10.2	19	-27.331	-32.145	4.814
10.2	20	-27.473	-31.453	3.980
10.2	22	-29.150	-32.374	3.223
10.2	23	-28.528	-32.458	3.930
30.1	24	-28.198	-33.745	5.546
30.1	26	-28.923	-34.038	5.115
30.1	27	-29.510	-32.542	3.032
30.1	29	-29.423	-32.609	3.186
30.1	32	-29.616	-32.441	2.824
30.2	33	-29.496	-32.649	3.152
30.2	34	-29.372	-32.057	2.685
30.2	35	-29.822	-32.826	3.003
30.2	36	-29.939	-33.291	3.352
30.2	37	-30.443	-32.592	2.149
50.1	38	-31.999	-32.305	0.306
50.1	39	-30.421	-32.476	2.054
50.1	41	-30.777	-32.295	1.518
50.1	42	-30.913	-32.794	1.881
50.1	44	-30.975	-33.516	2.541
50.2	45	-30.484	-33.364	2.880
50.2	46	-31.064	-32.926	1.862
50.2	47	-31.064	-32.338	1.274
50.2	48	-31.067	-33.751	2.684
50.2	49	-31.216	-33.660	2.443
100.1	50	-31.250	-33.041	1.791
100.1	51	-31.052	-32.661	1.609
100.1	52	-31.086	-32.789	1.703
100.1	53	-31.525	-32.447	0.922
100.1	55	-31.517	-32.902	1.385
100.1	56	-31.430	-33.578	2.148
100.1	57	-31.235	-32.860	1.625
100.1	58	-31.152	-32.777	1.626
100.1	59	-31.354	-33.050	1.695
100.1	60	-31.312	-33.408	2.097
100.1	199	-31.415	-32.752	1.337
100.1	200	-31.487	-33.283	1.795
100.1	201	-31.863	-32.575	0.712
100.1	203	-31.757	-32.742	0.985
100.1	204	-31.197	-32.360	1.164
100.1	205	-31.497	-32.624	1.127
100.1	206	-31.634	-32.825	1.191
100.1	207	-32.570	-32.509	-0.060
100.1	208	-31.585	-32.223	0.639
100.1	209	-32.211	-32.094	-0.117
100.1	210	-31.704	-32.251	0.547
100.1	211	-31.777	-32.902	1.125
100.2	212	-31.864	-32.331	0.467
100.2	213	-31.945	-32.222	0.277
100.2	214	-32.473	-31.637	-0.836
100.2	216	-32.120	-31.778	-0.342
100.2	217	-31.959	-32.424	0.464
Max		-10.937	-28.310	18.352
Average		-28.632	-32.351	3.719
Min		-32.570	-34.038	-0.836
Std Dev		4.612	0.971	3.891



22.1_IRCPdelta_1p5V	
Test Site	
Tester	
Test Number	
Max Limit	300 uA
Min Limit	-300 uA

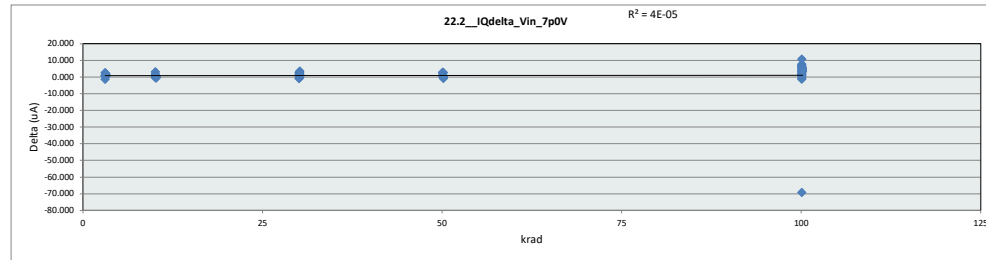
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000
Min	-31.248	-31.649	-33.094	-32.458	-34.038	-33.291	-33.516	-33.751	-33.578	-32.424
Average	-29.995	-31.316	-32.249	-32.093	-33.075	-32.683	-32.677	-33.208	-32.757	-32.078
Max	-28.310	-30.588	-31.431	-31.453	-32.441	-32.058	-32.295	-32.338	-32.094	-31.637
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
TPS7H2201-SP

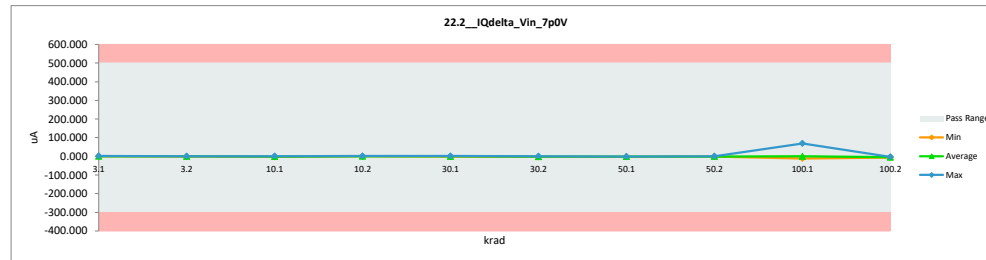
22.2_IQdelta_Vin_7p0V	
Test Site	
Tester	
Test Number	
Unit	uA uA
Max Limit	500 500
Min Limit	-300 -300

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	3.001	0.441	2.560
3.1	3	1.281	0.368	0.913
3.1	4	0.498	-0.317	0.815
3.1	5	0.996	0.323	0.673
3.1	6	0.012	1.477	-1.465
3.2	7	0.917	-0.567	1.484
3.2	8	0.365	-0.294	0.660
3.2	9	1.119	-0.734	1.853
3.2	10	0.494	0.352	0.142
3.2	11	0.945	-0.796	1.741
10.1	12	0.637	1.014	-0.377
10.1	13	0.717	0.329	0.387
10.1	14	0.097	-2.988	3.085
10.1	16	0.051	-1.687	1.738
10.1	17	0.064	-0.587	0.650
10.2	18	0.380	0.152	0.228
10.2	19	0.177	0.294	-0.118
10.2	20	0.623	1.381	-0.758
10.2	22	0.310	0.357	-0.047
10.2	23	0.174	-0.185	0.359
30.1	24	0.518	-2.100	2.618
30.1	26	0.376	1.032	-0.656
30.1	27	0.307	-0.497	0.804
30.1	29	0.527	-1.187	1.714
30.1	32	0.471	1.479	-1.008
30.2	33	0.549	-2.925	3.474
30.2	34	0.715	-2.029	2.744
30.2	35	0.045	0.343	-0.299
30.2	36	0.801	-0.648	1.449
30.2	37	-0.184	-1.812	1.628
50.1	38	0.003	-1.933	1.936
50.1	39	0.178	-0.641	0.820
50.1	41	0.278	-2.522	2.801
50.1	42	-0.287	-0.765	0.478
50.1	44	-0.133	-0.780	0.647
50.2	45	0.627	-1.990	2.616
50.2	46	0.160	-0.448	0.608
50.2	47	-0.316	-0.155	-0.161
50.2	48	-0.082	0.863	-0.945
50.2	49	-0.818	-0.887	0.069
100.1	50	-0.091	69.214	-69.306
100.1	51	0.046	-1.447	1.494
100.1	52	-0.340	-1.071	0.730
100.1	53	-0.502	0.880	-1.381
100.1	55	0.036	-3.328	3.364
100.1	56	-0.157	-4.805	4.648
100.1	57	-0.267	-5.722	5.455
100.1	58	0.246	-2.171	2.417
100.1	59	-0.021	-3.497	3.475
100.1	60	-0.401	-5.832	5.431
100.1	199	0.097	-1.762	1.859
100.1	200	0.114	-6.427	6.541
100.1	201	0.154	-7.451	7.605
100.1	203	0.512	-6.693	7.205
100.1	204	0.388	-3.325	3.713
100.1	205	-0.135	-3.622	3.486
100.1	206	0.213	0.158	0.055
100.1	207	-0.167	-6.610	6.443
100.1	208	-0.107	0.902	-1.009
100.1	209	-0.086	-0.694	0.608
100.1	210	-0.377	-11.077	10.701
100.1	211	-0.281	-2.252	1.971
100.2	212	-0.025	-3.386	3.361
100.2	213	-0.375	-4.140	3.765
100.2	214	-0.345	-5.730	5.385
100.2	216	-0.273	-5.051	4.778
100.2	217	-0.524	-4.015	3.490
Max		3.001	69.214	10.701
Average		0.208	-0.720	0.928
Min		-0.818	-11.077	-69.306
Std Dev		0.550	9.033	9.032



22.2_IQdelta_Vin_7p0V	
Test Site	
Tester	
Test Number	
Max Limit	500 uA
Min Limit	-300 uA

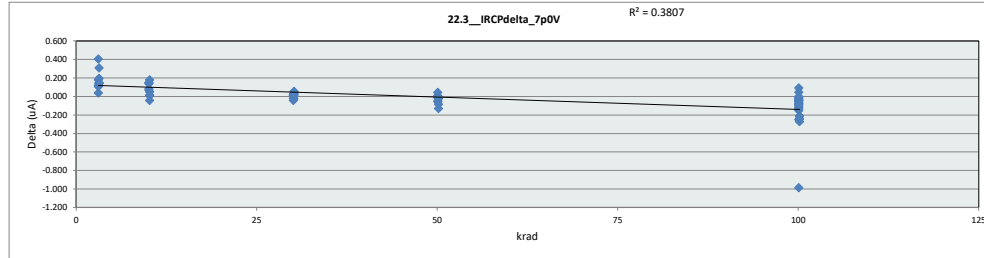
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000
Min	-0.317	-0.796	-2.988	-0.185	-2.100	-2.925	-2.522	-1.990	-11.077	-5.730
Average	0.458	-0.408	-0.784	0.400	-0.255	-1.414	-1.328	-0.523	-0.301	-4.464
Max	1.477	0.352	1.014	1.381	1.479	0.343	-0.642	0.863	69.214	-3.386
UL	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000



HDR TID Report
TPS7H2201-SP

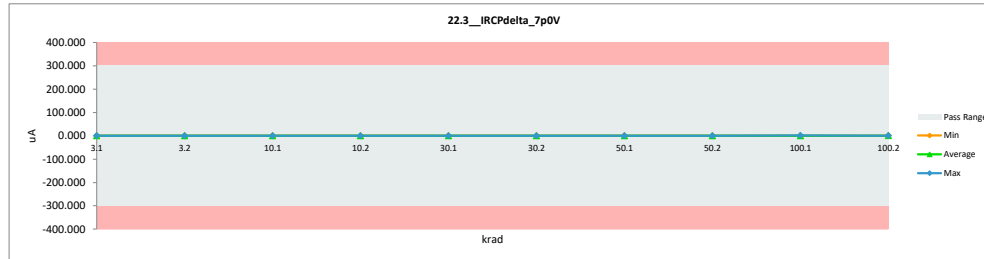
22.3_IRCPdelta_7p0V			
Test Site			
Tester			
Test Number			
Unit	uA	uA	
Max Limit	300	300	
Min Limit	-300	-300	

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	1.145	0.740	0.404
3.1	3	0.808	0.702	0.106
3.1	4	0.775	0.597	0.178
3.1	5	0.695	0.657	0.037
3.1	6	0.737	0.618	0.118
3.2	7	0.814	0.620	0.194
3.2	8	0.664	0.520	0.143
3.2	9	0.877	0.569	0.308
3.2	10	0.716	0.570	0.146
3.2	11	0.671	0.530	0.141
10.1	12	0.692	0.543	0.149
10.1	13	0.683	0.539	0.144
10.1	14	0.586	0.504	0.082
10.1	16	0.605	0.537	0.068
10.1	17	0.601	0.463	0.137
10.2	18	0.616	0.438	0.178
10.2	19	0.538	0.488	0.050
10.2	20	0.521	0.515	0.006
10.2	22	0.551	0.538	0.013
10.2	23	0.506	0.550	-0.044
30.1	24	0.550	0.541	0.009
30.1	26	0.521	0.542	-0.020
30.1	27	0.526	0.571	-0.045
30.1	29	0.518	0.493	0.024
30.1	32	0.542	0.526	0.016
30.2	33	0.596	0.542	0.054
30.2	34	0.553	0.530	0.022
30.2	35	0.500	0.525	-0.026
30.2	36	0.439	0.434	0.005
30.2	37	0.520	0.492	0.028
50.1	38	0.526	0.539	-0.013
50.1	39	0.475	0.527	-0.053
50.1	41	0.512	0.566	-0.054
50.1	42	0.506	0.498	0.007
50.1	44	0.524	0.481	0.043
50.2	45	0.519	0.538	-0.019
50.2	46	0.558	0.569	-0.011
50.2	47	0.561	0.586	-0.025
50.2	48	0.485	0.569	-0.084
50.2	49	0.492	0.624	-0.132
100.1	50	0.509	1.496	-0.987
100.1	51	0.511	0.635	-0.124
100.1	52	0.533	0.785	-0.251
100.1	53	0.517	0.586	-0.070
100.1	55	0.508	0.617	-0.109
100.1	56	0.548	0.504	0.044
100.1	57	0.515	0.669	-0.154
100.1	58	0.664	0.573	0.091
100.1	59	0.533	0.576	-0.043
100.1	60	0.513	0.558	-0.045
100.1	199	0.547	0.627	-0.080
100.1	200	0.524	0.565	-0.041
100.1	201	0.489	0.565	-0.076
100.1	203	0.483	0.572	-0.089
100.1	204	0.503	0.530	-0.027
100.1	205	0.509	0.536	-0.027
100.1	206	0.490	0.533	-0.043
100.1	207	0.524	0.538	-0.014
100.1	208	0.489	0.542	-0.053
100.1	209	0.488	0.621	-0.133
100.1	210	0.520	0.520	0.000
100.1	211	0.470	0.562	-0.093
100.2	212	0.502	0.714	-0.212
100.2	213	0.537	0.780	-0.243
100.2	214	0.519	0.791	-0.272
100.2	216	0.509	0.724	-0.215
100.2	217	0.567	0.809	-0.242
Max		1.145	1.496	0.404
Average		0.571	0.589	-0.018
Min		0.439	0.434	-0.987
Std Dev		0.116	0.139	0.174



22.3_IRCPdelta_7p0V			
Test Site			
Tester			
Test Number			
Max Limit	300	uA	
Min Limit	-300	uA	

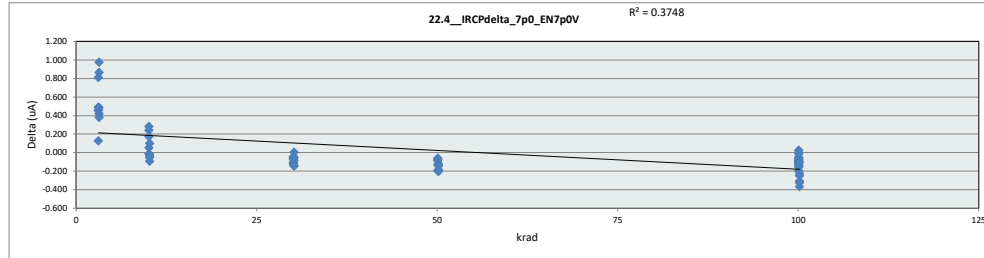
krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000
Min	0.597	0.520	0.463	0.438	0.493	0.434	0.481	0.538	0.504	0.714
Average	0.663	0.562	0.517	0.506	0.535	0.505	0.522	0.577	0.623	0.764
Max	0.740	0.620	0.543	0.550	0.571	0.542	0.566	0.624	1.496	0.809
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



HDR TID Report
TPS7H2201-SP

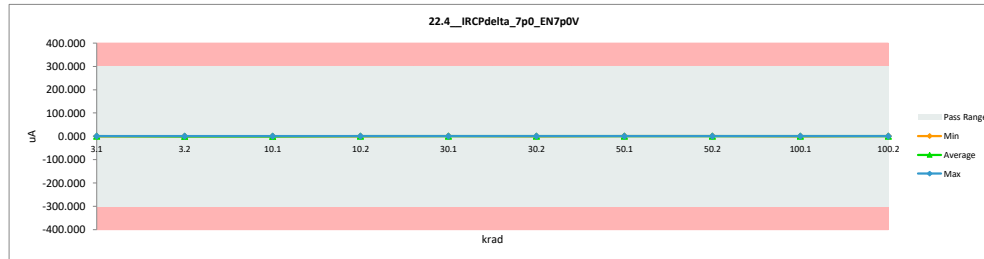
22.4_IRCPdelta_7p0_EN7p0V	
Test Site	
Tester	
Test Number	
Unit	uA
Max Limit	300
Min Limit	-300

krad	Serial #	HDR pre test	HDR post test	Delta
3.1	2	0.903	0.777	0.126
3.1	3	1.190	0.701	0.489
3.1	4	1.278	0.468	0.810
3.1	5	1.083	0.629	0.454
3.1	6	0.993	0.536	0.457
3.2	7	1.352	0.487	0.864
3.2	8	0.862	0.377	0.485
3.2	9	1.411	0.437	0.974
3.2	10	0.907	0.488	0.419
3.2	11	0.853	0.474	0.379
10.1	12	0.697	0.458	0.238
10.1	13	0.724	0.443	0.281
10.1	14	0.494	0.444	0.051
10.1	16	0.574	0.401	0.173
10.1	17	0.469	0.483	-0.014
10.2	18	0.528	0.429	0.099
10.2	19	0.431	0.456	-0.024
10.2	20	0.405	0.500	-0.094
10.2	22	0.455	0.499	-0.045
10.2	23	0.419	0.474	-0.055
30.1	24	0.416	0.476	-0.060
30.1	26	0.426	0.497	-0.072
30.1	27	0.410	0.518	-0.107
30.1	29	0.435	0.480	-0.045
30.1	32	0.407	0.531	-0.124
30.2	33	0.491	0.489	0.003
30.2	34	0.420	0.505	-0.085
30.2	35	0.393	0.540	-0.147
30.2	36	0.418	0.468	-0.050
30.2	37	0.414	0.556	-0.141
50.1	38	0.434	0.524	-0.090
50.1	39	0.392	0.589	-0.197
50.1	41	0.424	0.556	-0.132
50.1	42	0.432	0.493	-0.060
50.1	44	0.425	0.501	-0.076
50.2	45	0.470	0.594	-0.124
50.2	46	0.450	0.645	-0.195
50.2	47	0.438	0.643	-0.205
50.2	48	0.440	0.585	-0.145
50.2	49	0.428	0.615	-0.187
100.1	50	0.477	0.594	-0.116
100.1	51	0.460	0.539	-0.079
100.1	52	0.481	0.636	-0.155
100.1	53	0.452	0.467	-0.015
100.1	55	0.471	0.529	-0.058
100.1	56	0.486	0.485	0.001
100.1	57	0.454	0.648	-0.194
100.1	58	0.573	0.549	0.024
100.1	59	0.489	0.553	-0.065
100.1	60	0.445	0.520	-0.075
100.1	199	0.478	0.576	-0.097
100.1	200	0.479	0.606	-0.127
100.1	201	0.478	0.574	-0.097
100.1	203	0.460	0.573	-0.113
100.1	204	0.438	0.589	-0.150
100.1	205	0.464	0.560	-0.096
100.1	206	0.451	0.552	-0.101
100.1	207	0.484	0.534	-0.050
100.1	208	0.454	0.558	-0.104
100.1	209	0.482	0.623	-0.141
100.1	210	0.480	0.569	-0.089
100.1	211	0.472	0.583	-0.111
100.2	212	0.489	0.740	-0.251
100.2	213	0.498	0.866	-0.368
100.2	214	0.495	0.818	-0.323
100.2	216	0.502	0.728	-0.226
100.2	217	0.551	0.861	-0.310
Max		1.411	0.866	0.974
Average		0.560	0.555	0.005
Min		0.392	0.377	-0.368
Std Dev		0.241	0.101	0.269



22.4_IRCPdelta_7p0_EN7p0V	
Test Site	
Tester	
Test Number	
Max Limit	300 uA
Min Limit	-300 uA

krad	3.1	3.2	10.1	10.2	30.1	30.2	50.1	50.2	100.1	100.2
LL	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000	-300.000
Min	0.468	0.377	0.402	0.429	0.476	0.468	0.493	0.585	0.467	0.728
Average	0.622	0.453	0.446	0.472	0.500	0.512	0.532	0.616	0.564	0.803
Max	0.777	0.488	0.483	0.500	0.531	0.556	0.589	0.645	0.648	0.866
UL	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000	300.000



Comparison Report

Appendix B contains the 50 k ELDRS comparison report between HDR and LDR exposures.

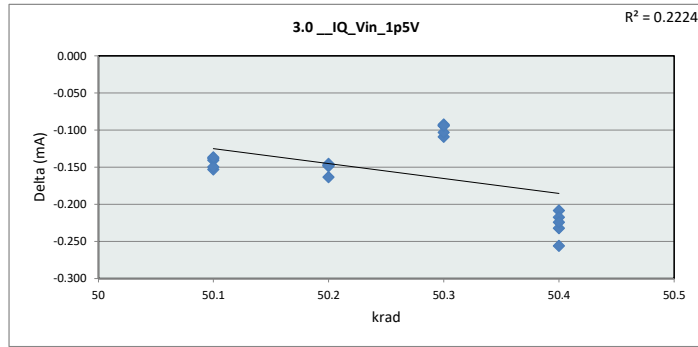
50k ELDRS Report
TPS7H2201

x.1 - LDR Biased
x.2 - LDR Unbiased

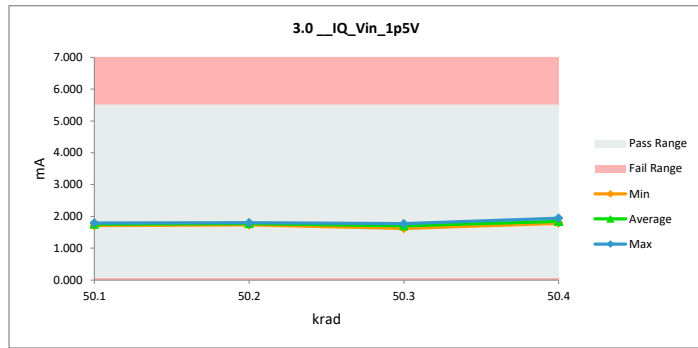
x.3 - HDR Bias
x.4 - HDR Unbiased

50k ELDRS Report TPS7H2201

3.0_IQ_Vin_1p5V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		5.5	5.5			
Min Limit		0.05	0.05			
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	1.598	1.751	-0.153	2.81%	
50.1	254_LDR	1.632	1.772	-0.141	2.58%	
50.1	255_LDR	1.596	1.734	-0.138	2.54%	
50.1	257_LDR	1.643	1.793	-0.150	2.75%	
50.1	259_LDR	1.572	1.709	-0.137	2.51%	
50.2	260_LDR	1.563	1.726	-0.164	3.00%	
50.2	261_LDR	1.650	1.797	-0.147	2.70%	
50.2	264_LDR	1.646	1.794	-0.149	2.73%	
50.2	265_LDR	1.641	1.787	-0.146	2.67%	
50.2	266_LDR	1.617	1.764	-0.148	2.71%	
50.3	38_HDR	1.582	1.676	-0.094	1.73%	
50.3	39_HDR	1.658	1.767	-0.109	2.00%	
50.3	41_HDR	1.641	1.745	-0.103	1.90%	
50.3	42_HDR	1.616	1.709	-0.093	1.70%	
50.3	44_HDR	1.522	1.616	-0.094	1.73%	
50.4	45_HDR	1.593	1.825	-0.232	4.26%	
50.4	46_HDR	1.598	1.807	-0.209	3.83%	
50.4	47_HDR	1.566	1.784	-0.218	3.99%	
50.4	48_HDR	1.605	1.830	-0.224	4.12%	
50.4	49_HDR	1.687	1.943	-0.256	4.70%	
	Max	1.687	1.943	-0.093	4.70%	
	Average	1.611	1.766	-0.155	2.85%	
	Min	1.522	1.616	-0.256	1.70%	
	Std Dev	0.039	0.067	0.049	0.89%	

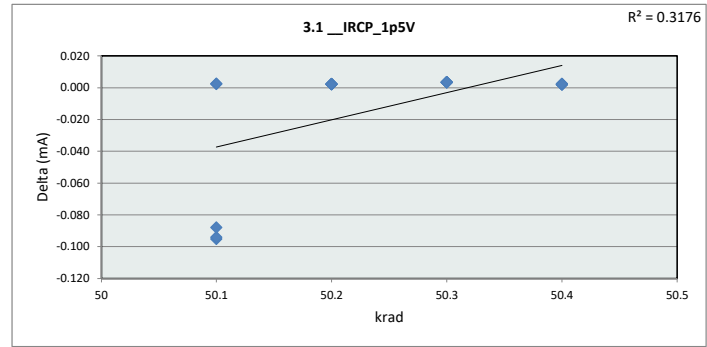


3.0_IQ_Vin_1p5V				
Test Site				
Tester				
Test Number				
Max Limit	5.5	mA		
Min Limit	0.05	mA		
krad	50.1	50.2	50.3	50.4
LL	0.050	0.050	0.050	0.050
Min	1.709	1.726	1.616	1.784
Average	1.752	1.774	1.703	1.838
Max	1.793	1.797	1.767	1.943
UL	5.500	5.500	5.500	5.500

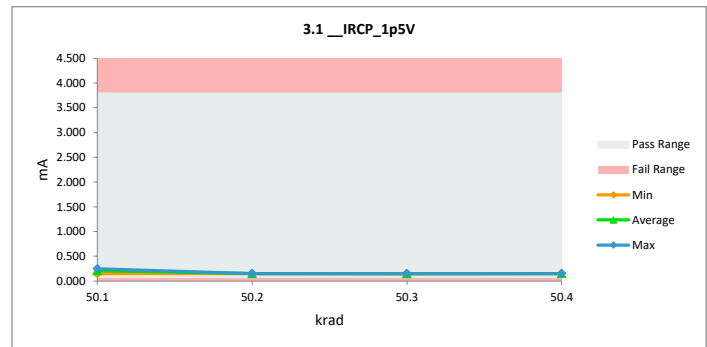


50k ELDRS Report
TPS7H2201

3.1_IRCP_1p5V						
Test Site						
Tester						
Test Number						
Unit	mA	mA				
Max Limit	3.8	3.8				
Min Limit	0.05	0.05				
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.151	0.148	0.002	0.06%	
50.1	254_LDR	0.152	0.247	-0.095	2.54%	
50.1	255_LDR	0.151	0.245	-0.094	2.51%	
50.1	257_LDR	0.152	0.240	-0.088	2.35%	
50.1	259_LDR	0.150	0.148	0.002	0.07%	
50.2	260_LDR	0.150	0.148	0.002	0.06%	
50.2	261_LDR	0.151	0.149	0.002	0.06%	
50.2	264_LDR	0.151	0.149	0.002	0.06%	
50.2	265_LDR	0.152	0.150	0.002	0.06%	
50.2	266_LDR	0.151	0.149	0.002	0.05%	
50.3	38_HDR	0.151	0.147	0.003	0.09%	
50.3	39_HDR	0.150	0.147	0.003	0.09%	
50.3	41_HDR	0.151	0.148	0.003	0.09%	
50.3	42_HDR	0.151	0.147	0.003	0.09%	
50.3	44_HDR	0.149	0.146	0.004	0.09%	
50.4	45_HDR	0.150	0.148	0.002	0.05%	
50.4	46_HDR	0.151	0.149	0.002	0.05%	
50.4	47_HDR	0.150	0.148	0.002	0.06%	
50.4	48_HDR	0.150	0.148	0.002	0.06%	
50.4	49_HDR	0.151	0.149	0.002	0.06%	
	Max	0.152	0.247	0.004	2.54%	
	Average	0.151	0.163	-0.012	0.43%	
	Min	0.149	0.146	-0.095	0.05%	
	Std Dev	0.001	0.035	0.035	0.88%	

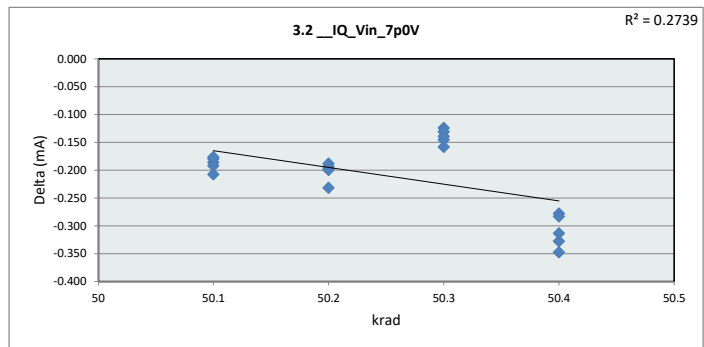


3.1_IRCP_1p5V				
Test Site				
Tester				
Test Number				
Max Limit	3.8	mA		
Min Limit	0.05	mA		
krad	50.1	50.2	50.3	50.4
LL	0.050	0.050	0.050	0.050
Min	0.148	0.148	0.146	0.148
Average	0.206	0.149	0.147	0.149
Max	0.247	0.150	0.148	0.149
UL	3.800	3.800	3.800	3.800

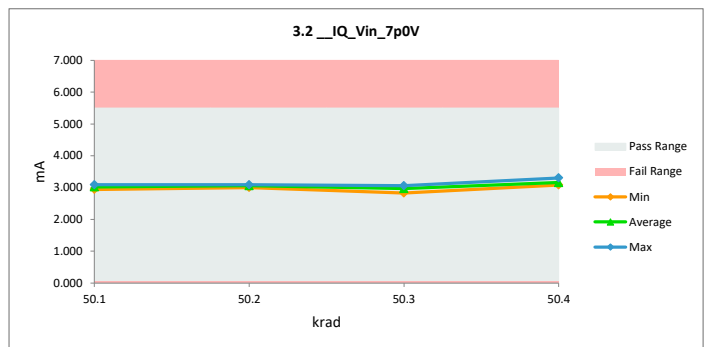


50k ELDRS Report TPS7H2201

3.2_IQ_Vin_7p0V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		5.5	5.5			
Min Limit		0.05	0.05			
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	2.825	3.033	-0.208	3.81%	
50.1	254_LDR	2.892	3.078	-0.186	3.41%	
50.1	255_LDR	2.790	2.970	-0.180	3.30%	
50.1	257_LDR	2.898	3.090	-0.192	3.53%	
50.1	259_LDR	2.766	2.943	-0.177	3.24%	
50.2	260_LDR	2.770	3.002	-0.232	4.26%	
50.2	261_LDR	2.896	3.090	-0.194	3.56%	
50.2	264_LDR	2.876	3.065	-0.188	3.46%	
50.2	265_LDR	2.885	3.082	-0.197	3.62%	
50.2	266_LDR	2.848	3.048	-0.200	3.66%	
50.3	38_HDR	2.796	2.920	-0.124	2.28%	
50.3	39_HDR	2.900	3.059	-0.158	2.91%	
50.3	41_HDR	2.880	3.026	-0.146	2.67%	
50.3	42_HDR	2.878	3.009	-0.131	2.41%	
50.3	44_HDR	2.688	2.827	-0.139	2.56%	
50.4	45_HDR	2.830	3.158	-0.328	6.01%	
50.4	46_HDR	2.815	3.093	-0.278	5.10%	
50.4	47_HDR	2.798	3.081	-0.283	5.20%	
50.4	48_HDR	2.834	3.148	-0.314	5.76%	
50.4	49_HDR	2.956	3.304	-0.348	6.38%	
	Max	2.956	3.304	-0.124	6.38%	
	Average	2.841	3.051	-0.210	3.86%	
	Min	2.688	2.827	-0.348	2.28%	
	Std Dev	0.062	0.098	0.066	1.22%	

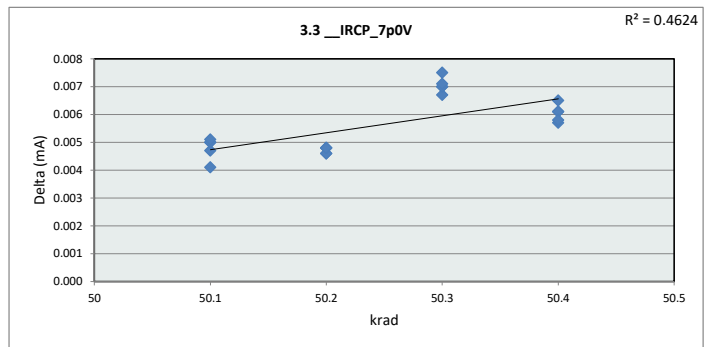


3.2_IQ_Vin_7p0V				
Test Site				
Tester				
Test Number				
Max Limit	5.5	mA		
Min Limit	0.05	mA		
krad	50.1	50.2	50.3	50.4
LL	0.050	0.050	0.050	0.050
Min	2.943	3.002	2.827	3.081
Average	3.023	3.057	2.968	3.157
Max	3.090	3.090	3.059	3.304
UL	5.500	5.500	5.500	5.500

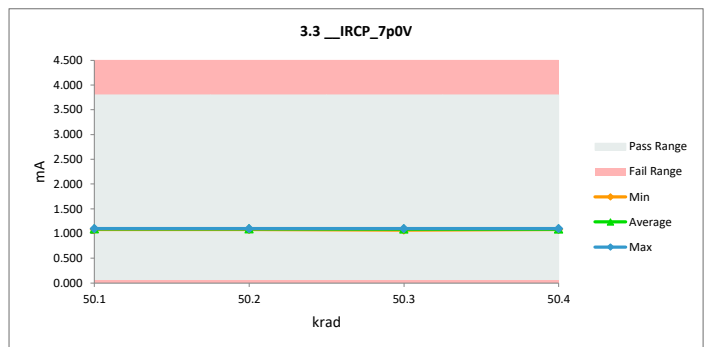


50k ELDRS Report TPS7H2201

3.3_IRCP_7p0V						
Test Site						
Tester						
Test Number						
Unit	mA	mA				
Max Limit	3.8	3.8				
Min Limit	0.05	0.05				
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	1.097	1.092	0.005	0.13%	
50.1	254_LDR	1.102	1.097	0.004	0.11%	
50.1	255_LDR	1.099	1.094	0.005	0.13%	
50.1	257_LDR	1.098	1.093	0.005	0.13%	
50.1	259_LDR	1.087	1.082	0.005	0.14%	
50.2	260_LDR	1.086	1.082	0.005	0.12%	
50.2	261_LDR	1.103	1.098	0.005	0.12%	
50.2	264_LDR	1.099	1.094	0.005	0.13%	
50.2	265_LDR	1.098	1.093	0.005	0.13%	
50.2	266_LDR	1.098	1.093	0.005	0.13%	
50.3	38_HDR	1.095	1.088	0.007	0.19%	
50.3	39_HDR	1.101	1.094	0.007	0.18%	
50.3	41_HDR	1.104	1.097	0.007	0.19%	
50.3	42_HDR	1.099	1.092	0.007	0.19%	
50.3	44_HDR	1.076	1.068	0.007	0.20%	
50.4	45_HDR	1.090	1.084	0.006	0.16%	
50.4	46_HDR	1.098	1.092	0.006	0.15%	
50.4	47_HDR	1.089	1.082	0.007	0.17%	
50.4	48_HDR	1.096	1.090	0.006	0.16%	
50.4	49_HDR	1.103	1.097	0.006	0.15%	
	Max	1.104	1.098	0.007	0.20%	
	Average	1.096	1.090	0.006	0.15%	
	Min	1.076	1.068	0.004	0.11%	
	Std Dev	0.007	0.007	0.001	0.03%	

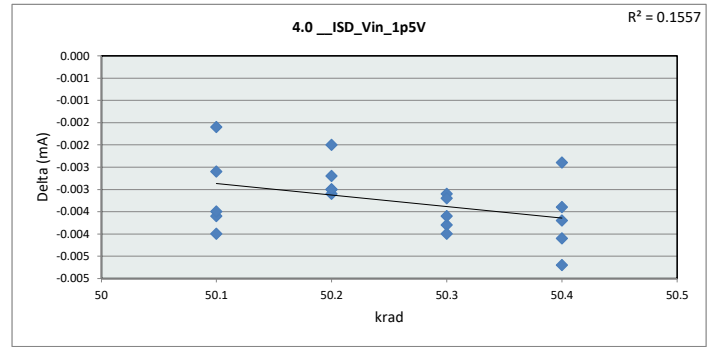


3.3_IRCP_7p0V				
Test Site				
Tester				
Test Number				
Max Limit	3.8	mA		
Min Limit	0.05	mA		
krad	50.1	50.2	50.3	50.4
LL	0.050	0.050	0.050	0.050
Min	1.082	1.082	1.068	1.082
Average	1.092	1.092	1.088	1.089
Max	1.098	1.098	1.097	1.097
UL	3.800	3.800	3.800	3.800

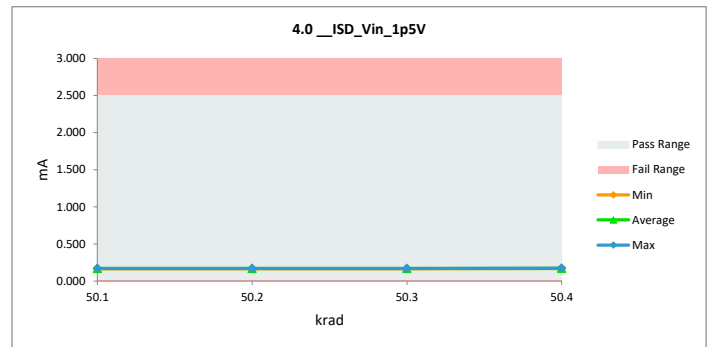


50k ELDRS Report TPS7H2201

4.0 __ISD_Vin_1p5V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		2.5	2.5			
Min Limit		0.01	0.01			
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.164	0.168	-0.004	0.16%	
50.1	254_LDR	0.166	0.169	-0.004	0.14%	
50.1	255_LDR	0.164	0.168	-0.003	0.14%	
50.1	257_LDR	0.166	0.168	-0.002	0.06%	
50.1	259_LDR	0.162	0.165	-0.003	0.10%	
50.2	260_LDR	0.162	0.165	-0.003	0.12%	
50.2	261_LDR	0.168	0.170	-0.003	0.11%	
50.2	264_LDR	0.166	0.169	-0.003	0.12%	
50.2	265_LDR	0.166	0.168	-0.002	0.08%	
50.2	266_LDR	0.165	0.168	-0.003	0.12%	
50.3	38_HDR	0.164	0.167	-0.004	0.15%	
50.3	39_HDR	0.165	0.169	-0.004	0.16%	
50.3	41_HDR	0.167	0.170	-0.003	0.12%	
50.3	42_HDR	0.164	0.168	-0.003	0.13%	
50.3	44_HDR	0.161	0.164	-0.004	0.14%	
50.4	45_HDR	0.164	0.168	-0.004	0.15%	
50.4	46_HDR	0.168	0.170	-0.002	0.10%	
50.4	47_HDR	0.162	0.167	-0.004	0.16%	
50.4	48_HDR	0.165	0.168	-0.003	0.14%	
50.4	49_HDR	0.167	0.171	-0.005	0.19%	
	Max	0.168	0.171	-0.002	0.19%	
	Average	0.165	0.168	-0.003	0.13%	
	Min	0.161	0.164	-0.005	0.06%	
	Std Dev	0.002	0.002	0.001	0.03%	

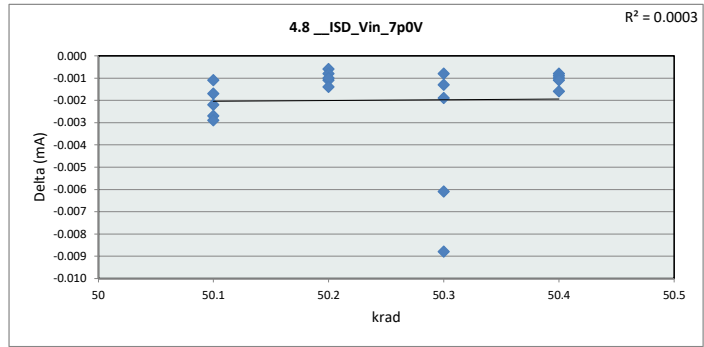


4.0 __ISD_Vin_1p5V					
Test Site					
Tester					
Test Number					
Max Limit	2.5	mA			
Min Limit	0.01	mA			
	krad	50.1	50.2	50.3	50.4
LL		0.010	0.010	0.010	0.010
Min		0.165	0.165	0.164	0.167
Average		0.168	0.168	0.168	0.169
Max		0.169	0.170	0.170	0.171
UL		2.500	2.500	2.500	2.500

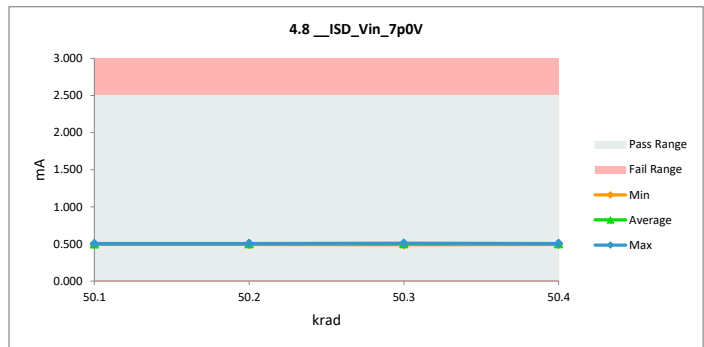


50k ELDRS Report
TPS7H2201

4.8_ISD_Vin_7p0V						
Test Site						
Tester						
Test Number						
Unit	mA	mA				
Max Limit	2.5	2.5				
Min Limit	0.01	0.01				
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.496	0.498	-0.003	0.11%	
50.1	254_LDR	0.501	0.504	-0.003	0.12%	
50.1	255_LDR	0.498	0.500	-0.002	0.09%	
50.1	257_LDR	0.500	0.502	-0.002	0.07%	
50.1	259_LDR	0.490	0.491	-0.001	0.04%	
50.2	260_LDR	0.489	0.490	-0.001	0.02%	
50.2	261_LDR	0.506	0.507	-0.001	0.03%	
50.2	264_LDR	0.500	0.502	-0.001	0.04%	
50.2	265_LDR	0.501	0.502	-0.001	0.04%	
50.2	266_LDR	0.498	0.500	-0.001	0.06%	
50.3	38_HDR	0.494	0.495	-0.001	0.03%	
50.3	39_HDR	0.503	0.509	-0.006	0.24%	
50.3	41_HDR	0.505	0.506	-0.001	0.05%	
50.3	42_HDR	0.496	0.505	-0.009	0.35%	
50.3	44_HDR	0.484	0.486	-0.002	0.08%	
50.4	45_HDR	0.497	0.497	-0.001	0.03%	
50.4	46_HDR	0.504	0.506	-0.002	0.06%	
50.4	47_HDR	0.491	0.491	-0.001	0.04%	
50.4	48_HDR	0.497	0.498	-0.001	0.04%	
50.4	49_HDR	0.505	0.506	-0.001	0.04%	
	Max	0.506	0.509	-0.001	0.35%	
	Average	0.498	0.500	-0.002	0.08%	
	Min	0.484	0.486	-0.009	0.02%	
	Std Dev	0.006	0.006	0.002	0.08%	

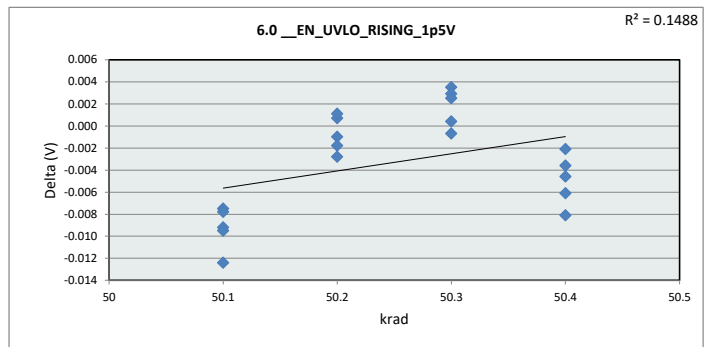


4.8_ISD_Vin_7p0V				
Test Site				
Tester				
Test Number				
Max Limit	2.5	mA		
Min Limit	0.01	mA		
krad	50.1	50.2	50.3	50.4
LL	0.010	0.010	0.010	0.010
Min	0.492	0.490	0.486	0.491
Average	0.499	0.500	0.500	0.500
Max	0.504	0.507	0.509	0.506
UL	2.500	2.500	2.500	2.500

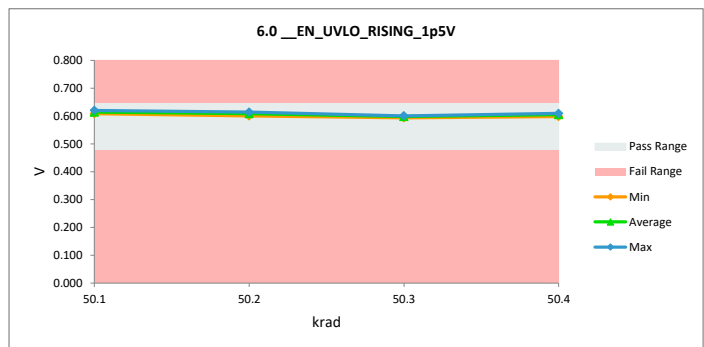


50k ELDRS Report TPS7H2201

6.0 __EN_UVLO_RISING_1p5V						
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.602	0.611	-0.009	5.41%	
50.1	254_LDR	0.611	0.619	-0.007	4.41%	
50.1	255_LDR	0.596	0.608	-0.012	7.29%	
50.1	257_LDR	0.610	0.620	-0.010	5.59%	
50.1	259_LDR	0.603	0.611	-0.008	4.59%	
50.2	260_LDR	0.601	0.600	0.001	0.41%	
50.2	261_LDR	0.615	0.614	0.001	0.65%	
50.2	264_LDR	0.608	0.609	-0.001	0.59%	
50.2	265_LDR	0.609	0.611	-0.002	1.06%	
50.2	266_LDR	0.604	0.607	-0.003	1.65%	
50.3	38_HDR	0.600	0.600	0.000	0.24%	
50.3	39_HDR	0.600	0.596	0.003	2.06%	
50.3	41_HDR	0.603	0.600	0.003	1.71%	
50.3	42_HDR	0.603	0.600	0.002	1.47%	
50.3	44_HDR	0.592	0.593	-0.001	0.41%	
50.4	45_HDR	0.601	0.609	-0.008	4.76%	
50.4	46_HDR	0.600	0.605	-0.005	2.71%	
50.4	47_HDR	0.592	0.598	-0.006	3.59%	
50.4	48_HDR	0.599	0.603	-0.004	2.12%	
50.4	49_HDR	0.605	0.607	-0.002	1.24%	
	Max	0.615	0.620	0.003	7.29%	
	Average	0.603	0.606	-0.003	2.60%	
	Min	0.592	0.593	-0.012	0.24%	
	Std Dev	0.006	0.007	0.005	2.08%	

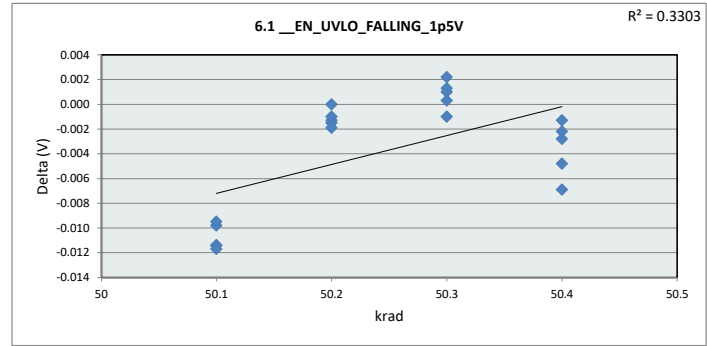


6.0 __EN_UVLO_RISING_1p5V				
krad	50.1	50.2	50.3	50.4
LL	0.475	0.475	0.475	0.475
Min	0.608	0.600	0.593	0.598
Average	0.614	0.608	0.598	0.604
Max	0.620	0.614	0.601	0.609
UL	0.645	0.645	0.645	0.645

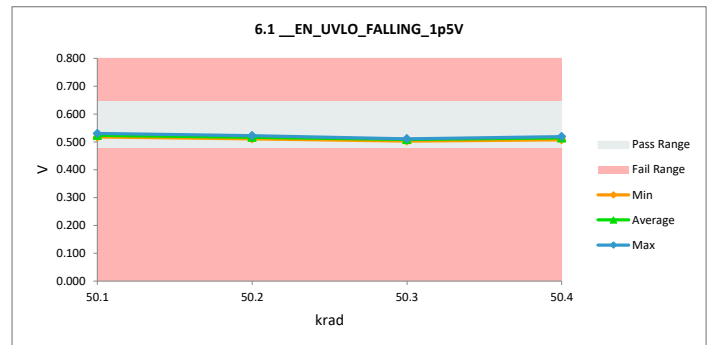


50k ELDRS Report
TPS7H2201

6.1 EN UVLO FALLING 1p5V						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.645	0.645				
Min Limit	0.475	0.475				
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.510	0.521	-0.011	6.71%	
50.1	254_LDR	0.519	0.529	-0.010	5.76%	
50.1	255_LDR	0.506	0.517	-0.011	6.71%	
50.1	257_LDR	0.518	0.530	-0.012	6.88%	
50.1	259_LDR	0.511	0.521	-0.009	5.59%	
50.2	260_LDR	0.509	0.511	-0.001	0.88%	
50.2	261_LDR	0.522	0.522	0.000	0.00%	
50.2	264_LDR	0.517	0.518	-0.001	0.76%	
50.2	265_LDR	0.516	0.518	-0.002	1.12%	
50.2	266_LDR	0.514	0.515	-0.001	0.59%	
50.3	38_HDR	0.509	0.510	-0.001	0.59%	
50.3	39_HDR	0.508	0.506	0.002	1.29%	
50.3	41_HDR	0.512	0.511	0.001	0.59%	
50.3	42_HDR	0.511	0.510	0.001	0.76%	
50.3	44_HDR	0.503	0.502	0.000	0.18%	
50.4	45_HDR	0.511	0.518	-0.007	4.06%	
50.4	46_HDR	0.511	0.514	-0.003	1.65%	
50.4	47_HDR	0.503	0.507	-0.005	2.82%	
50.4	48_HDR	0.510	0.511	-0.001	0.76%	
50.4	49_HDR	0.514	0.517	-0.002	1.29%	
	Max	0.522	0.530	0.002	6.88%	
	Average	0.512	0.515	-0.004	2.45%	
	Min	0.503	0.502	-0.012	0.00%	
	Std Dev	0.005	0.007	0.005	2.48%	

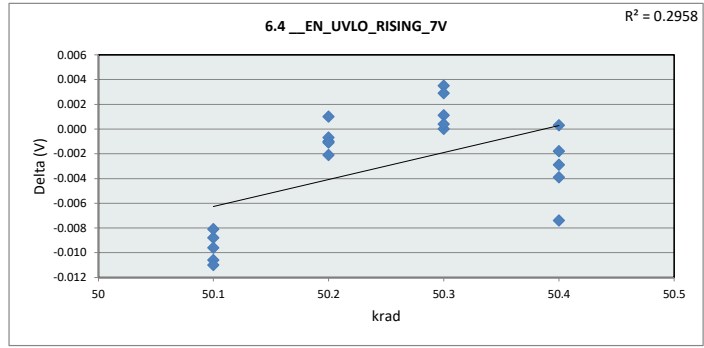


6.1 EN UVLO FALLING 1p5V				
Test Site				
Tester				
Test Number				
Max Limit	0.645	V		
Min Limit	0.475	V		
krad	50.1	50.2	50.3	50.4
LL	0.475	0.475	0.475	0.475
Min	0.517	0.511	0.502	0.508
Average	0.523	0.517	0.508	0.513
Max	0.530	0.522	0.511	0.518
UL	0.645	0.645	0.645	0.645

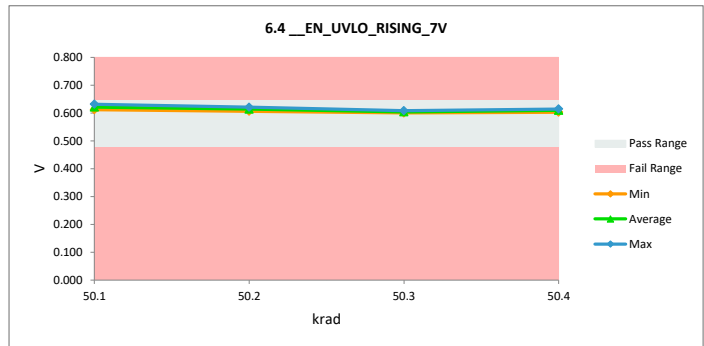


50k ELDRS Report
TPS7H2201

6.4 EN_UVLO_RISING_7V						
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.608	0.619	-0.011	6.24%	
50.1	254_LDR	0.619	0.628	-0.009	5.18%	
50.1	255_LDR	0.600	0.612	-0.011	6.47%	
50.1	257_LDR	0.623	0.632	-0.008	4.76%	
50.1	259_LDR	0.607	0.616	-0.010	5.65%	
50.2	260_LDR	0.605	0.606	-0.001	0.59%	
50.2	261_LDR	0.622	0.621	0.001	0.59%	
50.2	264_LDR	0.614	0.615	-0.001	0.41%	
50.2	265_LDR	0.613	0.615	-0.002	1.24%	
50.2	266_LDR	0.612	0.613	-0.001	0.65%	
50.3	38_HDR	0.604	0.604	0.000	0.00%	
50.3	39_HDR	0.606	0.602	0.003	2.06%	
50.3	41_HDR	0.609	0.608	0.001	0.65%	
50.3	42_HDR	0.609	0.606	0.003	1.71%	
50.3	44_HDR	0.600	0.600	0.000	0.24%	
50.4	45_HDR	0.607	0.614	-0.007	4.35%	
50.4	46_HDR	0.607	0.610	-0.003	1.71%	
50.4	47_HDR	0.598	0.602	-0.004	2.29%	
50.4	48_HDR	0.608	0.608	0.000	0.18%	
50.4	49_HDR	0.613	0.614	-0.002	1.06%	
	Max	0.623	0.632	0.003	6.47%	
	Average	0.609	0.612	-0.003	2.30%	
	Min	0.598	0.600	-0.011	0.00%	
	Std Dev	0.007	0.008	0.005	2.24%	

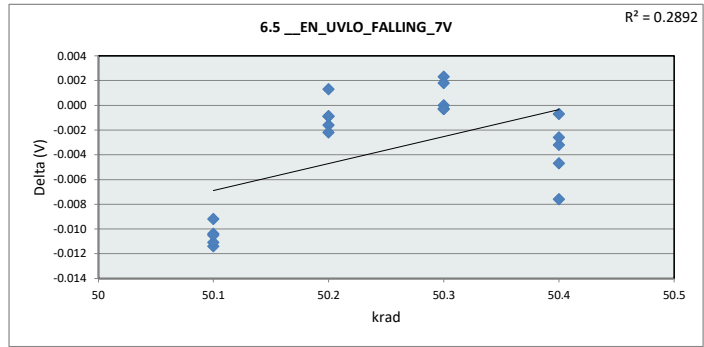


6.4 EN_UVLO_RISING_7V				
krad	50.1	50.2	50.3	50.4
LL	0.475	0.475	0.475	0.475
Min	0.612	0.606	0.600	0.602
Average	0.621	0.614	0.604	0.610
Max	0.632	0.621	0.608	0.614
UL	0.645	0.645	0.645	0.645

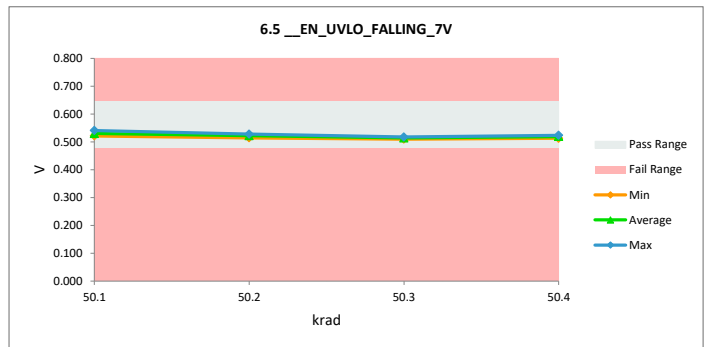


50k ELDRS Report TPS7H2201

6.5_EN_UVLO_FALLING_7V						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.645	0.645				
Min Limit	0.475	0.475				
krad	Serial #	ELDRS 50k Pre	ELDRS 50k post	Delta	% of Limit Range	
50.1	253_LDR	0.516	0.526	-0.010	6.12%	
50.1	254_LDR	0.525	0.535	-0.009	5.41%	
50.1	255_LDR	0.510	0.521	-0.011	6.71%	
50.1	257_LDR	0.530	0.541	-0.011	6.53%	
50.1	259_LDR	0.514	0.525	-0.011	6.18%	
50.2	260_LDR	0.513	0.514	-0.001	0.53%	
50.2	261_LDR	0.529	0.527	0.001	0.76%	
50.2	264_LDR	0.522	0.523	-0.002	0.94%	
50.2	265_LDR	0.521	0.523	-0.002	1.29%	
50.2	266_LDR	0.520	0.520	-0.001	0.53%	
50.3	38_HDR	0.513	0.514	0.000	0.18%	
50.3	39_HDR	0.515	0.512	0.002	1.35%	
50.3	41_HDR	0.517	0.517	0.000	0.00%	
50.3	42_HDR	0.517	0.515	0.002	1.06%	
50.3	44_HDR	0.509	0.509	0.000	0.18%	
50.4	45_HDR	0.515	0.523	-0.008	4.47%	
50.4	46_HDR	0.516	0.519	-0.003	1.88%	
50.4	47_HDR	0.508	0.512	-0.005	2.76%	
50.4	48_HDR	0.517	0.517	-0.001	0.41%	
50.4	49_HDR	0.520	0.523	-0.003	1.53%	
	Max	0.530	0.541	0.002	6.71%	
	Average	0.517	0.521	-0.004	2.44%	
	Min	0.508	0.509	-0.011	0.00%	
	Std Dev	0.006	0.008	0.005	2.45%	



6.5_EN_UVLO_FALLING_7V				
Test Site				
Tester				
Test Number				
Max Limit	0.645	V		
Min Limit	0.475	V		
krad	50.1	50.2	50.3	50.4
LL	0.475	0.475	0.475	0.475
Min	0.521	0.514	0.509	0.513
Average	0.530	0.522	0.514	0.519
Max	0.541	0.527	0.517	0.523
UL	0.645	0.645	0.645	0.645



Comparison Report

Appendix C contains the 100 k ELDRS comparison report between HDR and LDR exposures.

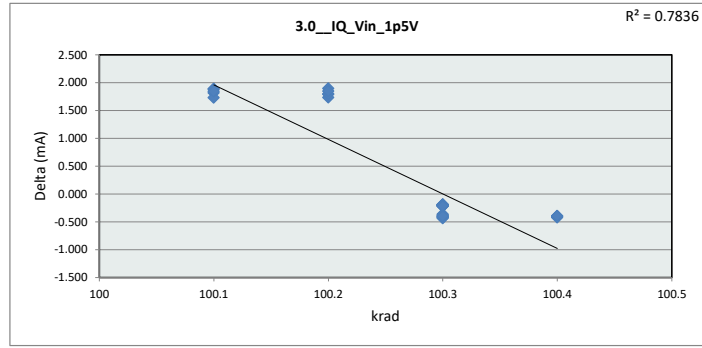
100k ELDRS Report
TPS7H2201-SP

x.1 - LDR Biased
x.2 - LDR Unbiased

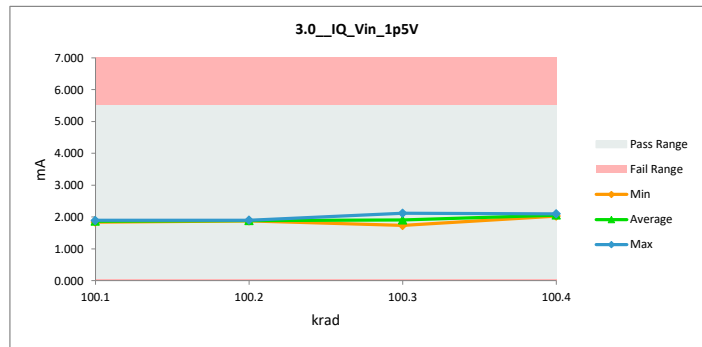
x.3 - HDR Bias
x.4 - HDR Unbiased

100k ELDRS Report TPS7H2201-SP

		3.0_IQ_Vin_1p5V			
Test Site					
Tester					
Test Number					
Unit		mA	mA		
Max Limit		5.5	5.5		
Min Limit		0.05	0.05		
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	3.709	1.892	1.817	33.34%
100.1	33_LDR	3.609	1.877	1.732	31.77%
100.1	34_LDR	3.730	1.841	1.890	34.67%
100.1	36_LDR	3.732	1.850	1.882	34.54%
100.1	40_LDR	3.731	1.887	1.844	33.84%
100.2	19_LDR	3.686	1.893	1.793	32.90%
100.2	21_LDR	3.630	1.895	1.735	31.83%
100.2	26_LDR	3.670	1.875	1.795	32.93%
100.2	27_LDR	3.795	1.900	1.895	34.76%
100.2	28_LDR	3.730	1.883	1.848	33.90%
100.3	50_HDR	1.679	2.117	-0.438	8.03%
100.3	51_HDR	1.617	1.814	-0.198	3.63%
100.3	52_HDR	1.621	1.837	-0.216	3.97%
100.3	53_HDR	1.610	1.834	-0.224	4.11%
100.3	55_HDR	1.545	1.736	-0.191	3.50%
100.3	56_HDR	1.633	2.059	-0.427	7.83%
100.3	57_HDR	1.658	2.071	-0.413	7.58%
100.3	58_HDR	1.637	2.003	-0.366	6.71%
100.3	59_HDR	1.646	1.847	-0.201	3.68%
100.3	60_HDR	1.619	2.007	-0.388	7.12%
100.3	199_HDR	1.613	1.820	-0.207	3.79%
100.3	200_HDR	1.569	1.946	-0.377	6.92%
100.3	201_HDR	1.615	2.018	-0.404	7.41%
100.3	203_HDR	1.576	1.991	-0.415	7.62%
100.3	204_HDR	1.631	1.819	-0.188	3.44%
100.3	205_HDR	1.648	2.045	-0.397	7.28%
100.3	206_HDR	1.559	1.756	-0.197	3.61%
100.3	207_HDR	1.605	1.801	-0.196	3.61%
100.3	208_HDR	1.644	1.845	-0.201	3.69%
100.3	209_HDR	1.655	1.870	-0.215	3.94%
100.3	210_HDR	1.658	1.865	-0.207	3.80%
100.3	211_HDR	1.608	1.827	-0.218	4.01%
100.4	212_HDR	1.633	2.028	-0.395	7.25%
100.4	213_HDR	1.678	2.100	-0.422	7.75%
100.4	214_HDR	1.644	2.046	-0.402	7.37%
100.4	216_HDR	1.654	2.066	-0.413	7.57%
100.4	217_HDR	1.673	2.070	-0.398	7.29%
	Max	3.795	2.117	1.895	34.76%
	Average	2.188	1.920	0.268	13.16%
	Min	1.545	1.736	-0.438	3.44%
	Std Dev	0.935	0.105	0.964	12.63%

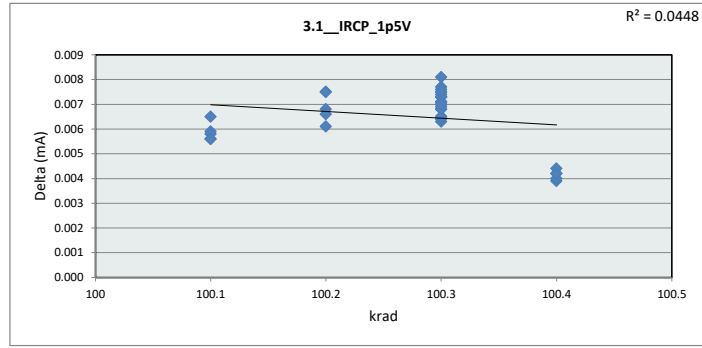


		3.0_IQ_Vin_1p5V			
Test Site					
Tester					
Test Number					
Max Limit		5.5	mA		
Min Limit		0.05	mA		
krad	100.1	100.2	100.3	100.4	
LL	0.050	0.050	0.050	0.050	
Min	1.841	1.875	1.736	2.028	
Average	1.869	1.889	1.906	2.062	
Max	1.892	1.900	2.117	2.100	
UL	5.500	5.500	5.500	5.500	

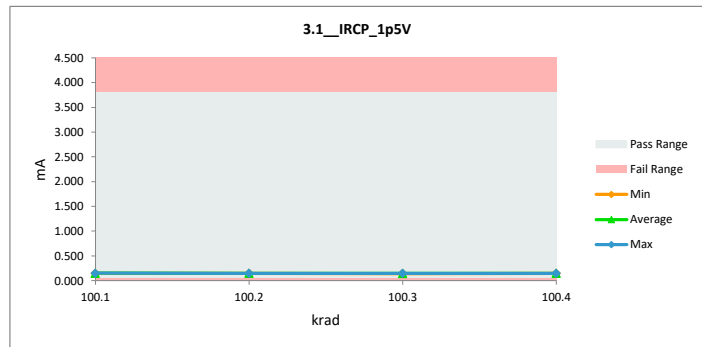


100k ELDRS Report
TPS7H2201-SP

3.1_IRCP_1p5V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		3.8	3.8			
Min Limit		0.05	0.05			
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range	
100.1	31_LDR	0.156	0.150	0.007	0.17%	
100.1	33_LDR	0.156	0.150	0.006	0.15%	
100.1	34_LDR	0.156	0.150	0.006	0.16%	
100.1	36_LDR	0.156	0.150	0.006	0.15%	
100.1	40_LDR	0.155	0.149	0.006	0.15%	
100.2	19_LDR	0.155	0.148	0.007	0.18%	
100.2	21_LDR	0.155	0.148	0.007	0.18%	
100.2	26_LDR	0.156	0.148	0.008	0.20%	
100.2	27_LDR	0.155	0.149	0.006	0.16%	
100.2	28_LDR	0.156	0.148	0.007	0.20%	
100.3	50_HDR	0.151	0.144	0.007	0.19%	
100.3	51_HDR	0.151	0.144	0.007	0.19%	
100.3	52_HDR	0.151	0.144	0.007	0.19%	
100.3	53_HDR	0.151	0.144	0.008	0.21%	
100.3	55_HDR	0.149	0.142	0.007	0.19%	
100.3	56_HDR	0.152	0.144	0.008	0.22%	
100.3	57_HDR	0.151	0.144	0.007	0.19%	
100.3	58_HDR	0.151	0.144	0.006	0.17%	
100.3	59_HDR	0.151	0.144	0.007	0.18%	
100.3	60_HDR	0.151	0.144	0.007	0.18%	
100.3	199_HDR	0.151	0.144	0.007	0.19%	
100.3	200_HDR	0.149	0.142	0.007	0.19%	
100.3	201_HDR	0.151	0.143	0.007	0.20%	
100.3	203_HDR	0.150	0.142	0.008	0.20%	
100.3	204_HDR	0.153	0.147	0.006	0.17%	
100.3	205_HDR	0.151	0.145	0.006	0.17%	
100.3	206_HDR	0.150	0.143	0.007	0.17%	
100.3	207_HDR	0.151	0.144	0.007	0.18%	
100.3	208_HDR	0.151	0.144	0.008	0.20%	
100.3	209_HDR	0.151	0.144	0.007	0.19%	
100.3	210_HDR	0.151	0.144	0.007	0.19%	
100.3	211_HDR	0.151	0.144	0.007	0.20%	
100.4	212_HDR	0.152	0.148	0.004	0.10%	
100.4	213_HDR	0.151	0.147	0.004	0.11%	
100.4	214_HDR	0.151	0.147	0.004	0.11%	
100.4	216_HDR	0.152	0.148	0.004	0.12%	
100.4	217_HDR	0.151	0.147	0.004	0.11%	
Max		0.156	0.150	0.008	0.22%	
Average		0.152	0.146	0.007	0.17%	
Min		0.149	0.142	0.004	0.10%	
Std Dev		0.002	0.003	0.001	0.03%	

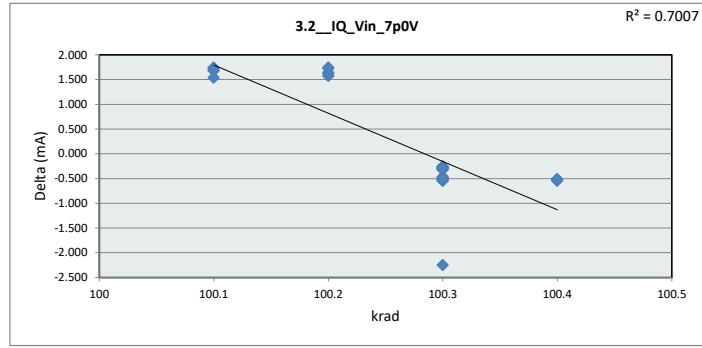


3.1_IRCP_1p5V				
Test Site				
Tester				
Test Number				
Max Limit		3.8	mA	
Min Limit		0.05	mA	
krad	100.1	100.2	100.3	100.4
LL	0.050	0.050	0.050	0.050
Min	0.149	0.148	0.142	0.147
Average	0.150	0.149	0.144	0.147
Max	0.150	0.149	0.147	0.148
UL	3.800	3.800	3.800	3.800

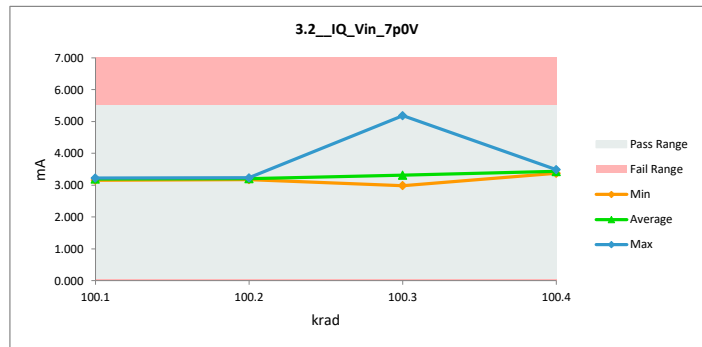


100k ELDRS Report TPS7H2201-SP

		3.2_IQ_Vin_7p0V			
Test Site					
Tester					
Test Number					
Unit		mA	mA		
Max Limit		5.5	5.5		
Min Limit		0.05	0.05		
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	4.874	3.198	1.676	30.75%
100.1	33_LDR	4.765	3.226	1.539	28.24%
100.1	34_LDR	4.897	3.157	1.740	31.93%
100.1	36_LDR	4.904	3.173	1.730	31.75%
100.1	40_LDR	4.897	3.204	1.693	31.06%
100.2	19_LDR	4.853	3.212	1.641	30.10%
100.2	21_LDR	4.787	3.214	1.573	28.86%
100.2	26_LDR	4.826	3.206	1.620	29.72%
100.2	27_LDR	4.975	3.230	1.744	32.00%
100.2	28_LDR	4.901	3.176	1.725	31.65%
100.3	50_HDR	2.934	5.183	-2.249	41.27%
100.3	51_HDR	2.838	3.117	-0.279	5.12%
100.3	52_HDR	2.847	3.158	-0.311	5.70%
100.3	53_HDR	2.820	3.121	-0.301	5.52%
100.3	55_HDR	2.728	2.986	-0.257	4.72%
100.3	56_HDR	2.871	3.423	-0.552	10.12%
100.3	57_HDR	2.914	3.449	-0.535	9.81%
100.3	58_HDR	2.888	3.353	-0.465	8.53%
100.3	59_HDR	2.878	3.155	-0.277	5.09%
100.3	60_HDR	2.837	3.321	-0.484	8.87%
100.3	199_HDR	2.836	3.130	-0.294	5.40%
100.3	200_HDR	2.766	3.257	-0.491	9.00%
100.3	201_HDR	2.859	3.371	-0.512	9.39%
100.3	203_HDR	2.806	3.339	-0.533	9.78%
100.3	204_HDR	2.886	3.181	-0.296	5.42%
100.3	205_HDR	2.872	3.376	-0.504	9.25%
100.3	206_HDR	2.770	3.033	-0.263	4.83%
100.3	207_HDR	2.857	3.142	-0.284	5.22%
100.3	208_HDR	2.886	3.172	-0.286	5.24%
100.3	209_HDR	2.915	3.238	-0.324	5.94%
100.3	210_HDR	2.893	3.168	-0.275	5.04%
100.3	211_HDR	2.857	3.159	-0.302	5.54%
100.4	212_HDR	2.860	3.376	-0.516	9.46%
100.4	213_HDR	2.942	3.488	-0.546	10.02%
100.4	214_HDR	2.888	3.412	-0.525	9.63%
100.4	216_HDR	2.890	3.427	-0.537	9.85%
100.4	217_HDR	2.933	3.450	-0.517	9.50%
	Max	4.975	5.183	1.744	41.27%
	Average	3.404	3.297	0.107	14.58%
	Min	2.728	2.986	-2.249	4.72%
	Std Dev	0.905	0.342	1.015	11.50%

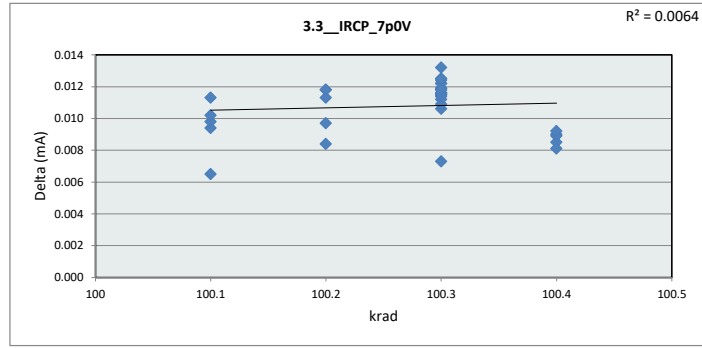


		3.2_IQ_Vin_7p0V			
Test Site					
Tester					
Test Number					
Max Limit		5.5	mA		
Min Limit		0.05	mA		
krad	100.1	100.2	100.3	100.4	
LL	0.050	0.050	0.050	0.050	
Min	3.157	3.176	2.986	3.376	
Average	3.192	3.208	3.310	3.431	
Max	3.226	3.230	5.183	3.488	
UL	5.500	5.500	5.500	5.500	

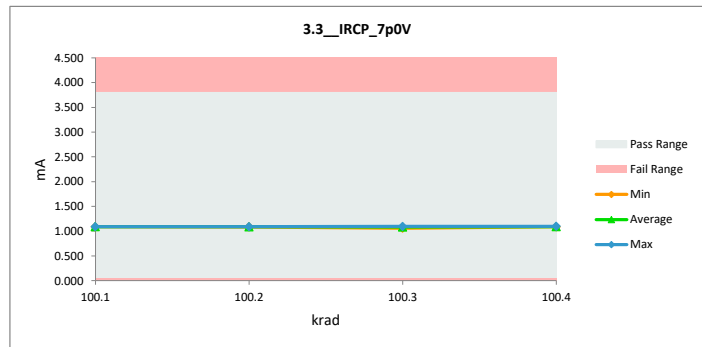


100k ELDRS Report TPS7H2201-SP

3.3_IRCP_7p0V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		3.8	3.8			
Min Limit		0.05	0.05			
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range	
100.1	31_LDR	1.102	1.092	0.009	0.25%	
100.1	33_LDR	1.101	1.091	0.010	0.26%	
100.1	34_LDR	1.102	1.090	0.011	0.30%	
100.1	36_LDR	1.099	1.089	0.010	0.27%	
100.1	40_LDR	1.097	1.090	0.007	0.17%	
100.2	19_LDR	1.099	1.087	0.012	0.31%	
100.2	21_LDR	1.098	1.087	0.011	0.30%	
100.2	26_LDR	1.098	1.088	0.010	0.26%	
100.2	27_LDR	1.101	1.089	0.012	0.31%	
100.2	28_LDR	1.096	1.088	0.008	0.22%	
100.3	50_HDR	1.098	1.091	0.007	0.19%	
100.3	51_HDR	1.099	1.087	0.012	0.31%	
100.3	52_HDR	1.097	1.086	0.012	0.31%	
100.3	53_HDR	1.104	1.092	0.012	0.32%	
100.3	55_HDR	1.071	1.060	0.012	0.31%	
100.3	56_HDR	1.097	1.084	0.013	0.35%	
100.3	57_HDR	1.100	1.089	0.012	0.31%	
100.3	58_HDR	1.098	1.088	0.011	0.28%	
100.3	59_HDR	1.098	1.086	0.012	0.31%	
100.3	60_HDR	1.101	1.090	0.011	0.30%	
100.3	199_HDR	1.100	1.088	0.012	0.32%	
100.3	200_HDR	1.079	1.067	0.012	0.33%	
100.3	201_HDR	1.098	1.085	0.012	0.33%	
100.3	203_HDR	1.088	1.075	0.013	0.33%	
100.3	204_HDR	1.107	1.095	0.012	0.31%	
100.3	205_HDR	1.100	1.089	0.011	0.29%	
100.3	206_HDR	1.081	1.069	0.011	0.30%	
100.3	207_HDR	1.097	1.085	0.011	0.30%	
100.3	208_HDR	1.096	1.084	0.012	0.33%	
100.3	209_HDR	1.101	1.089	0.012	0.31%	
100.3	210_HDR	1.100	1.089	0.012	0.31%	
100.3	211_HDR	1.100	1.087	0.013	0.33%	
100.4	212_HDR	1.098	1.090	0.008	0.23%	
100.4	213_HDR	1.097	1.089	0.008	0.22%	
100.4	214_HDR	1.101	1.092	0.009	0.24%	
100.4	216_HDR	1.107	1.098	0.009	0.24%	
100.4	217_HDR	1.098	1.088	0.009	0.25%	
	Max	1.107	1.098	0.013	0.35%	
	Average	1.097	1.087	0.011	0.29%	
	Min	1.071	1.060	0.007	0.17%	
	Std Dev	0.007	0.007	0.002	0.04%	

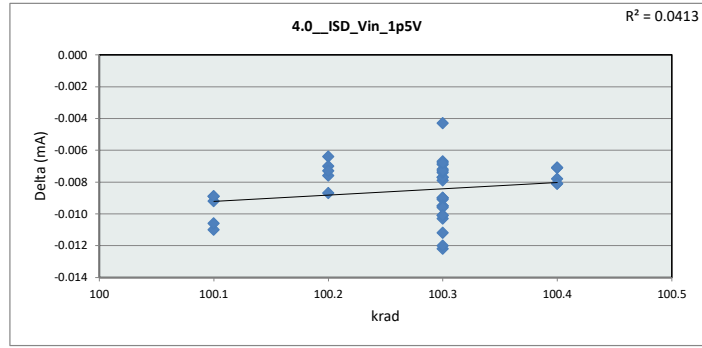


3.3_IRCP_7p0V				
Test Site				
Tester				
Test Number				
Max Limit		3.8	mA	
Min Limit		0.05	mA	
krad	100.1	100.2	100.3	100.4
LL	0.050	0.050	0.050	0.050
Min	1.089	1.087	1.060	1.088
Average	1.091	1.088	1.084	1.091
Max	1.092	1.090	1.096	1.098
UL	3.800	3.800	3.800	3.800

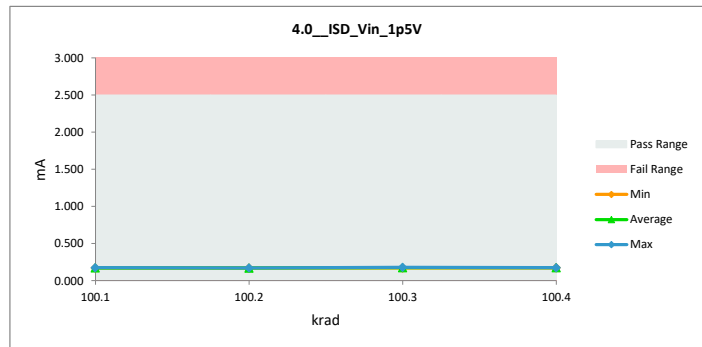


100k ELDRS Report TPS7H2201-SP

		4.0_ISD_Vin_1p5V			
Test Site					
Tester					
Test Number					
Unit		mA	mA		
Max Limit		2.5	2.5		
Min Limit		0.01	0.01		
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	0.162	0.171	-0.009	0.36%
100.1	33_LDR	0.162	0.171	-0.009	0.37%
100.1	34_LDR	0.163	0.174	-0.011	0.44%
100.1	36_LDR	0.164	0.172	-0.009	0.36%
100.1	40_LDR	0.163	0.174	-0.011	0.43%
100.2	19_LDR	0.163	0.170	-0.008	0.31%
100.2	21_LDR	0.161	0.170	-0.009	0.35%
100.2	26_LDR	0.164	0.170	-0.006	0.26%
100.2	27_LDR	0.162	0.169	-0.007	0.28%
100.2	28_LDR	0.163	0.170	-0.007	0.29%
100.3	50_HDR	0.168	0.176	-0.008	0.31%
100.3	51_HDR	0.165	0.175	-0.010	0.41%
100.3	52_HDR	0.164	0.174	-0.009	0.37%
100.3	53_HDR	0.166	0.178	-0.012	0.49%
100.3	55_HDR	0.160	0.169	-0.009	0.36%
100.3	56_HDR	0.167	0.179	-0.012	0.48%
100.3	57_HDR	0.167	0.174	-0.007	0.29%
100.3	58_HDR	0.166	0.174	-0.008	0.32%
100.3	59_HDR	0.168	0.177	-0.009	0.36%
100.3	60_HDR	0.167	0.174	-0.008	0.31%
100.3	199_HDR	0.166	0.173	-0.007	0.27%
100.3	200_HDR	0.162	0.171	-0.009	0.38%
100.3	201_HDR	0.166	0.173	-0.007	0.30%
100.3	203_HDR	0.163	0.173	-0.010	0.41%
100.3	204_HDR	0.172	0.176	-0.004	0.17%
100.3	205_HDR	0.166	0.173	-0.007	0.28%
100.3	206_HDR	0.162	0.169	-0.007	0.29%
100.3	207_HDR	0.166	0.173	-0.007	0.27%
100.3	208_HDR	0.166	0.177	-0.011	0.45%
100.3	209_HDR	0.166	0.176	-0.010	0.38%
100.3	210_HDR	0.167	0.176	-0.010	0.39%
100.3	211_HDR	0.166	0.176	-0.010	0.41%
100.4	212_HDR	0.167	0.174	-0.007	0.29%
100.4	213_HDR	0.165	0.173	-0.008	0.33%
100.4	214_HDR	0.166	0.174	-0.008	0.31%
100.4	216_HDR	0.167	0.175	-0.008	0.33%
100.4	217_HDR	0.168	0.175	-0.007	0.29%
	Max	0.172	0.179	-0.004	0.49%
	Average	0.165	0.174	-0.009	0.34%
	Min	0.160	0.169	-0.012	0.17%
	Std Dev	0.002	0.003	0.002	0.07%



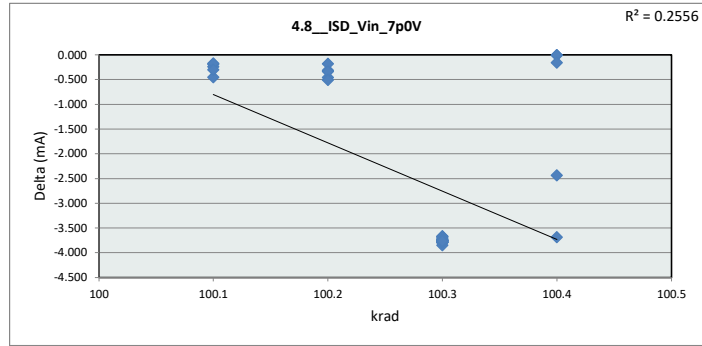
		4.0_ISD_Vin_1p5V			
Test Site					
Tester					
Test Number					
Max Limit		2.5	mA		
Min Limit		0.01	mA		
krad	100.1	100.2	100.3	100.4	
LL	0.010	0.010	0.010	0.010	
Min	0.171	0.169	0.169	0.173	
Average	0.172	0.170	0.174	0.174	
Max	0.174	0.171	0.179	0.175	
UL	2.500	2.500	2.500	2.500	



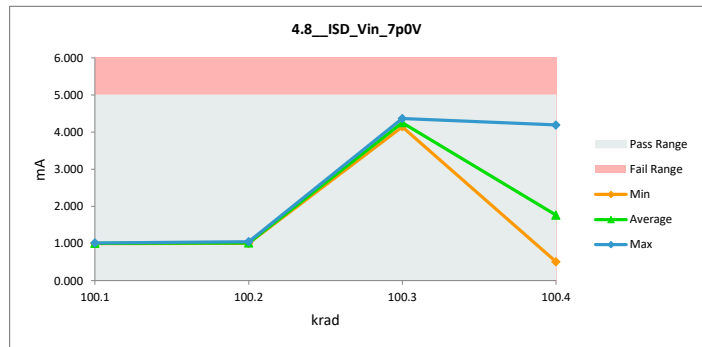
100k ELDRS Report TPS7H2201-SP

4.8_ISD_Vin_7p0V	
Test Site	
Tester	
Test Number	
Unit	mA
Max Limit	5
Min Limit	0.01

krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	0.560	1.015	-0.455	9.11%
100.1	33_LDR	0.810	1.002	-0.192	3.85%
100.1	34_LDR	0.771	1.011	-0.239	4.80%
100.1	36_LDR	0.823	0.997	-0.174	3.49%
100.1	40_LDR	0.702	1.005	-0.303	6.06%
100.2	19_LDR	0.692	1.005	-0.313	6.28%
100.2	21_LDR	0.825	1.007	-0.182	3.65%
100.2	26_LDR	0.595	1.052	-0.457	9.15%
100.2	27_LDR	0.673	1.013	-0.339	6.80%
100.2	28_LDR	0.499	1.008	-0.509	10.20%
100.3	50_HDR	0.505	4.301	-3.796	76.07%
100.3	51_HDR	0.498	4.253	-3.756	75.26%
100.3	52_HDR	0.497	4.245	-3.748	75.11%
100.3	53_HDR	0.502	4.284	-3.782	75.79%
100.3	55_HDR	0.480	4.146	-3.666	73.47%
100.3	56_HDR	0.502	4.295	-3.793	76.01%
100.3	57_HDR	0.505	4.296	-3.791	75.97%
100.3	58_HDR	0.502	4.273	-3.771	75.57%
100.3	59_HDR	0.506	4.296	-3.790	75.95%
100.3	60_HDR	0.504	4.259	-3.756	75.26%
100.3	199_HDR	0.500	4.251	-3.751	75.16%
100.3	200_HDR	0.485	4.162	-3.677	73.69%
100.3	201_HDR	0.498	4.238	-3.739	74.93%
100.3	203_HDR	0.492	4.207	-3.715	74.45%
100.3	204_HDR	0.512	4.364	-3.852	77.19%
100.3	205_HDR	0.504	4.292	-3.788	75.91%
100.3	206_HDR	0.486	4.172	-3.686	73.86%
100.3	207_HDR	0.499	4.243	-3.744	75.03%
100.3	208_HDR	0.500	4.281	-3.781	75.77%
100.3	209_HDR	0.502	4.255	-3.753	75.21%
100.3	210_HDR	0.504	4.287	-3.783	75.82%
100.3	211_HDR	0.501	4.267	-3.767	75.48%
100.4	212_HDR	0.504	2.944	-2.440	48.89%
100.4	213_HDR	0.500	0.508	-0.007	0.15%
100.4	214_HDR	0.503	0.510	-0.007	0.15%
100.4	216_HDR	0.503	4.192	-3.688	73.91%
100.4	217_HDR	0.503	0.662	-0.159	3.19%
Max		0.825	4.364	-0.007	77.19%
Average		0.553	3.043	-2.491	49.91%
Min		0.480	0.508	-3.852	0.15%
Std Dev		0.105	1.613	1.683	33.73%

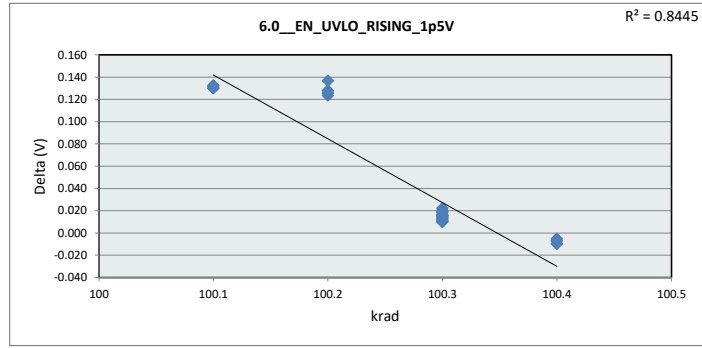


4.8_ISD_Vin_7p0V		100.1	100.2	100.3	100.4
Test Site					
Tester					
Test Number					
Max Limit	5				
Min Limit	0.01				
LL		0.010	0.010	0.010	0.010
Min		0.997	1.006	4.146	0.508
Average		1.006	1.017	4.258	1.763
Max		1.015	1.052	4.364	4.192
UL		5.000	5.000	5.000	5.000

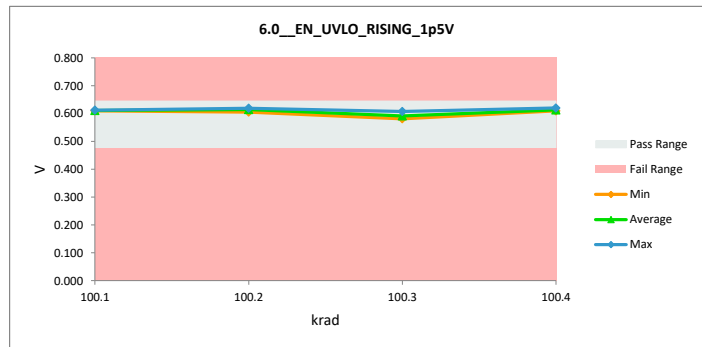


100k ELDRS Report TPS7H2201-SP

6.0_EN_UVLO_RISING_1p5V						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.645	0.645				
Min Limit	0.475	0.475				
krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range	
100.1	31_LDR	0.742	0.611	0.131	77.18%	
100.1	33_LDR	0.742	0.612	0.130	76.47%	
100.1	34_LDR	0.742	0.610	0.132	77.82%	
100.1	36_LDR	0.742	0.612	0.130	76.47%	
100.1	40_LDR	0.742	0.610	0.132	77.82%	
100.2	19_LDR	0.742	0.615	0.128	75.18%	
100.2	21_LDR	0.742	0.615	0.128	75.18%	
100.2	26_LDR	0.742	0.619	0.123	72.59%	
100.2	27_LDR	0.742	0.617	0.126	73.88%	
100.2	28_LDR	0.742	0.606	0.137	80.41%	
100.3	50_HDR	0.598	0.584	0.014	8.29%	
100.3	51_HDR	0.602	0.587	0.015	8.71%	
100.3	52_HDR	0.609	0.593	0.016	9.18%	
100.3	53_HDR	0.610	0.587	0.022	13.06%	
100.3	55_HDR	0.614	0.598	0.016	9.35%	
100.3	56_HDR	0.601	0.582	0.019	11.00%	
100.3	57_HDR	0.597	0.583	0.015	8.53%	
100.3	58_HDR	0.615	0.598	0.016	9.59%	
100.3	59_HDR	0.607	0.595	0.013	7.47%	
100.3	60_HDR	0.618	0.608	0.010	5.82%	
100.3	199_HDR	0.597	0.585	0.012	7.12%	
100.3	200_HDR	0.602	0.588	0.013	7.88%	
100.3	201_HDR	0.613	0.592	0.021	12.06%	
100.3	203_HDR	0.599	0.581	0.018	10.59%	
100.3	204_HDR	0.616	0.606	0.010	6.00%	
100.3	205_HDR	0.602	0.591	0.011	6.24%	
100.3	206_HDR	0.606	0.596	0.010	5.82%	
100.3	207_HDR	0.612	0.600	0.011	6.65%	
100.3	208_HDR	0.608	0.597	0.011	6.24%	
100.3	209_HDR	0.609	0.593	0.016	9.35%	
100.3	210_HDR	0.602	0.586	0.016	9.18%	
100.3	211_HDR	0.604	0.585	0.019	11.24%	
100.4	212_HDR	0.604	0.614	-0.010	5.82%	
100.4	213_HDR	0.602	0.609	-0.007	4.18%	
100.4	214_HDR	0.604	0.609	-0.005	3.12%	
100.4	216_HDR	0.604	0.614	-0.010	5.65%	
100.4	217_HDR	0.614	0.620	-0.007	3.94%	
	Max	0.742	0.620	0.137	80.41%	
	Average	0.643	0.600	0.043	26.35%	
	Min	0.597	0.581	-0.010	3.12%	
	Std Dev	0.062	0.012	0.054	30.91%	



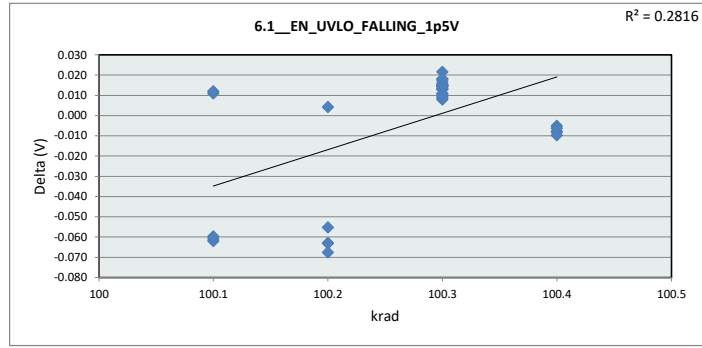
6.0_EN_UVLO_RISING_1p5V				
Test Site				
Tester				
Test Number				
Max Limit	0.645	V		
Min Limit	0.475	V		
krad	100.1	100.2	100.3	100.4
LL	0.475	0.475	0.475	0.475
Min	0.610	0.606	0.581	0.609
Average	0.611	0.614	0.592	0.613
Max	0.612	0.619	0.608	0.620
UL	0.645	0.645	0.645	0.645



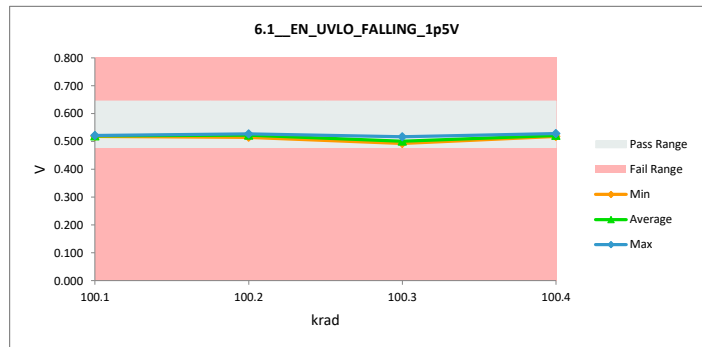
100k ELDRS Report
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6.1_EN_UVLO_FALLING_1p5V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	0.530	0.519	0.011	6.41%
100.1	33_LDR	0.460	0.522	-0.062	36.47%
100.1	34_LDR	0.530	0.518	0.012	7.06%
100.1	36_LDR	0.460	0.521	-0.061	35.82%
100.1	40_LDR	0.460	0.519	-0.060	35.18%
100.2	19_LDR	0.460	0.523	-0.063	37.12%
100.2	21_LDR	0.460	0.523	-0.063	37.12%
100.2	26_LDR	0.460	0.527	-0.068	39.76%
100.2	27_LDR	0.530	0.526	0.004	2.47%
100.2	28_LDR	0.460	0.515	-0.055	32.53%
100.3	50_HDR	0.509	0.495	0.015	8.59%
100.3	51_HDR	0.511	0.496	0.014	8.35%
100.3	52_HDR	0.518	0.502	0.016	9.47%
100.3	53_HDR	0.518	0.496	0.021	12.65%
100.3	55_HDR	0.520	0.506	0.015	8.71%
100.3	56_HDR	0.511	0.494	0.017	10.24%
100.3	57_HDR	0.507	0.492	0.015	8.94%
100.3	58_HDR	0.521	0.507	0.014	8.41%
100.3	59_HDR	0.517	0.503	0.014	7.94%
100.3	60_HDR	0.527	0.516	0.011	6.35%
100.3	199_HDR	0.508	0.495	0.013	7.59%
100.3	200_HDR	0.512	0.499	0.013	7.65%
100.3	201_HDR	0.520	0.502	0.018	10.59%
100.3	203_HDR	0.508	0.493	0.015	8.94%
100.3	204_HDR	0.525	0.516	0.010	5.76%
100.3	205_HDR	0.510	0.502	0.008	5.00%
100.3	206_HDR	0.513	0.506	0.008	4.65%
100.3	207_HDR	0.518	0.508	0.011	6.29%
100.3	208_HDR	0.515	0.506	0.009	5.41%
100.3	209_HDR	0.517	0.502	0.015	8.71%
100.3	210_HDR	0.510	0.495	0.015	8.71%
100.3	211_HDR	0.512	0.495	0.018	10.59%
100.4	212_HDR	0.513	0.522	-0.008	4.82%
100.4	213_HDR	0.511	0.519	-0.008	4.65%
100.4	214_HDR	0.512	0.518	-0.005	3.00%
100.4	216_HDR	0.513	0.523	-0.010	5.76%
100.4	217_HDR	0.522	0.528	-0.006	3.71%
	Max	0.530	0.528	0.021	39.76%
	Average	0.506	0.509	-0.004	12.74%
	Min	0.460	0.492	-0.068	2.47%
	Std Dev	0.023	0.012	0.029	11.77%



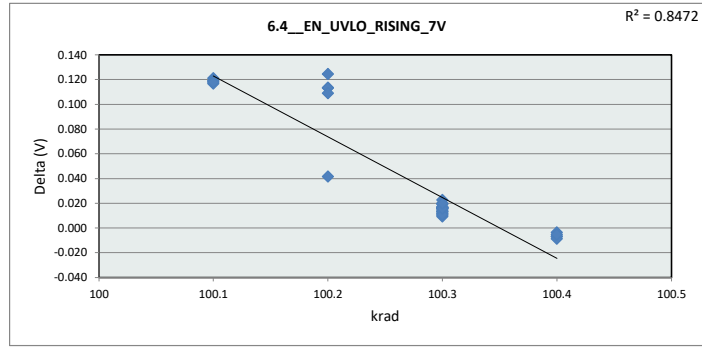
6.1_EN_UVLO_FALLING_1p5V		100.1	100.2	100.3	100.4
Test Site					
Tester					
Test Number					
Max Limit	0.645	V			
Min Limit	0.475	V			
krad		100.1	100.2	100.3	100.4
LL	0.475	0.475	0.475	0.475	0.475
Min	0.518	0.515	0.492	0.518	
Average	0.520	0.523	0.501	0.522	
Max	0.522	0.527	0.516	0.528	
UL	0.645	0.645	0.645	0.645	



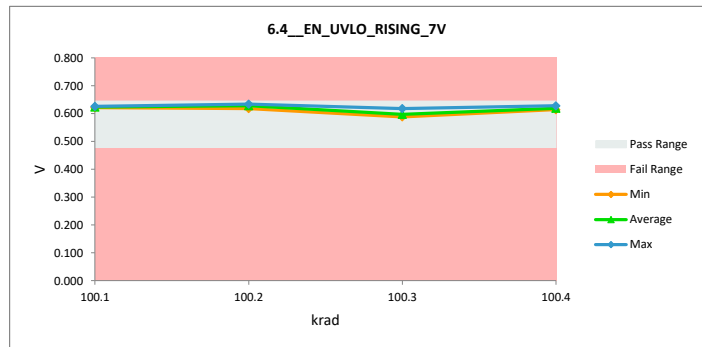
100k ELDRS Report
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6.4_EN_UVLO_RISING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	0.742	0.621	0.121	71.24%
100.1	33_LDR	0.742	0.626	0.117	68.65%
100.1	34_LDR	0.742	0.623	0.119	69.94%
100.1	36_LDR	0.742	0.623	0.119	69.94%
100.1	40_LDR	0.742	0.625	0.118	69.29%
100.2	19_LDR	0.742	0.629	0.113	66.65%
100.2	21_LDR	0.742	0.629	0.113	66.65%
100.2	26_LDR	0.742	0.633	0.109	64.06%
100.2	27_LDR	0.672	0.630	0.041	24.41%
100.2	28_LDR	0.742	0.618	0.124	73.24%
100.3	50_HDR	0.606	0.589	0.017	9.94%
100.3	51_HDR	0.608	0.592	0.016	9.41%
100.3	52_HDR	0.617	0.601	0.016	9.35%
100.3	53_HDR	0.616	0.594	0.023	13.29%
100.3	55_HDR	0.617	0.601	0.016	9.35%
100.3	56_HDR	0.607	0.588	0.019	11.18%
100.3	57_HDR	0.605	0.588	0.017	9.76%
100.3	58_HDR	0.618	0.602	0.016	9.59%
100.3	59_HDR	0.613	0.598	0.015	8.94%
100.3	60_HDR	0.626	0.614	0.012	7.06%
100.3	199_HDR	0.604	0.590	0.013	7.88%
100.3	200_HDR	0.611	0.597	0.014	8.12%
100.3	201_HDR	0.620	0.600	0.020	11.65%
100.3	203_HDR	0.605	0.588	0.017	9.94%
100.3	204_HDR	0.629	0.618	0.012	6.88%
100.3	205_HDR	0.605	0.596	0.009	5.41%
100.3	206_HDR	0.610	0.600	0.010	6.06%
100.3	207_HDR	0.617	0.604	0.013	7.71%
100.3	208_HDR	0.614	0.603	0.011	6.24%
100.3	209_HDR	0.615	0.599	0.017	9.76%
100.3	210_HDR	0.609	0.593	0.016	9.18%
100.3	211_HDR	0.610	0.591	0.020	11.65%
100.4	212_HDR	0.612	0.619	-0.007	4.18%
100.4	213_HDR	0.609	0.616	-0.007	3.94%
100.4	214_HDR	0.610	0.614	-0.004	2.12%
100.4	216_HDR	0.611	0.620	-0.009	5.18%
100.4	217_HDR	0.622	0.628	-0.005	3.12%
	Max	0.742	0.633	0.124	73.24%
	Average	0.646	0.608	0.038	23.27%
	Min	0.604	0.588	-0.009	2.12%
	Std Dev	0.057	0.015	0.046	26.47%



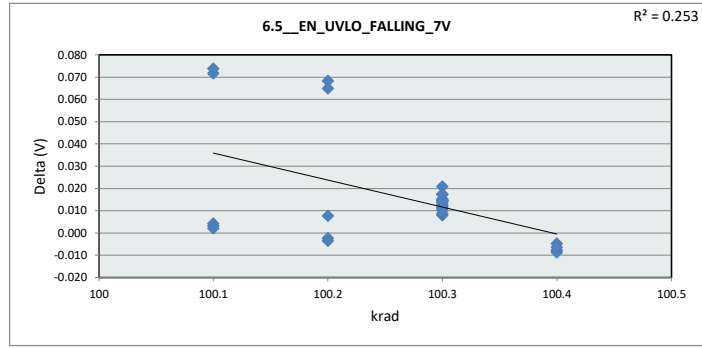
6.4_EN_UVLO_RISING_7V		100.1	100.2	100.3	100.4
Test Site					
Tester					
Test Number					
Max Limit	0.645	V			
Min Limit	0.475	V			
LL	0.475	0.475	0.475	0.475	0.475
Min	0.621	0.618	0.588	0.614	
Average	0.624	0.628	0.598	0.619	
Max	0.626	0.634	0.618	0.628	
UL	0.645	0.645	0.645	0.645	



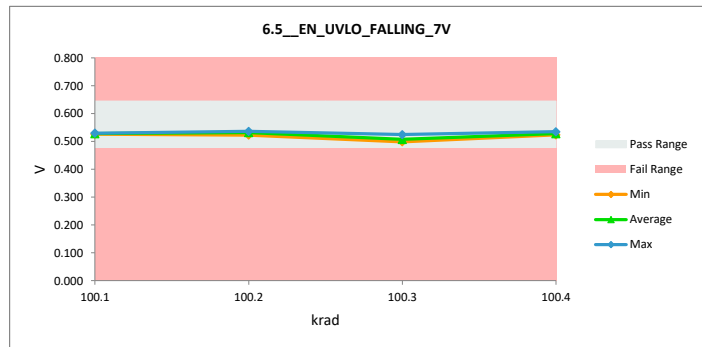
100k ELDRS Report TPS7H2201-SP

6.5_EN_UVLO_FALLING_7V	
Test Site	
Tester	
Test Number	
Unit	V
Max Limit	0.645
Min Limit	0.475

krad	Serial #	ELDRS 100k pre	ELDRS 100k post	Delta	% of Limit Range
100.1	31_LDR	0.530	0.526	0.004	2.47%
100.1	33_LDR	0.601	0.529	0.072	42.12%
100.1	34_LDR	0.530	0.527	0.003	1.82%
100.1	36_LDR	0.601	0.527	0.074	43.41%
100.1	40_LDR	0.530	0.528	0.002	1.18%
100.2	19_LDR	0.601	0.533	0.068	40.18%
100.2	21_LDR	0.530	0.533	-0.002	1.41%
100.2	26_LDR	0.601	0.536	0.065	38.18%
100.2	27_LDR	0.530	0.534	-0.004	2.12%
100.2	28_LDR	0.530	0.523	0.008	4.47%
100.3	50_HDR	0.515	0.500	0.015	8.59%
100.3	51_HDR	0.516	0.502	0.014	8.18%
100.3	52_HDR	0.524	0.509	0.015	8.71%
100.3	53_HDR	0.524	0.503	0.021	12.24%
100.3	55_HDR	0.524	0.510	0.015	8.53%
100.3	56_HDR	0.516	0.498	0.017	10.24%
100.3	57_HDR	0.514	0.499	0.015	8.94%
100.3	58_HDR	0.525	0.511	0.015	8.53%
100.3	59_HDR	0.520	0.507	0.013	7.59%
100.3	60_HDR	0.533	0.522	0.011	6.35%
100.3	199_HDR	0.513	0.501	0.012	7.06%
100.3	200_HDR	0.519	0.507	0.012	7.29%
100.3	201_HDR	0.526	0.509	0.017	10.18%
100.3	203_HDR	0.514	0.499	0.015	8.71%
100.3	204_HDR	0.534	0.524	0.010	6.00%
100.3	205_HDR	0.514	0.506	0.008	4.65%
100.3	206_HDR	0.518	0.509	0.008	5.00%
100.3	207_HDR	0.524	0.513	0.011	6.65%
100.3	208_HDR	0.521	0.512	0.009	5.06%
100.3	209_HDR	0.523	0.508	0.015	8.59%
100.3	210_HDR	0.517	0.503	0.014	8.18%
100.3	211_HDR	0.518	0.501	0.017	10.18%
100.4	212_HDR	0.520	0.527	-0.008	4.65%
100.4	213_HDR	0.518	0.525	-0.008	4.65%
100.4	214_HDR	0.518	0.523	-0.005	2.82%
100.4	216_HDR	0.520	0.528	-0.009	5.18%
100.4	217_HDR	0.528	0.535	-0.006	3.76%
	Max	0.601	0.536	0.074	43.41%
	Average	0.531	0.516	0.015	10.10%
	Min	0.513	0.498	-0.009	1.18%
	Std Dev	0.025	0.012	0.021	11.25%



6.5_EN_UVLO_FALLING_7V		100.1	100.2	100.3	100.4
Test Site					
Tester					
Test Number					
Max Limit	0.645	V			
Min Limit	0.475	V			
LL	0.475	0.475	0.475	0.475	0.475
Min	0.526	0.523	0.498	0.523	
Average	0.528	0.532	0.507	0.528	
Max	0.529	0.536	0.524	0.535	
UL	0.645	0.645	0.645	0.645	



Rebound Results

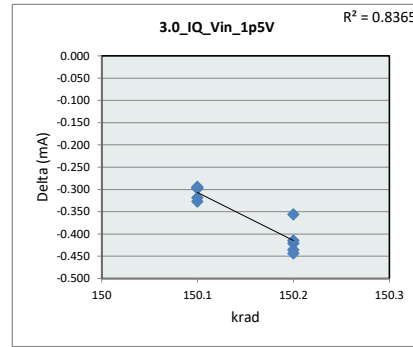
Appendix D provides the rebound results of HDR exposure of 150 krad(Si).

150.1 - biased
150.2 - unbiased

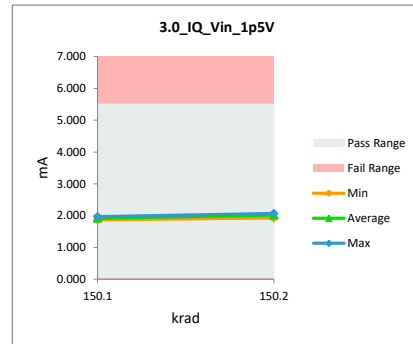
150k HDR Rebound
TPS7H2201-SP

150k HDR Rebound
TPS7H2201-SP

3.0_IQ_Vin_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		5.5	5.5	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.656	1.954	-0.298
150.1	219	1.570	1.866	-0.296
150.1	220	1.605	1.899	-0.294
150.1	221	1.592	1.919	-0.327
150.1	222	1.653	1.972	-0.319
150.2	223	1.647	2.069	-0.422
150.2	224	1.570	1.926	-0.356
150.2	225	1.599	2.035	-0.436
150.2	116	1.597	2.041	-0.444
150.2	117	1.613	2.029	-0.415
	Max	1.656	2.069	-0.294
	Average	1.610	1.971	-0.361
	Min	1.570	1.866	-0.444
	Std Dev	0.032	0.069	0.062

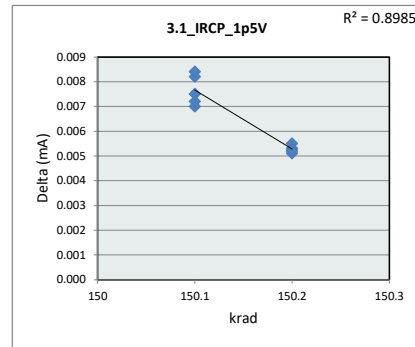


3.0_IQ_Vin_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	5.5	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	1.866	1.927
Average	1.922	2.020
Max	1.972	2.069
UL	5.500	5.500

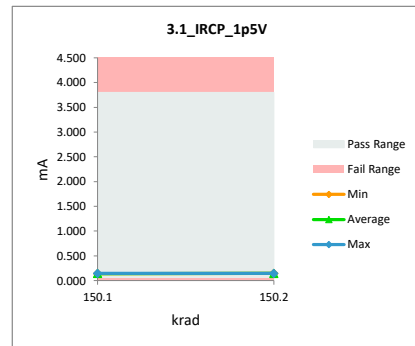


150k HDR Rebound TPS7H2201-SP

3.1_IRCP_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		3.8	3.8	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.151	0.144	0.007
150.1	219	0.150	0.143	0.007
150.1	220	0.150	0.142	0.008
150.1	221	0.151	0.143	0.008
150.1	222	0.152	0.143	0.008
150.2	223	0.152	0.146	0.005
150.2	224	0.150	0.144	0.006
150.2	225	0.151	0.146	0.005
150.2	116	0.151	0.146	0.005
150.2	117	0.151	0.145	0.005
	Max	0.152	0.146	0.008
	Average	0.151	0.144	0.006
	Min	0.150	0.142	0.005
	Std Dev	0.001	0.001	0.001

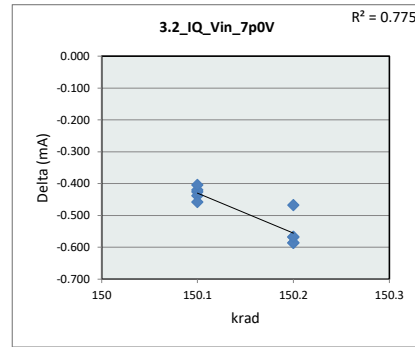


3.1_IRCP_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	3.8	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	0.143	0.144
Average	0.143	0.146
Max	0.144	0.146
UL	3.800	3.800

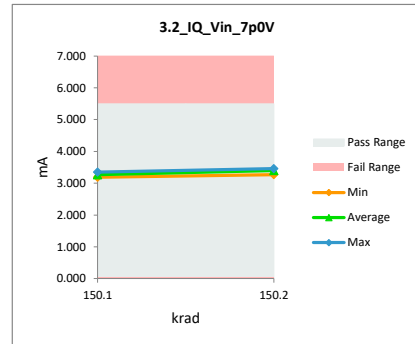


150k HDR Rebound
TPS7H2201-SP

3.2_IQ_Vin_7p0V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		5.5	5.5	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	2.911	3.337	-0.427
150.1	219	2.762	3.183	-0.421
150.1	220	2.803	3.209	-0.405
150.1	221	2.816	3.255	-0.439
150.1	222	2.886	3.345	-0.459
150.2	223	2.885	3.454	-0.569
150.2	224	2.802	3.271	-0.468
150.2	225	2.825	3.411	-0.587
150.2	116	2.823	3.409	-0.586
150.2	117	2.863	3.431	-0.568
Max		2.911	3.454	-0.405
Average		2.838	3.330	-0.493
Min		2.762	3.183	-0.587
Std Dev		0.047	0.097	0.075

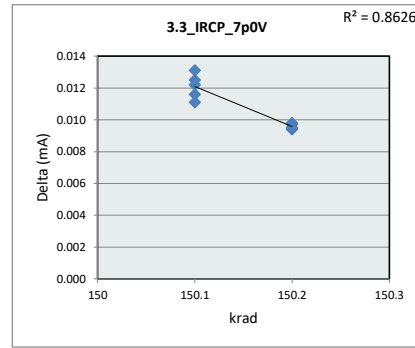


3.2_IQ_Vin_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	5.5	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	3.183	3.271
Average	3.266	3.395
Max	3.345	3.454
UL	5.500	5.500

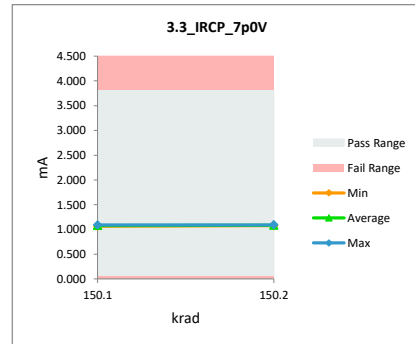


150k HDR Rebound
TPS7H2201-SP

3.3_IRCP_7p0V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		3.8	3.8	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.103	1.092	0.011
150.1	219	1.080	1.069	0.012
150.1	220	1.084	1.072	0.012
150.1	221	1.102	1.089	0.012
150.1	222	1.099	1.086	0.013
150.2	223	1.104	1.095	0.010
150.2	224	1.085	1.075	0.010
150.2	225	1.098	1.089	0.010
150.2	116	1.101	1.092	0.009
150.2	117	1.097	1.087	0.010
	Max	1.104	1.095	0.013
	Average	1.095	1.085	0.011
	Min	1.080	1.069	0.009
	Std Dev	0.009	0.009	0.001

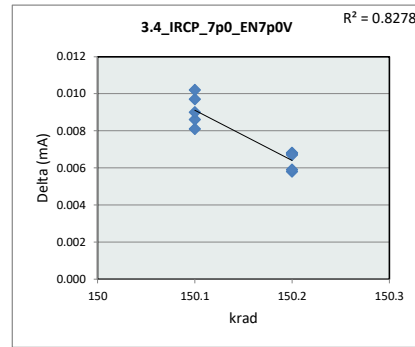


3.3_IRCP_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	3.8	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	1.069	1.075
Average	1.081	1.088
Max	1.092	1.095
UL	3.800	3.800



150k HDR Rebound
TPS7H2201-SP

3.4_IRCP_7p0_EN7p0V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		3.8	3.8	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.102	1.094	0.008
150.1	219	1.079	1.071	0.009
150.1	220	1.083	1.074	0.009
150.1	221	1.101	1.091	0.010
150.1	222	1.098	1.087	0.010
150.2	223	1.104	1.097	0.007
150.2	224	1.084	1.077	0.007
150.2	225	1.098	1.091	0.007
150.2	116	1.100	1.095	0.006
150.2	117	1.096	1.090	0.006
	Max	1.104	1.097	0.010
	Average	1.095	1.087	0.008
	Min	1.079	1.071	0.006
	Std Dev	0.009	0.009	0.002

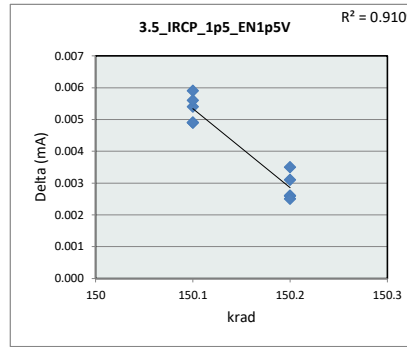


3.4_IRCP_7p0_EN7p0V		
Test Site		
Tester		
Test Number		
Max Limit	3.8	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	1.071	1.077
Average	1.084	1.090
Max	1.094	1.097
UL	3.800	3.800

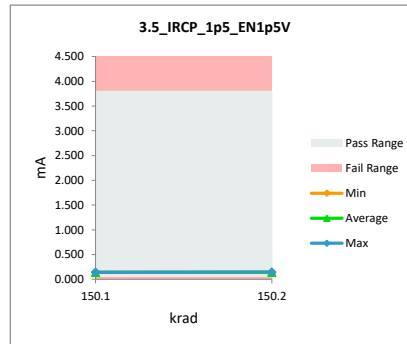


150k HDR Rebound
TPS7H2201-SP

3.5_IRCP_1p5_EN1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		3.8	3.8	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.146	0.140	0.006
150.1	219	0.145	0.140	0.005
150.1	220	0.145	0.140	0.005
150.1	221	0.146	0.140	0.005
150.1	222	0.146	0.141	0.006
150.2	223	0.146	0.144	0.003
150.2	224	0.145	0.142	0.003
150.2	225	0.146	0.143	0.002
150.2	116	0.146	0.142	0.003
150.2	117	0.145	0.142	0.003
	Max	0.146	0.144	0.006
	Average	0.145	0.141	0.004
	Min	0.145	0.140	0.002
	Std Dev	0.001	0.001	0.001

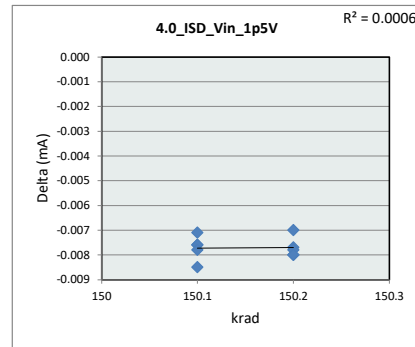


3.5_IRCP_1p5_EN1p5V		
Test Site		
Tester		
Test Number		
Max Limit	3.8	mA
Min Limit	0.05	mA
krad	150.1	150.2
LL	0.050	0.050
Min	0.140	0.142
Average	0.140	0.143
Max	0.141	0.144
UL	3.800	3.800

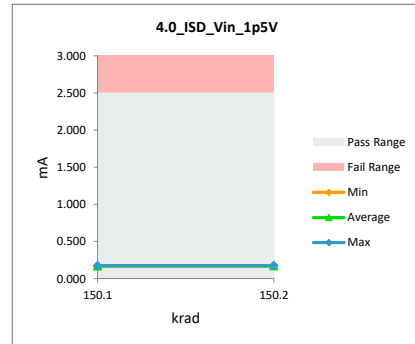


150k HDR Rebound
TPS7H2201-SP

4.0_ISD_Vin_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		2.5	2.5	
Min Limit		0.01	0.01	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.167	0.174	-0.008
150.1	219	0.162	0.169	-0.007
150.1	220	0.163	0.171	-0.008
150.1	221	0.165	0.174	-0.008
150.1	222	0.166	0.174	-0.008
150.2	223	0.168	0.176	-0.008
150.2	224	0.164	0.171	-0.007
150.2	225	0.165	0.173	-0.008
150.2	116	0.165	0.173	-0.008
150.2	117	0.165	0.173	-0.008
	Max	0.168	0.176	-0.007
	Average	0.165	0.173	-0.008
	Min	0.162	0.169	-0.008
	Std Dev	0.002	0.002	0.000

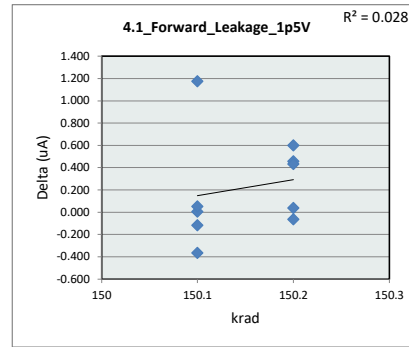


4.0_ISD_Vin_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	2.5	mA
Min Limit	0.01	mA
krad	150.1	150.2
LL	0.010	0.010
Min	0.169	0.171
Average	0.172	0.173
Max	0.174	0.176
UL	2.500	2.500

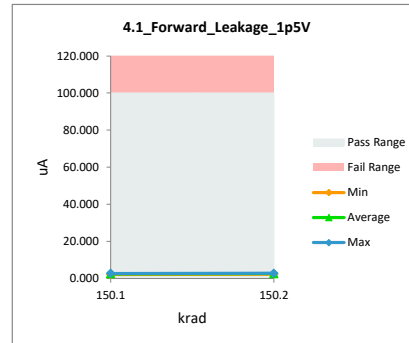


150k HDR Rebound
TPS7H2201-SP

4.1_Forward_Leakage_1p5V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	2.355	2.721	-0.366
150.1	219	2.778	2.773	0.004
150.1	220	2.873	2.822	0.051
150.1	221	2.456	2.574	-0.118
150.1	222	3.417	2.243	1.174
150.2	223	3.045	2.590	0.455
150.2	224	2.936	2.898	0.037
150.2	225	2.886	2.455	0.431
150.2	116	3.198	2.600	0.598
150.2	117	2.785	2.850	-0.065
	Max	3.417	2.898	1.174
	Average	2.873	2.653	0.220
	Min	2.355	2.243	-0.366
	Std Dev	0.315	0.202	0.447

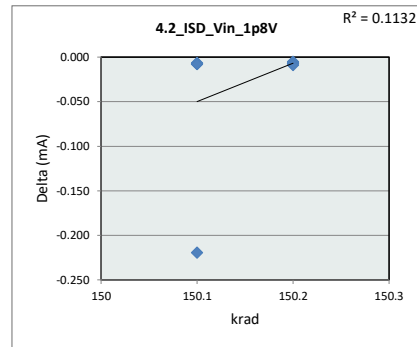


4.1_Forward_Leakage_1p5V		
krad	150.1	150.2
LL	0.010	0.010
Min	2.243	2.456
Average	2.627	2.679
Max	2.822	2.899
UL	100.000	100.000

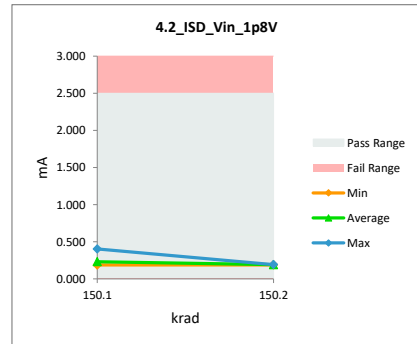


150k HDR Rebound
TPS7H2201-SP

4.2_ISD_Vin_1p8V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		2.5	2.5	
Min Limit		0.01	0.01	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.186	0.193	-0.007
150.1	219	0.180	0.188	-0.007
150.1	220	0.183	0.189	-0.006
150.1	221	0.185	0.404	-0.219
150.1	222	0.187	0.195	-0.008
150.2	223	0.190	0.195	-0.005
150.2	224	0.183	0.190	-0.007
150.2	225	0.185	0.192	-0.006
150.2	116	0.185	0.192	-0.007
150.2	117	0.183	0.192	-0.009
Max		0.190	0.404	-0.005
Average		0.185	0.213	-0.028
Min		0.180	0.188	-0.219
Std Dev		0.003	0.067	0.067

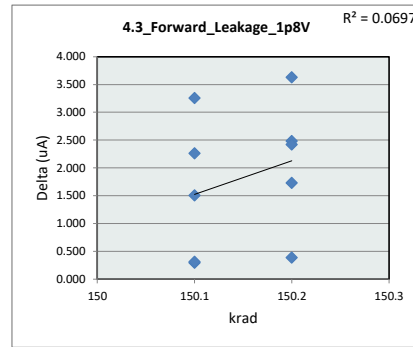


4.2_ISD_Vin_1p8V		
Test Site		
Tester		
Test Number		
Max Limit	2.5	mA
Min Limit	0.01	mA
krad	150.1	150.2
LL	0.010	0.010
Min	0.188	0.190
Average	0.234	0.192
Max	0.404	0.195
UL	2.500	2.500

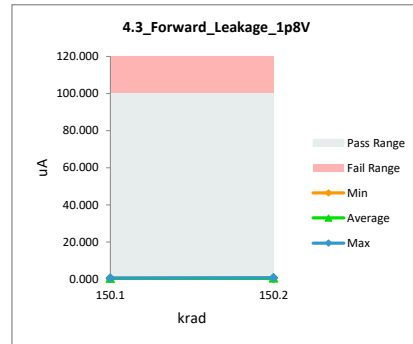


150k HDR Rebound
TPS7H2201-SP

4.3_Forward_Leakage_1p8V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.573	0.277	0.296
150.1	219	1.804	0.299	1.505
150.1	220	2.777	0.515	2.262
150.1	221	0.789	0.478	0.311
150.1	222	3.632	0.378	3.254
150.2	223	3.901	0.274	3.627
150.2	224	2.385	0.656	1.729
150.2	225	2.955	0.473	2.482
150.2	116	2.736	0.315	2.421
150.2	117	0.817	0.430	0.387
Max		3.901	0.656	3.627
Average		2.237	0.409	1.827
Min		0.573	0.274	0.296
Std Dev		1.195	0.124	1.205

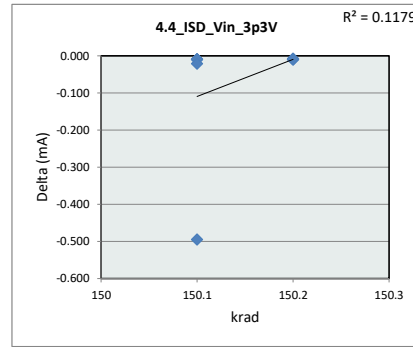


4.3_Forward_Leakage_1p8V		
krad	150.1	150.2
LL	0.010	0.010
Min	0.277	0.274
Average	0.389	0.429
Max	0.515	0.656
UL	100.000	100.000

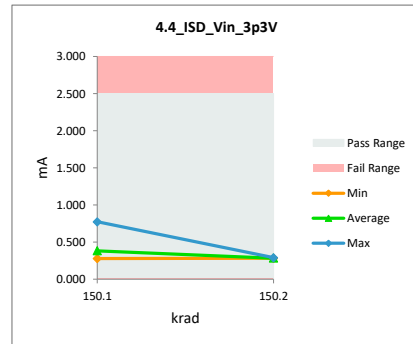


150k HDR Rebound
TPS7H2201-SP

4.4_ISD_Vin_3p3V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		2.5	2.5	
Min Limit		0.01	0.01	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.280	0.290	-0.010
150.1	219	0.269	0.278	-0.009
150.1	220	0.271	0.281	-0.010
150.1	221	0.278	0.774	-0.495
150.1	222	0.277	0.298	-0.022
150.2	223	0.280	0.290	-0.009
150.2	224	0.273	0.281	-0.008
150.2	225	0.275	0.285	-0.009
150.2	116	0.276	0.285	-0.009
150.2	117	0.275	0.285	-0.010
Max		0.280	0.774	-0.008
Average		0.276	0.335	-0.059
Min		0.269	0.278	-0.495
Std Dev		0.004	0.154	0.153

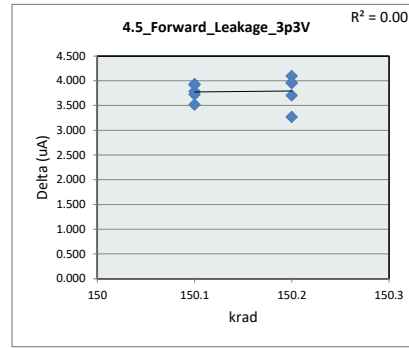


4.4_ISD_Vin_3p3V		
Test Site		
Tester		
Test Number		
Max Limit	2.5	mA
Min Limit	0.01	mA
krad	150.1	150.2
LL	0.010	0.010
Min	0.279	0.281
Average	0.384	0.285
Max	0.774	0.290
UL	2.500	2.500

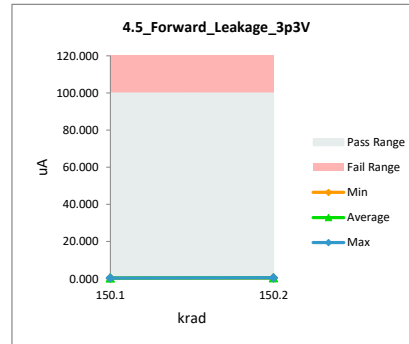


150k HDR Rebound
TPS7H2201-SP

4.5_Forward_Leakage_3p3V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	3.994	0.211	3.783
150.1	219	3.842	0.327	3.514
150.1	220	4.219	0.290	3.929
150.1	221	4.060	0.338	3.721
150.1	222	4.206	0.293	3.913
150.2	223	4.352	0.397	3.955
150.2	224	4.156	0.456	3.701
150.2	225	4.398	0.308	4.090
150.2	116	4.416	0.463	3.953
150.2	117	3.736	0.471	3.265
	Max	4.416	0.471	4.090
	Average	4.138	0.355	3.782
	Min	3.736	0.211	3.265
	Std Dev	0.231	0.088	0.246

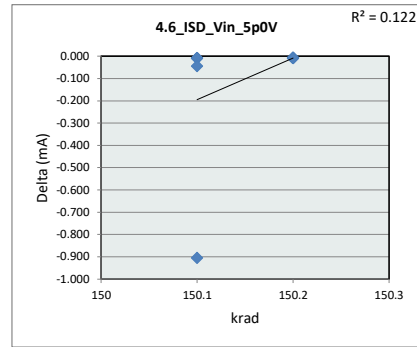


4.5_Forward_Leakage_3p3V		
krad	150.1	150.2
LL	0.010	0.010
Min	0.211	0.308
Average	0.292	0.419
Max	0.339	0.471
UL	100.000	100.000

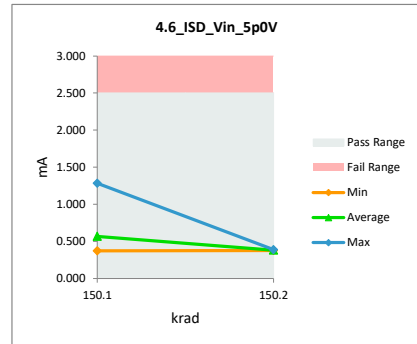


150k HDR Rebound
TPS7H2201-SP

4.6_ISD_Vin_5p0V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		2.5	2.5	
Min Limit		0.01	0.01	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.382	0.391	-0.009
150.1	219	0.367	0.375	-0.008
150.1	220	0.370	0.379	-0.009
150.1	221	0.379	1.285	-0.906
150.1	222	0.377	0.422	-0.045
150.2	223	0.382	0.390	-0.008
150.2	224	0.372	0.379	-0.007
150.2	225	0.375	0.383	-0.008
150.2	116	0.375	0.384	-0.009
150.2	117	0.375	0.384	-0.009
	Max	0.382	1.285	-0.007
	Average	0.375	0.477	-0.102
	Min	0.367	0.375	-0.906
	Std Dev	0.005	0.284	0.283

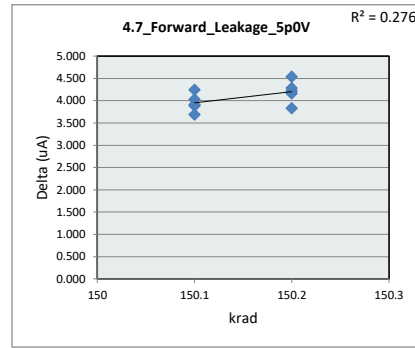


4.6_ISD_Vin_5p0V		
Test Site		
Tester		
Test Number		
Max Limit	2.5	mA
Min Limit	0.01	mA
krad	150.1	150.2
LL	0.010	0.010
Min	0.375	0.379
Average	0.570	0.384
Max	1.285	0.390
UL	2.500	2.500

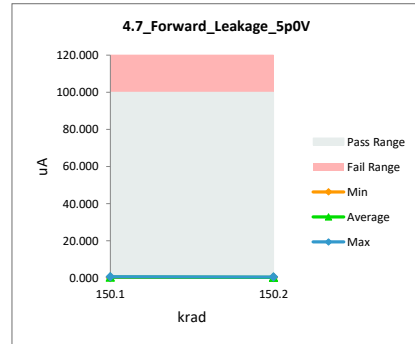


150k HDR Rebound
TPS7H2201-SP

4.7_Forward_Leakage_5p0V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	4.444	0.200	4.244
150.1	219	4.303	0.275	4.028
150.1	220	4.280	0.392	3.888
150.1	221	4.517	0.603	3.914
150.1	222	4.328	0.638	3.690
150.2	223	4.730	0.192	4.538
150.2	224	4.449	0.225	4.224
150.2	225	4.704	0.539	4.164
150.2	116	4.736	0.454	4.282
150.2	117	4.121	0.292	3.829
Max		4.736	0.638	4.538
Average		4.461	0.381	4.080
Min		4.121	0.192	3.690
Std Dev		0.211	0.169	0.255

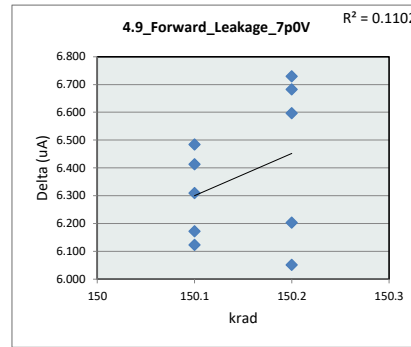


4.7_Forward_Leakage_5p0V		
krad	150.1	150.2
LL	0.010	0.010
Min	0.200	0.192
Average	0.422	0.341
Max	0.638	0.540
UL	100.000	100.000

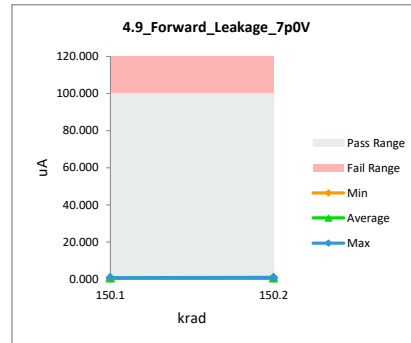


150k HDR Rebound
TPS7H2201-SP

4.9_Forward_Leakage_7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		100	100	
Min Limit		0.01	0.01	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	6.767	0.354	6.413
150.1	219	6.760	0.450	6.309
150.1	220	6.793	0.670	6.123
150.1	221	7.054	0.571	6.484
150.1	222	6.837	0.665	6.172
150.2	223	6.505	0.302	6.203
150.2	224	7.096	0.499	6.596
150.2	225	7.148	0.466	6.682
150.2	116	7.541	0.812	6.729
150.2	117	6.688	0.637	6.051
	Max	7.541	0.812	6.729
	Average	6.919	0.543	6.376
	Min	6.505	0.302	6.051
	Std Dev	0.295	0.157	0.242

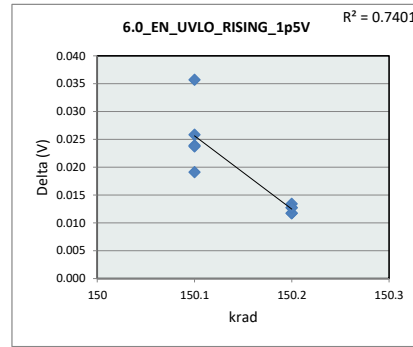


4.9_Forward_Leakage_7p0V		
Test Site		
Tester		
Test Number		
Max Limit		100 uA
Min Limit		0.01 uA
krad	150.1	150.2
LL	0.010	0.010
Min	0.354	0.302
Average	0.542	0.543
Max	0.670	0.812
UL	100.000	100.000

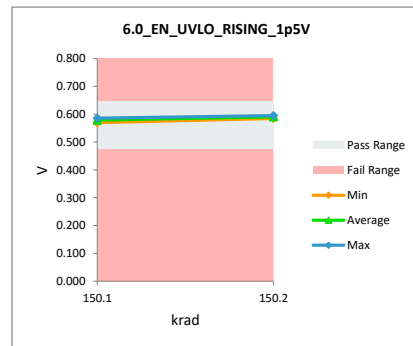


150k HDR Rebound
TPS7H2201-SP

6.0_EN_UVLO_RISING_1p5V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.645	0.645		
Min Limit	0.475	0.475		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.605	0.570	0.036
150.1	219	0.604	0.580	0.024
150.1	220	0.605	0.586	0.019
150.1	221	0.609	0.585	0.024
150.1	222	0.602	0.576	0.026
150.2	223	0.606	0.595	0.012
150.2	224	0.607	0.595	0.012
150.2	225	0.603	0.590	0.013
150.2	116	0.598	0.585	0.013
150.2	117	0.602	0.589	0.013
Max		0.609	0.595	0.036
Average		0.604	0.585	0.019
Min		0.598	0.570	0.012
Std Dev		0.003	0.008	0.008

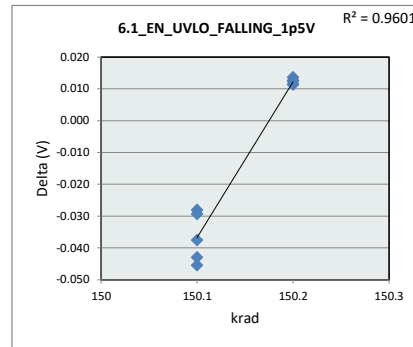


6.0_EN_UVLO_RISING_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	0.645	V
Min Limit	0.475	V
krad	150.1	150.2
LL	0.475	0.475
Min	0.570	0.585
Average	0.579	0.591
Max	0.586	0.595
UL	0.645	0.645

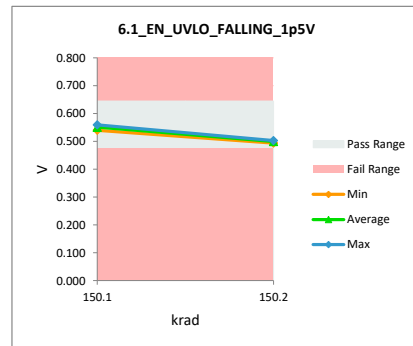


150k HDR Rebound
TPS7H2201-SP

6.1_EN_UVLO_FALLING_1p5V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.515	0.544	-0.028
150.1	219	0.513	0.559	-0.046
150.1	220	0.513	0.556	-0.043
150.1	221	0.517	0.555	-0.038
150.1	222	0.510	0.540	-0.029
150.2	223	0.514	0.503	0.011
150.2	224	0.514	0.503	0.011
150.2	225	0.512	0.499	0.012
150.2	116	0.507	0.494	0.014
150.2	117	0.511	0.498	0.013
	Max	0.517	0.559	0.014
	Average	0.513	0.525	-0.012
	Min	0.507	0.494	-0.046
	Std Dev	0.003	0.028	0.026

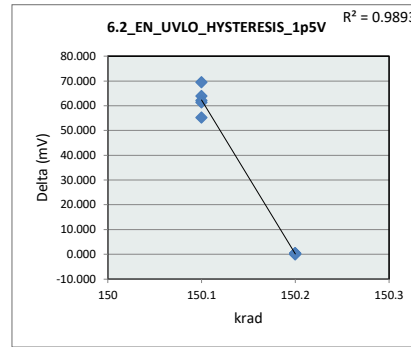


6.1_EN_UVLO_FALLING_1p5V		
krad	150.1	150.2
LL	0.475	0.475
Min	0.540	0.494
Average	0.551	0.499
Max	0.559	0.503
UL	0.645	0.645

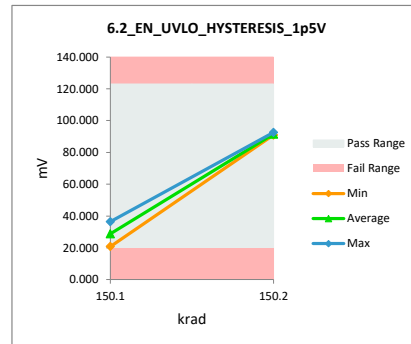


150k HDR Rebound
TPS7H2201-SP

6.2_EN_UVLO_HYSTERESIS_1p5V				
Test Site				
Tester				
Test Number				
Unit		mV	mV	
Max Limit		123	123	
Min Limit		20	20	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	90.092	26.269	63.823
150.1	219	90.222	20.779	69.443
150.1	220	92.305	30.231	62.074
150.1	221	91.692	30.398	61.294
150.1	222	91.616	36.422	55.194
150.2	223	91.748	91.467	0.281
150.2	224	92.770	92.490	0.280
150.2	225	91.413	91.020	0.393
150.2	116	91.245	91.410	-0.165
150.2	117	90.947	90.871	0.076
Max		92.770	92.490	69.443
Average		91.405	60.136	31.269
Min		90.092	20.779	-0.165
Std Dev		0.835	33.236	32.956

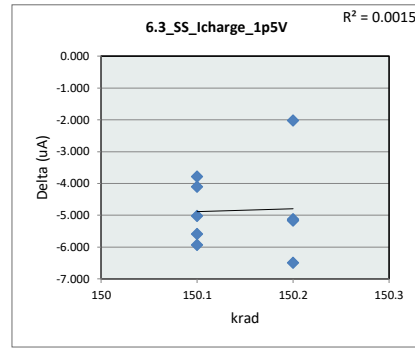


6.2_EN_UVLO_HYSTERESIS_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	123	mV
Min Limit	20	mV
krad	150.1	150.2
LL	20.000	20.000
Min	20.779	90.871
Average	28.820	91.452
Max	36.422	92.490
UL	123.000	123.000

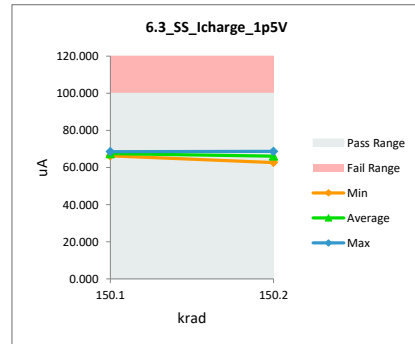


150k HDR Rebound
TPS7H2201-SP

6.3_SS_Icharge_1p5V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	62.572	67.595	-5.023
150.1	219	60.902	66.837	-5.935
150.1	220	62.568	66.352	-3.784
150.1	221	62.426	68.018	-5.592
150.1	222	64.535	68.640	-4.105
150.2	223	63.593	68.718	-5.125
150.2	224	60.745	62.768	-2.023
150.2	225	61.778	66.936	-5.158
150.2	116	58.321	64.819	-6.498
150.2	117	62.747	67.912	-5.165
	Max	64.535	68.718	-2.023
	Average	62.019	66.859	-4.841
	Min	58.321	62.768	-6.498
	Std Dev	1.723	1.849	1.266

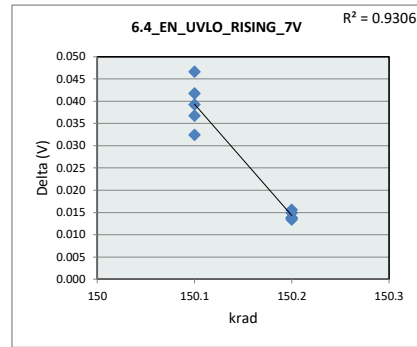


6.3_SS_Icharge_1p5V		
krad	150.1	150.2
LL	0.000	0.000
Min	66.352	62.768
Average	67.488	66.231
Max	68.640	68.718
UL	100.000	100.000

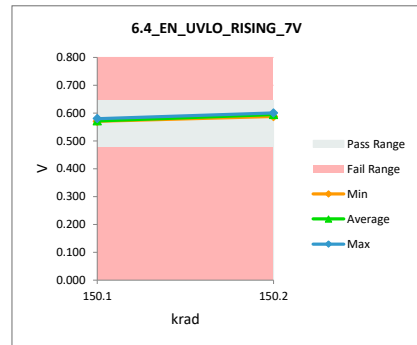


150k HDR Rebound
TPS7H2201-SP

6.4_EN_UVLO_RISING_7V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.645	0.645		
Min Limit	0.475	0.475		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.612	0.580	0.032
150.1	219	0.612	0.570	0.042
150.1	220	0.609	0.570	0.039
150.1	221	0.616	0.570	0.047
150.1	222	0.607	0.570	0.037
150.2	223	0.612	0.598	0.014
150.2	224	0.614	0.600	0.013
150.2	225	0.608	0.595	0.014
150.2	116	0.603	0.587	0.016
150.2	117	0.607	0.592	0.015
	Max	0.616	0.600	0.047
	Average	0.610	0.583	0.027
	Min	0.603	0.570	0.013
	Std Dev	0.004	0.013	0.014

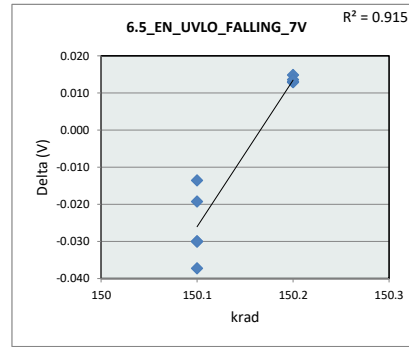


6.4_EN_UVLO_RISING_7V		
Test Site		
Tester		
Test Number		
Max Limit	0.645	V
Min Limit	0.475	V
krad	150.1	150.2
LL	0.475	0.475
Min	0.570	0.587
Average	0.572	0.594
Max	0.580	0.600
UL	0.645	0.645

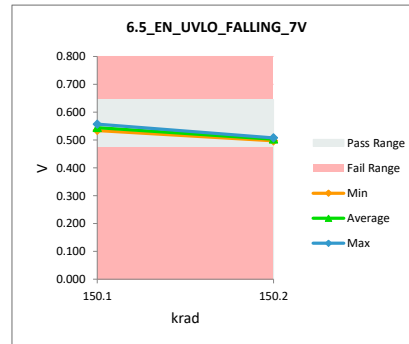


150k HDR Rebound
TPS7H2201-SP

6.5_EN_UVLO_FALLING_7V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.645	0.645		
Min Limit	0.475	0.475		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.520	0.557	-0.037
150.1	219	0.520	0.549	-0.030
150.1	220	0.517	0.547	-0.030
150.1	221	0.523	0.537	-0.014
150.1	222	0.515	0.535	-0.019
150.2	223	0.520	0.507	0.013
150.2	224	0.521	0.508	0.013
150.2	225	0.517	0.504	0.013
150.2	116	0.512	0.497	0.015
150.2	117	0.515	0.502	0.014
Max		0.523	0.557	0.015
Average		0.518	0.524	-0.006
Min		0.512	0.497	-0.037
Std Dev		0.003	0.023	0.022

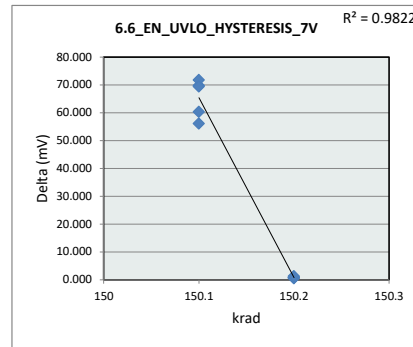


6.5_EN_UVLO_FALLING_7V		
Test Site		
Tester		
Test Number		
Max Limit	0.645	V
Min Limit	0.475	V
krad	150.1	150.2
LL	0.475	0.475
Min	0.535	0.497
Average	0.545	0.504
Max	0.557	0.508
UL	0.645	0.645

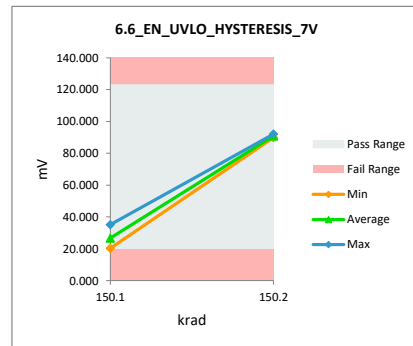


150k HDR Rebound TPS7H2201-SP

6.6_EN_UVLO_HYSTERESIS_7V				
Test Site				
Tester				
Test Number				
Unit	mV	mV		
Max Limit	123	123		
Min Limit	20	20		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	92.064	22.359	69.705
150.1	219	91.990	20.262	71.728
150.1	220	92.046	22.675	69.371
150.1	221	93.143	32.907	60.236
150.1	222	91.152	35.120	56.032
150.2	223	92.064	91.245	0.819
150.2	224	92.529	92.063	0.466
150.2	225	91.655	90.835	0.820
150.2	116	90.427	89.737	0.690
150.2	117	91.506	90.259	1.247
	Max	93.143	92.063	71.728
	Average	91.858	58.746	33.111
	Min	90.427	20.262	0.466
	Std Dev	0.742	34.126	34.357

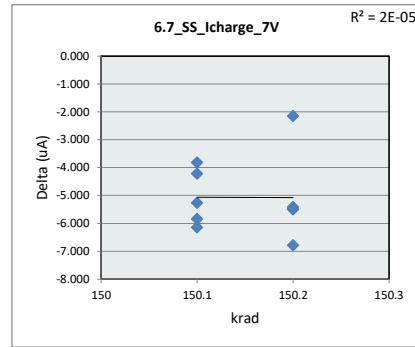


6.6_EN_UVLO_HYSTERESIS_7V		
Test Site		
Tester		
Test Number		
Max Limit	123	mV
Min Limit	20	mV
krad	150.1	150.2
LL	20.000	20.000
Min	20.262	89.737
Average	26.665	90.828
Max	35.120	92.063
UL	123.000	123.000

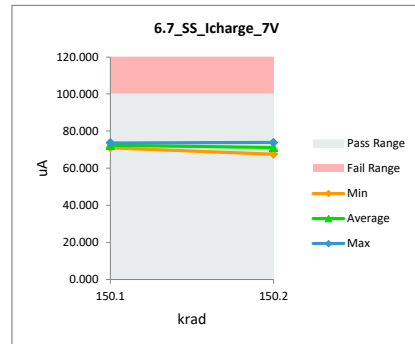


150k HDR Rebound
TPS7H2201-SP

6.7_SS_Icharge_7V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	67.409	72.677	-5.268
150.1	219	65.539	71.692	-6.153
150.1	220	67.293	71.110	-3.817
150.1	221	67.135	72.985	-5.850
150.1	222	69.472	73.689	-4.217
150.2	223	68.463	73.883	-5.420
150.2	224	65.445	67.599	-2.154
150.2	225	66.539	72.043	-5.504
150.2	116	62.817	69.611	-6.794
150.2	117	67.556	73.048	-5.492
Max		69.472	73.883	-2.154
Average		66.767	71.834	-5.067
Min		62.817	67.599	-6.794
Std Dev		1.842	1.961	1.337

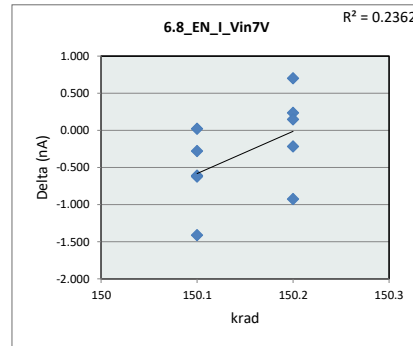


6.7_SS_Icharge_7V		
krad	150.1	150.2
LL	0.000	0.000
Min	71.110	67.599
Average	72.431	71.237
Max	73.689	73.883
UL	100.000	100.000

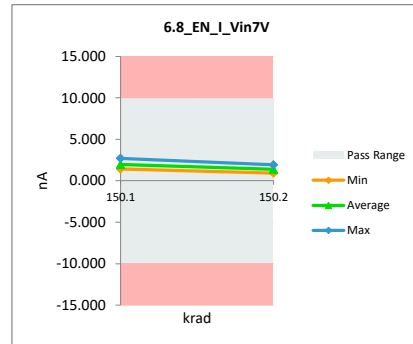


150k HDR Rebound
TPS7H2201-SP

6.8_EN_I_Vin7V				
Test Site				
Tester				
Test Number				
Unit	nA	nA		
Max Limit	9.9	9.9		
Min Limit	-9.9	-9.9		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.261	1.871	-0.610
150.1	219	1.296	2.706	-1.410
150.1	220	1.503	1.781	-0.278
150.1	221	1.363	1.986	-0.623
150.1	222	1.445	1.422	0.023
150.2	223	1.621	0.918	0.703
150.2	224	1.456	1.219	0.237
150.2	225	1.427	1.279	0.148
150.2	116	0.990	1.914	-0.924
150.2	117	1.363	1.579	-0.216
Max		1.621	2.706	0.703
Average		1.373	1.668	-0.295
Min		0.990	0.918	-1.410
Std Dev		0.170	0.503	0.617

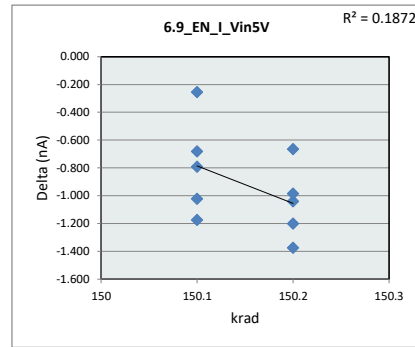


6.8_EN_I_Vin7V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	1.422	0.918
Average	1.953	1.382
Max	2.706	1.914
UL	9.900	9.900

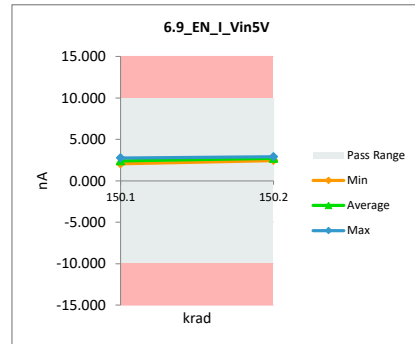


150k HDR Rebound
TPS7H2201-SP

6.9_EN_I_Vin5V				
Test Site				
Tester				
Test Number				
Unit		nA	nA	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.670	2.462	-0.792
150.1	219	1.793	2.049	-0.256
150.1	220	1.374	2.397	-1.023
150.1	221	1.689	2.371	-0.682
150.1	222	1.591	2.765	-1.174
150.2	223	1.518	2.892	-1.374
150.2	224	1.715	2.756	-1.041
150.2	225	1.569	2.770	-1.201
150.2	116	1.793	2.458	-0.665
150.2	117	1.705	2.690	-0.985
	Max	1.793	2.892	-0.256
	Average	1.642	2.561	-0.919
	Min	1.374	2.049	-1.374
	Std Dev	0.130	0.257	0.326

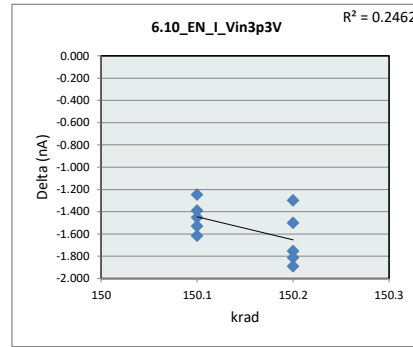


6.9_EN_I_Vin5V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	2.049	2.458
Average	2.409	2.713
Max	2.765	2.892
UL	9.900	9.900

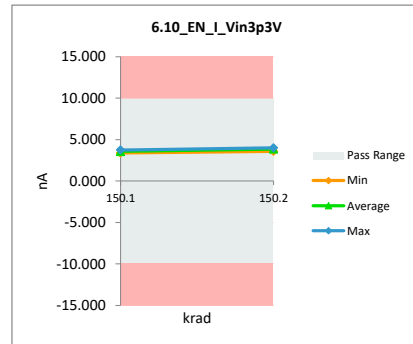


150k HDR Rebound
TPS7H2201-SP

6.10_EN_I_Vin3p3V				
Test Site				
Tester				
Test Number				
Unit	nA	nA		
Max Limit	9.9	9.9		
Min Limit	-9.9	-9.9		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	2.182	3.572	-1.390
150.1	219	2.137	3.589	-1.452
150.1	220	2.149	3.396	-1.247
150.1	221	2.081	3.611	-1.530
150.1	222	2.138	3.755	-1.617
150.2	223	2.255	4.009	-1.754
150.2	224	2.133	3.947	-1.814
150.2	225	2.129	4.019	-1.890
150.2	116	2.298	3.597	-1.299
150.2	117	2.275	3.776	-1.501
Max		2.298	4.019	-1.247
Average		2.178	3.727	-1.549
Min		2.081	3.396	-1.890
Std Dev		0.073	0.211	0.217

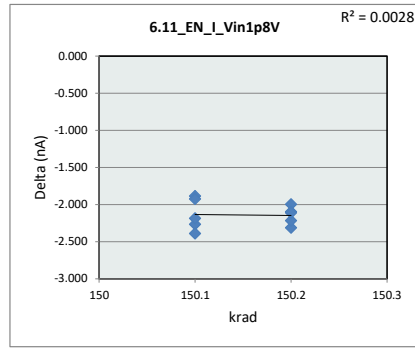


6.10_EN_I_Vin3p3V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	3.396	3.597
Average	3.585	3.870
Max	3.755	4.019
UL	9.900	9.900

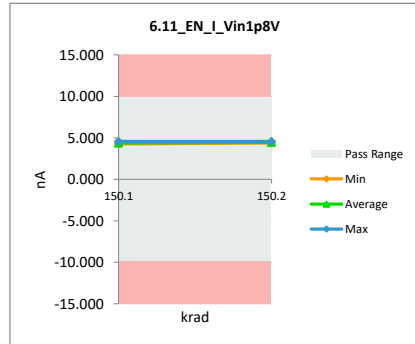


150k HDR Rebound
TPS7H2201-SP

6.11_EN_I_Vin1p8V				
Test Site				
Tester				
Test Number				
Unit	nA	nA		
Max Limit	9.9	9.9		
Min Limit	-9.9	-9.9		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	2.440	4.329	-1.889
150.1	219	2.199	4.467	-2.268
150.1	220	2.168	4.562	-2.394
150.1	221	2.343	4.271	-1.928
150.1	222	2.126	4.314	-2.188
150.2	223	2.225	4.540	-2.315
150.2	224	2.400	4.401	-2.001
150.2	225	2.290	4.391	-2.101
150.2	116	2.355	4.575	-2.220
150.2	117	2.375	4.488	-2.113
Max		2.440	4.575	-1.889
Average		2.292	4.434	-2.142
Min		2.126	4.271	-2.394
Std Dev		0.107	0.109	0.167

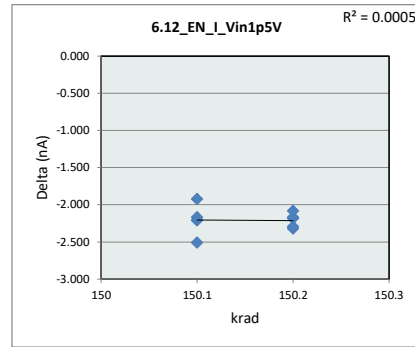


6.11_EN_I_Vin1p8V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	4.271	4.391
Average	4.389	4.479
Max	4.562	4.575
UL	9.900	9.900

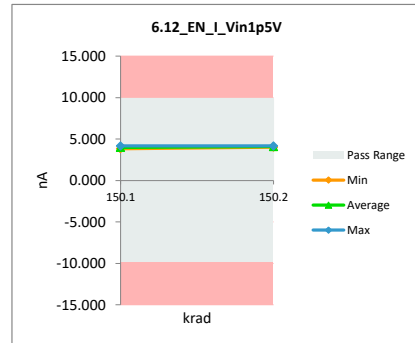


150k HDR Rebound TPS7H2201-SP

6.12_EN_I_Vin1p5V				
Test Site				
Tester				
Test Number				
Unit	nA	nA		
Max Limit	9.9	9.9		
Min Limit	-9.9	-9.9		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.884	4.096	-2.212
150.1	219	1.898	3.823	-1.925
150.1	220	1.769	3.976	-2.207
150.1	221	1.730	3.899	-2.169
150.1	222	1.644	4.155	-2.511
150.2	223	1.700	4.023	-2.323
150.2	224	1.911	4.095	-2.184
150.2	225	1.808	4.105	-2.297
150.2	116	1.986	4.155	-2.169
150.2	117	1.985	4.070	-2.085
Max		1.986	4.155	-1.925
Average		1.832	4.040	-2.208
Min		1.644	3.823	-2.511
Std Dev		0.119	0.110	0.153

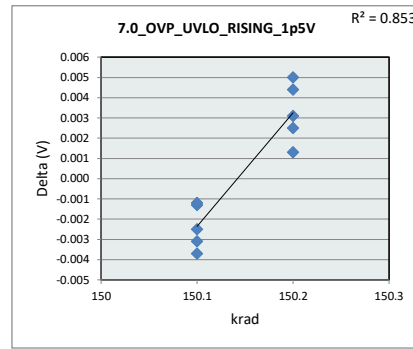


6.12_EN_I_Vin1p5V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	3.823	4.023
Average	3.990	4.090
Max	4.155	4.155
UL	9.900	9.900

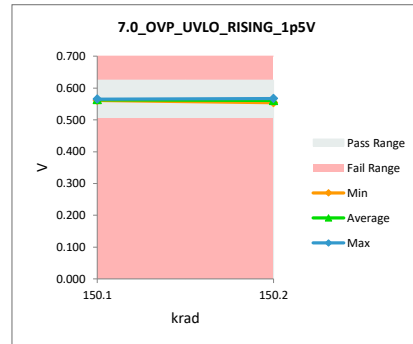


150k HDR Rebound
TPS7H2201-SP

7.0_OVP_UVLO_RISING_1p5V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.625	0.625		
Min Limit	0.505	0.505		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.560	0.561	-0.001
150.1	219	0.564	0.565	-0.001
150.1	220	0.561	0.563	-0.002
150.1	221	0.561	0.564	-0.003
150.1	222	0.559	0.563	-0.004
150.2	223	0.569	0.565	0.004
150.2	224	0.570	0.567	0.003
150.2	225	0.559	0.554	0.005
150.2	116	0.559	0.558	0.001
150.2	117	0.562	0.559	0.003
	Max	0.570	0.567	0.005
	Average	0.562	0.562	0.000
	Min	0.559	0.554	-0.004
	Std Dev	0.004	0.004	0.003

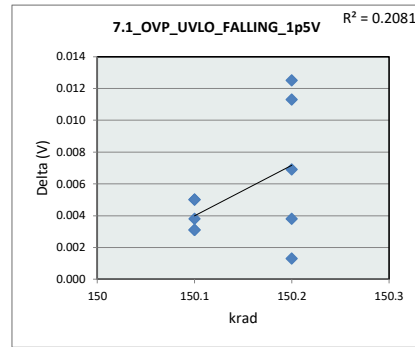


7.0_OVP_UVLO_RISING_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	0.625	V
Min Limit	0.505	V
krad	150.1	150.2
LL	0.505	0.505
Min	0.561	0.554
Average	0.563	0.561
Max	0.565	0.567
UL	0.625	0.625

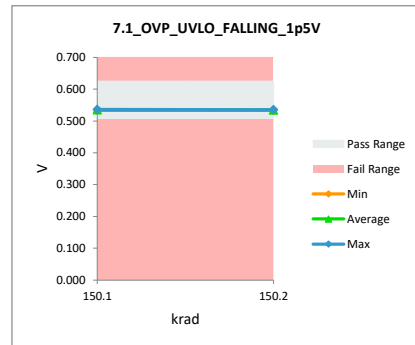


150k HDR Rebound
TPS7H2201-SP

7.1_OVP_UVLO_FALLING_1p5V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.625	0.625		
Min Limit	0.505	0.505		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.537	0.533	0.004
150.1	219	0.541	0.536	0.005
150.1	220	0.539	0.534	0.005
150.1	221	0.538	0.535	0.003
150.1	222	0.538	0.535	0.003
150.2	223	0.547	0.536	0.011
150.2	224	0.548	0.535	0.012
150.2	225	0.537	0.533	0.004
150.2	116	0.534	0.533	0.001
150.2	117	0.540	0.533	0.007
Max		0.548	0.536	0.012
Average		0.540	0.534	0.006
Min		0.534	0.533	0.001
Std Dev		0.004	0.001	0.004

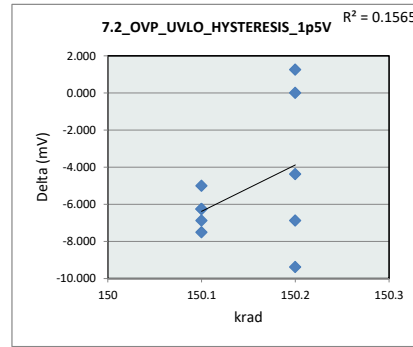


7.1_OVP_UVLO_FALLING_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	0.625	V
Min Limit	0.505	V
krad	150.1	150.2
LL	0.505	0.505
Min	0.533	0.533
Average	0.535	0.534
Max	0.536	0.536
UL	0.625	0.625

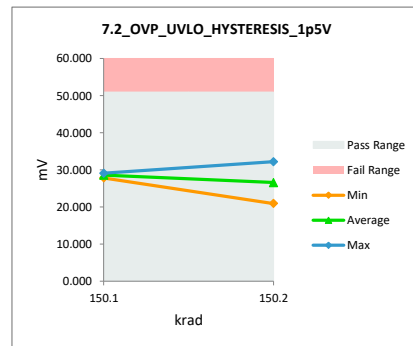


150k HDR Rebound
TPS7H2201-SP

7.2_OVP_UVLO_HYSTERESIS_1p				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	22.841	27.847	-5.006
150.1	219	22.841	29.099	-6.258
150.1	220	21.589	29.099	-7.510
150.1	221	22.841	29.099	-6.258
150.1	222	20.964	27.847	-6.883
150.2	223	22.215	29.099	-6.884
150.2	224	22.841	32.228	-9.387
150.2	225	22.216	20.964	1.252
150.2	116	24.718	24.718	0.000
150.2	117	21.589	25.970	-4.381
Max		24.718	32.228	
Average		22.466	27.597	-5.132
Min		20.964	20.964	-9.387
Std Dev		1.030	3.083	3.335

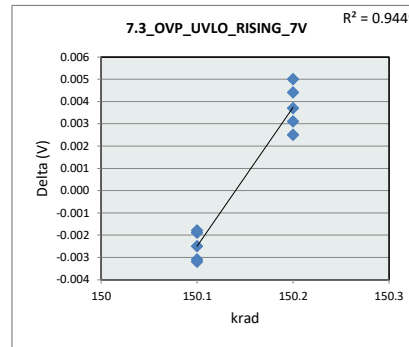


7.2_OVP_UVLO_HYSTERESIS		
krad	150.1	150.2
LL	0.000	0.000
Min	27.847	20.964
Average	28.598	26.596
Max	29.099	32.228
UL	51.000	51.000

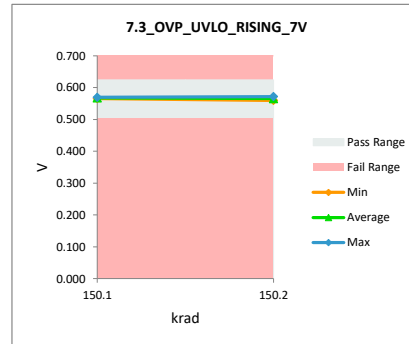


150k HDR Rebound
TPS7H2201-SP

7.3_OVP_UVLO_RISING_7V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.625	0.625		
Min Limit	0.505	0.505		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.564	0.566	-0.002
150.1	219	0.566	0.568	-0.002
150.1	220	0.565	0.567	-0.002
150.1	221	0.567	0.570	-0.003
150.1	222	0.565	0.568	-0.003
150.2	223	0.573	0.569	0.004
150.2	224	0.575	0.572	0.003
150.2	225	0.565	0.560	0.005
150.2	116	0.565	0.562	0.002
150.2	117	0.567	0.563	0.004
	Max	0.575	0.572	0.005
	Average	0.567	0.567	0.001
	Min	0.564	0.560	-0.003
	Std Dev	0.004	0.004	0.003

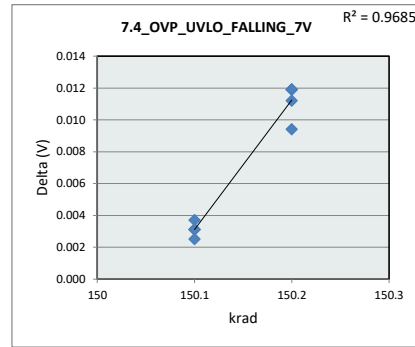


7.3_OVP_UVLO_RISING_7V		
Test Site		
Tester		
Test Number		
Max Limit	0.625	V
Min Limit	0.505	V
krad	150.1	150.2
LL	0.505	0.505
Min	0.566	0.560
Average	0.568	0.565
Max	0.570	0.572
UL	0.625	0.625

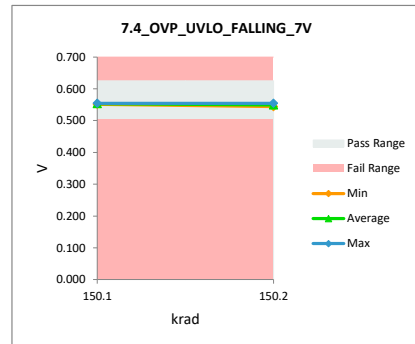


150k HDR Rebound
TPS7H2201-SP

7.4_OVP_UVLO_FALLING_7V				
Test Site				
Tester				
Test Number				
Unit	V	V		
Max Limit	0.625	0.625		
Min Limit	0.505	0.505		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.555	0.551	0.004
150.1	219	0.557	0.554	0.003
150.1	220	0.556	0.553	0.003
150.1	221	0.557	0.554	0.002
150.1	222	0.558	0.554	0.003
150.2	223	0.565	0.554	0.011
150.2	224	0.566	0.554	0.012
150.2	225	0.556	0.544	0.012
150.2	116	0.554	0.544	0.009
150.2	117	0.559	0.548	0.012
Max		0.566	0.554	0.012
Average		0.558	0.551	0.007
Min		0.554	0.544	0.002
Std Dev		0.004	0.004	0.004

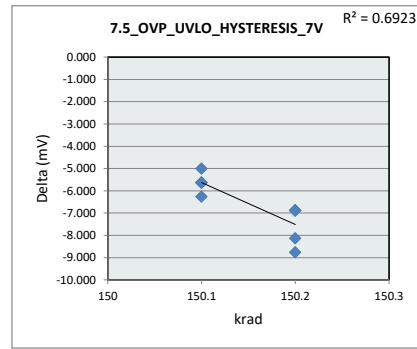


7.4_OVP_UVLO_FALLING_7V		
Test Site		
Tester		
Test Number		
Max Limit	0.625	V
Min Limit	0.505	V
krad	150.1	150.2
LL	0.505	0.505
Min	0.551	0.544
Average	0.553	0.549
Max	0.554	0.554
UL	0.625	0.625

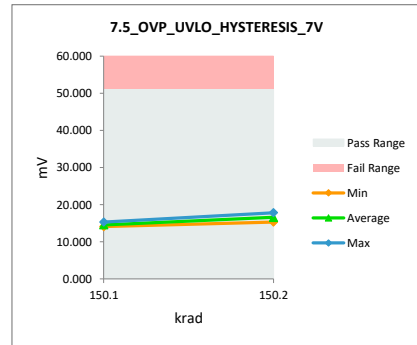


150k HDR Rebound
TPS7H2201-SP

7.5_OVP_UVLO_HYSTERESIS_7V				
Test Site				
Tester				
Test Number				
Unit		mV	mV	
Max Limit		51	51	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	9.074	14.706	-5.632
150.1	219	9.074	14.080	-5.006
150.1	220	9.074	14.706	-5.632
150.1	221	9.699	15.332	-5.633
150.1	222	7.822	14.080	-6.258
150.2	223	8.448	15.332	-6.884
150.2	224	9.074	17.835	-8.761
150.2	225	9.074	15.957	-6.883
150.2	116	10.951	17.835	-6.884
150.2	117	7.822	15.957	-8.135
	Max	10.951	17.835	-5.006
	Average	9.011	15.582	-6.571
	Min	7.822	14.080	-8.761
	Std Dev	0.907	1.358	1.189

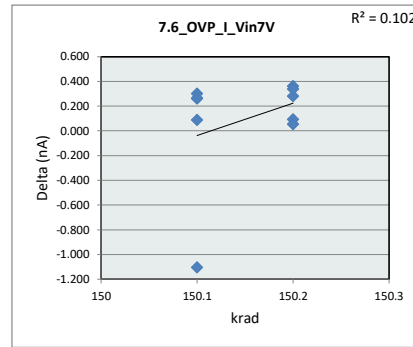


7.5_OVP_UVLO_HYSTERESIS_7V		
Test Site		
Tester		
Test Number		
Max Limit		51 mV
Min Limit		0 mV
krad	150.1	150.2
LL	0.000	0.000
Min	14.080	15.332
Average	14.581	16.583
Max	15.332	17.835
UL	51.000	51.000

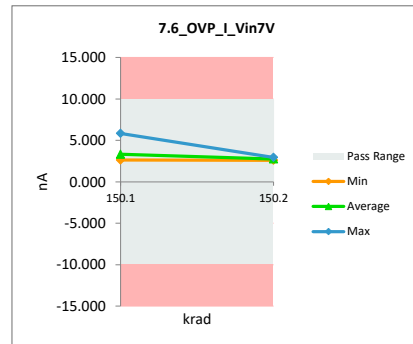


150k HDR Rebound
TPS7H2201-SP

7.6_OVP_I_Vin7V				
Test Site				
Tester				
Test Number				
Unit	nA	nA		
Max Limit	9.9	9.9		
Min Limit	-9.9	-9.9		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	2.948	2.861	0.087
150.1	219	4.731	5.836	-1.105
150.1	220	2.904	2.641	0.263
150.1	221	2.923	2.623	0.300
150.1	222	2.939	2.678	0.261
150.2	223	3.129	2.849	0.280
150.2	224	2.954	2.593	0.361
150.2	225	2.951	2.613	0.338
150.2	116	2.927	2.835	0.092
150.2	117	2.997	2.944	0.053
Max		4.731	5.836	0.361
Average		3.140	3.047	0.093
Min		2.904	2.593	-1.105
Std Dev		0.562	0.988	0.435

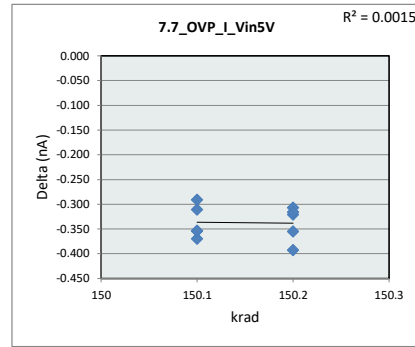


7.6_OVP_I_Vin7V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	2.623	2.593
Average	3.328	2.767
Max	5.836	2.944
UL	9.900	9.900

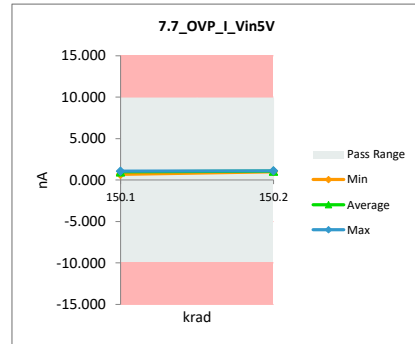


150k HDR Rebound
TPS7H2201-SP

7.7_OVP_I_Vin5V				
Test Site				
Tester				
Test Number				
Unit		nA	nA	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.695	1.065	-0.370
150.1	219	0.398	0.689	-0.291
150.1	220	0.716	1.070	-0.354
150.1	221	0.723	1.077	-0.354
150.1	222	0.727	1.038	-0.311
150.2	223	0.710	1.017	-0.307
150.2	224	0.773	1.094	-0.321
150.2	225	0.733	1.049	-0.316
150.2	116	0.718	1.111	-0.393
150.2	117	0.688	1.043	-0.355
Max		0.773	1.111	-0.291
Average		0.688	1.025	-0.337
Min		0.398	0.689	-0.393
Std Dev		0.105	0.121	0.033

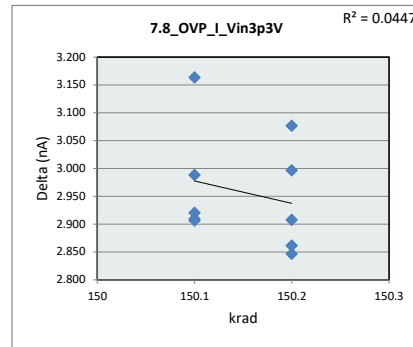


7.7_OVP_I_Vin5V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	0.689	1.017
Average	0.988	1.063
Max	1.077	1.111
UL	9.900	9.900

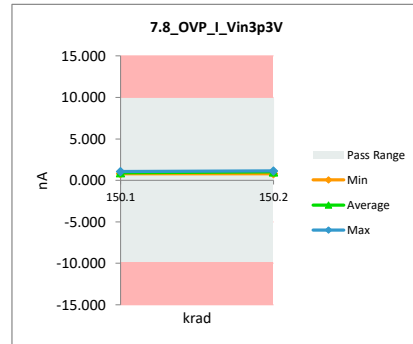


150k HDR Rebound
TPS7H2201-SP

		7.8_OVP_I_Vin3p3V		
Test Site				
Tester				
Test Number				
Unit		nA	nA	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	3.929	1.020	2.909
150.1	219	3.809	0.821	2.988
150.1	220	3.963	0.800	3.163
150.1	221	3.769	0.863	2.906
150.1	222	3.981	1.061	2.920
150.2	223	3.982	1.136	2.846
150.2	224	4.027	0.951	3.076
150.2	225	3.804	0.808	2.996
150.2	116	4.021	1.114	2.907
150.2	117	3.916	1.055	2.861
	Max	4.027	1.136	3.163
	Average	3.920	0.963	2.957
	Min	3.769	0.800	2.846
	Std Dev	0.094	0.131	0.100

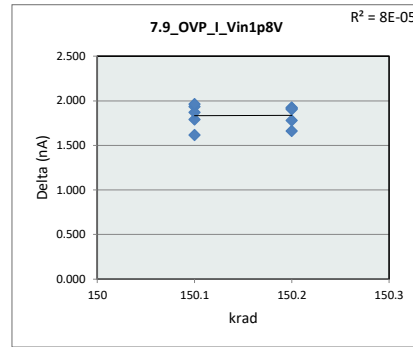


		7.8_OVP_I_Vin3p3V	
Test Site			
Tester			
Test Number			
Max Limit		9.9	nA
Min Limit		-9.9	nA
krad		150.1	150.2
LL		-9.900	-9.900
Min		0.800	0.808
Average		0.913	1.013
Max		1.061	1.136
UL		9.900	9.900

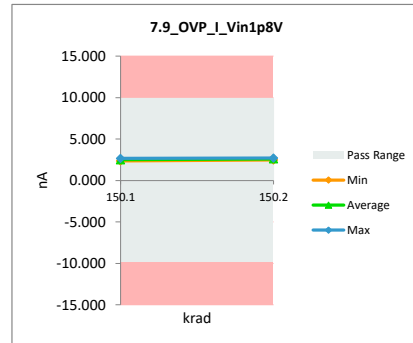


150k HDR Rebound
TPS7H2201-SP

7.9_OVP_I_Vin1p8V				
Test Site				
Tester				
Test Number				
Unit		nA	nA	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	4.384	2.595	1.789
150.1	219	4.266	2.651	1.615
150.1	220	4.280	2.346	1.934
150.1	221	4.271	2.403	1.868
150.1	222	4.445	2.483	1.962
150.2	223	4.381	2.458	1.923
150.2	224	4.477	2.563	1.914
150.2	225	4.335	2.675	1.660
150.2	116	4.470	2.692	1.778
150.2	117	4.504	2.601	1.903
Max		4.504	2.692	1.962
Average		4.381	2.547	1.835
Min		4.266	2.346	1.615
Std Dev		0.091	0.119	0.120

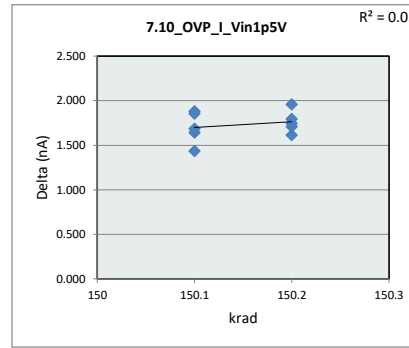


7.9_OVP_I_Vin1p8V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	nA
Min Limit	-9.9	nA
krad	150.1	150.2
LL	-9.900	-9.900
Min	2.346	2.458
Average	2.496	2.598
Max	2.651	2.692
UL	9.900	9.900

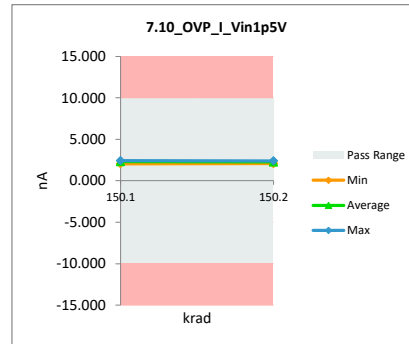


150k HDR Rebound
TPS7H2201-SP

		7.10_OVP_I_Vin1p5V		
Test Site				
Tester				
Test Number				
Unit		nA	nA	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	4.071	2.430	1.641
150.1	219	3.940	2.058	1.882
150.1	220	4.079	2.394	1.685
150.1	221	3.788	2.354	1.434
150.1	222	4.164	2.308	1.856
150.2	223	4.022	2.063	1.959
150.2	224	4.018	2.404	1.614
150.2	225	3.897	2.189	1.708
150.2	116	4.137	2.392	1.745
150.2	117	4.081	2.287	1.794
Max		4.164	2.430	1.959
Average		4.020	2.288	1.732
Min		3.788	2.058	1.434
Std Dev		0.115	0.139	0.152

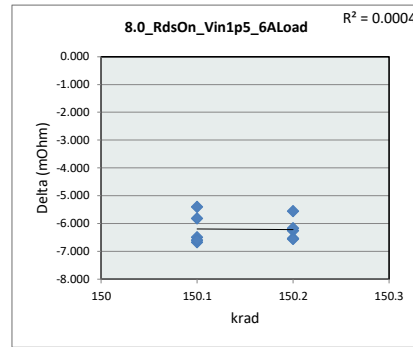


		7.10_OVP_I_Vin1p5V	
Test Site			
Tester			
Test Number			
Max Limit		9.9	nA
Min Limit		-9.9	nA
krad		150.1	150.2
LL		-9.900	-9.900
Min		2.058	2.063
Average		2.309	2.267
Max		2.430	2.404
UL		9.900	9.900

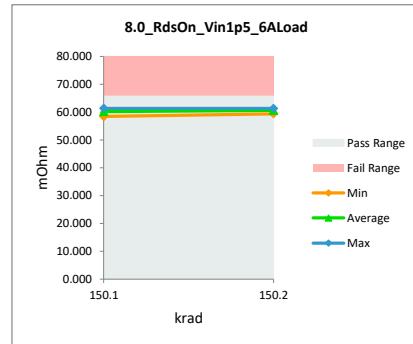


150k HDR Rebound
TPS7H2201-SP

8.0_RdsOn_Vin1p5_6ALoad				
Test Site				
Tester				
Test Number				
Unit	mOhm	mOhm		
Max Limit	65.702	65.702		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	54.317	60.811	-6.494
150.1	219	52.952	58.355	-5.403
150.1	220	53.681	59.495	-5.814
150.1	221	54.647	61.317	-6.670
150.1	222	54.155	60.749	-6.594
150.2	223	54.505	60.760	-6.255
150.2	224	53.807	59.364	-5.557
150.2	225	54.693	61.229	-6.536
150.2	116	54.580	61.132	-6.552
150.2	117	54.090	60.257	-6.167
Max		54.693	61.317	-5.403
Average		54.143	60.347	-6.204
Min		52.952	58.355	-6.670
Std Dev		0.543	0.975	0.460

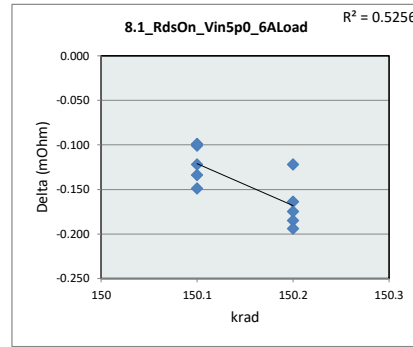


8.0_RdsOn_Vin1p5_6ALoad		
Test Site		
Tester		
Test Number		
Max Limit	65.702	mOhm
Min Limit	0	mOhm
krad	150.1	150.2
LL	0.000	0.000
Min	58.355	59.364
Average	60.145	60.548
Max	61.317	61.229
UL	65.702	65.702

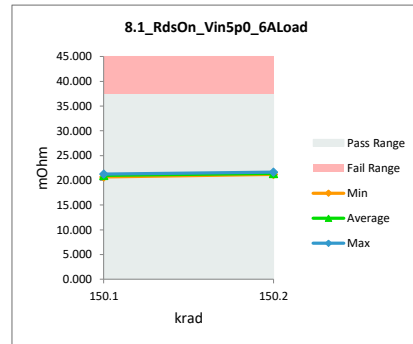


150k HDR Rebound
TPS7H2201-SP

8.1_RdsOn_Vin5p0_6ALoad				
Test Site				
Tester				
Test Number				
Unit	mOhm	mOhm		
Max Limit	37.296	37.296		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	20.673	20.807	-0.134
150.1	219	20.542	20.664	-0.122
150.1	220	20.870	20.971	-0.101
150.1	221	21.167	21.266	-0.099
150.1	222	21.058	21.207	-0.149
150.2	223	21.135	21.299	-0.164
150.2	224	21.119	21.304	-0.185
150.2	225	21.453	21.647	-0.194
150.2	116	21.318	21.493	-0.175
150.2	117	21.049	21.171	-0.122
	Max	21.453	21.647	-0.099
	Average	21.038	21.183	-0.144
	Min	20.542	20.664	-0.194
	Std Dev	0.277	0.299	0.034

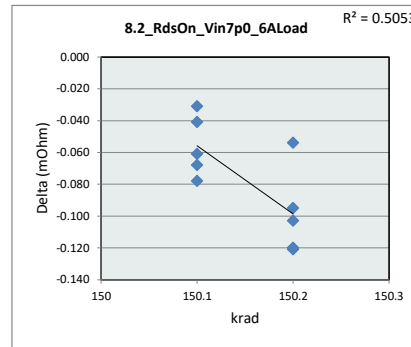


8.1_RdsOn_Vin5p0_6ALoad		
Test Site		
Tester		
Test Number		
Max Limit	37.296	mOhm
Min Limit	0	mOhm
krad	150.1	150.2
LL	0.000	0.000
Min	20.664	21.171
Average	20.983	21.383
Max	21.266	21.647
UL	37.296	37.296

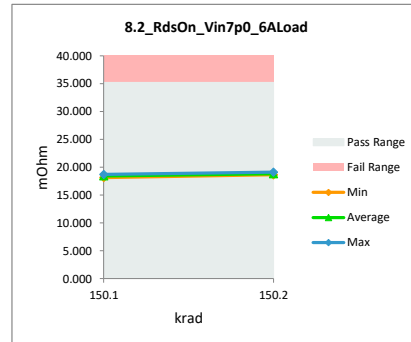


150k HDR Rebound TPS7H2201-SP

8.2_RdsOn_Vin7p0_6ALoad				
Test Site				
Tester				
Test Number				
Unit	mOhm	mOhm		
Max Limit	35.234	35.234		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	18.179	18.247	-0.068
150.1	219	18.093	18.154	-0.061
150.1	220	18.398	18.439	-0.041
150.1	221	18.676	18.707	-0.031
150.1	222	18.572	18.650	-0.078
150.2	223	18.650	18.745	-0.095
150.2	224	18.657	18.778	-0.121
150.2	225	18.973	19.093	-0.120
150.2	116	18.838	18.941	-0.103
150.2	117	18.575	18.629	-0.054
	Max	18.973	19.093	-0.031
	Average	18.561	18.638	-0.077
	Min	18.093	18.154	-0.121
	Std Dev	0.273	0.291	0.032

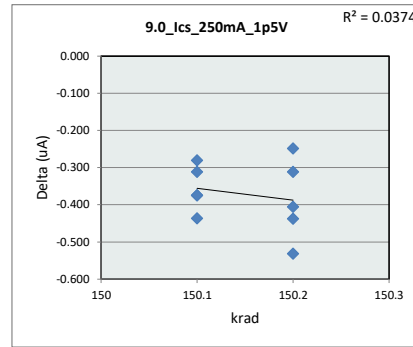


8.2_RdsOn_Vin7p0_6ALoad		
Test Site		
Tester		
Test Number		
Max Limit	35.234	mOhm
Min Limit	0	mOhm
krad	150.1	150.2
LL	0.000	0.000
Min	18.154	18.629
Average	18.439	18.837
Max	18.707	19.093
UL	35.234	35.234

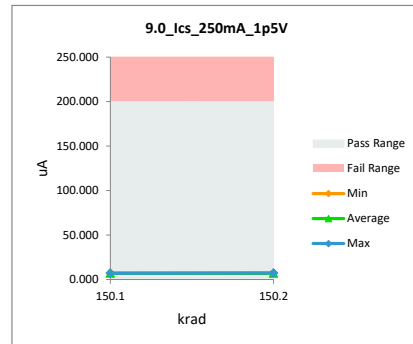


150k HDR Rebound
TPS7H2201-SP

9.0_Ics_250mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	6.784	7.221	-0.437
150.1	219	6.941	7.316	-0.375
150.1	220	6.784	7.159	-0.375
150.1	221	6.878	7.190	-0.312
150.1	222	6.878	7.159	-0.281
150.2	223	6.815	7.064	-0.249
150.2	224	6.941	7.347	-0.406
150.2	225	6.815	7.253	-0.438
150.2	116	6.847	7.159	-0.312
150.2	117	6.878	7.410	-0.532
Max		6.941	7.410	-0.249
Average		6.856	7.228	-0.372
Min		6.784	7.064	-0.532
Std Dev		0.057	0.105	0.086

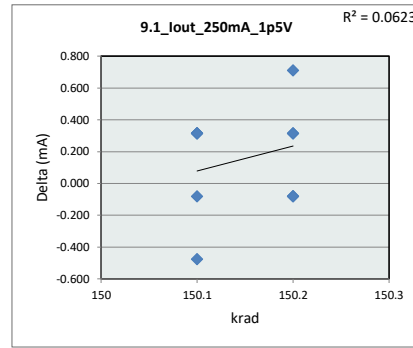


9.0_Ics_250mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	7.159	7.064
Average	7.209	7.247
Max	7.316	7.410
UL	200.000	200.000

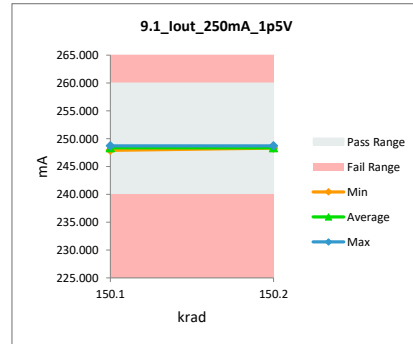


150k HDR Rebound
TPS7H2201-SP

9.1_Iout_250mA_1p5V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	248.630	248.711	-0.081
150.1	219	248.235	248.711	-0.476
150.1	220	248.235	247.919	0.316
150.1	221	248.630	248.315	0.315
150.1	222	248.630	248.315	0.315
150.2	223	248.235	248.315	-0.080
150.2	224	248.630	248.711	-0.081
150.2	225	248.630	248.315	0.315
150.2	116	249.025	248.315	0.710
150.2	117	248.630	248.315	0.315
	Max	249.025	248.711	0.710
	Average	248.551	248.394	0.157
	Min	248.235	247.919	-0.476
	Std Dev	0.250	0.250	0.334

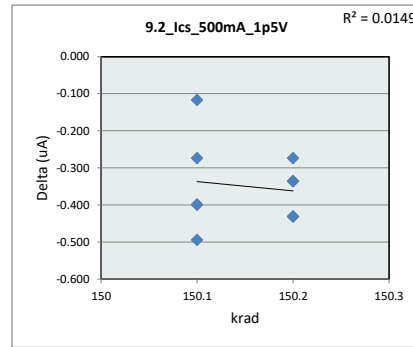


9.1_Iout_250mA_1p5V		
krad	150.1	150.2
LL	240.000	240.000
Min	247.919	248.315
Average	248.394	248.394
Max	248.711	248.711
UL	260.000	260.000

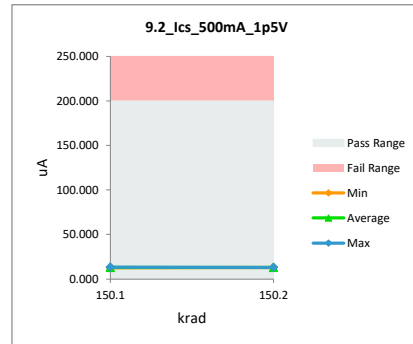


150k HDR Rebound TPS7H2201-SP

9.2_Ics_500mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	12.505	12.779	-0.274
150.1	219	12.819	13.218	-0.399
150.1	220	12.567	12.684	-0.117
150.1	221	12.599	12.998	-0.399
150.1	222	12.473	12.967	-0.494
150.2	223	12.505	12.936	-0.431
150.2	224	12.725	13.061	-0.336
150.2	225	12.567	12.841	-0.274
150.2	116	12.505	12.841	-0.336
150.2	117	12.567	12.998	-0.431
Max		12.819	13.218	-0.117
Average		12.583	12.932	-0.349
Min		12.473	12.684	-0.494
Std Dev		0.109	0.153	0.108

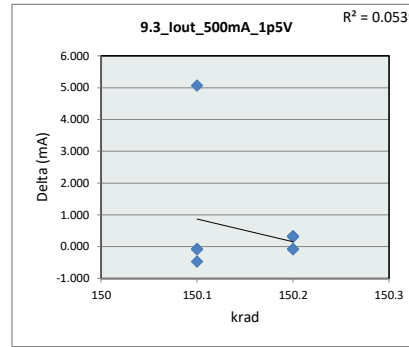


9.2_Ics_500mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	12.684	12.841
Average	12.929	12.935
Max	13.218	13.061
UL	200.000	200.000

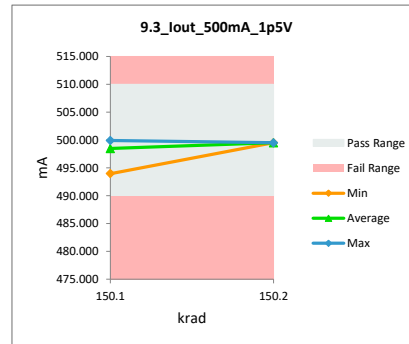


150k HDR Rebound TPS7H2201-SP

9.3 Iout_500mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		510	510	
Min Limit		490	490	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	499.432	499.908	-0.476
150.1	219	499.432	499.512	-0.080
150.1	220	499.037	493.974	5.063
150.1	221	499.432	499.512	-0.080
150.1	222	499.432	499.512	-0.080
150.2	223	499.827	499.512	0.315
150.2	224	499.432	499.512	-0.080
150.2	225	499.432	499.512	-0.080
150.2	116	499.827	499.512	0.315
150.2	117	499.827	499.512	0.315
	Max	499.827	499.908	5.063
	Average	499.511	498.998	0.513
	Min	499.037	493.974	-0.476
	Std Dev	0.250	1.770	1.618

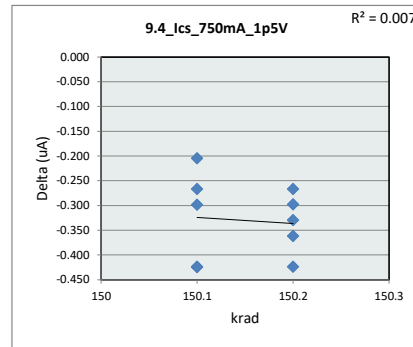


9.3 Iout_500mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	510	mA
Min Limit	490	mA
krad	150.1	150.2
LL	490.000	490.000
Min	493.974	499.512
Average	498.484	499.512
Max	499.908	499.512
UL	510.000	510.000

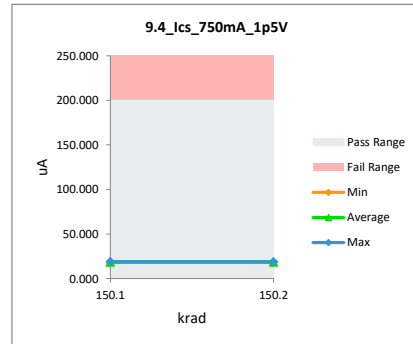


150k HDR Rebound
TPS7H2201-SP

9.4_Ics_750mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	18.225	18.430	-0.205
150.1	219	18.634	19.058	-0.424
150.1	220	18.257	18.524	-0.267
150.1	221	18.351	18.650	-0.299
150.1	222	18.225	18.650	-0.425
150.2	223	18.225	18.587	-0.362
150.2	224	18.571	18.838	-0.267
150.2	225	18.225	18.555	-0.330
150.2	116	18.257	18.555	-0.298
150.2	117	18.288	18.712	-0.424
Max		18.634	19.058	-0.205
Average		18.326	18.656	-0.330
Min		18.225	18.430	-0.425
Std Dev		0.152	0.180	0.077

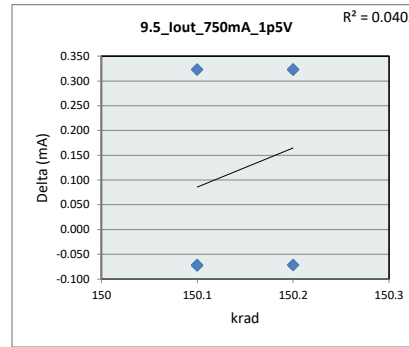


9.4_Ics_750mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	18.430	18.555
Average	18.662	18.649
Max	19.058	18.838
UL	200.000	200.000

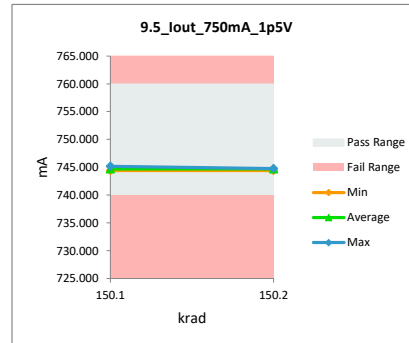


150k HDR Rebound
TPS7H2201-SP

9.5_Iout_750mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		760	760	
Min Limit		740	740	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	744.719	744.791	-0.072
150.1	219	744.719	744.396	0.323
150.1	220	744.719	744.396	0.323
150.1	221	745.114	745.187	-0.073
150.1	222	744.719	744.791	-0.072
150.2	223	744.719	744.396	0.323
150.2	224	744.719	744.791	-0.072
150.2	225	745.114	744.791	0.323
150.2	116	745.114	744.791	0.323
150.2	117	744.719	744.791	-0.072
	Max	745.114	745.187	0.323
	Average	744.838	744.712	0.125
	Min	744.719	744.396	-0.073
	Std Dev	0.191	0.250	0.208

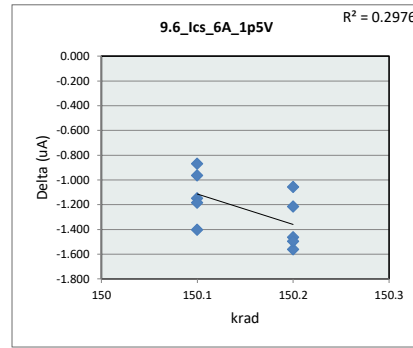


9.5_Iout_750mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	760	mA
Min Limit	740	mA
krad	150.1	150.2
LL	740.000	740.000
Min	744.396	744.396
Average	744.712	744.712
Max	745.187	744.791
UL	760.000	760.000

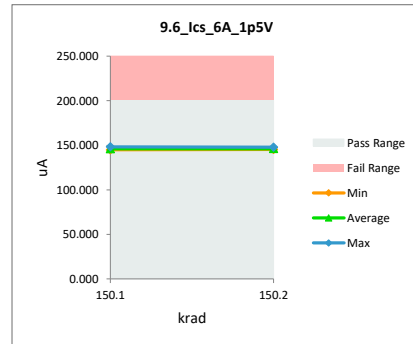


150k HDR Rebound
TPS7H2201-SP

9.6_Ics_6A_1p5V				
Test Site				
Tester				
Test Number				
Unit	uA	uA		
Max Limit	200	200		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	144.023	144.893	-0.870
150.1	219	147.198	148.347	-1.149
150.1	220	144.557	145.741	-1.184
150.1	221	144.526	145.490	-0.964
150.1	222	144.369	145.772	-1.403
150.2	223	143.991	145.207	-1.216
150.2	224	146.412	147.876	-1.464
150.2	225	144.274	145.835	-1.561
150.2	116	145.123	146.180	-1.057
150.2	117	144.746	146.243	-1.497
Max		147.198	148.347	-0.870
Average		144.922	146.158	-1.237
Min		143.991	144.893	-1.561
Std Dev		1.063	1.112	0.237

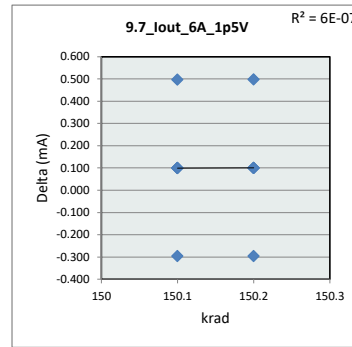


9.6_Ics_6A_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	144.893	145.207
Average	146.049	146.268
Max	148.347	147.876
UL	200.000	200.000

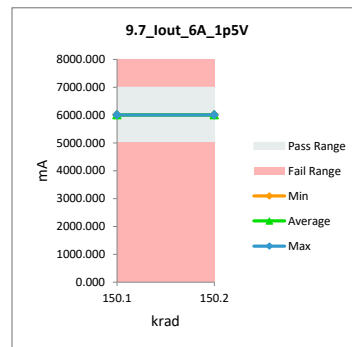


150k HDR Rebound
TPS7H2201-SP

9.7_Iout_6A_1p5V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		7000	7000	
Min Limit		5000	5000	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	6003.957	6003.857	0.100
150.1	219	6003.957	6004.253	-0.296
150.1	220	6003.957	6003.461	0.496
150.1	221	6003.957	6003.857	0.100
150.1	222	6004.352	6004.253	0.099
150.2	223	6003.957	6003.857	0.100
150.2	224	6003.957	6003.857	0.100
150.2	225	6003.561	6003.064	0.497
150.2	116	6003.957	6004.253	-0.296
150.2	117	6003.957	6003.857	0.100
	Max	6004.352	6004.253	0.497
	Average	6003.957	6003.857	0.100
	Min	6003.561	6003.064	-0.296
	Std Dev	0.186	0.374	0.264

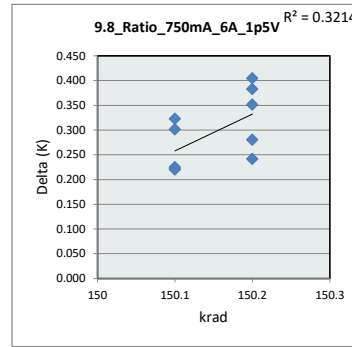


9.7_Iout_6A_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	7000	mA
Min Limit	5000	mA
krad	150.1	150.2
LL	5000.000	5000.000
Min	6003.461	6003.064
Average	6003.936	6003.778
Max	6004.253	6004.253
UL	7000.000	7000.000

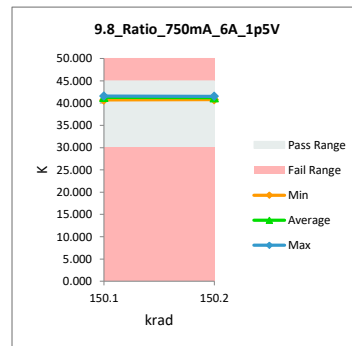


150k HDR Rebound
TPS7H2201-SP

9.8_Ratio_750mA_6A_1p5V				
Test Site				
Tester				
Test Number				
Unit	K	K		
Max Limit	45	45		
Min Limit	30	30		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	41.807	41.586	0.221
150.1	219	40.908	40.683	0.225
150.1	220	41.641	41.339	0.301
150.1	221	41.679	41.459	0.220
150.1	222	41.696	41.373	0.323
150.2	223	41.818	41.537	0.280
150.2	224	41.139	40.756	0.383
150.2	225	41.718	41.313	0.405
150.2	116	41.452	41.210	0.242
150.2	117	41.589	41.238	0.351
	Max	41.818	41.586	0.405
	Average	41.545	41.249	0.295
	Min	40.908	40.683	0.220
	Std Dev	0.299	0.304	0.069

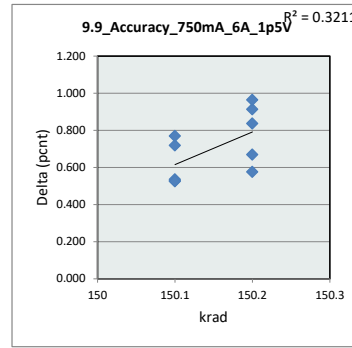


9.8_Ratio_750mA_6A_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	45	K
Min Limit	30	K
krad	150.1	150.2
LL	30.000	30.000
Min	40.683	40.756
Average	41.288	41.211
Max	41.586	41.537
UL	45.000	45.000

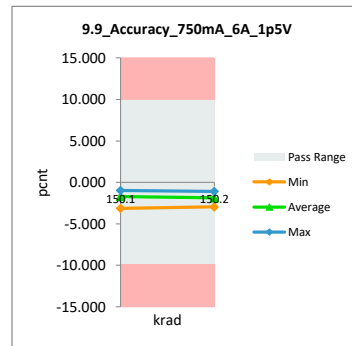


150k HDR Rebound
TPS7H2201-SP

9.9_Accuracy_750mA_6A_1p5V				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	-0.459	-0.986	0.527
150.1	219	-2.601	-3.136	0.535
150.1	220	-0.855	-1.573	0.718
150.1	221	-0.764	-1.288	0.524
150.1	222	-0.724	-1.492	0.768
150.2	223	-0.434	-1.102	0.668
150.2	224	-2.050	-2.962	0.912
150.2	225	-0.673	-1.636	0.963
150.2	116	-1.305	-1.880	0.575
150.2	117	-0.979	-1.815	0.836
	Max	-0.434	-0.986	0.963
	Average	-1.084	-1.787	0.703
	Min	-2.601	-3.136	0.524
	Std Dev	0.712	0.725	0.164

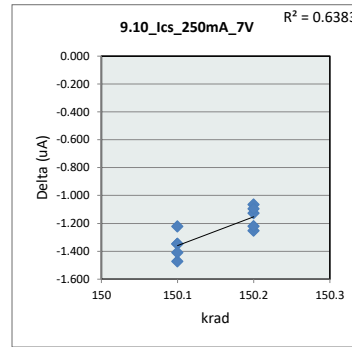


9.9_Accuracy_750mA_6A_1p5V		
Test Site		
Tester		
Test Number		
Max Limit		9.9 pcnt
Min Limit		-9.9 pcnt
krad		150.1 150.2
LL		-9.900 -9.900
Min		-3.136 -2.962
Average		-1.695 -1.879
Max		-0.986 -1.102
UL		9.900 9.900

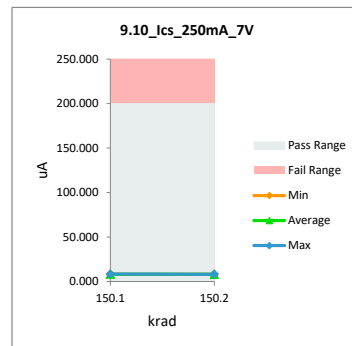


150k HDR Rebound
TPS7H2201-SP

9.10_Ics_250mA_7V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	6.941	8.289	-1.348
150.1	219	7.035	8.258	-1.223
150.1	220	6.878	8.226	-1.348
150.1	221	6.941	8.415	-1.474
150.1	222	6.878	8.289	-1.411
150.2	223	6.941	8.069	-1.128
150.2	224	7.035	8.101	-1.066
150.2	225	6.847	8.101	-1.254
150.2	116	7.004	8.101	-1.097
150.2	117	7.067	8.289	-1.222
Max		7.067	8.415	-1.066
Average		6.957	8.214	-1.257
Min		6.847	8.069	-1.474
Std Dev		0.076	0.115	0.137

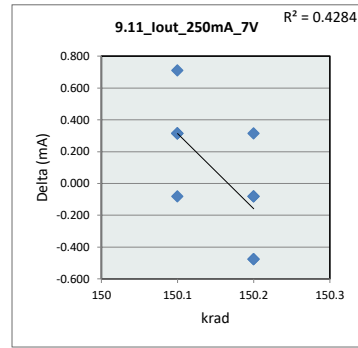


9.10_Ics_250mA_7V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	8.226	8.069
Average	8.295	8.132
Max	8.415	8.289
UL	200.000	200.000

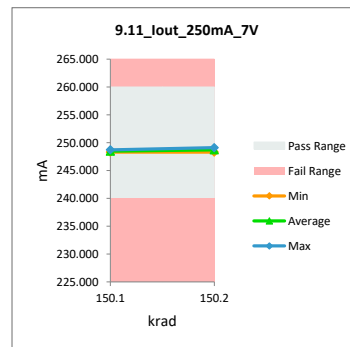


150k HDR Rebound
TPS7H2201-SP

9.11_Iout_250mA_7V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		260	260	
Min Limit		240	240	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	248.630	248.315	0.315
150.1	219	249.025	248.711	0.314
150.1	220	248.630	248.315	0.315
150.1	221	248.630	248.711	-0.081
150.1	222	249.025	248.315	0.710
150.2	223	248.630	249.106	-0.476
150.2	224	248.630	248.315	0.315
150.2	225	248.630	248.711	-0.081
150.2	116	248.630	248.711	-0.081
150.2	117	248.235	248.711	-0.476
	Max	249.025	249.106	0.710
	Average	248.670	248.592	0.077
	Min	248.235	248.315	-0.476
	Std Dev	0.224	0.267	0.382

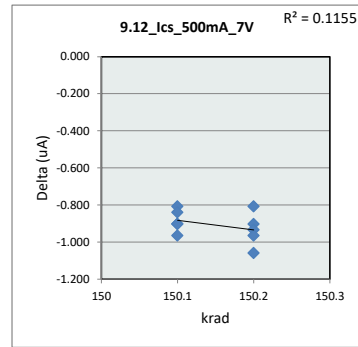


9.11_Iout_250mA_7V		
Test Site		
Tester		
Test Number		
Max Limit	260	mA
Min Limit	240	mA
krad	150.1	150.2
LL	240.000	240.000
Min	248.315	248.315
Average	248.473	248.711
Max	248.711	249.106
UL	260.000	260.000

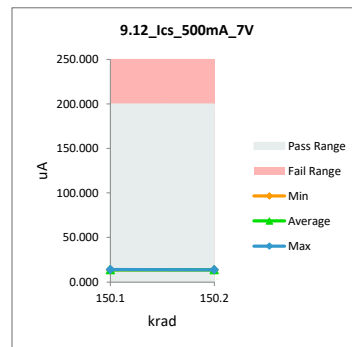


150k HDR Rebound
TPS7H2201-SP

9.12_Ics_500mA_7V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	12.725	13.532	-0.807
150.1	219	12.913	13.877	-0.964
150.1	220	12.725	13.626	-0.901
150.1	221	12.850	13.689	-0.839
150.1	222	12.693	13.595	-0.902
150.2	223	12.693	13.595	-0.902
150.2	224	12.819	13.752	-0.933
150.2	225	12.662	13.626	-0.964
150.2	116	12.819	13.626	-0.807
150.2	117	12.756	13.815	-1.059
Max		12.913	13.877	-0.807
Average		12.766	13.673	-0.908
Min		12.662	13.532	-1.059
Std Dev		0.081	0.109	0.078

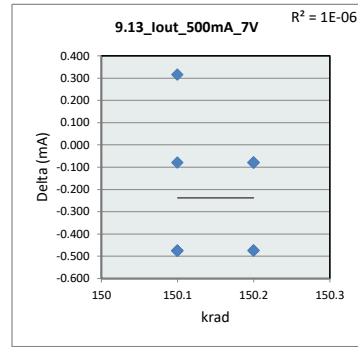


9.12_Ics_500mA_7V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	13.532	13.595
Average	13.664	13.683
Max	13.877	13.815
UL	200.000	200.000

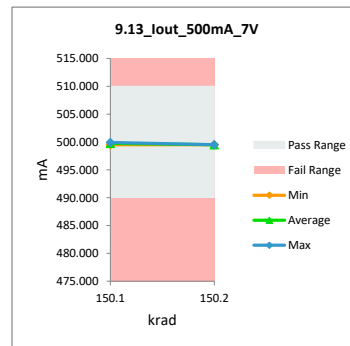


150k HDR Rebound
TPS7H2201-SP

9.13 Iout_500mA_7V				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		510	510	
Min Limit		490	490	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	499.432	499.908	-0.476
150.1	219	499.827	499.512	0.315
150.1	220	499.432	499.908	-0.476
150.1	221	499.432	499.512	-0.080
150.1	222	499.432	499.908	-0.476
150.2	223	499.037	499.512	-0.475
150.2	224	499.432	499.512	-0.080
150.2	225	499.432	499.512	-0.080
150.2	116	499.432	499.512	-0.080
150.2	117	499.037	499.512	-0.475
	Max	499.827	499.908	0.315
	Average	499.393	499.631	-0.238
	Min	499.037	499.512	-0.476
	Std Dev	0.224	0.191	0.276

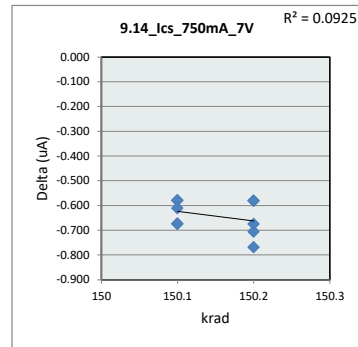


9.13 Iout_500mA_7V		
Test Site		
Tester		
Test Number		
Max Limit	510	mA
Min Limit	490	mA
krad	150.1	150.2
LL	490.000	490.000
Min	499.512	499.512
Average	499.750	499.512
Max	499.908	499.512
UL	510.000	510.000

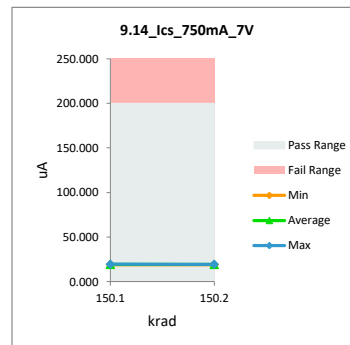


150k HDR Rebound TPS7H2201-SP

9.14_Ics_750mA_7V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	18.446	19.026	-0.580
150.1	219	18.823	19.497	-0.674
150.1	220	18.446	19.121	-0.675
150.1	221	18.603	19.183	-0.580
150.1	222	18.446	19.058	-0.612
150.2	223	18.508	19.089	-0.581
150.2	224	18.634	19.340	-0.706
150.2	225	18.414	19.089	-0.675
150.2	116	18.540	19.121	-0.581
150.2	117	18.603	19.372	-0.769
	Max	18.823	19.497	-0.580
	Average	18.546	19.190	-0.643
	Min	18.414	19.026	-0.769
	Std Dev	0.125	0.158	0.066

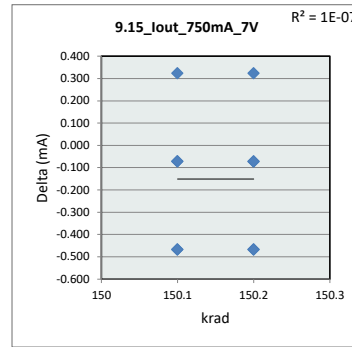


9.14_Ics_750mA_7V		
krad	150.1	150.2
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
LL	0.000	0.000
Min	19.026	19.089
Average	19.177	19.202
Max	19.497	19.372
UL	200.000	200.000

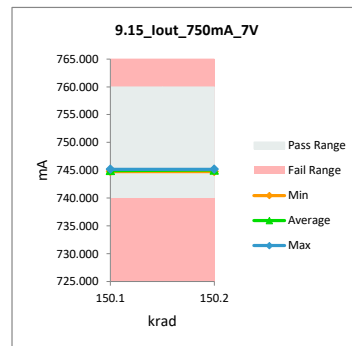


150k HDR Rebound
TPS7H2201-SP

9.15_Iout_750mA_7V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	744.719	744.791	-0.072
150.1	219	745.114	744.791	0.323
150.1	220	744.719	745.187	-0.468
150.1	221	744.719	744.791	-0.072
150.1	222	744.719	745.187	-0.468
150.2	223	744.719	745.187	-0.468
150.2	224	745.114	744.791	0.323
150.2	225	745.114	745.187	-0.073
150.2	116	744.719	744.791	-0.072
150.2	117	744.719	745.187	-0.468
	Max	745.114	745.187	
	Average	744.838	744.989	-0.152
	Min	744.719	744.791	-0.468
	Std Dev	0.191	0.209	0.312

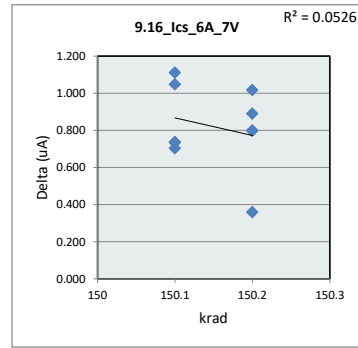


9.15_Iout_750mA_7V		
krad	150.1	150.2
LL	740.000	740.000
Min	744.791	744.791
Average	744.949	745.029
Max	745.187	745.187
UL	760.000	760.000

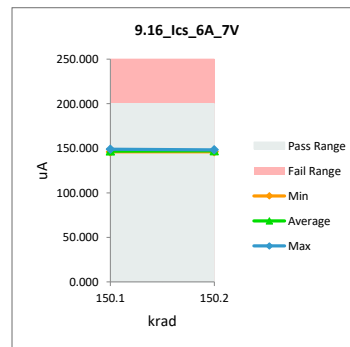


150k HDR Rebound
TPS7H2201-SP

9.16_Ics_6A_7V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		200	200	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	147.041	145.992	1.049
150.1	219	149.712	148.975	0.737
150.1	220	147.449	146.745	0.704
150.1	221	148.046	146.934	1.112
150.1	222	146.915	146.180	0.735
150.2	223	146.946	146.055	0.891
150.2	224	148.675	148.315	0.360
150.2	225	147.543	146.745	0.798
150.2	116	148.109	147.091	1.018
150.2	117	148.204	147.405	0.799
Max		149.712	148.975	1.112
Average		147.864	147.044	0.820
Min		146.915	145.992	0.360
Std Dev		0.881	0.972	0.217

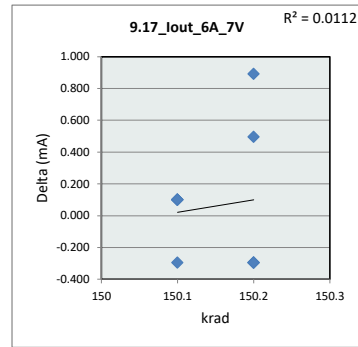


9.16_Ics_6A_7V		
Test Site		
Tester		
Test Number		
Max Limit	200	uA
Min Limit	0	uA
krad	150.1	150.2
LL	0.000	0.000
Min	145.992	146.055
Average	146.965	147.122
Max	148.975	148.315
UL	200.000	200.000

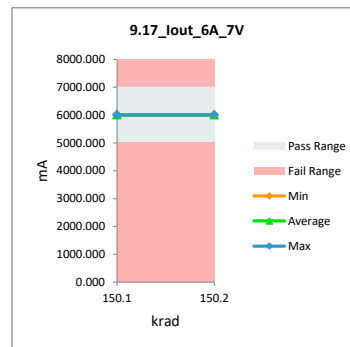


150k HDR Rebound
TPS7H2201-SP

9.17_Iout_6A_7V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	6003.957	6003.857	0.100
150.1	219	6003.957	6004.253	-0.296
150.1	220	6003.957	6003.857	0.100
150.1	221	6004.352	6004.253	0.099
150.1	222	6003.957	6003.857	0.100
150.2	223	6003.957	6004.253	-0.296
150.2	224	6003.957	6004.253	-0.296
150.2	225	6004.352	6003.857	0.495
150.2	116	6004.352	6003.461	0.891
150.2	117	6003.957	6004.253	-0.296
	Max	6004.352	6004.253	0.891
	Average	6004.076	6004.015	0.060
	Min	6003.957	6003.461	-0.296
	Std Dev	0.191	0.277	0.393

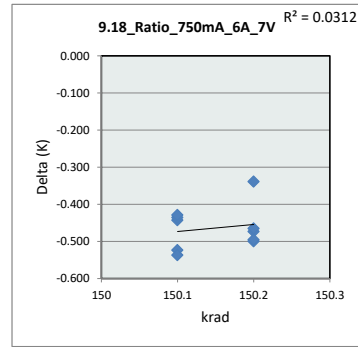


9.17_Iout_6A_7V		
krad	150.1	150.2
LL	5000.000	5000.000
Min	6003.857	6003.461
Average	6004.015	6004.015
Max	6004.253	6004.253
UL	7000.000	7000.000

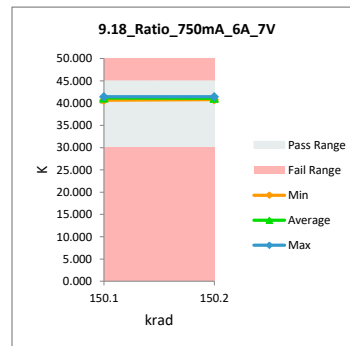


150k HDR Rebound
TPS7H2201-SP

9.18_Ratio_750mA_6A_7V				
Test Site				
Tester				
Test Number				
Unit	K	K		
Max Limit	45	45		
Min Limit	30	30		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	40.898	41.421	-0.524
150.1	219	40.178	40.621	-0.443
150.1	220	40.768	41.204	-0.436
150.1	221	40.633	41.170	-0.537
150.1	222	40.938	41.367	-0.429
150.2	223	40.948	41.421	-0.473
150.2	224	40.440	40.779	-0.339
150.2	225	40.728	41.194	-0.466
150.2	116	40.593	41.093	-0.500
150.2	117	40.580	41.076	-0.496
	Max	40.948	41.421	-0.339
	Average	40.670	41.135	-0.464
	Min	40.178	40.621	-0.537
	Std Dev	0.241	0.263	0.057

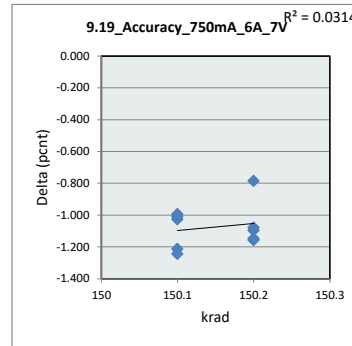


9.18_Ratio_750mA_6A_7V		
Test Site		
Tester		
Test Number		
Max Limit	45	K
Min Limit	30	K
krad	150.1	150.2
LL	30.000	30.000
Min	40.621	40.779
Average	41.157	41.113
Max	41.421	41.421
UL	45.000	45.000

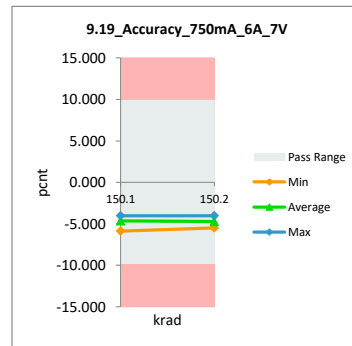


150k HDR Rebound
TPS7H2201-SP

9.19_Accuracy_750mA_6A_7V				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		9.9	9.9	
Min Limit		-9.9	-9.9	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	-5.231	-4.018	-1.213
150.1	219	-6.899	-5.872	-1.027
150.1	220	-5.531	-4.521	-1.010
150.1	221	-5.845	-4.600	-1.245
150.1	222	-5.138	-4.143	-0.995
150.2	223	-5.115	-4.018	-1.097
150.2	224	-6.292	-5.506	-0.786
150.2	225	-5.623	-4.544	-1.079
150.2	116	-5.936	-4.778	-1.158
150.2	117	-5.966	-4.818	-1.148
Max		-5.115	-4.018	-0.786
Average		-5.758	-4.682	-1.076
Min		-6.899	-5.872	-1.245
Std Dev		0.559	0.610	0.132

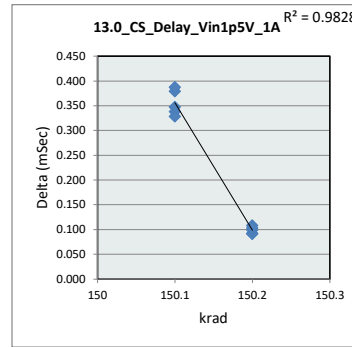


9.19_Accuracy_750mA_6A_7V		
Test Site		
Tester		
Test Number		
Max Limit	9.9	pcnt
Min Limit	-9.9	pcnt
krad	150.1	150.2
LL	-9.900	-9.900
Min	-5.872	-5.506
Average	-4.631	-4.733
Max	-4.018	-4.018
UL	9.900	9.900

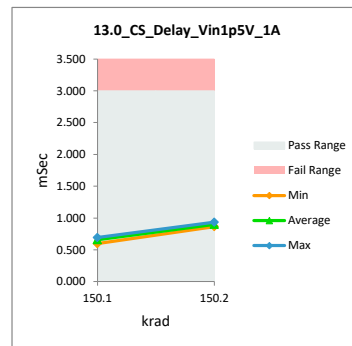


150k HDR Rebound
TPS7H2201-SP

13.0_CS_Delay_Vin1p5V_1A				
Test Site				
Tester				
Test Number				
Unit	mSec	mSec		
Max Limit	3	3		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.022	0.684	0.338
150.1	219	1.020	0.692	0.328
150.1	220	1.013	0.666	0.347
150.1	221	1.043	0.664	0.379
150.1	222	0.983	0.596	0.387
150.2	223	1.015	0.923	0.092
150.2	224	1.025	0.934	0.091
150.2	225	0.995	0.896	0.099
150.2	116	0.972	0.864	0.108
150.2	117	0.990	0.887	0.103
Max		1.043	0.934	0.387
Average		1.008	0.781	0.227
Min		0.972	0.596	0.091
Std Dev		0.022	0.131	0.137

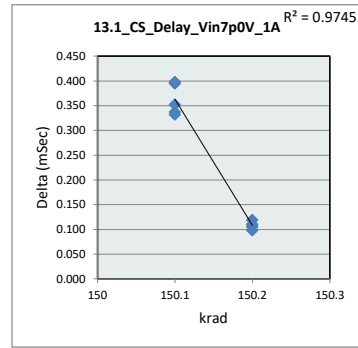


13.0_CS_Delay_Vin1p5V_1A		
Test Site		
Tester		
Test Number		
Max Limit	3	mSec
Min Limit	0	mSec
krad	150.1	150.2
LL	0.000	0.000
Min	0.596	0.864
Average	0.660	0.901
Max	0.692	0.934
UL	3.000	3.000

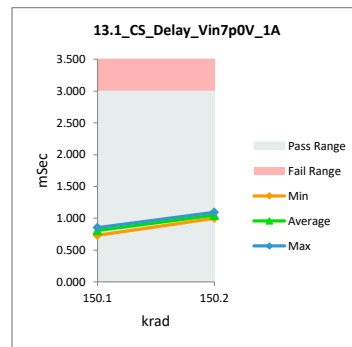


150k HDR Rebound
TPS7H2201-SP

13.1_CS_Delay_Vin7p0V_1A				
Test Site				
Tester				
Test Number				
Unit		mSec	mSec	
Max Limit		3	3	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.173	0.836	0.337
150.1	219	1.187	0.855	0.332
150.1	220	1.157	0.805	0.352
150.1	221	1.210	0.815	0.395
150.1	222	1.132	0.734	0.398
150.2	223	1.175	1.070	0.105
150.2	224	1.195	1.097	0.098
150.2	225	1.155	1.046	0.109
150.2	116	1.121	1.002	0.119
150.2	117	1.139	1.029	0.110
	Max	1.210	1.097	0.398
	Average	1.164	0.929	0.235
	Min	1.121	0.734	0.098
	Std Dev	0.029	0.132	0.136

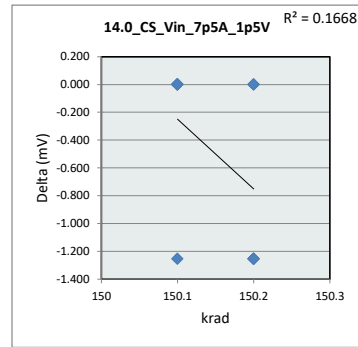


13.1_CS_Delay_Vin7p0V_1A		
Test Site		
Tester		
Test Number		
Max Limit	3	mSec
Min Limit	0	mSec
krad	150.1	150.2
LL	0.000	0.000
Min	0.734	1.002
Average	0.809	1.049
Max	0.855	1.097
UL	3.000	3.000

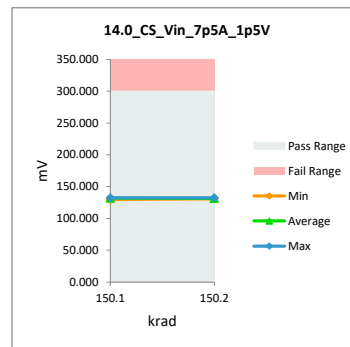


150k HDR Rebound
TPS7H2201-SP

14.0_CS_Vin_7p5A_1p5V				
Test Site				
Tester				
Test Number				
Unit	mV	mV		
Max Limit	300	300		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	132.206	132.205	0.001
150.1	219	129.700	129.700	0.000
150.1	220	132.205	132.205	0.000
150.1	221	130.952	132.205	-1.253
150.1	222	132.205	132.205	0.000
150.2	223	130.952	132.205	-1.253
150.2	224	129.699	130.952	-1.253
150.2	225	130.952	132.205	-1.253
150.2	116	130.952	130.952	0.000
150.2	117	130.952	130.952	0.000
Max		132.206	132.205	0.001
Average		131.077	131.579	-0.501
Min		129.699	129.700	-1.253
Std Dev		0.925	0.886	0.647

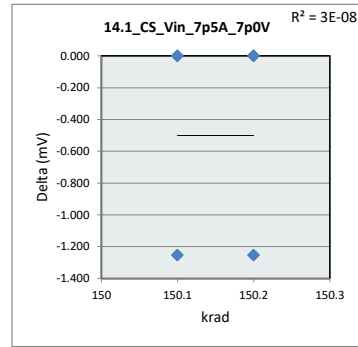


14.0_CS_Vin_7p5A_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	300	mV
Min Limit	0	mV
krad	150.1	150.2
LL	0.000	0.000
Min	129.700	130.952
Average	131.704	131.453
Max	132.205	132.205
UL	300.000	300.000

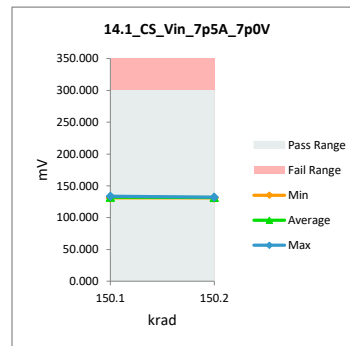


150k HDR Rebound
TPS7H2201-SP

14.1_CS_Vin_7p5A_7p0V				
Test Site				
Tester				
Test Number				
Unit	mV	mV		
Max Limit	300	300		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	132.205	132.205	0.000
150.1	219	129.699	130.952	-1.253
150.1	220	132.205	132.205	0.000
150.1	221	130.952	130.952	0.000
150.1	222	132.205	133.459	-1.254
150.2	223	132.205	132.205	0.000
150.2	224	130.952	130.952	0.000
150.2	225	130.952	132.205	-1.253
150.2	116	130.952	132.205	-1.253
150.2	117	130.952	130.952	0.000
Max		132.205	133.459	0.000
Average		131.328	131.829	-0.501
Min		129.699	130.952	-1.254
Std Dev		0.846	0.846	0.647

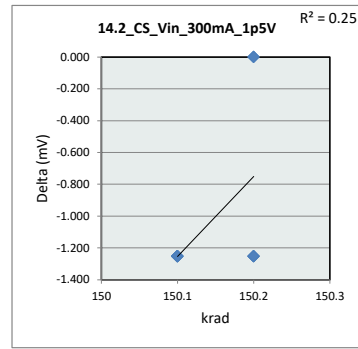


14.1_CS_Vin_7p5A_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	300	mV
Min Limit	0	mV
krad	150.1	150.2
LL	0.000	0.000
Min	130.952	130.952
Average	131.955	131.704
Max	133.459	132.205
UL	300.000	300.000

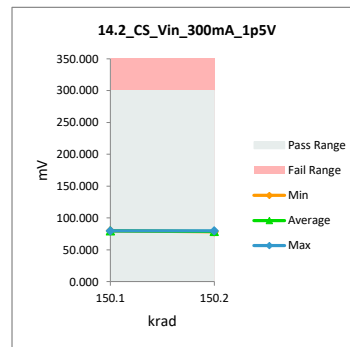


150k HDR Rebound
TPS7H2201-SP

14.2_CS_Vin_300mA_1p5V				
Test Site				
Tester				
Test Number				
Unit		mV	mV	
Max Limit		300	300	
Min Limit		0	0	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	78.321	79.574	-1.253
150.1	219	78.321	79.574	-1.253
150.1	220	78.321	79.574	-1.253
150.1	221	78.321	79.574	-1.253
150.1	222	78.321	79.574	-1.253
150.2	223	78.321	78.321	0.000
150.2	224	78.321	79.574	-1.253
150.2	225	77.068	78.321	-1.253
150.2	116	78.321	78.321	0.000
150.2	117	78.321	79.574	-1.253
Max		78.321	79.574	0.000
Average		78.196	79.198	-1.002
Min		77.068	78.321	-1.253
Std Dev		0.396	0.605	0.528

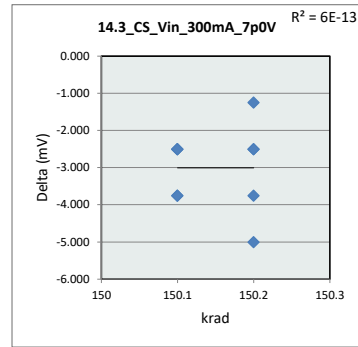


14.2_CS_Vin_300mA_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	300	mV
Min Limit	0	mV
krad	150.1	150.2
LL	0.000	0.000
Min	79.574	78.321
Average	79.574	78.822
Max	79.574	79.574
UL	300.000	300.000

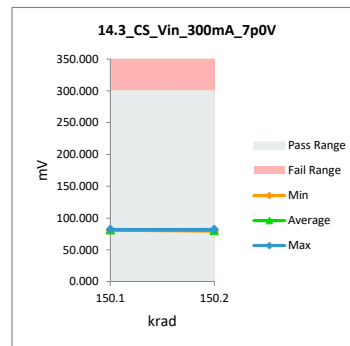


150k HDR Rebound TPS7H2201-SP

14.3_CS_Vin_300mA_7p0V				
Test Site				
Tester				
Test Number				
Unit	mV	mV		
Max Limit	300	300		
Min Limit	0	0		
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	78.321	80.827	-2.506
150.1	219	78.321	80.827	-2.506
150.1	220	78.321	80.827	-2.506
150.1	221	78.321	82.080	-3.759
150.1	222	78.321	82.080	-3.759
150.2	223	78.321	79.574	-1.253
150.2	224	78.321	80.827	-2.506
150.2	225	77.068	80.827	-3.759
150.2	116	78.321	80.827	-2.506
150.2	117	77.068	82.080	-5.012
Max		78.321	82.080	-1.253
Average		78.070	81.078	-3.007
Min		77.068	79.574	-5.012
Std Dev		0.528	0.792	1.057

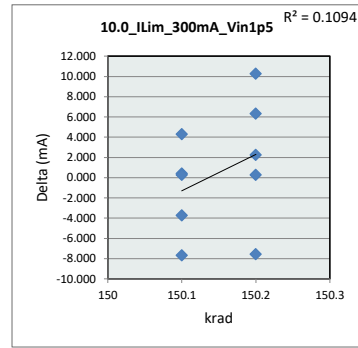


14.3_CS_Vin_300mA_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	300	mV
Min Limit	0	mV
krad	150.1	150.2
LL	0.000	0.000
Min	80.827	79.574
Average	81.328	80.827
Max	82.080	82.080
UL	300.000	300.000

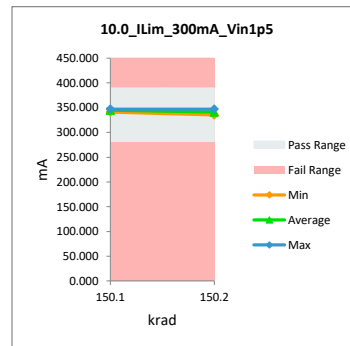


150k HDR Rebound
TPS7H2201-SP

10.0_ILim_300mA_Vin1p5				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		390	390	
Min Limit		280	280	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	339.458	347.141	-7.683
150.1	219	343.537	343.129	0.408
150.1	220	345.511	345.234	0.277
150.1	221	345.577	341.288	4.289
150.1	222	343.472	347.207	-3.735
150.2	223	343.472	343.195	0.277
150.2	224	345.445	335.171	10.274
150.2	225	343.472	337.144	6.328
150.2	116	339.524	347.076	-7.552
150.2	117	345.445	343.195	2.250
Max		345.577	347.207	10.274
Average		343.491	342.978	0.513
Min		339.458	335.171	-7.683
Std Dev		2.311	4.151	5.742

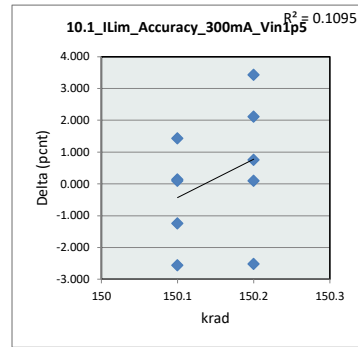


10.0_ILim_300mA_Vin1p5		
Test Site		
Tester		
Test Number		
Max Limit	390	mA
Min Limit	280	mA
krad	150.1	150.2
LL	280.000	280.000
Min	341.288	335.171
Average	344.800	341.156
Max	347.207	347.076
UL	390.000	390.000

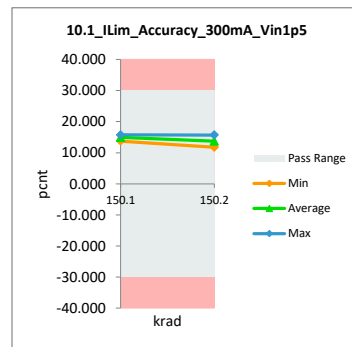


150k HDR Rebound
TPS7H2201-SP

10.1_ILim_Accuracy_300mA_Vin1p5				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		30	30	
Min Limit		-30	-30	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	13.153	15.714	-2.561
150.1	219	14.512	14.376	0.136
150.1	220	15.170	15.078	0.092
150.1	221	15.192	13.763	1.429
150.1	222	14.491	15.736	-1.245
150.2	223	14.491	14.398	0.093
150.2	224	15.148	11.724	3.424
150.2	225	14.491	12.381	2.110
150.2	116	13.175	15.692	-2.517
150.2	117	15.148	14.398	0.750
Max		15.192	15.736	3.424
Average		14.497	14.326	0.171
Min		13.153	11.724	-2.561
Std Dev		0.770	1.384	1.914

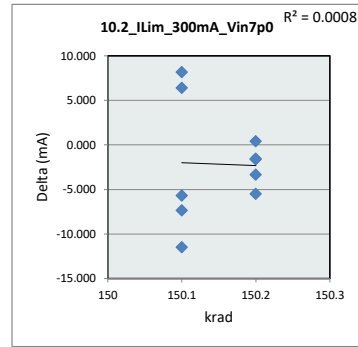


10.1_ILim_Accuracy_300mA_Vin1p5		
Test Site		
Tester		
Test Number		
Max Limit	30	pcnt
Min Limit	-30	pcnt
krad	150.1	150.2
LL	-30.000	-30.000
Min	13.763	11.724
Average	14.933	13.719
Max	15.736	15.692
UL	30.000	30.000

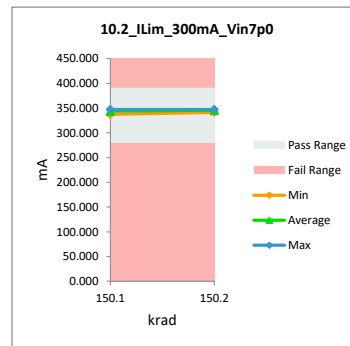


150k HDR Rebound
TPS7H2201-SP

10.2_ILim_300mA_Vin7p0				
Test Site				
Tester				
Test Number				
Unit		mA	mA	
Max Limit		390	390	
Min Limit		280	280	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	341.498	347.207	-5.709
150.1	219	345.511	337.342	8.169
150.1	220	339.524	346.878	-7.354
150.1	221	345.577	339.183	6.394
150.1	222	335.511	347.010	-11.499
150.2	223	343.537	346.878	-3.341
150.2	224	339.590	341.156	-1.566
150.2	225	345.577	345.168	0.409
150.2	116	341.564	347.076	-5.512
150.2	117	345.643	347.273	-1.630
	Max	345.643	347.273	8.169
	Average	342.353	344.517	-2.164
	Min	335.511	337.342	-11.499
	Std Dev	3.445	3.806	6.023

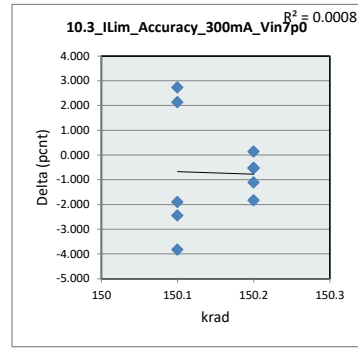


10.2_ILim_300mA_Vin7p0		
Test Site		
Tester		
Test Number		
Max Limit	390	mA
Min Limit	280	mA
krad	150.1	150.2
LL	280.000	280.000
Min	337.342	341.156
Average	343.524	345.510
Max	347.207	347.273
UL	390.000	390.000

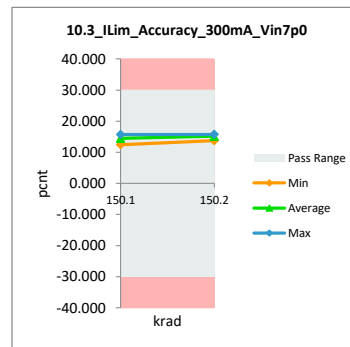


150k HDR Rebound
TPS7H2201-SP

10.3_ILim_Accuracy_300mA_Vin7p0				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		30	30	
Min Limit		-30	-30	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	13.833	15.736	-1.903
150.1	219	15.170	12.447	2.723
150.1	220	13.175	15.626	-2.451
150.1	221	15.192	13.061	2.131
150.1	222	11.837	15.670	-3.833
150.2	223	14.512	15.626	-1.114
150.2	224	13.197	13.719	-0.522
150.2	225	15.192	15.056	0.136
150.2	116	13.855	15.692	-1.837
150.2	117	15.214	15.758	-0.544
Max		15.214	15.758	2.723
Average		14.118	14.839	-0.721
Min		11.837	12.447	-3.833
Std Dev		1.148	1.269	2.008

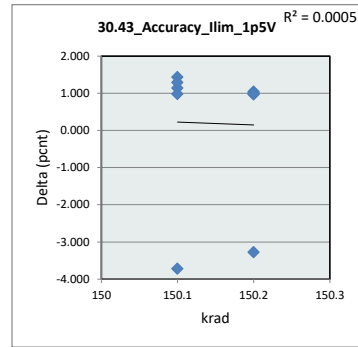


10.3_ILim_Accuracy_300mA_Vin7p0		
Test Site		
Tester		
Test Number		
Max Limit	30	pcnt
Min Limit	-30	pcnt
krad	150.1	150.2
LL	-30.000	-30.000
Min	12.447	13.719
Average	14.508	15.170
Max	15.736	15.758
UL	30.000	30.000

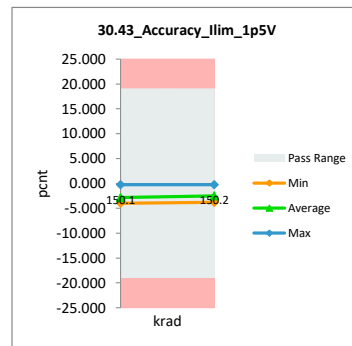


150k HDR Rebound
TPS7H2201-SP

30.43_Accuracy_Ilim_1p5V				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		19	19	
Min Limit		-19	-19	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	-1.728	-2.870	1.142
150.1	219	-3.968	-0.243	-3.725
150.1	220	-2.932	-3.914	0.982
150.1	221	-1.721	-3.159	1.438
150.1	222	-2.689	-3.978	1.289
150.2	223	-1.647	-2.616	0.969
150.2	224	-3.556	-0.278	-3.278
150.2	225	-1.960	-3.001	1.041
150.2	116	-2.788	-3.801	1.013
150.2	117	-1.805	-2.793	0.988
	Max	-1.647	-0.243	1.438
	Average	-2.479	-2.665	0.186
	Min	-3.968	-3.978	-3.725
	Std Dev	0.835	1.356	1.952

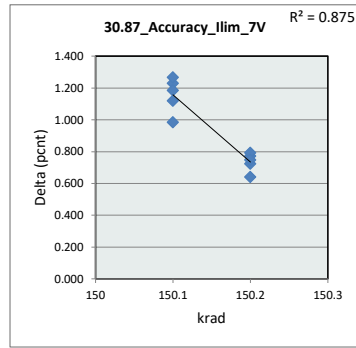


30.43_Accuracy_Ilim_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	19	pcnt
Min Limit	-19	pcnt
krad	150.1	150.2
LL	-19.000	-19.000
Min	-3.978	-3.801
Average	-2.833	-2.498
Max	-0.243	-0.278
UL	19.000	19.000

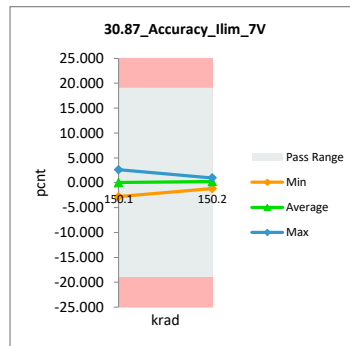


150k HDR Rebound
TPS7H2201-SP

30.87_Accuracy_Ilim_7V				
Test Site				
Tester				
Test Number				
Unit		pcnt	pcnt	
Max Limit		19	19	
Min Limit		-19	-19	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.499	0.269	1.230
150.1	219	-1.595	-2.780	1.185
150.1	220	0.833	-0.151	0.984
150.1	221	3.734	2.614	1.120
150.1	222	1.482	0.215	1.267
150.2	223	1.749	0.977	0.772
150.2	224	-0.395	-1.188	0.793
150.2	225	1.692	0.968	0.724
150.2	116	0.098	-0.542	0.640
150.2	117	1.708	0.960	0.748
Max		3.734	2.614	1.267
Average		1.080	0.134	0.946
Min		-1.595	-2.780	0.640
Std Dev		1.451	1.455	0.238

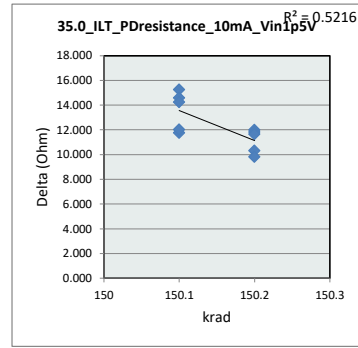


30.87_Accuracy_Ilim_7V		
Test Site		
Tester		
Test Number		
Max Limit	19	pcnt
Min Limit	-19	pcnt
krad	150.1	150.2
LL	-19.000	-19.000
Min	-2.780	-1.188
Average	0.033	0.235
Max	2.614	0.977
UL	19.000	19.000

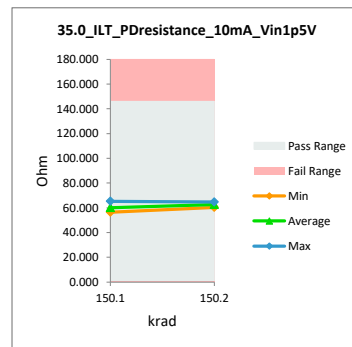


150k HDR Rebound
TPS7H2201-SP

35.0_ILT_PDresistance_10mA_V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	80.477	65.225	15.252
150.1	219	68.408	56.642	11.766
150.1	220	68.500	56.470	12.030
150.1	221	76.742	62.155	14.587
150.1	222	74.429	60.187	14.242
150.2	223	76.689	64.694	11.995
150.2	224	75.797	63.977	11.820
150.2	225	71.358	61.036	10.322
150.2	116	74.399	62.748	11.651
150.2	117	70.205	60.392	9.813
Max		80.477	65.225	15.252
Average		73.700	61.353	12.348
Min		68.408	56.470	9.813
Std Dev		3.976	3.056	1.792

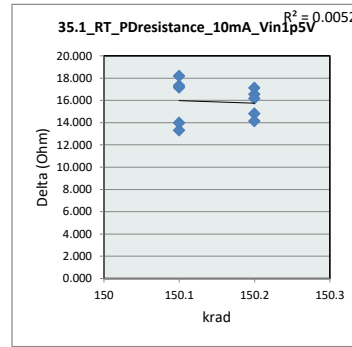


35.0_ILT_PDresistance_10mA		
krad	150.1	150.2
LL	0.050	0.050
Min	56.470	60.392
Average	60.136	62.569
Max	65.225	64.694
UL	146.000	146.000

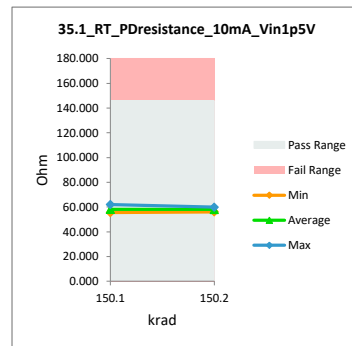


150k HDR Rebound TPS7H2201-SP

35.1_RT_PDresistance_10mA_Vin1p5V				
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	80.287	62.094	18.193
150.1	219	69.577	56.279	13.298
150.1	220	69.442	55.473	13.969
150.1	221	77.143	59.816	17.327
150.1	222	73.847	56.703	17.144
150.2	223	76.003	59.463	16.540
150.2	224	77.032	59.908	17.124
150.2	225	71.389	56.582	14.807
150.2	116	74.286	58.110	16.176
150.2	117	70.294	56.162	14.132
Max		80.287	62.094	18.193
Average		73.930	58.059	15.871
Min		69.442	55.473	13.298
Std Dev		3.705	2.166	1.688

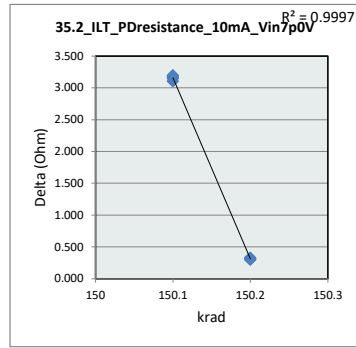


35.1_RT_PDresistance_10mA		
krad	150.1	150.2
LL	0.050	0.050
Min	55.473	56.162
Average	58.073	58.045
Max	62.094	59.908
UL	146.000	146.000

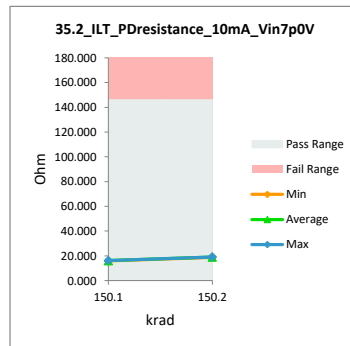


150k HDR Rebound
TPS7H2201-SP

35.2_ILT_PDresistance_10mA_V				
Test Site				
Tester				
Test Number				
Unit		Ohm	Ohm	
Max Limit		146	146	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	19.364	16.222	3.142
150.1	219	19.105	16.005	3.100
150.1	220	19.015	15.851	3.164
150.1	221	19.329	16.151	3.178
150.1	222	19.385	16.189	3.196
150.2	223	19.431	19.129	0.302
150.2	224	19.217	18.890	0.327
150.2	225	19.305	18.992	0.313
150.2	116	19.261	18.946	0.315
150.2	117	19.294	18.996	0.298
	Max	19.431	19.129	3.196
	Average	19.271	17.537	1.734
	Min	19.015	15.851	0.298
	Std Dev	0.128	1.537	1.500

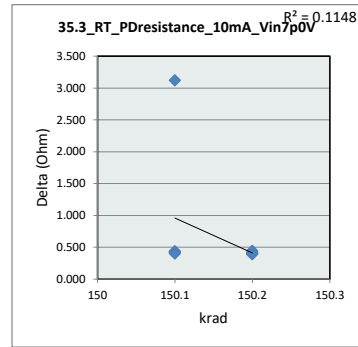


35.2_ILT_PDresistance_10mA		
Test Site		
Tester		
Test Number		
Max Limit	146	Ohm
Min Limit	0.05	Ohm
krad	150.1	150.2
LL	0.050	0.050
Min	15.851	18.890
Average	16.084	18.991
Max	16.222	19.129
UL	146.000	146.000

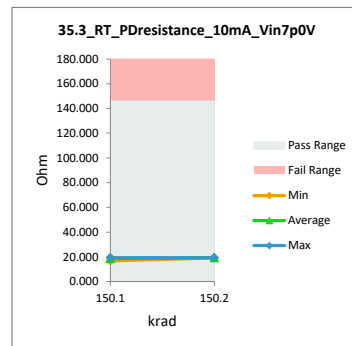


150k HDR Rebound
TPS7H2201-SP

35.3_RT_PDresistance_10mA_Vin7p0V				
Test Site				
Tester				
Test Number				
Unit		Ohm	Ohm	
Max Limit		146	146	
Min Limit		0.05	0.05	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	19.790	19.372	0.418
150.1	219	19.534	19.099	0.435
150.1	220	19.462	19.040	0.422
150.1	221	19.701	19.303	0.398
150.1	222	19.834	16.713	3.121
150.2	223	19.826	19.411	0.415
150.2	224	19.611	19.169	0.442
150.2	225	19.717	19.331	0.386
150.2	116	19.687	19.287	0.400
150.2	117	19.722	19.324	0.398
	Max	19.834	19.411	3.121
	Average	19.688	19.005	0.684
	Min	19.462	16.713	0.386
	Std Dev	0.122	0.814	0.857

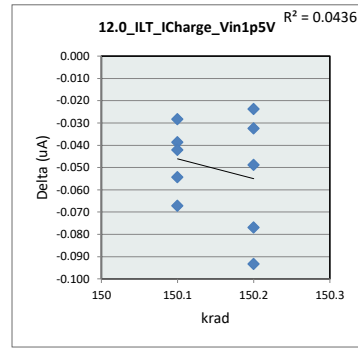


35.3_RT_PDresistance_10mA		
Test Site		
Tester		
Test Number		
Max Limit	146	Ohm
Min Limit	0.05	Ohm
krad	150.1	150.2
LL	0.050	0.050
Min	16.713	19.169
Average	18.705	19.304
Max	19.372	19.411
UL	146.000	146.000

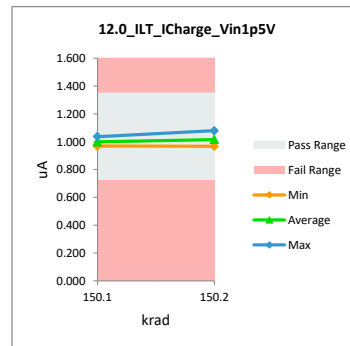


150k HDR Rebound
TPS7H2201-SP

12.0_ILT_ICharge_Vin1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		1.35	1.35	
Min Limit		0.72	0.72	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.009	1.037	-0.028
150.1	219	0.918	0.985	-0.067
150.1	220	0.975	1.013	-0.039
150.1	221	0.915	0.969	-0.054
150.1	222	0.947	0.989	-0.042
150.2	223	1.002	1.079	-0.077
150.2	224	0.943	0.967	-0.024
150.2	225	0.987	1.019	-0.032
150.2	116	0.950	0.999	-0.049
150.2	117	0.922	1.015	-0.093
Max		1.009	1.079	-0.024
Average		0.957	1.007	-0.051
Min		0.915	0.967	-0.093
Std Dev		0.035	0.034	0.023

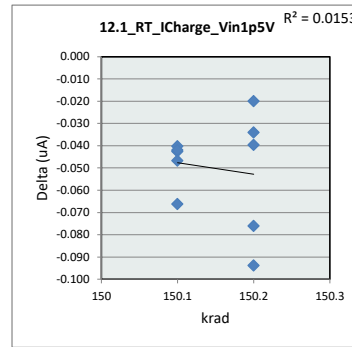


12.0_ILT_ICharge_Vin1p5V		
Test Site		
Tester		
Test Number		
Max Limit	1.35	uA
Min Limit	0.72	uA
krad	150.1	150.2
LL	0.720	0.720
Min	0.969	0.967
Average	0.999	1.016
Max	1.037	1.079
UL	1.350	1.350

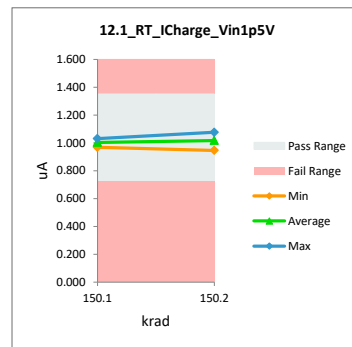


150k HDR Rebound
TPS7H2201-SP

12.1_RT_ICharge_Vin1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		1.35	1.35	
Min Limit		0.72	0.72	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.984	1.027	-0.043
150.1	219	0.923	0.990	-0.066
150.1	220	0.990	1.030	-0.040
150.1	221	0.926	0.968	-0.042
150.1	222	0.954	1.001	-0.047
150.2	223	1.000	1.076	-0.076
150.2	224	0.926	0.946	-0.020
150.2	225	1.001	1.035	-0.034
150.2	116	0.971	1.011	-0.040
150.2	117	0.923	1.017	-0.094
	Max	1.001	1.076	-0.020
	Average	0.960	1.010	-0.050
	Min	0.923	0.946	-0.094
	Std Dev	0.033	0.037	0.022

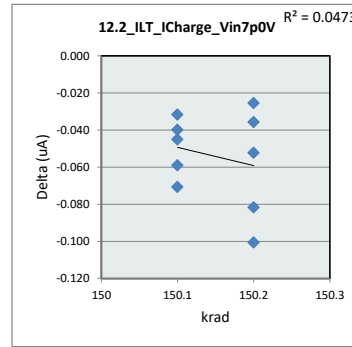


12.1_RT_ICharge_Vin1p5V		
Test Site		
Tester		
Test Number		
Max Limit	1.35	uA
Min Limit	0.72	uA
krad	150.1	150.2
LL	0.720	0.720
Min	0.968	0.946
Average	1.003	1.017
Max	1.030	1.076
UL	1.350	1.350

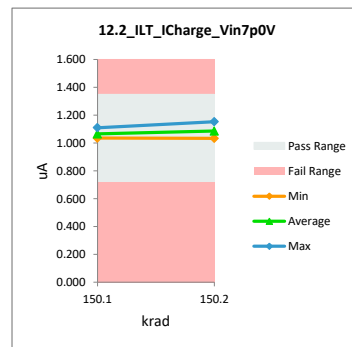


150k HDR Rebound
TPS7H2201-SP

12.2_ILT_ICharge_Vin7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		1.35	1.35	
Min Limit		0.72	0.72	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.079	1.111	-0.032
150.1	219	0.979	1.050	-0.071
150.1	220	1.038	1.078	-0.040
150.1	221	0.977	1.036	-0.059
150.1	222	1.008	1.053	-0.045
150.2	223	1.073	1.154	-0.082
150.2	224	1.008	1.034	-0.025
150.2	225	1.053	1.089	-0.036
150.2	116	1.016	1.068	-0.052
150.2	117	0.984	1.085	-0.101
Max		1.079	1.154	-0.025
Average		1.022	1.076	-0.054
Min		0.977	1.034	-0.101
Std Dev		0.038	0.037	0.024

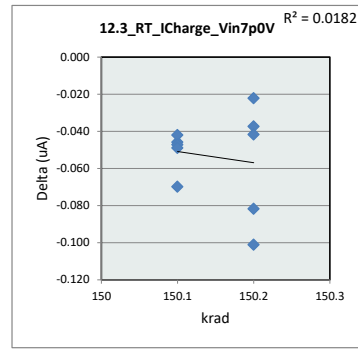


12.2_ILT_ICharge_Vin7p0V		
Test Site		
Tester		
Test Number		
Max Limit	1.35	uA
Min Limit	0.72	uA
krad	150.1	150.2
LL	0.720	0.720
Min	1.036	1.034
Average	1.066	1.086
Max	1.111	1.154
UL	1.350	1.350

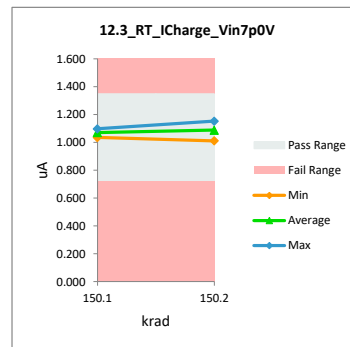


150k HDR Rebound
TPS7H2201-SP

12.3_RT_ICharge_Vin7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		1.35	1.35	
Min Limit		0.72	0.72	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	1.051	1.097	-0.046
150.1	219	0.984	1.054	-0.070
150.1	220	1.055	1.097	-0.042
150.1	221	0.988	1.035	-0.047
150.1	222	1.020	1.069	-0.049
150.2	223	1.070	1.152	-0.082
150.2	224	0.989	1.011	-0.022
150.2	225	1.069	1.107	-0.037
150.2	116	1.039	1.081	-0.042
150.2	117	0.986	1.087	-0.101
	Max	1.070	1.152	-0.022
	Average	1.025	1.079	-0.054
	Min	0.984	1.011	-0.101
	Std Dev	0.036	0.040	0.023

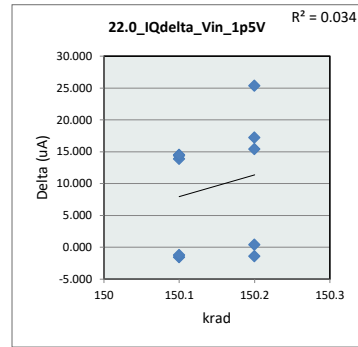


12.3_RT_ICharge_Vin7p0V		
Test Site		
Tester		
Test Number		
Max Limit	1.35	uA
Min Limit	0.72	uA
krad	150.1	150.2
LL	0.720	0.720
Min	1.035	1.011
Average	1.071	1.088
Max	1.097	1.152
UL	1.350	1.350

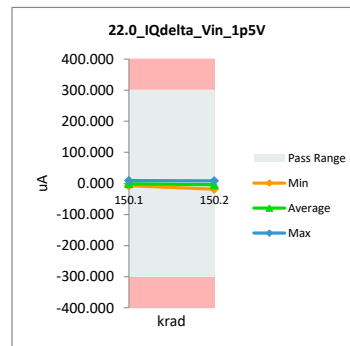


150k HDR Rebound TPS7H2201-SP

22.0_IQdelta_Vin_1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		300	300	
Min Limit		-300	-300	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	7.344	8.936	-1.592
150.1	219	7.349	8.610	-1.261
150.1	220	7.203	-6.644	13.848
150.1	221	7.042	-7.338	14.379
150.1	222	7.312	-7.174	14.486
150.2	223	7.040	-18.316	25.356
150.2	224	7.172	-10.038	17.211
150.2	225	7.104	-8.297	15.401
150.2	116	6.881	8.312	-1.431
150.2	117	7.172	6.804	0.367
	Max	7.349	8.936	25.356
	Average	7.162	-2.514	9.676
	Min	6.881	-18.316	-1.592
	Std Dev	0.151	9.779	9.745

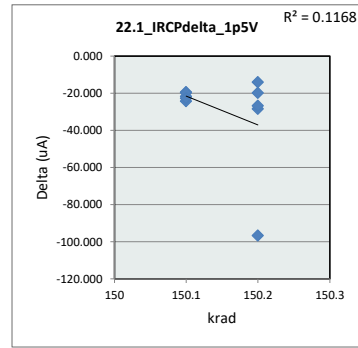


22.0_IQdelta_Vin_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	300	uA
Min Limit	-300	uA
krad	150.1	150.2
LL	-300.000	-300.000
Min	-7.338	-18.316
Average	-0.722	-4.307
Max	8.936	8.312
UL	300.000	300.000

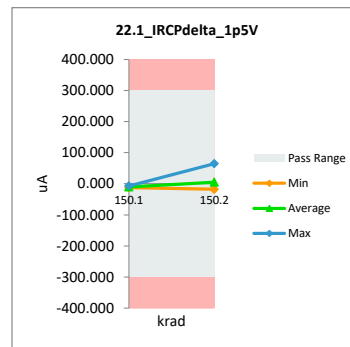


150k HDR Rebound
TPS7H2201-SP

22.1_IRCPdelta_1p5V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		300	300	
Min Limit		-300	-300	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	-31.379	-7.166	-24.213
150.1	219	-31.572	-9.906	-21.666
150.1	220	-31.355	-11.942	-19.414
150.1	221	-32.083	-12.425	-19.657
150.1	222	-31.837	-9.179	-22.658
150.2	223	-31.965	64.697	-96.662
150.2	224	-32.096	-12.350	-19.745
150.2	225	-31.971	-18.017	-13.954
150.2	116	-32.144	-3.730	-28.413
150.2	117	-32.218	-5.533	-26.685
Max		-31.355	64.697	-13.954
Average		-31.862	-2.555	-29.307
Min		-32.218	-18.017	-96.662
Std Dev		0.317	23.974	24.016

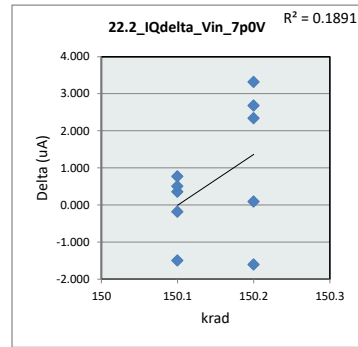


22.1_IRCPdelta_1p5V		
Test Site		
Tester		
Test Number		
Max Limit	300	uA
Min Limit	-300	uA
krad	150.1	150.2
LL	-300.000	-300.000
Min	-12.425	-18.017
Average	-10.123	5.013
Max	-7.166	64.697
UL	300.000	300.000

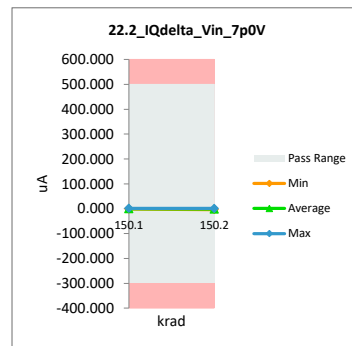


150k HDR Rebound
TPS7H2201-SP

22.2_IQdelta_Vin_7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		500	500	
Min Limit		-300	-300	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	-0.319	1.177	-1.496
150.1	219	0.052	0.231	-0.179
150.1	220	-0.250	-0.608	0.357
150.1	221	-0.357	-0.865	0.509
150.1	222	-0.288	-1.057	0.769
150.2	223	-0.260	-3.577	3.316
150.2	224	0.020	-2.662	2.682
150.2	225	-0.334	-2.672	2.338
150.2	116	-0.642	0.965	-1.606
150.2	117	-0.200	-0.292	0.092
Max		0.052	1.177	3.316
Average		-0.258	-0.936	0.678
Min		-0.642	-3.577	-1.606
Std Dev		0.196	1.597	1.663

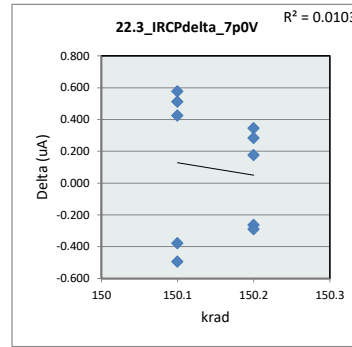


22.2_IQdelta_Vin_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	500	uA
Min Limit	-300	uA
krad	150.1	150.2
LL	-300.000	-300.000
Min	-1.057	-3.577
Average	-0.224	-1.648
Max	1.177	0.965
UL	500.000	500.000

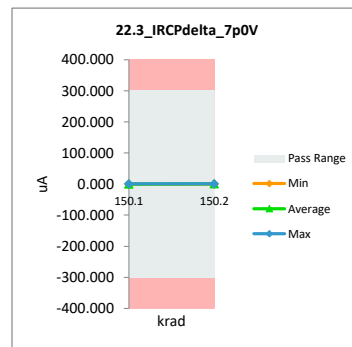


150k HDR Rebound
TPS7H2201-SP

22.3_IRCPdelta_7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		300	300	
Min Limit		-300	-300	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.508	1.003	-0.495
150.1	219	0.470	0.849	-0.379
150.1	220	0.511	0.000	0.511
150.1	221	0.483	0.058	0.424
150.1	222	0.484	-0.092	0.576
150.2	223	0.553	0.378	0.175
150.2	224	0.473	0.128	0.345
150.2	225	0.580	0.297	0.283
150.2	116	0.507	0.771	-0.264
150.2	117	0.514	0.805	-0.291
Max		0.580	1.003	0.576
Average		0.508	0.420	0.089
Min		0.470	-0.092	-0.495
Std Dev		0.035	0.404	0.404

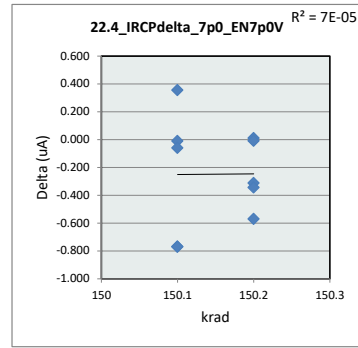


22.3_IRCPdelta_7p0V		
Test Site		
Tester		
Test Number		
Max Limit	300	uA
Min Limit	-300	uA
krad	150.1	150.2
LL	-300.000	-300.000
Min	-0.092	0.128
Average	0.364	0.476
Max	1.003	0.805
UL	300.000	300.000

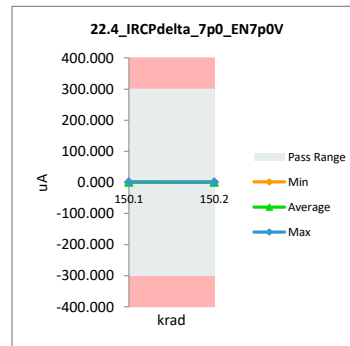


150k HDR Rebound
TPS7H2201-SP

22.4_IRCPdelta_7p0_EN7p0V				
Test Site				
Tester				
Test Number				
Unit		uA	uA	
Max Limit		300	300	
Min Limit		-300	-300	
krad	Serial #	150k_pre	150k_postanneal	Delta
150.1	218	0.461	1.232	-0.771
150.1	219	0.474	1.246	-0.772
150.1	220	0.507	0.519	-0.012
150.1	221	0.456	0.517	-0.061
150.1	222	0.483	0.129	0.354
150.2	223	0.532	0.845	-0.313
150.2	224	0.470	0.461	0.009
150.2	225	0.569	0.579	-0.011
150.2	116	0.497	0.842	-0.345
150.2	117	0.502	1.074	-0.572
	Max	0.569	1.246	0.354
	Average	0.495	0.744	-0.249
	Min	0.456	0.129	-0.772
	Std Dev	0.035	0.366	0.371



22.4_IRCPdelta_7p0_EN7p0V		
Test Site		
Tester		
Test Number		
Max Limit	300	uA
Min Limit	-300	uA
krad	150.1	150.2
LL	-300.000	-300.000
Min	0.129	0.461
Average	0.729	0.760
Max	1.246	1.074
UL	300.000	300.000



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