

**Low Dose Rate Report: 50 krad(Si)**

TI Part Number	<b>UC1715-SP</b>
Device Function	COMPLIMENTARY SWITCH FET DRIVERS
Package	W (Flatpack)
Technology	BiPolar
Die Lot Number	#2303625
Lot Number / Date Code	3000367 / 1303A
Quantity Tested	25 devices and 1 control devices. 5 devices per radiation dose rate, 5 parts to be irradiated unbiased.
Lot Accept/Reject	Devices passed 30krad(Si), 40krad(Si) and 50krad(Si)
Radiation Facility	Radiation Assured Devices Longmire Laboratories, Colorado Springs, CO
ELDRS Dose	3krad(Si), 10krad(Si), 30krad(Si), 50krad(Si) and 100krad(Si)
ELDRS Dose Rate	0.01 rad/sec (Si)
Radiation Source	Co60
Irradiation Temperature	Ambient, room temperature

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## Exposure Record

<b>Customer:</b>	T1
<b>Dose Rate:</b>	0.01 rad/sec (Si)
<b>Quantity Irradiated:</b>	5

<b>Device Type:</b>	UC1715
<b>Total Dose (krad):</b>	3krad
<b>RAD Job Number:</b>	13-0349

Serial Number	Total Dose (krad)	Date Shipped	Comments
94	3k	4/22/2013	un-biased
104	3k	4/22/2013	un-biased
110	3k	4/22/2013	un-biased
119	3k	4/22/2013	un-biased
120	3k	4/22/2013	un-biased

Notes: Parts were irradiated at 24°C ± 6°C and were shipped FED EX.



## Exposure Record

<b>Customer:</b>	Ti
<b>Dose Rate:</b>	0.01 rad/sec (Si)
<b>Quantity Irradiated:</b>	5

<b>Device Type:</b>	UC1715
<b>Total Dose (krad):</b>	30krad
<b>RAD Job Number:</b>	13-0349

Serial Number	Total Dose (krad)	Date Shipped	Comments
124	30k	5/22/2013	un-biased
126	30k	5/22/2013	un-biased
132	30k	5/22/2013	un-biased
145	30k	5/22/2013	un-biased
147	30k	5/22/2013	un-biased

Notes: Parts were irradiated at 24°C ± 6°C and were shipped FED EX.



## Exposure Record

Customer:	TI
Dose Rate:	0.01 rad/sec (Si)
Quantity Irradiated:	5

Device Type:	UC1715
Total Dose (krad):	50krad
RAD Job Number:	13-0349

Serial Number	Total Dose (krad)	Date Shipped	Comments
141	50k	6/17/2013	un-biased
143	50k	6/17/2013	un-biased
154	50k	6/17/2013	un-biased
156	50k	6/17/2013	un-biased
157	50k	6/17/2013	un-biased

Notes: Parts were irradiated at 24°C ± 6°C and were shipped FED EX.



## Exposure Record

<b>Customer:</b>	Ti
<b>Dose Rate:</b>	0.01 rad/sec (Si)
<b>Quantity Irradiated:</b>	5

<b>Device Type:</b>	UC1715
<b>Total Dose (krad):</b>	100krad
<b>RAD Job Number:</b>	13-0349

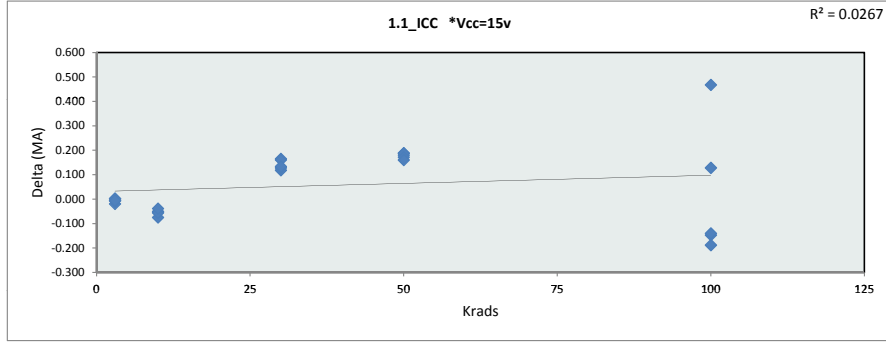
Serial Number	Total Dose (krad)	Date Shipped	Comments
182	100k	8/12/2013	un-biased
164	100k	8/12/2013	un-biased
165	100k	8/12/2013	un-biased
166	100k	8/12/2013	un-biased
187	100k	8/12/2013	un-biased

Notes: Parts were irradiated at 24°C ± 6°C and were shipped FED EX.

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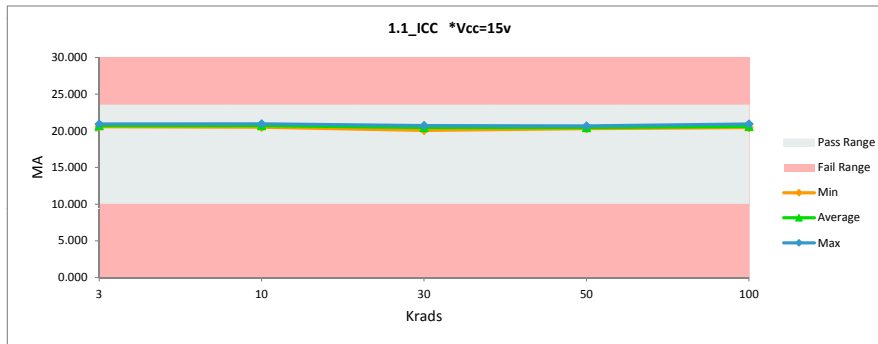
1.1 ICC *Vcc=15v		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	MA	MA
Max Limit	23.5	23.5
Min Limit	10.05	10.05

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	20.616	20.635	-0.019
3	104	20.812	20.818	-0.007
3	110	20.563	20.562	0.001
3	119	20.601	20.599	0.003
3	120	20.923	20.929	-0.006
10	55	20.672	20.746	-0.075
10	60	20.531	20.584	-0.053
10	64	20.753	20.804	-0.051
10	83	20.899	20.954	-0.056
10	88	20.464	20.502	-0.038
30	124	20.614	20.449	0.165
30	126	20.173	20.054	0.118
30	132	20.880	20.719	0.161
30	145	20.593	20.465	0.128
30	147	20.669	20.535	0.134
50	141	20.556	20.376	0.180
50	143	20.492	20.303	0.189
50	154	20.622	20.435	0.187
50	156	20.844	20.672	0.172
50	157	20.644	20.483	0.160
100	164	20.577	20.449	0.128
100	165	20.970	20.502	0.468
100	166	20.782	20.929	-0.147
100	182	20.295	20.483	-0.188
100	187	20.532	20.672	-0.140
Max		20.970	20.954	0.468
Average		20.643	20.586	0.057
Min		20.173	20.054	-0.188
Std Dev		0.189	0.210	0.145



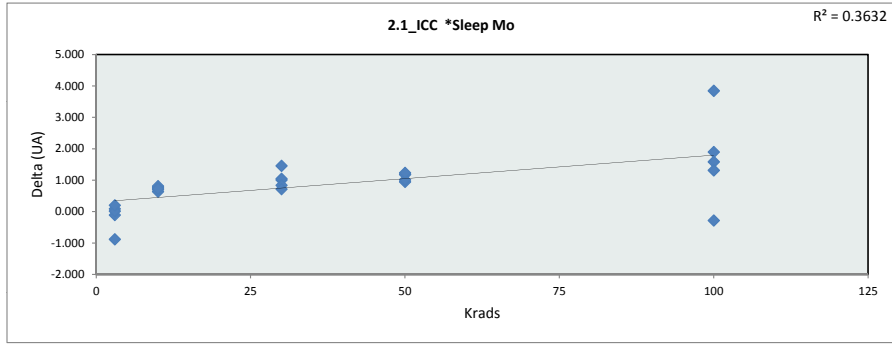
1.1 ICC *Vcc=15v		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	23.5	MA
Min Limit	10.05	MA

Krads	3	10	30	50	100
LL	10.050	10.050	10.050	10.050	10.050
Min	20.562	20.502	20.054	20.303	20.449
Average	20.709	20.718	20.445	20.454	20.607
Max	20.929	20.954	20.719	20.672	20.929
UL	23.500	23.500	23.500	23.500	23.500

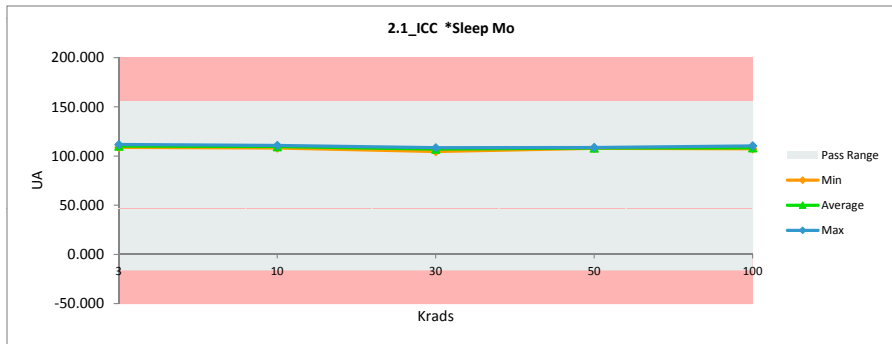


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2.1 ICC *Sleep Mo				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	UA	UA		
Max Limit	155	155		
Min Limit	-16.24	-16.24		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	108.016	108.895	-0.880
3	104	111.623	111.730	-0.107
3	110	110.917	110.827	0.089
3	119	109.046	109.029	0.017
3	120	110.556	110.353	0.203
10	55	111.490	110.719	0.771
10	60	109.082	108.377	0.705
10	64	110.550	109.912	0.638
10	83	111.494	110.682	0.813
10	88	108.936	108.205	0.731
30	124	108.396	107.389	1.007
30	126	105.608	104.562	1.046
30	132	109.900	108.441	1.459
30	145	107.541	106.703	0.839
30	147	108.861	108.145	0.716
50	141	108.817	107.868	0.949
50	143	109.249	108.059	1.190
50	154	109.911	108.729	1.182
50	156	108.956	107.945	1.012
50	157	109.310	108.074	1.236
100	164	111.235	107.389	3.846
100	165	110.102	108.205	1.898
100	166	111.938	110.353	1.585
100	182	107.792	108.074	-0.282
100	187	109.261	107.945	1.316
Max		111.938	111.730	3.846
Average		109.544	108.664	0.879
Min		105.608	104.562	-0.880
Std Dev		1.495	1.545	0.881

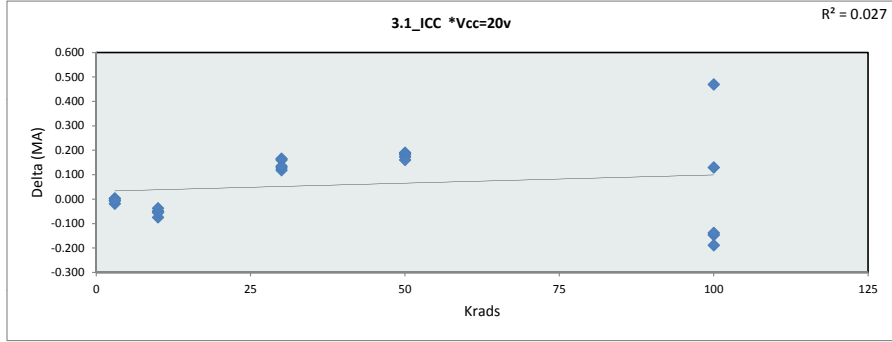


2.1 ICC *Sleep Mo					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	155	UA			
Min Limit	-16.24	UA			
Krads	3	10	30	50	100
LL	-16.240	-16.240	-16.240	-16.240	-16.240
Min	108.895	108.205	104.562	107.868	107.389
Average	110.167	109.579	107.048	108.135	108.393
Max	111.730	110.719	108.442	108.729	110.353
UL	155.000	155.000	155.000	155.000	155.000

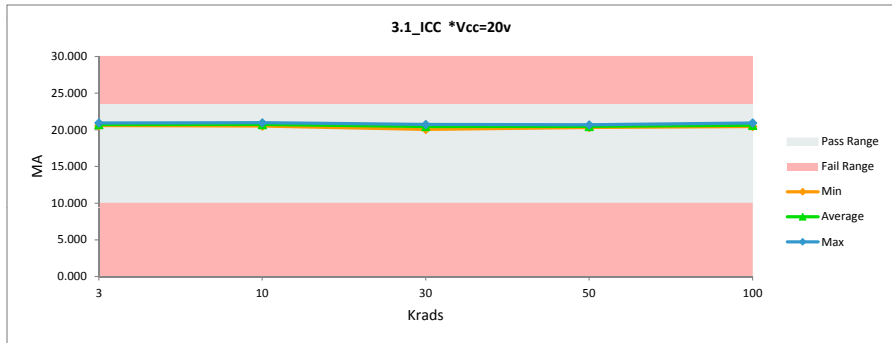


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3.1 ICC *Vcc=20v				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	MA	MA		
Max Limit	23.4509	23.4509		
Min Limit	10.0491	10.0491		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	20.624	20.642	-0.019
3	104	20.821	20.827	-0.006
3	110	20.572	20.570	0.003
3	119	20.609	20.607	0.003
3	120	20.932	20.938	-0.005
10	55	20.680	20.754	-0.074
10	60	20.539	20.591	-0.052
10	64	20.763	20.812	-0.049
10	83	20.908	20.962	-0.054
10	88	20.472	20.509	-0.037
30	124	20.622	20.456	0.166
30	126	20.180	20.061	0.119
30	132	20.889	20.728	0.161
30	145	20.601	20.473	0.128
30	147	20.678	20.544	0.135
50	141	20.565	20.383	0.182
50	143	20.501	20.311	0.190
50	154	20.631	20.443	0.189
50	156	20.852	20.678	0.173
50	157	20.652	20.491	0.161
100	164	20.586	20.456	0.130
100	165	20.978	20.509	0.469
100	166	20.791	20.938	-0.146
100	182	20.303	20.491	-0.188
100	187	20.541	20.678	-0.138
Max		20.978	20.962	0.469
Average		20.652	20.594	0.058
Min		20.180	20.061	-0.188
Std Dev		0.189	0.210	0.146



3.1 ICC *Vcc=20v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	23.4509	MA			
Min Limit	10.0491	MA			
Krads	3	10	30	50	100
LL	10.049	10.049	10.049	10.049	10.049
Min	20.570	20.509	20.061	20.311	20.456
Average	20.717	20.726	20.453	20.461	20.614
Max	20.938	20.962	20.728	20.678	20.938
UL	23.451	23.451	23.451	23.451	23.451

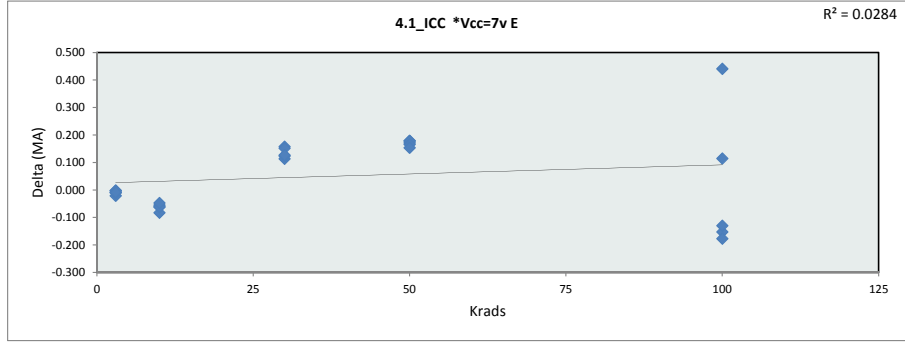




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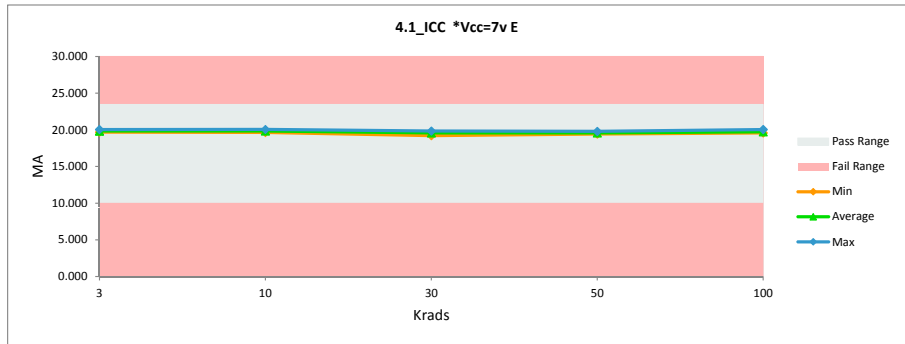
4.1_ICC *Vcc=7v E		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	MA	MA
Max Limit	23.4541	23.4541
Min Limit	10.0459	10.0459

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	19.738	19.759	-0.021
3	104	19.917	19.927	-0.010
3	110	19.688	19.690	-0.003
3	119	19.720	19.722	-0.002
3	120	20.033	20.042	-0.008
10	55	19.788	19.871	-0.083
10	60	19.654	19.715	-0.062
10	64	19.856	19.911	-0.055
10	83	19.993	20.055	-0.061
10	88	19.590	19.637	-0.047
30	124	19.736	19.579	0.158
30	126	19.324	19.211	0.114
30	132	19.993	19.841	0.152
30	145	19.710	19.586	0.124
30	147	19.793	19.667	0.127
50	141	19.677	19.505	0.172
50	143	19.613	19.433	0.180
50	154	19.734	19.556	0.178
50	156	19.951	19.784	0.166
50	157	19.762	19.608	0.154
100	164	19.694	19.579	0.115
100	165	20.078	19.637	0.441
100	166	19.889	20.042	-0.153
100	182	19.431	19.608	-0.177
100	187	19.655	19.784	-0.130
Max		20.078	20.055	0.441
Average		19.761	19.710	0.051
Min		19.324	19.211	-0.177
Std Dev		0.179	0.200	0.140



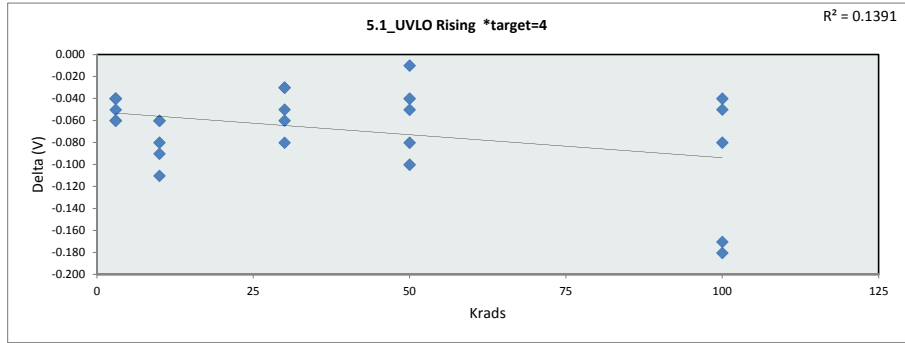
4.1_ICC *Vcc=7v E	
Test Site	Dallas, Tx
Tester	ETS364-06
Test Number	E9482201
Max Limit	23.4541 MA
Min Limit	10.0459 MA

	3	10	30	50	100
LL	10.046	10.046	10.046	10.046	10.046
Min	19.690	19.637	19.211	19.433	19.579
Average	19.828	19.838	19.577	19.577	19.730
Max	20.042	20.055	19.841	19.784	20.042
UL	23.454	23.454	23.454	23.454	23.454

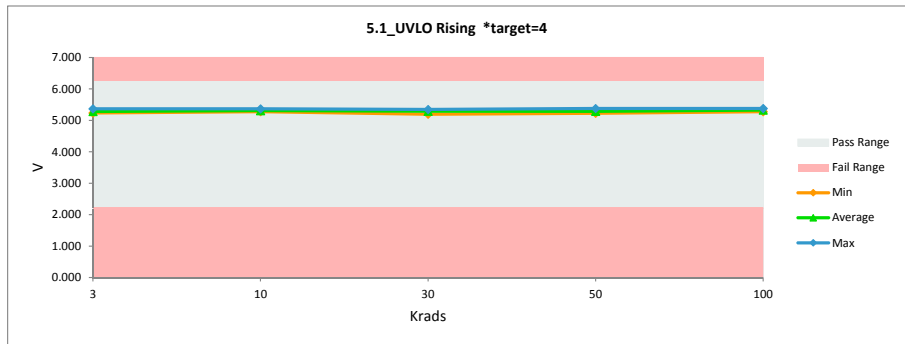


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5.1 UVLO Rising *target=4				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	6.23	6.23		
Min Limit	2.24	2.24		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	5.235	5.295	-0.060
3	104	5.195	5.255	-0.060
3	110	5.195	5.235	-0.040
3	119	5.205	5.245	-0.040
3	120	5.315	5.365	-0.050
10	55	5.255	5.365	-0.110
10	60	5.215	5.275	-0.060
10	64	5.215	5.275	-0.060
10	83	5.225	5.315	-0.090
10	88	5.235	5.315	-0.080
30	124	5.245	5.275	-0.030
30	126	5.165	5.195	-0.030
30	132	5.275	5.325	-0.050
30	145	5.245	5.305	-0.060
30	147	5.265	5.345	-0.080
50	141	5.215	5.225	-0.010
50	143	5.225	5.275	-0.050
50	154	5.215	5.255	-0.040
50	156	5.275	5.375	-0.100
50	157	5.225	5.305	-0.080
100	164	5.235	5.275	-0.040
100	165	5.235	5.315	-0.080
100	166	5.195	5.365	-0.170
100	182	5.255	5.305	-0.050
100	187	5.195	5.375	-0.180
Max		5.315	5.375	-0.010
Average		5.230	5.298	-0.068
Min		5.165	5.195	-0.180
Std Dev		0.032	0.049	0.040



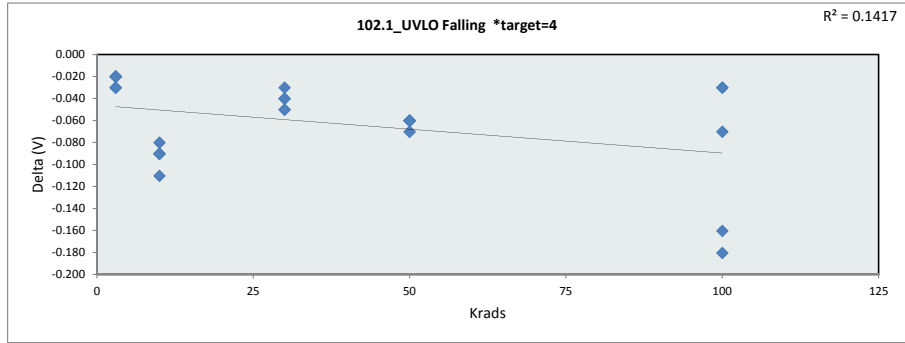
5.1 UVLO Rising *target=4					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	6.23	V			
Min Limit	2.24	V			
Krads	3	10	30	50	100
LL	2.240	2.240	2.240	2.240	2.240
Min	5.235	5.275	5.195	5.225	5.275
Average	5.279	5.309	5.289	5.287	5.327
Max	5.365	5.365	5.345	5.375	5.375
UL	6.230	6.230	6.230	6.230	6.230



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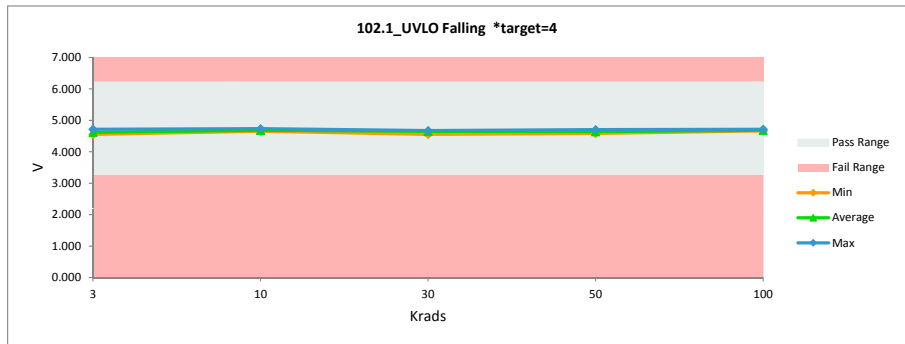
102.1 UVLO Falling *target=4		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	6.22	6.22
Min Limit	3.26	3.26

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	4.634	4.664	-0.030
3	104	4.574	4.594	-0.020
3	110	4.554	4.574	-0.020
3	119	4.533	4.554	-0.020
3	120	4.684	4.714	-0.030
10	55	4.624	4.734	-0.110
10	60	4.563	4.654	-0.090
10	64	4.574	4.664	-0.090
10	83	4.594	4.684	-0.090
10	88	4.604	4.684	-0.080
30	124	4.634	4.664	-0.030
30	126	4.503	4.554	-0.050
30	132	4.634	4.674	-0.040
30	145	4.624	4.674	-0.050
30	147	4.634	4.674	-0.040
50	141	4.523	4.583	-0.060
50	143	4.574	4.634	-0.060
50	154	4.554	4.614	-0.060
50	156	4.644	4.704	-0.060
50	157	4.594	4.664	-0.070
100	164	4.594	4.664	-0.070
100	165	4.654	4.684	-0.030
100	166	4.554	4.714	-0.160
100	182	4.634	4.664	-0.030
100	187	4.523	4.704	-0.180
Max		4.684	4.734	-0.020
Average		4.592	4.655	-0.063
Min		4.503	4.554	-0.180
Std Dev		0.047	0.050	0.041



102.1 UVLO Falling *target=4		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Max Limit	6.22	V
Min Limit	3.26	V

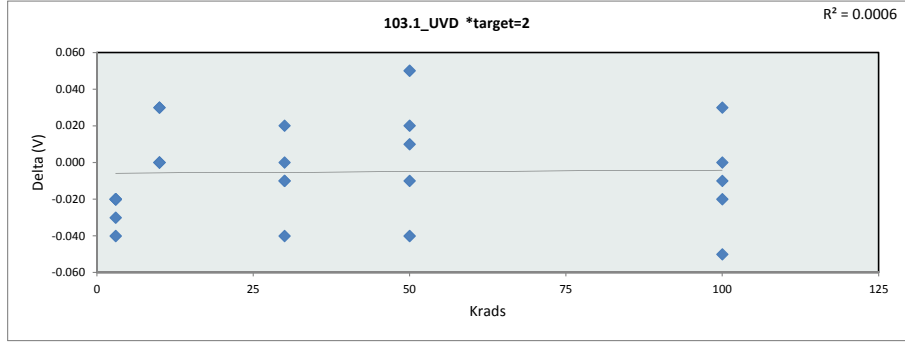
	3	10	30	50	100
LL	3.260	3.260	3.260	3.260	3.260
Min	4.554	4.654	4.554	4.584	4.664
Average	4.620	4.684	4.648	4.640	4.686
Max	4.714	4.734	4.674	4.704	4.714
UL	6.220	6.220	6.220	6.220	6.220



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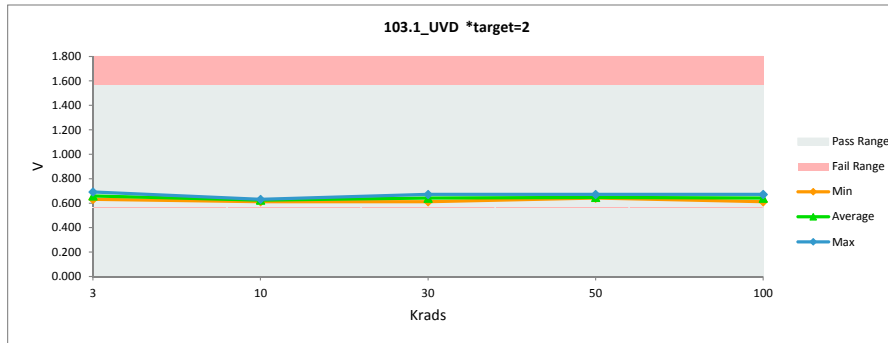
103.1 UVD *target=2		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	1.56	1.56
Min Limit	0	0

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.601	0.631	-0.030
3	104	0.621	0.661	-0.040
3	110	0.641	0.661	-0.020
3	119	0.672	0.692	-0.020
3	120	0.631	0.651	-0.020
10	55	0.631	0.631	0.000
10	60	0.651	0.621	0.030
10	64	0.641	0.611	0.030
10	83	0.631	0.631	0.000
10	88	0.631	0.631	0.000
30	124	0.611	0.611	0.000
30	126	0.661	0.641	0.020
30	132	0.641	0.651	-0.010
30	145	0.621	0.631	-0.010
30	147	0.631	0.672	-0.040
50	141	0.692	0.641	0.050
50	143	0.651	0.641	0.010
50	154	0.661	0.641	0.020
50	156	0.631	0.672	-0.040
50	157	0.631	0.641	-0.010
100	164	0.641	0.611	0.030
100	165	0.581	0.631	-0.050
100	166	0.641	0.651	-0.010
100	182	0.621	0.641	-0.020
100	187	0.672	0.672	0.000
Max		0.692	0.692	0.050
Average		0.638	0.643	-0.005
Min		0.581	0.611	-0.050
Std Dev		0.023	0.020	0.026



103.1 UVD *target=2		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	1.56	V
Min Limit	0	V

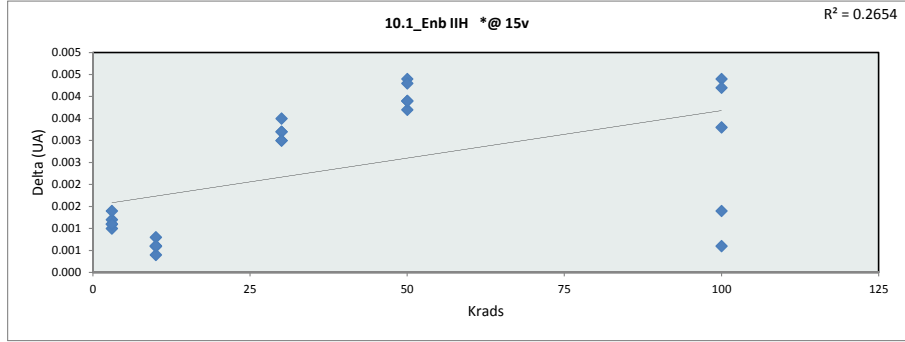
Krads	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000
Min	0.631	0.611	0.611	0.641	0.611
Average	0.659	0.625	0.641	0.647	0.641
Max	0.692	0.631	0.672	0.672	0.672
UL	1.560	1.560	1.560	1.560	1.560



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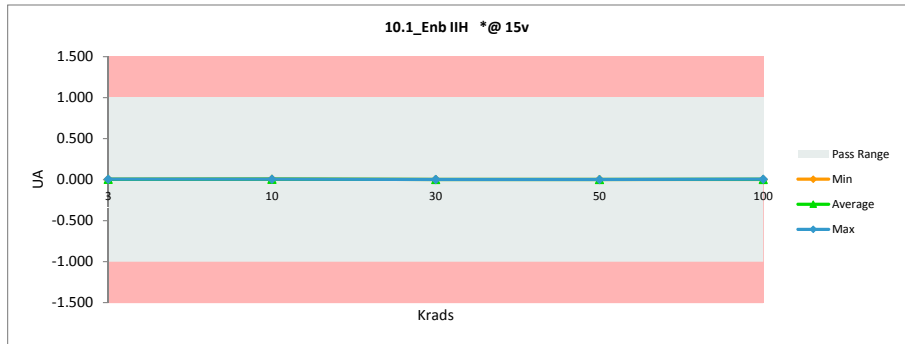
10.1_Enb IIH *@ 15v		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	UA	UA
Max Limit	1	1
Min Limit	-1	-1

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.006	0.005	0.001
3	104	0.006	0.005	0.001
3	110	0.006	0.005	0.001
3	119	0.006	0.005	0.001
3	120	0.006	0.004	0.001
10	55	0.006	0.005	0.001
10	60	0.006	0.005	0.001
10	64	0.006	0.005	0.001
10	83	0.005	0.005	0.000
10	88	0.006	0.005	0.001
30	124	0.006	0.003	0.003
30	126	0.006	0.003	0.003
30	132	0.006	0.002	0.004
30	145	0.005	0.002	0.003
30	147	0.005	0.002	0.003
50	141	0.006	0.001	0.004
50	143	0.006	0.002	0.004
50	154	0.005	0.002	0.004
50	156	0.006	0.002	0.004
50	157	0.005	0.002	0.004
100	164	0.006	0.003	0.003
100	165	0.006	0.005	0.001
100	166	0.006	0.004	0.001
100	182	0.006	0.002	0.004
100	187	0.006	0.002	0.004
Max		0.006	0.005	0.004
Average		0.006	0.003	0.002
Min		0.005	0.001	0.000
Std Dev		0.000	0.002	0.001



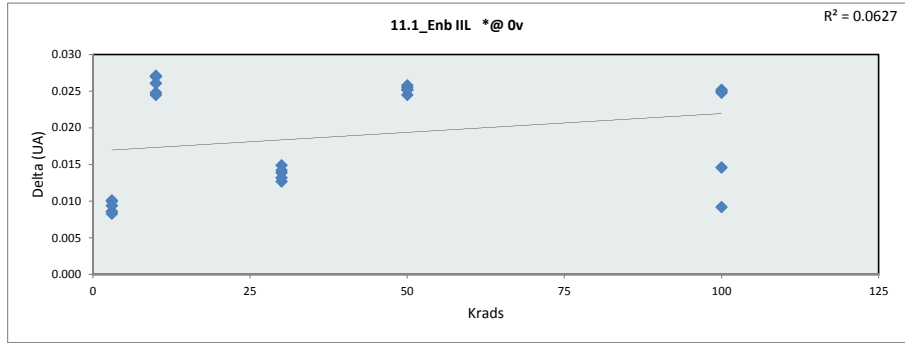
10.1_Enb IIH *@ 15v		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	1	UA
Min Limit	-1	UA

	3	10	30	50	100
LL	-1.000	-1.000	-1.000	-1.000	-1.000
Min	0.004	0.005	0.002	0.001	0.002
Average	0.005	0.005	0.002	0.002	0.003
Max	0.005	0.005	0.003	0.002	0.005
UL	1.000	1.000	1.000	1.000	1.000

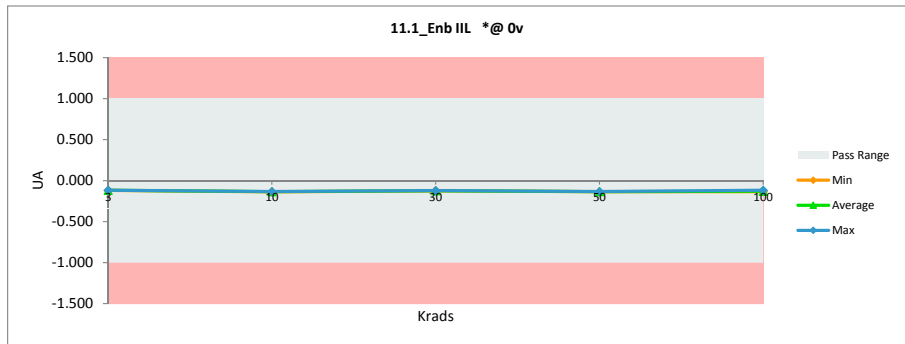


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11.1_Enb IIL *@ 0v				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	UA		UA	
Max Limit	1		1	
Min Limit	-1		-1	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	-0.109	-0.119	0.010
3	104	-0.108	-0.118	0.010
3	110	-0.109	-0.118	0.009
3	119	-0.109	-0.117	0.008
3	120	-0.108	-0.118	0.009
10	55	-0.109	-0.137	0.027
10	60	-0.109	-0.136	0.027
10	64	-0.109	-0.135	0.026
10	83	-0.109	-0.134	0.025
10	88	-0.109	-0.134	0.025
30	124	-0.109	-0.123	0.014
30	126	-0.109	-0.124	0.015
30	132	-0.109	-0.122	0.013
30	145	-0.109	-0.123	0.014
30	147	-0.109	-0.122	0.013
50	141	-0.109	-0.134	0.025
50	143	-0.109	-0.134	0.026
50	154	-0.108	-0.134	0.026
50	156	-0.109	-0.133	0.025
50	157	-0.108	-0.134	0.025
100	164	-0.108	-0.123	0.015
100	165	-0.109	-0.134	0.025
100	166	-0.109	-0.118	0.009
100	182	-0.109	-0.134	0.025
100	187	-0.108	-0.133	0.025
Max		-0.108	-0.117	0.027
Average		-0.109	-0.128	0.019
Min		-0.109	-0.137	0.008
Std Dev		0.000	0.007	0.007

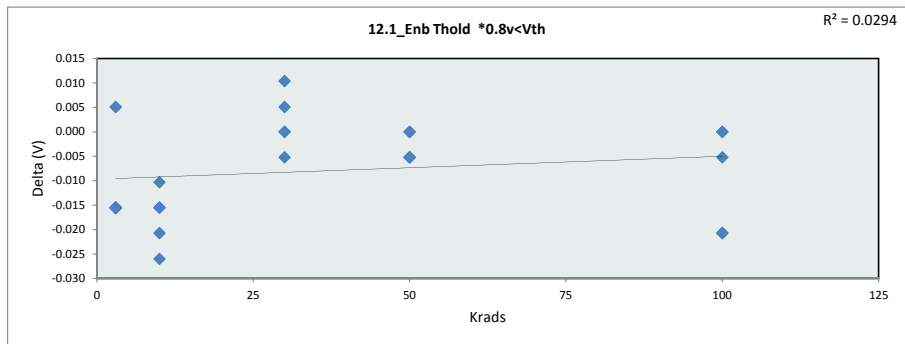


11.1_Enb IIL *@ 0v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1	UA			
Min Limit	-1	UA			
Krads	3	10	30	50	100
LL	-1.000	-1.000	-1.000	-1.000	-1.000
Min	-0.119	-0.137	-0.124	-0.134	-0.134
Average	-0.118	-0.135	-0.123	-0.134	-0.128
Max	-0.117	-0.134	-0.122	-0.133	-0.118
UL	1.000	1.000	1.000	1.000	1.000

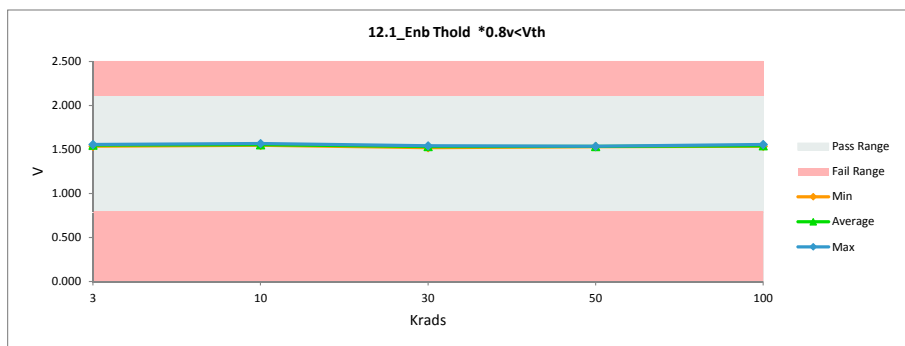


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12.1_Enb Thold *0.8v<Vth				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	V		V	
Max Limit	2.1		2.1	
Min Limit	0.8		0.8	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	1.536	1.552	-0.016
3	104	1.542	1.536	0.005
3	110	1.536	1.552	-0.016
3	119	1.536	1.552	-0.016
3	120	1.542	1.557	-0.016
10	55	1.542	1.568	-0.026
10	60	1.536	1.547	-0.010
10	64	1.536	1.552	-0.016
10	83	1.536	1.557	-0.021
10	88	1.531	1.547	-0.016
30	124	1.531	1.536	-0.005
30	126	1.531	1.521	0.010
30	132	1.542	1.536	0.005
30	145	1.531	1.531	0.000
30	147	1.542	1.542	0.000
50	141	1.536	1.536	0.000
50	143	1.526	1.531	-0.005
50	154	1.531	1.531	0.000
50	156	1.531	1.536	-0.005
50	157	1.531	1.536	-0.005
100	164	1.536	1.536	0.000
100	165	1.526	1.547	-0.021
100	166	1.536	1.557	-0.021
100	182	1.536	1.536	0.000
100	187	1.531	1.536	-0.005
Max		1.542	1.568	0.010
Average		1.535	1.543	-0.008
Min		1.526	1.521	-0.026
Std Dev		0.005	0.011	0.010

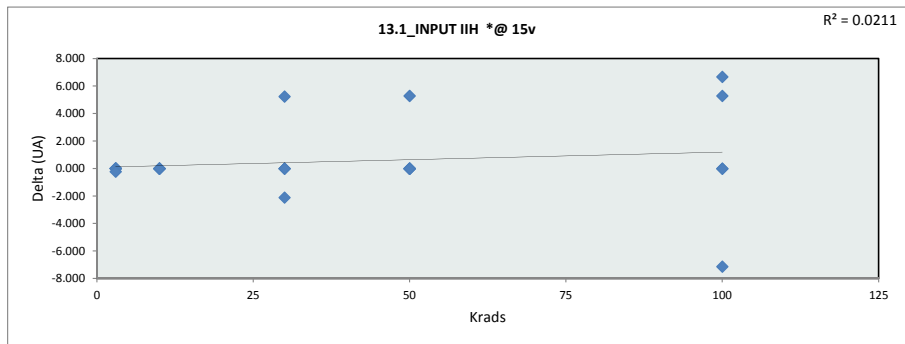


12.1_Enb Thold *0.8v<Vth					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	2.1		V		
Min Limit	0.8		V		
Krads	3	10	30	50	100
LL	0.800	0.800	0.800	0.800	0.800
Min	1.537	1.547	1.521	1.531	1.537
Average	1.550	1.554	1.533	1.534	1.543
Max	1.557	1.568	1.542	1.537	1.557
UL	2.100	2.100	2.100	2.100	2.100

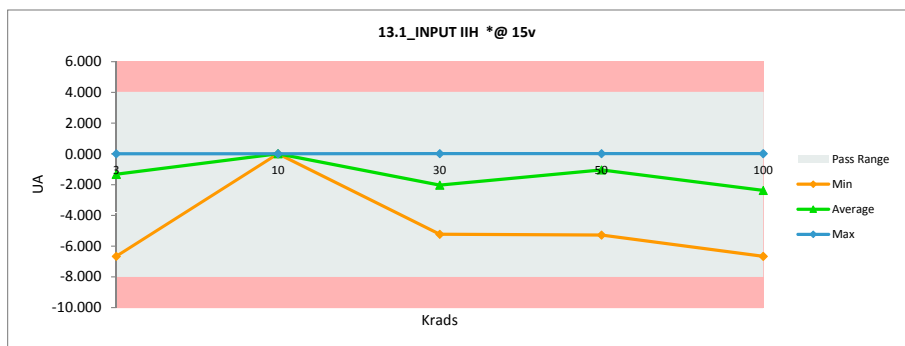


### TID 50-krad(Si) LDR Report UC1715-SP

13.1_INPUT IIH *@ 15v				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	UA	UA		
Max Limit	4	4		
Min Limit	-8	-8		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.008	0.006	0.002
3	104	0.008	0.007	0.002
3	110	0.009	0.007	0.002
3	119	0.008	0.006	0.002
3	120	-6.888	-6.659	-0.229
10	55	0.007	0.013	-0.005
10	60	0.009	0.012	-0.004
10	64	0.008	0.012	-0.004
10	83	0.007	0.013	-0.005
10	88	0.008	0.011	-0.003
30	124	0.008	0.019	-0.011
30	126	0.008	0.013	-0.005
30	132	-7.090	-4.977	-2.113
30	145	0.008	0.016	-0.008
30	147	0.008	-5.229	5.237
50	141	0.007	0.016	-0.009
50	143	0.008	0.011	-0.003
50	154	0.007	0.015	-0.008
50	156	0.009	-5.275	5.283
50	157	0.009	0.022	-0.013
100	164	0.008	0.019	-0.010
100	165	-7.128	0.011	-7.139
100	166	0.008	-6.659	6.667
100	182	0.008	0.022	-0.014
100	187	0.008	-5.275	5.283
Max		0.009	0.022	6.667
Average		-0.837	-1.353	0.516
Min		-7.128	-6.659	-7.139
Std Dev		2.336	2.506	2.712



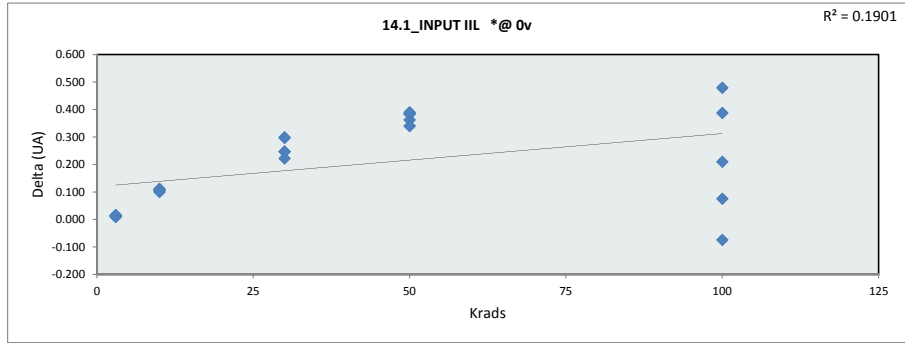
13.1_INPUT IIH *@ 15v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	4	UA			
Min Limit	-8	UA			
Krads	3	10	30	50	100
LL	-8.000	-8.000	-8.000	-8.000	-8.000
Min	-6.659	0.011	-5.229	-5.275	-6.659
Average	-1.327	0.012	-2.032	-1.042	-2.376
Max	0.007	0.013	0.019	0.022	0.022
UL	4.000	4.000	4.000	4.000	4.000



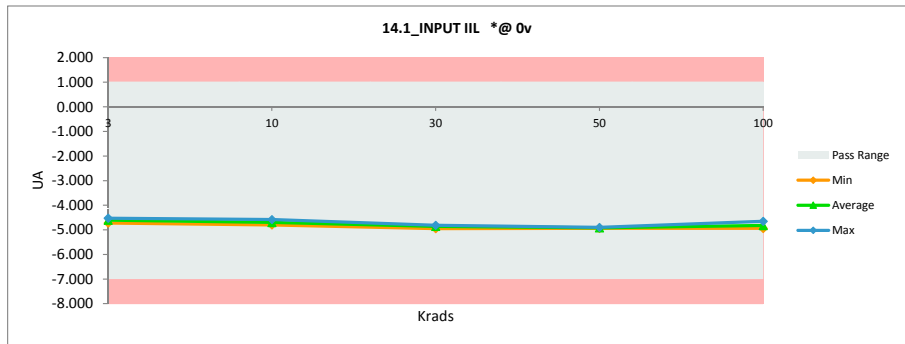


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14.1_INPUT IIL *@ 0v				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	UA	UA		
Max Limit	1	1		
Min Limit	-7	-7		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	-4.511	-4.526	0.014
3	104	-4.653	-4.666	0.013
3	110	-4.565	-4.574	0.010
3	119	-4.535	-4.547	0.012
3	120	-4.708	-4.724	0.016
10	55	-4.653	-4.760	0.107
10	60	-4.481	-4.581	0.100
10	64	-4.592	-4.703	0.111
10	83	-4.690	-4.801	0.110
10	88	-4.546	-4.651	0.105
30	124	-4.569	-4.866	0.297
30	126	-4.544	-4.843	0.299
30	132	-4.701	-4.948	0.247
30	145	-4.567	-4.814	0.247
30	147	-4.611	-4.833	0.222
50	141	-4.535	-4.898	0.363
50	143	-4.524	-4.909	0.385
50	154	-4.533	-4.917	0.384
50	156	-4.601	-4.941	0.340
50	157	-4.545	-4.935	0.390
100	164	-4.656	-4.866	0.210
100	165	-4.725	-4.651	-0.074
100	166	-4.649	-4.724	0.076
100	182	-4.456	-4.935	0.479
100	187	-4.553	-4.941	0.388
Max		-4.456	-4.526	0.479
Average		-4.588	-4.782	0.194
Min		-4.725	-4.948	-0.074
Std Dev		0.073	0.138	0.158

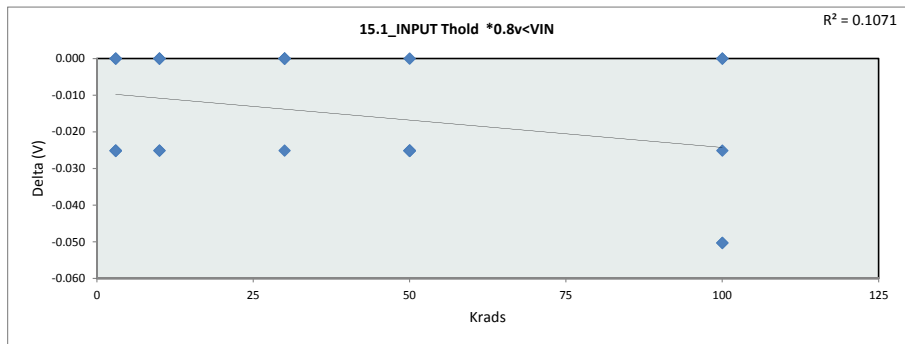


14.1_INPUT IIL *@ 0v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1	UA			
Min Limit	-7	UA			
Krads	3	10	30	50	100
LL	-7.000	-7.000	-7.000	-7.000	-7.000
Min	-4.724	-4.801	-4.948	-4.941	-4.941
Average	-4.607	-4.699	-4.861	-4.920	-4.823
Max	-4.526	-4.581	-4.814	-4.898	-4.651
UL	1.000	1.000	1.000	1.000	1.000

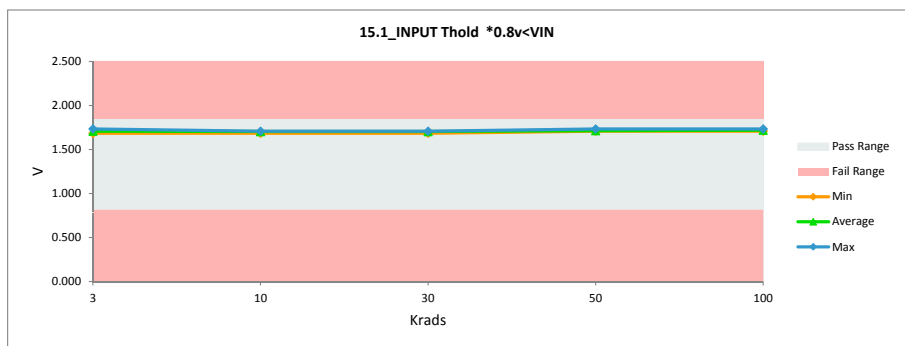


### TID 50-krad(Si) LDR Report UC1715-SP

		15.1 INPUT Thold *0.8v<VIN		
Test Site		Dallas, Tx	Dallas, Tx	
Tester		ETS364-06	ETS364-06	
Test Number		E9482201	E9482201	
Unit		V	V	
Max Limit		1.84	1.84	
Min Limit		0.815	0.815	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	1.709	1.709	0.000
3	104	1.683	1.709	-0.025
3	110	1.683	1.683	0.000
3	119	1.683	1.709	-0.025
3	120	1.709	1.734	-0.025
10	55	1.683	1.709	-0.025
10	60	1.683	1.683	0.000
10	64	1.709	1.709	0.000
10	83	1.709	1.709	0.000
10	88	1.683	1.709	-0.025
30	124	1.683	1.709	-0.025
30	126	1.683	1.683	0.000
30	132	1.709	1.709	0.000
30	145	1.709	1.709	0.000
30	147	1.709	1.709	0.000
50	141	1.683	1.709	-0.025
50	143	1.683	1.709	-0.025
50	154	1.683	1.709	-0.025
50	156	1.709	1.734	-0.025
50	157	1.709	1.709	0.000
100	164	1.709	1.709	0.000
100	165	1.709	1.709	0.000
100	166	1.683	1.734	-0.050
100	182	1.683	1.709	-0.025
100	187	1.683	1.734	-0.050
Max		1.709	1.734	0.000
Average		1.694	1.710	-0.015
Min		1.683	1.683	-0.050
Std Dev		0.013	0.014	0.016

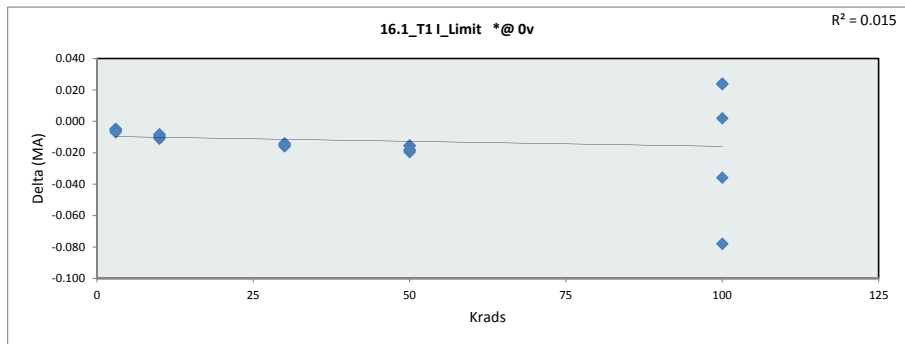


		15.1 INPUT Thold *0.8v<VIN				
Test Site		Dallas, Tx				
Tester		ETS364-06				
Test Number		E9482201				
Max Limit		1.84	V			
Min Limit		0.815	V			
Krads		3	10	30	50	100
LL		0.815	0.815	0.815	0.815	0.815
Min		1.683	1.683	1.683	1.709	1.709
Average		1.709	1.703	1.703	1.714	1.719
Max		1.734	1.709	1.709	1.734	1.734
UL		1.840	1.840	1.840	1.840	1.840

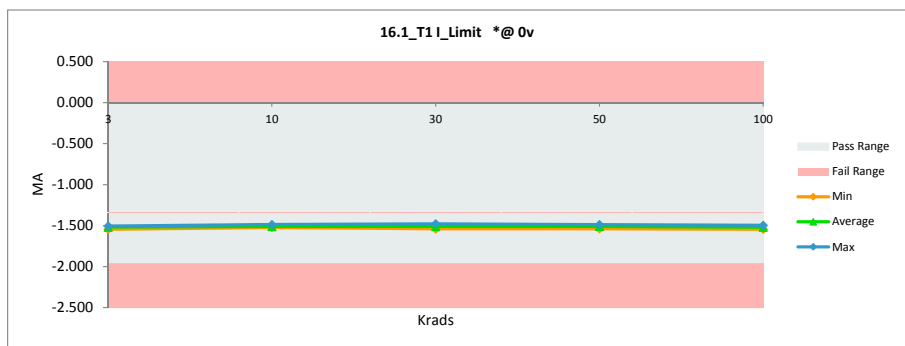


### TID 50-krad(Si) LDR Report UC1715-SP

		16.1 T1 I Limit *@ 0v		
Test Site		Dallas, Tx	Dallas, Tx	
Tester		ETS364-06	ETS364-06	
Test Number		E9482201	E9482201	
Unit		MA	MA	
Max Limit		-0.01	-0.01	
Min Limit		-1.95	-1.95	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	-1.516	-1.511	-0.005
3	104	-1.526	-1.521	-0.005
3	110	-1.511	-1.506	-0.005
3	119	-1.512	-1.506	-0.006
3	120	-1.551	-1.544	-0.007
10	55	-1.529	-1.520	-0.010
10	60	-1.497	-1.486	-0.011
10	64	-1.530	-1.519	-0.010
10	83	-1.531	-1.522	-0.009
10	88	-1.505	-1.497	-0.008
30	124	-1.510	-1.496	-0.014
30	126	-1.494	-1.478	-0.016
30	132	-1.553	-1.539	-0.014
30	145	-1.532	-1.517	-0.015
30	147	-1.535	-1.519	-0.015
50	141	-1.516	-1.500	-0.016
50	143	-1.516	-1.500	-0.015
50	154	-1.505	-1.487	-0.018
50	156	-1.558	-1.538	-0.020
50	157	-1.534	-1.515	-0.018
100	164	-1.531	-1.496	-0.036
100	165	-1.574	-1.497	-0.078
100	166	-1.542	-1.544	0.002
100	182	-1.492	-1.515	0.024
100	187	-1.514	-1.538	0.024
Max		-1.492	-1.478	0.024
Average		-1.524	-1.512	-0.012
Min		-1.574	-1.544	-0.078
Std Dev		0.021	0.019	0.018

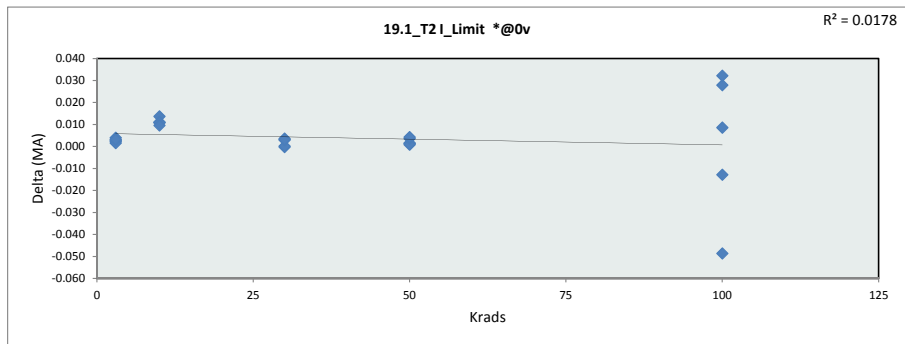


		16.1 T1 I Limit *@ 0v				
Test Site		Dallas, Tx				
Tester		ETS364-06				
Test Number		E9482201				
Max Limit		-0.01	MA			
Min Limit		-1.95	MA			
Krads		3	10	30	50	100
LL		-1.950	-1.950	-1.950	-1.950	-1.950
Min		-1.544	-1.522	-1.539	-1.538	-1.544
Average		-1.518	-1.509	-1.510	-1.508	-1.518
Max		-1.506	-1.486	-1.478	-1.487	-1.496
UL		-0.010	-0.010	-0.010	-0.010	-0.010

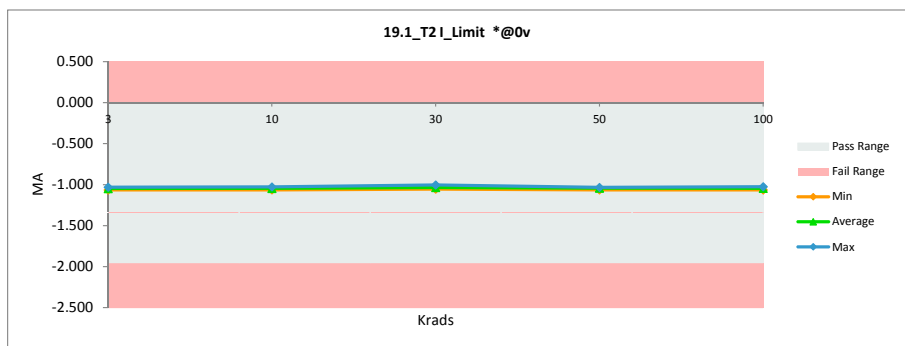


# TID 50-krad(Si) LDR Report UC1715-SP

19.1 T2 I Limit *@0v				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	MA		MA	
Max Limit	-0.01		-0.01	
Min Limit	-1.95		-1.95	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	-1.028	-1.031	0.004
3	104	-1.048	-1.051	0.003
3	110	-1.054	-1.056	0.002
3	119	-1.033	-1.035	0.002
3	120	-1.062	-1.065	0.003
10	55	-1.050	-1.064	0.014
10	60	-1.029	-1.040	0.011
10	64	-1.039	-1.051	0.011
10	83	-1.035	-1.046	0.011
10	88	-1.018	-1.027	0.010
30	124	-1.025	-1.025	0.000
30	126	-1.000	-1.004	0.004
30	132	-1.054	-1.054	0.000
30	145	-1.038	-1.041	0.003
30	147	-1.050	-1.053	0.003
50	141	-1.036	-1.037	0.001
50	143	-1.035	-1.036	0.001
50	154	-1.032	-1.033	0.001
50	156	-1.060	-1.064	0.004
50	157	-1.038	-1.042	0.004
100	164	-1.038	-1.025	-0.013
100	165	-1.076	-1.027	-0.049
100	166	-1.056	-1.065	0.009
100	182	-1.014	-1.042	0.028
100	187	-1.031	-1.064	0.032
Max		-1.000	-1.004	0.032
Average		-1.039	-1.043	0.004
Min		-1.076	-1.065	-0.049
Std Dev		0.017	0.016	0.014



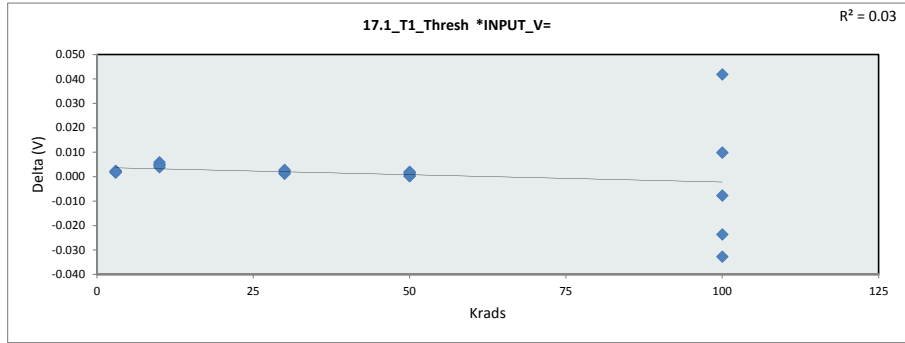
19.1 T2 I Limit *@0v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	-0.01		MA		
Min Limit	-1.95		MA		
Krads	3	10	30	50	100
LL	-1.950	-1.950	-1.950	-1.950	-1.950
Min	-1.065	-1.064	-1.055	-1.064	-1.065
Average	-1.048	-1.046	-1.035	-1.042	-1.045
Max	-1.032	-1.027	-1.004	-1.033	-1.025
UL	-0.010	-0.010	-0.010	-0.010	-0.010



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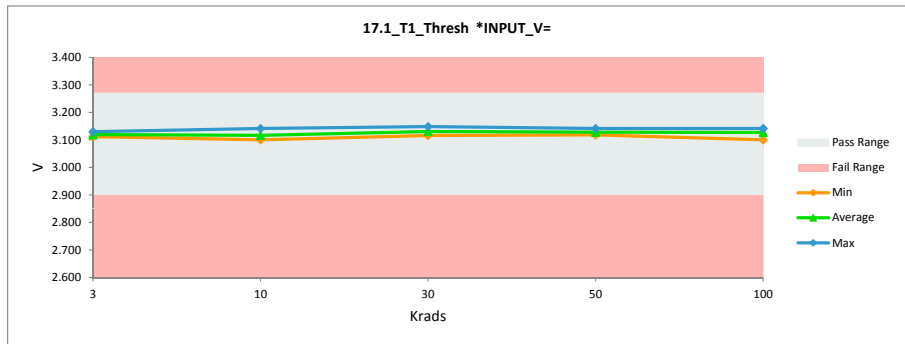
17.1 T1 Thresh *INPUT_V=		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	3.27	3.27
Min Limit	2.9	2.9

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	3.120	3.118	0.002
3	104	3.114	3.112	0.002
3	110	3.116	3.115	0.002
3	119	3.125	3.123	0.002
3	120	3.132	3.130	0.002
10	55	3.116	3.110	0.006
10	60	3.108	3.103	0.005
10	64	3.147	3.142	0.005
10	83	3.133	3.129	0.005
10	88	3.104	3.101	0.004
30	124	3.129	3.128	0.001
30	126	3.118	3.116	0.002
30	132	3.141	3.139	0.001
30	145	3.151	3.149	0.003
30	147	3.125	3.122	0.003
50	141	3.123	3.122	0.001
50	143	3.125	3.125	0.000
50	154	3.119	3.118	0.000
50	156	3.144	3.142	0.002
50	157	3.138	3.137	0.002
100	164	3.120	3.128	-0.008
100	165	3.142	3.101	0.042
100	166	3.140	3.130	0.010
100	182	3.104	3.137	-0.033
100	187	3.118	3.142	-0.024
Max		3.151	3.149	0.042
Average		3.126	3.125	0.001
Min		3.104	3.101	-0.033
Std Dev		0.013	0.014	0.012



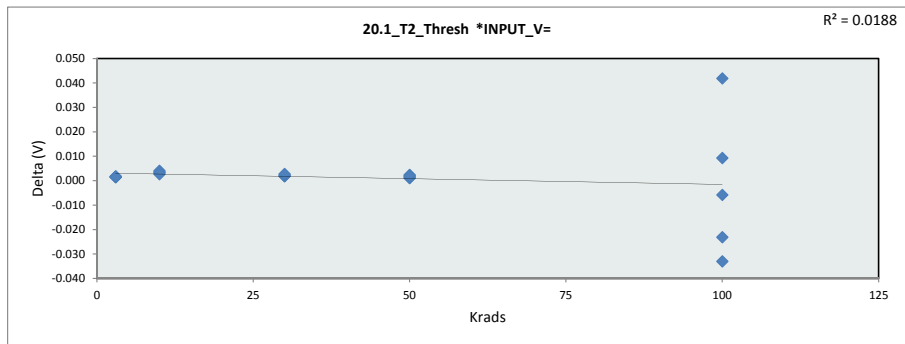
17.1 T1 Thresh *INPUT_V=		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	3.27	V
Min Limit	2.9	V

	3	10	30	50	100
LL	2.900	2.900	2.900	2.900	2.900
Min	3.112	3.101	3.116	3.118	3.101
Average	3.119	3.117	3.131	3.129	3.127
Max	3.130	3.142	3.149	3.142	3.142
UL	3.270	3.270	3.270	3.270	3.270

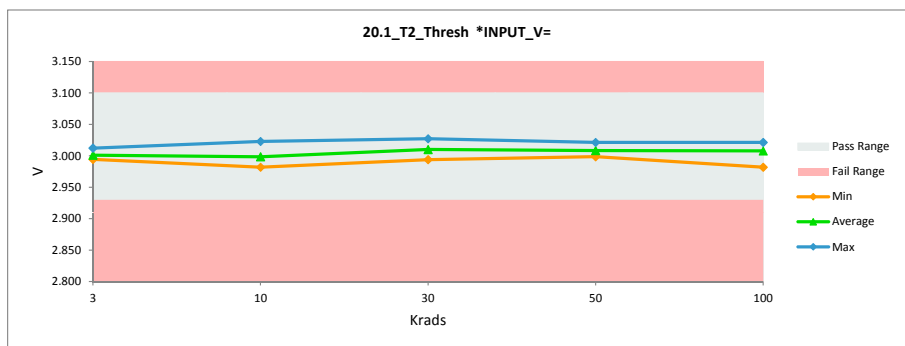


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		20.1 T2 Thresh *INPUT_V=		
Test Site		Dallas, Tx	Dallas, Tx	
Tester		ETS364-06	ETS364-06	
Test Number		E9482201	E9482201	
Unit		V	V	
Max Limit		3.1	3.1	
Min Limit		2.93	2.93	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	3.000	2.999	0.002
3	104	2.996	2.994	0.002
3	110	2.998	2.997	0.002
3	119	3.005	3.003	0.001
3	120	3.014	3.012	0.002
10	55	2.997	2.993	0.004
10	60	2.988	2.984	0.003
10	64	3.026	3.023	0.004
10	83	3.013	3.010	0.003
10	88	2.984	2.982	0.003
30	124	3.009	3.007	0.002
30	126	2.996	2.994	0.002
30	132	3.022	3.020	0.002
30	145	3.030	3.027	0.002
30	147	3.005	3.002	0.003
50	141	3.003	3.001	0.002
50	143	3.005	3.003	0.001
50	154	3.000	2.999	0.001
50	156	3.024	3.021	0.002
50	157	3.018	3.016	0.002
100	164	3.001	3.007	-0.006
100	165	3.024	2.982	0.042
100	166	3.022	3.012	0.009
100	182	2.984	3.016	-0.033
100	187	2.998	3.021	-0.023
Max		3.030	3.027	0.042
Average		3.006	3.005	0.001
Min		2.984	2.982	-0.033
Std Dev		0.013	0.013	0.012

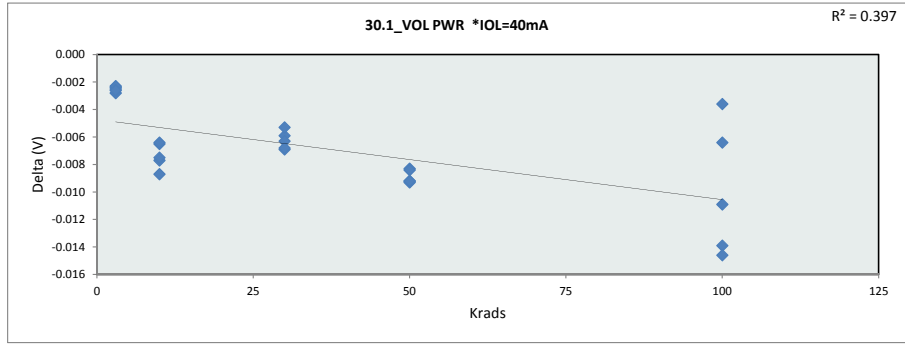


		20.1 T2 Thresh *INPUT_V=						
Test Site		Dallas, Tx						
Tester		ETS364-06						
Test Number		E9482201						
Max Limit		3.1	V					
Min Limit		2.93	V					
Krads	3	10	30	50	100			
LL	2.930	2.930	2.930	2.930	2.930			
Min	2.994	2.982	2.994	2.999	2.982			
Average	3.001	2.998	3.010	3.008	3.008			
Max	3.012	3.023	3.027	3.021	3.021			
UL	3.100	3.100	3.100	3.100	3.100			

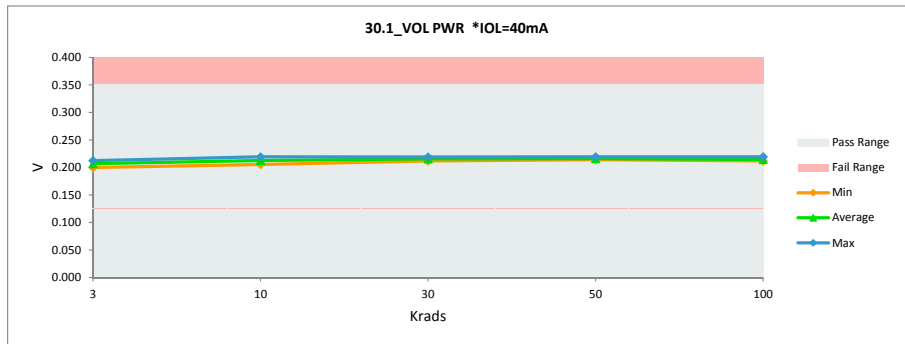


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30.1 VOL PWR *IOL=40mA				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	0.35	0.35		
Min Limit	0	0		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.203	0.205	-0.003
3	104	0.198	0.200	-0.002
3	110	0.206	0.208	-0.003
3	119	0.206	0.209	-0.002
3	120	0.210	0.213	-0.003
10	55	0.205	0.214	-0.009
10	60	0.212	0.219	-0.008
10	64	0.206	0.213	-0.008
10	83	0.199	0.206	-0.006
10	88	0.205	0.212	-0.006
30	124	0.208	0.214	-0.006
30	126	0.212	0.219	-0.007
30	132	0.206	0.212	-0.005
30	145	0.209	0.215	-0.006
30	147	0.211	0.218	-0.007
50	141	0.208	0.218	-0.009
50	143	0.207	0.215	-0.008
50	154	0.206	0.214	-0.008
50	156	0.210	0.220	-0.009
50	157	0.205	0.214	-0.009
100	164	0.208	0.214	-0.006
100	165	0.198	0.212	-0.014
100	166	0.202	0.213	-0.011
100	182	0.211	0.214	-0.004
100	187	0.205	0.220	-0.015
Max		0.212	0.220	-0.002
Average		0.206	0.213	-0.007
Min		0.198	0.200	-0.015
Std Dev		0.004	0.005	0.003

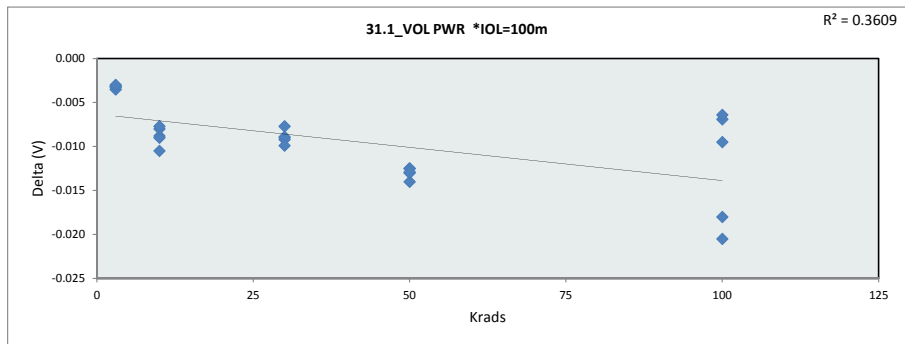


30.1 VOL PWR *IOL=40mA					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	0.35	V			
Min Limit	0	V			
Krads	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000
Min	0.200	0.206	0.212	0.214	0.212
Average	0.207	0.213	0.216	0.216	0.214
Max	0.213	0.219	0.219	0.220	0.220
UL	0.350	0.350	0.350	0.350	0.350

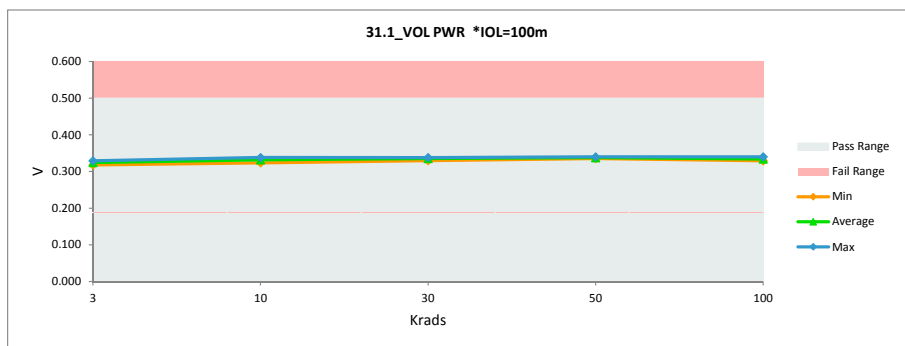


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31.1 VOL PWR *IOL=100m				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	0.5	0.5		
Min Limit	0	0		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.318	0.322	-0.004
3	104	0.315	0.318	-0.003
3	110	0.323	0.326	-0.003
3	119	0.324	0.327	-0.003
3	120	0.326	0.329	-0.003
10	55	0.323	0.333	-0.011
10	60	0.329	0.338	-0.009
10	64	0.324	0.333	-0.009
10	83	0.315	0.324	-0.008
10	88	0.323	0.331	-0.008
30	124	0.326	0.335	-0.009
30	126	0.329	0.338	-0.009
30	132	0.322	0.330	-0.008
30	145	0.327	0.336	-0.009
30	147	0.328	0.338	-0.010
50	141	0.326	0.340	-0.014
50	143	0.324	0.337	-0.013
50	154	0.324	0.336	-0.013
50	156	0.327	0.340	-0.013
50	157	0.322	0.335	-0.013
100	164	0.328	0.335	-0.007
100	165	0.310	0.331	-0.021
100	166	0.320	0.329	-0.010
100	182	0.329	0.335	-0.006
100	187	0.322	0.340	-0.018
<b>Max</b>		0.329	0.340	-0.003
<b>Average</b>		0.323	0.333	-0.009
<b>Min</b>		0.310	0.318	-0.021
<b>Std Dev</b>		0.005	0.006	0.004



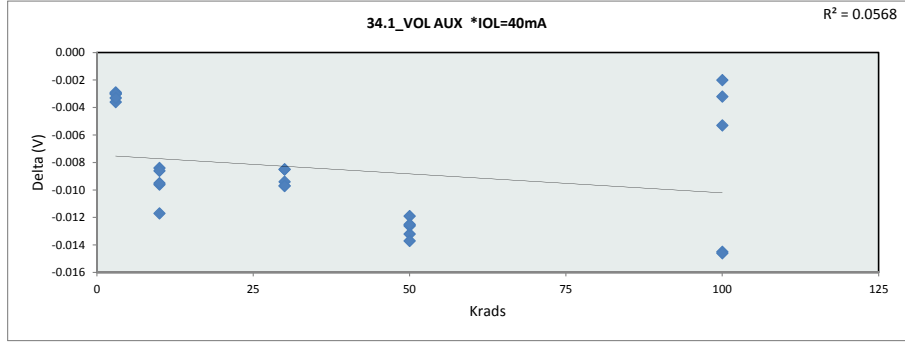
31.1 VOL PWR *IOL=100m					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	0.5	V			
Min Limit	0	V			
Krads	3	10	30	50	100
LL	0.000	0.000	0.000	0.000	0.000
Min	0.318	0.324	0.330	0.335	0.329
Average	0.324	0.332	0.335	0.338	0.334
Max	0.329	0.338	0.338	0.340	0.340
UL	0.500	0.500	0.500	0.500	0.500



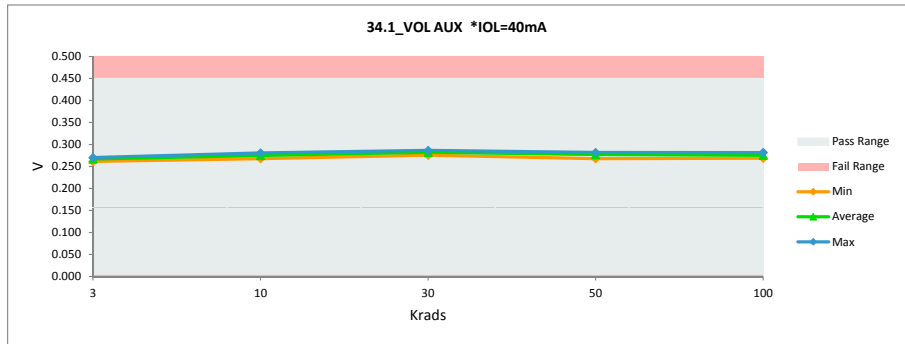


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34.1 VOL AUX *IOL=40mA				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	0.45	0.45		
Min Limit	0.0037	0.0037		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.264	0.267	-0.004
3	104	0.258	0.261	-0.003
3	110	0.267	0.270	-0.003
3	119	0.264	0.267	-0.003
3	120	0.266	0.269	-0.003
10	55	0.266	0.277	-0.012
10	60	0.271	0.281	-0.010
10	64	0.262	0.272	-0.009
10	83	0.259	0.268	-0.008
10	88	0.269	0.278	-0.009
30	124	0.267	0.276	-0.008
30	126	0.276	0.286	-0.010
30	132	0.273	0.281	-0.009
30	145	0.273	0.282	-0.009
30	147	0.277	0.287	-0.010
50	141	0.269	0.282	-0.013
50	143	0.268	0.280	-0.013
50	154	0.256	0.268	-0.012
50	156	0.261	0.274	-0.013
50	157	0.268	0.282	-0.014
100	164	0.261	0.276	-0.014
100	165	0.275	0.278	-0.002
100	166	0.264	0.269	-0.005
100	182	0.267	0.282	-0.015
100	187	0.270	0.274	-0.003
Max		0.277	0.287	-0.002
Average		0.267	0.275	-0.009
Min		0.256	0.261	-0.015
Std Dev		0.006	0.007	0.004

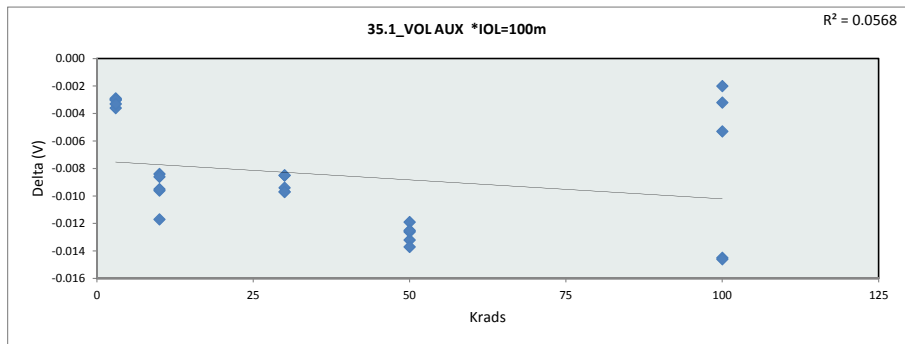


34.1 VOL AUX *IOL=40mA					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	0.45	V			
Min Limit	0.0037	V			
Krads	3	10	30	50	100
LL	0.004	0.004	0.004	0.004	0.004
Min	0.261	0.268	0.276	0.268	0.269
Average	0.267	0.275	0.282	0.277	0.275
Max	0.270	0.281	0.287	0.282	0.282
UL	0.450	0.450	0.450	0.450	0.450

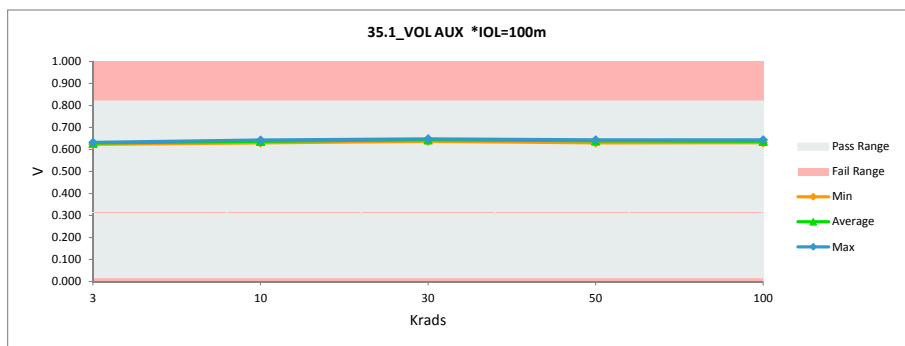


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35.1_VOL AUX *IOL=100m				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	0.82	0.82		
Min Limit	0.015	0.015		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.626	0.629	-0.004
3	104	0.620	0.623	-0.003
3	110	0.629	0.632	-0.003
3	119	0.626	0.629	-0.003
3	120	0.628	0.631	-0.003
10	55	0.628	0.639	-0.012
10	60	0.633	0.643	-0.010
10	64	0.624	0.634	-0.010
10	83	0.621	0.630	-0.008
10	88	0.631	0.640	-0.009
30	124	0.629	0.638	-0.008
30	126	0.638	0.648	-0.010
30	132	0.635	0.643	-0.009
30	145	0.635	0.644	-0.009
30	147	0.639	0.649	-0.010
50	141	0.631	0.644	-0.013
50	143	0.630	0.642	-0.013
50	154	0.618	0.630	-0.012
50	156	0.623	0.636	-0.012
50	157	0.630	0.644	-0.014
100	164	0.623	0.638	-0.015
100	165	0.637	0.640	-0.002
100	166	0.626	0.631	-0.005
100	182	0.629	0.644	-0.015
100	187	0.632	0.636	-0.003
Max		0.639	0.649	-0.002
Average		0.629	0.637	-0.009
Min		0.618	0.623	-0.015
Std Dev		0.006	0.007	0.004

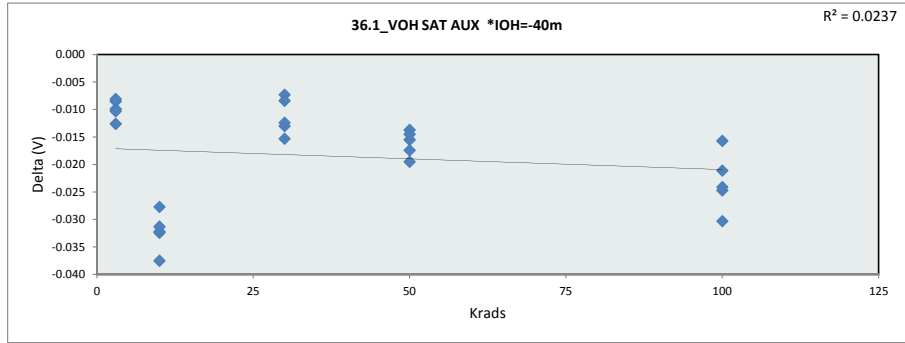


35.1_VOL AUX *IOL=100m					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	0.82	V			
Min Limit	0.015	V			
Krads	3	10	30	50	100
LL	0.015	0.015	0.015	0.015	0.015
Min	0.623	0.630	0.638	0.630	0.631
Average	0.629	0.637	0.644	0.639	0.637
Max	0.632	0.643	0.649	0.644	0.644
UL	0.820	0.820	0.820	0.820	0.820

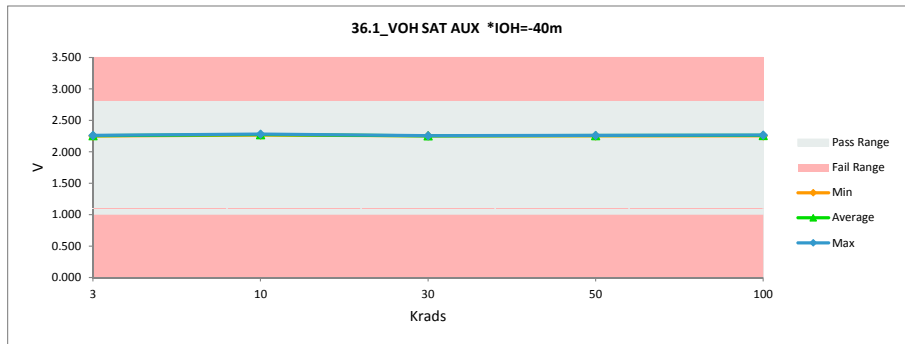


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36.1_VOH SAT AUX *IOH=-40m				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	V		V	
Max Limit	2.8		2.8	
Min Limit	1		1	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	2.245	2.257	-0.013
3	104	2.242	2.252	-0.010
3	110	2.246	2.254	-0.008
3	119	2.245	2.253	-0.008
3	120	2.250	2.260	-0.010
10	55	2.244	2.282	-0.038
10	60	2.241	2.273	-0.032
10	64	2.239	2.272	-0.032
10	83	2.240	2.271	-0.031
10	88	2.238	2.266	-0.028
30	124	2.247	2.254	-0.007
30	126	2.239	2.254	-0.015
30	132	2.246	2.255	-0.008
30	145	2.243	2.256	-0.013
30	147	2.240	2.253	-0.012
50	141	2.241	2.257	-0.015
50	143	2.239	2.252	-0.014
50	154	2.243	2.257	-0.014
50	156	2.243	2.260	-0.017
50	157	2.241	2.260	-0.020
100	164	2.239	2.254	-0.016
100	165	2.235	2.266	-0.030
100	166	2.235	2.260	-0.025
100	182	2.239	2.260	-0.021
100	187	2.236	2.260	-0.024
Max		2.250	2.282	-0.007
Average		2.241	2.260	-0.019
Min		2.235	2.252	-0.038
Std Dev		0.004	0.008	0.009



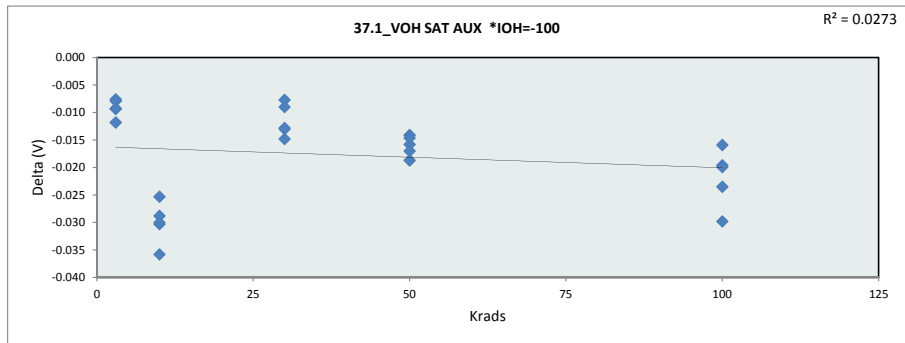
36.1_VOH SAT AUX *IOH=-40m					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	2.8		V		
Min Limit	1		V		
Krads	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000
Min	2.252	2.266	2.253	2.252	2.254
Average	2.255	2.273	2.255	2.257	2.260
Max	2.260	2.282	2.256	2.261	2.266
UL	2.800	2.800	2.800	2.800	2.800



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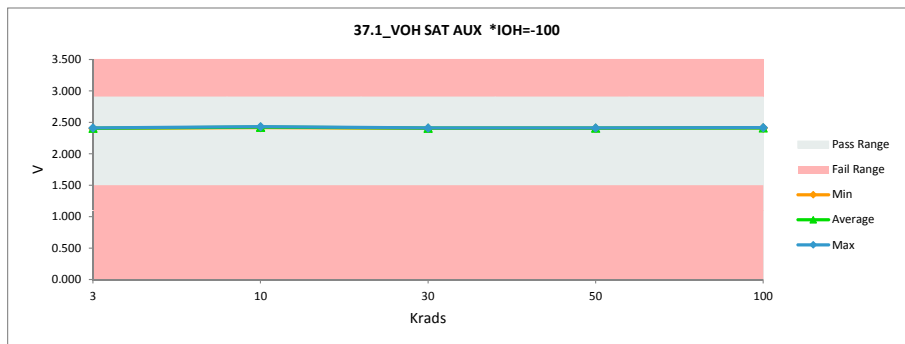
37.1_VOH SAT AUX *IOH=-100		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	2.9	2.9
Min Limit	1.5	1.5

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	2.395	2.406	-0.012
3	104	2.397	2.406	-0.009
3	110	2.398	2.405	-0.008
3	119	2.396	2.404	-0.008
3	120	2.401	2.410	-0.009
10	55	2.396	2.432	-0.036
10	60	2.391	2.421	-0.030
10	64	2.392	2.422	-0.030
10	83	2.393	2.422	-0.029
10	88	2.391	2.417	-0.025
30	124	2.402	2.410	-0.008
30	126	2.394	2.409	-0.015
30	132	2.398	2.407	-0.009
30	145	2.395	2.408	-0.013
30	147	2.390	2.403	-0.013
50	141	2.391	2.407	-0.016
50	143	2.390	2.405	-0.014
50	154	2.394	2.409	-0.015
50	156	2.393	2.410	-0.017
50	157	2.393	2.411	-0.019
100	164	2.394	2.410	-0.016
100	165	2.387	2.417	-0.030
100	166	2.391	2.410	-0.020
100	182	2.391	2.411	-0.020
100	187	2.386	2.410	-0.023
Max		2.402	2.432	-0.008
Average		2.394	2.411	-0.018
Min		2.386	2.403	-0.036
Std Dev		0.004	0.007	0.008



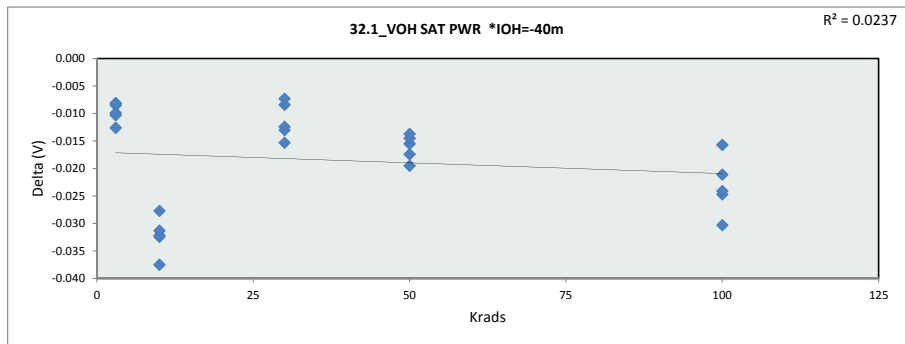
37.1_VOH SAT AUX *IOH=-100		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	2.9	V
Min Limit	1.5	V

	3	10	30	50	100
LL	1.500	1.500	1.500	1.500	1.500
Min	2.404	2.417	2.403	2.405	2.410
Average	2.406	2.423	2.407	2.408	2.412
Max	2.410	2.432	2.410	2.411	2.417
UL	2.900	2.900	2.900	2.900	2.900

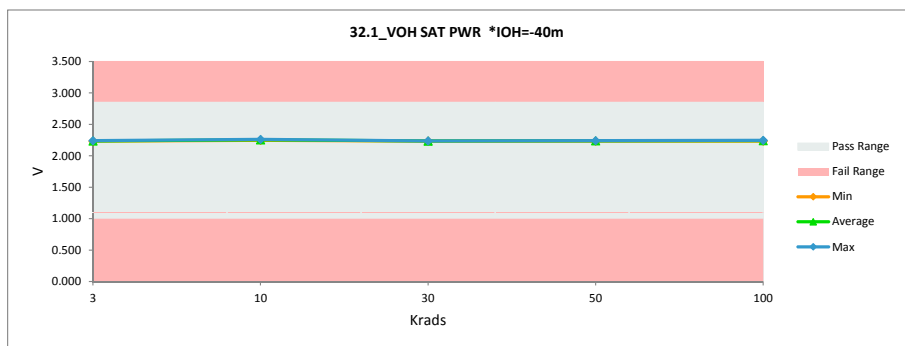


### TID 50-krad(Si) LDR Report UC1715-SP

32.1_VOH SAT PWR *IOH=-40m				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	V		V	
Max Limit	2.85		2.85	
Min Limit	1		1	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	2.225	2.237	-0.013
3	104	2.222	2.232	-0.010
3	110	2.226	2.234	-0.008
3	119	2.225	2.233	-0.008
3	120	2.230	2.240	-0.010
10	55	2.224	2.261	-0.037
10	60	2.221	2.253	-0.032
10	64	2.219	2.252	-0.032
10	83	2.220	2.251	-0.031
10	88	2.218	2.246	-0.028
30	124	2.227	2.234	-0.007
30	126	2.219	2.234	-0.015
30	132	2.226	2.235	-0.008
30	145	2.223	2.236	-0.013
30	147	2.220	2.233	-0.012
50	141	2.221	2.237	-0.016
50	143	2.219	2.232	-0.014
50	154	2.223	2.237	-0.014
50	156	2.223	2.240	-0.017
50	157	2.221	2.240	-0.020
100	164	2.218	2.234	-0.016
100	165	2.215	2.246	-0.030
100	166	2.215	2.240	-0.025
100	182	2.219	2.240	-0.021
100	187	2.216	2.240	-0.024
Max	2.230	2.261	-0.007	
Average	2.221	2.240	-0.019	
Min	2.215	2.232	-0.037	
Std Dev	0.004	0.008	0.009	



32.1_VOH SAT PWR *IOH=-40m					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	2.85		V		
Min Limit	1		V		
Krads	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000
Min	2.232	2.246	2.233	2.232	2.234
Average	2.235	2.253	2.235	2.237	2.240
Max	2.240	2.262	2.236	2.241	2.246
UL	2.850	2.850	2.850	2.850	2.850

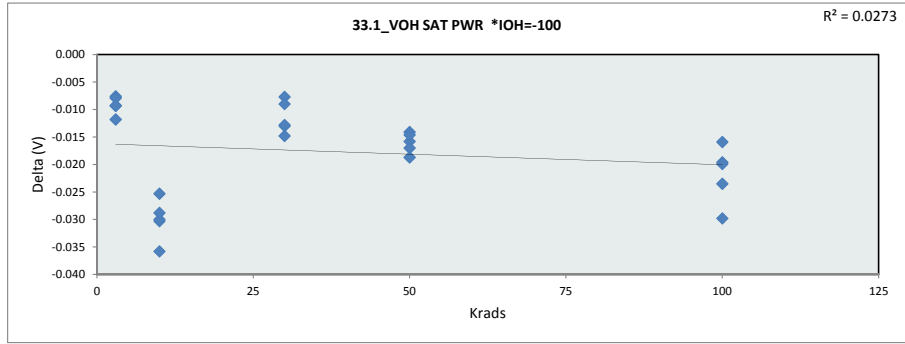


TID 50-krad(Si) LDR Report  
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**33.1\_VOH SAT PWR \*IOH=-100**

Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	2.87	2.87
Min Limit	1.5	1.5

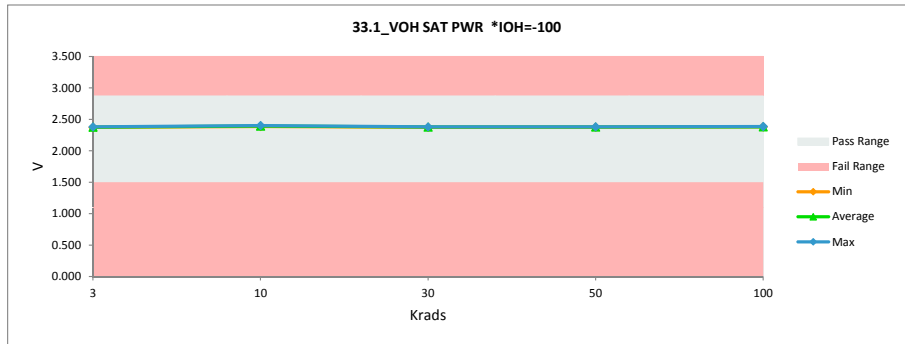
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	2.365	2.376	-0.012
3	104	2.367	2.376	-0.009
3	110	2.368	2.375	-0.008
3	119	2.366	2.374	-0.008
3	120	2.371	2.380	-0.009
10	55	2.366	2.402	-0.036
10	60	2.361	2.391	-0.030
10	64	2.362	2.392	-0.030
10	83	2.363	2.392	-0.029
10	88	2.361	2.387	-0.025
30	124	2.372	2.380	-0.008
30	126	2.364	2.379	-0.015
30	132	2.368	2.377	-0.009
30	145	2.365	2.378	-0.013
30	147	2.360	2.373	-0.013
50	141	2.361	2.377	-0.016
50	143	2.360	2.375	-0.014
50	154	2.364	2.379	-0.015
50	156	2.363	2.380	-0.017
50	157	2.363	2.381	-0.019
100	164	2.364	2.380	-0.016
100	165	2.357	2.387	-0.030
100	166	2.361	2.380	-0.020
100	182	2.362	2.381	-0.020
100	187	2.356	2.380	-0.023
Max		2.372	2.402	-0.008
Average		2.364	2.381	-0.018
Min		2.356	2.373	-0.036
Std Dev		0.004	0.007	0.008



**33.1\_VOH SAT PWR \*IOH=-100**

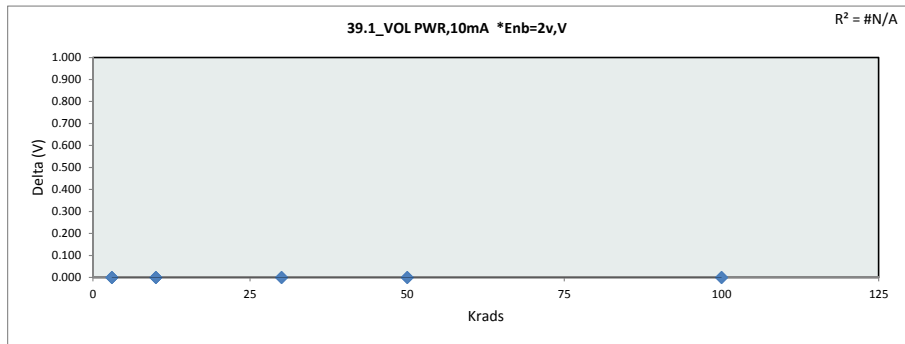
Test Site	Dallas, Tx
Tester	ETS364-06
Test Number	E9482201
Max Limit	2.87 V
Min Limit	1.5 V

Krads	3	10	30	50	100
LL	1.500	1.500	1.500	1.500	1.500
Min	2.374	2.387	2.373	2.375	2.380
Average	2.376	2.393	2.377	2.378	2.382
Max	2.380	2.402	2.380	2.381	2.387
UL	2.870	2.870	2.870	2.870	2.870

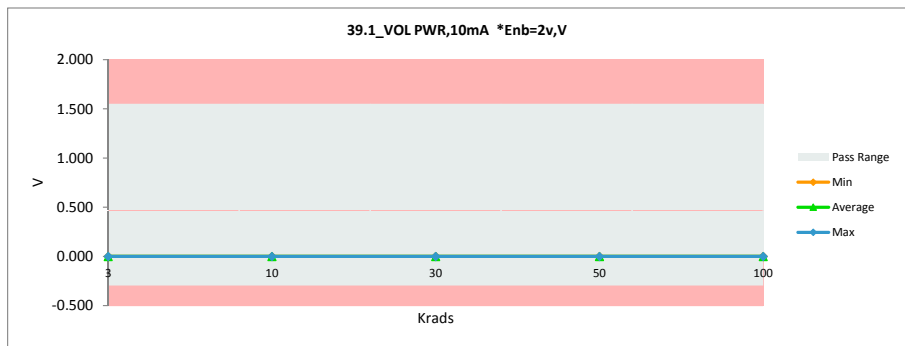


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39.1 VOL PWR,10mA *Enb=2v,V				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	1.5459	1.5459		
Min Limit	-0.2959	-0.2959		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.000	0.000	0.000
3	104	0.000	0.000	0.000
3	110	0.000	0.000	0.000
3	119	0.000	0.000	0.000
3	120	0.000	0.000	0.000
10	55	0.000	0.000	0.000
10	60	0.000	0.000	0.000
10	64	0.000	0.000	0.000
10	83	0.000	0.000	0.000
10	88	0.000	0.000	0.000
30	124	0.000	0.000	0.000
30	126	0.000	0.000	0.000
30	132	0.000	0.000	0.000
30	145	0.000	0.000	0.000
30	147	0.000	0.000	0.000
50	141	0.000	0.000	0.000
50	143	0.000	0.000	0.000
50	154	0.000	0.000	0.000
50	156	0.000	0.000	0.000
50	157	0.000	0.000	0.000
100	164	0.000	0.000	0.000
100	165	0.000	0.000	0.000
100	166	0.000	0.000	0.000
100	182	0.000	0.000	0.000
100	187	0.000	0.000	0.000
Max		0.000	0.000	0.000
Average		0.000	0.000	0.000
Min		0.000	0.000	0.000
Std Dev		0.000	0.000	0.000



39.1 VOL PWR,10mA *Enb=2v,V					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1.5459	V			
Min Limit	-0.2959	V			
Krads	3	10	30	50	100
LL	-0.296	-0.296	-0.296	-0.296	-0.296
Min	0.000	0.000	0.000	0.000	0.000
Average	0.000	0.000	0.000	0.000	0.000
Max	0.000	0.000	0.000	0.000	0.000
UL	1.546	1.546	1.546	1.546	1.546

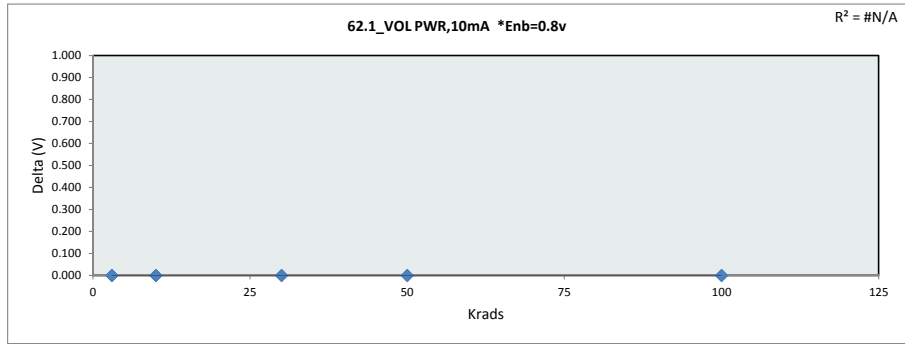


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62.1\_VOL PWR,10mA \*Enb=0.8v

Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	1.5958	1.5958
Min Limit	-0.2958	-0.2958

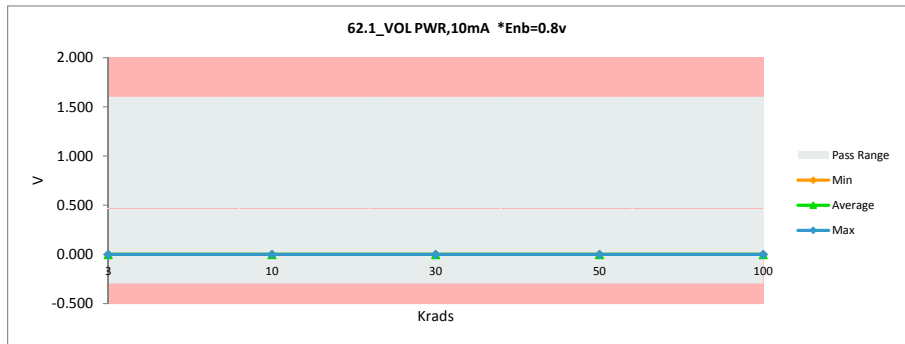
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.000	0.000	0.000
3	104	0.000	0.000	0.000
3	110	0.000	0.000	0.000
3	119	0.000	0.000	0.000
3	120	0.000	0.000	0.000
10	55	0.000	0.000	0.000
10	60	0.000	0.000	0.000
10	64	0.000	0.000	0.000
10	83	0.000	0.000	0.000
10	88	0.000	0.000	0.000
30	124	0.000	0.000	0.000
30	126	0.000	0.000	0.000
30	132	0.000	0.000	0.000
30	145	0.000	0.000	0.000
30	147	0.000	0.000	0.000
50	141	0.000	0.000	0.000
50	143	0.000	0.000	0.000
50	154	0.000	0.000	0.000
50	156	0.000	0.000	0.000
50	157	0.000	0.000	0.000
100	164	0.000	0.000	0.000
100	165	0.000	0.000	0.000
100	166	0.000	0.000	0.000
100	182	0.000	0.000	0.000
100	187	0.000	0.000	0.000
Max		0.000	0.000	0.000
Average		0.000	0.000	0.000
Min		0.000	0.000	0.000
Std Dev		0.000	0.000	0.000



62.1\_VOL PWR,10mA \*Enb=0.8v

Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Max Limit	1.5958	V
Min Limit	-0.2958	V

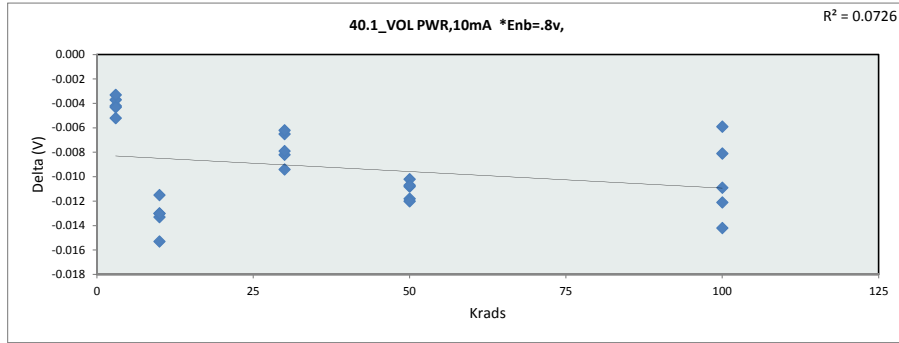
	Krads	3	10	30	50	100
LL		-0.296	-0.296	-0.296	-0.296	-0.296
Min		0.000	0.000	0.000	0.000	0.000
Average		0.000	0.000	0.000	0.000	0.000
Max		0.000	0.000	0.000	0.000	0.000
UL		1.596	1.596	1.596	1.596	1.596



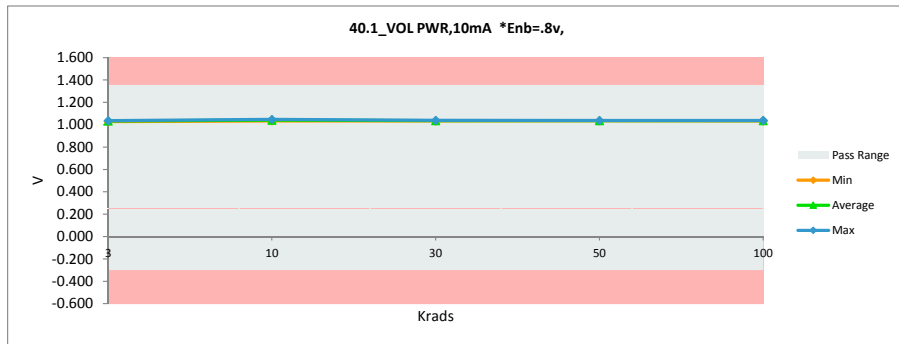


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40.1_VOL PWR,10mA *Enb=.8v,				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	1.35	1.35		
Min Limit	-0.3	-0.3		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	1.031	1.036	-0.005
3	104	1.030	1.034	-0.004
3	110	1.031	1.034	-0.004
3	119	1.025	1.028	-0.003
3	120	1.031	1.035	-0.004
10	55	1.032	1.048	-0.015
10	60	1.030	1.044	-0.013
10	64	1.026	1.038	-0.013
10	83	1.028	1.041	-0.013
10	88	1.023	1.034	-0.012
30	124	1.032	1.038	-0.007
30	126	1.029	1.038	-0.009
30	132	1.030	1.037	-0.006
30	145	1.025	1.033	-0.008
30	147	1.032	1.039	-0.008
50	141	1.027	1.038	-0.011
50	143	1.025	1.035	-0.010
50	154	1.026	1.036	-0.011
50	156	1.027	1.039	-0.012
50	157	1.024	1.036	-0.012
100	164	1.026	1.038	-0.012
100	165	1.026	1.034	-0.008
100	166	1.024	1.035	-0.011
100	182	1.031	1.036	-0.006
100	187	1.024	1.039	-0.014
Max		1.032	1.048	-0.003
Average		1.028	1.037	-0.009
Min		1.023	1.028	-0.015
Std Dev		0.003	0.004	0.004

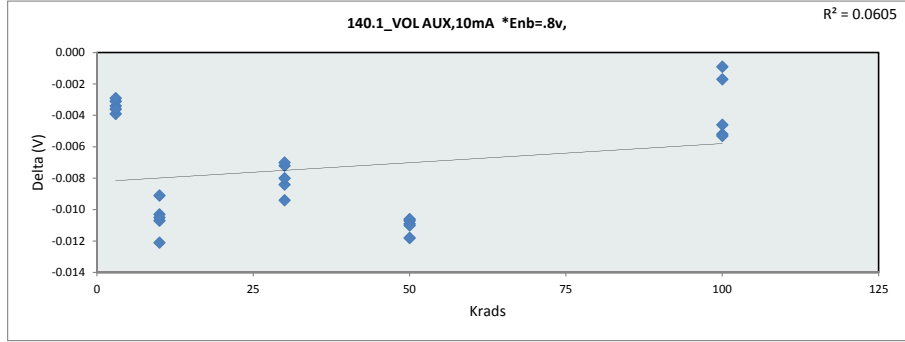


40.1_VOL PWR,10mA *Enb=.8					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1.35				V
Min Limit	-0.3				V
Krads	3	10	30	50	100
LL	-0.300	-0.300	-0.300	-0.300	-0.300
Min	1.028	1.034	1.033	1.035	1.034
Average	1.034	1.041	1.037	1.037	1.037
Max	1.036	1.048	1.040	1.039	1.039
UL	1.350	1.350	1.350	1.350	1.350

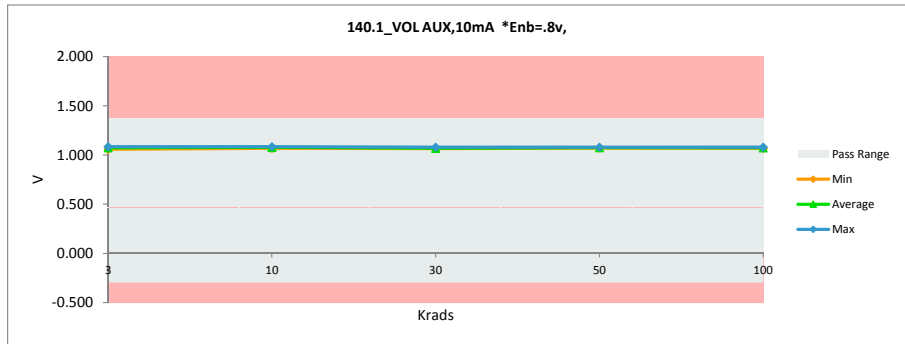


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140.1_VOL AUX,10mA *Enb=.8v				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	V	V		
Max Limit	1.37	1.37		
Min Limit	-0.296	-0.296		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	1.055	1.059	-0.004
3	104	1.081	1.084	-0.003
3	110	1.077	1.080	-0.003
3	119	1.070	1.073	-0.003
3	120	1.071	1.075	-0.004
10	55	1.072	1.084	-0.012
10	60	1.063	1.073	-0.010
10	64	1.074	1.085	-0.011
10	83	1.068	1.078	-0.010
10	88	1.059	1.068	-0.009
30	124	1.073	1.081	-0.007
30	126	1.060	1.070	-0.009
30	132	1.058	1.065	-0.007
30	145	1.057	1.066	-0.008
30	147	1.057	1.065	-0.008
50	141	1.062	1.073	-0.011
50	143	1.069	1.080	-0.011
50	154	1.065	1.076	-0.011
50	156	1.064	1.075	-0.011
50	157	1.059	1.071	-0.012
100	164	1.075	1.081	-0.005
100	165	1.067	1.068	-0.001
100	166	1.073	1.075	-0.002
100	182	1.065	1.071	-0.005
100	187	1.070	1.075	-0.005
Max		1.081	1.085	-0.001
Average		1.067	1.074	-0.007
Min		1.055	1.059	-0.012
Std Dev		0.007	0.007	0.004



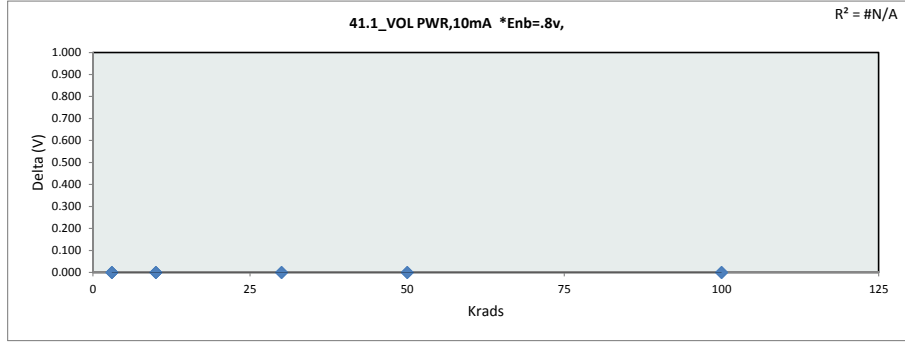
140.1_VOL AUX,10mA *Enb=.8v					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1.37	V			
Min Limit	-0.296	V			
Krads	3	10	30	50	100
LL	-0.296	-0.296	-0.296	-0.296	-0.296
Min	1.059	1.068	1.065	1.071	1.068
Average	1.074	1.078	1.069	1.075	1.074
Max	1.084	1.085	1.081	1.080	1.081
UL	1.370	1.370	1.370	1.370	1.370



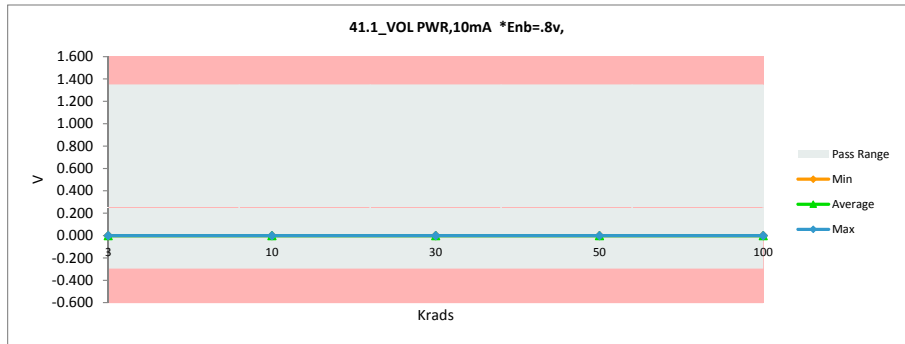
TID 50-krad(Si) LDR Report  
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41.1_VOL PWR,10mA *Enb=.8v,		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	V	V
Max Limit	1.3458	1.3458
Min Limit	-0.2958	-0.2958

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	0.000	0.000	0.000
3	104	0.000	0.000	0.000
3	110	0.000	0.000	0.000
3	119	0.000	0.000	0.000
3	120	0.000	0.000	0.000
10	55	0.000	0.000	0.000
10	60	0.000	0.000	0.000
10	64	0.000	0.000	0.000
10	83	0.000	0.000	0.000
10	88	0.000	0.000	0.000
30	124	0.000	0.000	0.000
30	126	0.000	0.000	0.000
30	132	0.000	0.000	0.000
30	145	0.000	0.000	0.000
30	147	0.000	0.000	0.000
50	141	0.000	0.000	0.000
50	143	0.000	0.000	0.000
50	154	0.000	0.000	0.000
50	156	0.000	0.000	0.000
50	157	0.000	0.000	0.000
100	164	0.000	0.000	0.000
100	165	0.000	0.000	0.000
100	166	0.000	0.000	0.000
100	182	0.000	0.000	0.000
100	187	0.000	0.000	0.000
Max		0.000	0.000	0.000
Average		0.000	0.000	0.000
Min		0.000	0.000	0.000
Std Dev		0.000	0.000	0.000

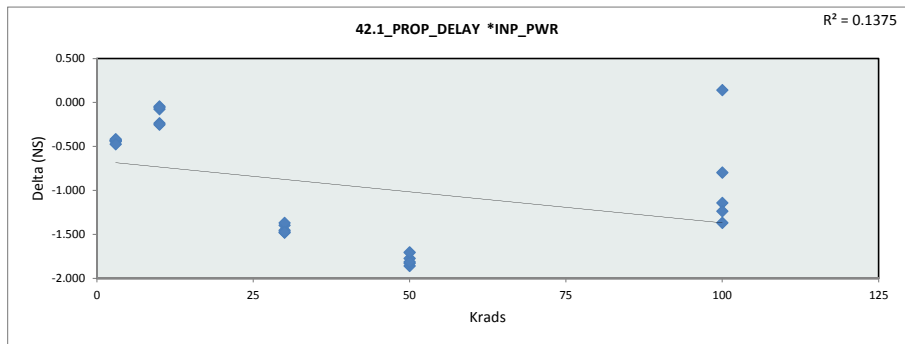


41.1_VOL PWR,10mA *Enb=.8					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1.3458	V			
Min Limit	-0.2958	V			
Krads	3	10	30	50	100
LL	-0.296	-0.296	-0.296	-0.296	-0.296
Min	0.000	0.000	0.000	0.000	0.000
Average	0.000	0.000	0.000	0.000	0.000
Max	0.000	0.000	0.000	0.000	0.000
UL	1.346	1.346	1.346	1.346	1.346

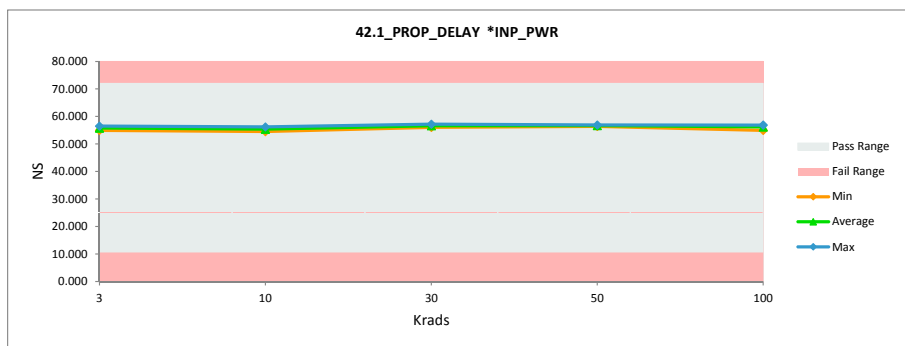


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42.1_PROP_DELAY *INP_PWR				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	72		72	
Min Limit	10.56		10.56	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	55.092	55.524	-0.432
3	104	55.737	56.179	-0.441
3	110	56.090	56.521	-0.431
3	119	55.319	55.736	-0.416
3	120	54.479	54.953	-0.473
10	55	56.178	56.222	-0.044
10	60	55.554	55.789	-0.235
10	64	54.555	54.630	-0.075
10	83	54.446	54.502	-0.056
10	88	55.518	55.769	-0.251
30	124	55.266	56.746	-1.479
30	126	54.908	56.304	-1.396
30	132	54.589	56.042	-1.452
30	145	55.423	56.791	-1.368
30	147	55.712	57.183	-1.471
50	141	55.034	56.891	-1.857
50	143	54.979	56.804	-1.826
50	154	54.607	56.379	-1.771
50	156	55.063	56.874	-1.811
50	157	54.892	56.596	-1.703
100	164	55.379	56.746	-1.367
100	165	54.973	55.769	-0.796
100	166	55.095	54.953	0.142
100	182	55.455	56.596	-1.141
100	187	55.639	56.874	-1.235
Max	56.178	57.183	0.142	
Average	55.199	56.135	-0.936	
Min	54.446	54.502	-1.857	
Std Dev	0.477	0.756	0.675	

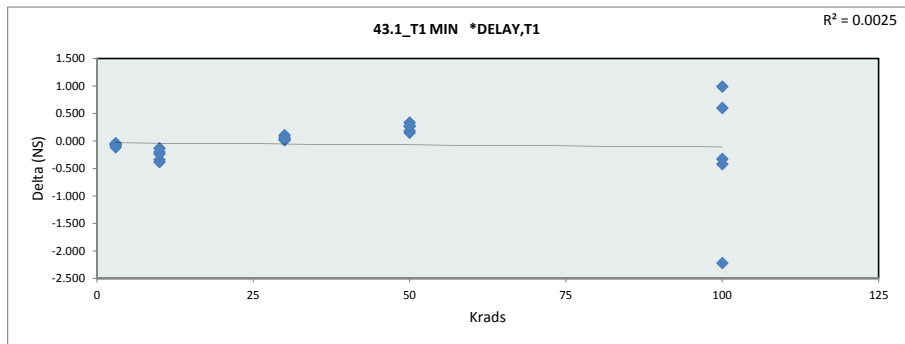


42.1_PROP_DELAY *INP_PWR					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	72	NS			
Min Limit	10.56	NS			
Krads	3	10	30	50	100
LL	10.560	10.560	10.560	10.560	10.560
Min	54.953	54.502	56.042	56.379	54.953
Average	55.783	55.382	56.613	56.709	56.187
Max	56.521	56.222	57.183	56.891	56.874
UL	72.000	72.000	72.000	72.000	72.000

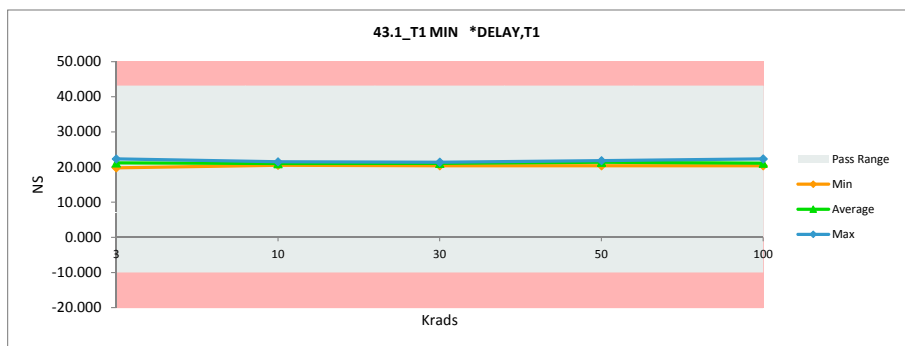


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43.1 T1 MIN *DELAY,T1				
Test Site	Dallas, Tx	Dallas, Tx		
Tester	ETS364-06	ETS364-06		
Test Number	E9482201	E9482201		
Unit	NS	NS		
Max Limit	43	43		
Min Limit	-10	-10		
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	21.340	21.418	-0.078
3	104	19.736	19.776	-0.040
3	110	20.940	21.000	-0.060
3	119	21.283	21.396	-0.112
3	120	22.253	22.313	-0.060
10	55	20.675	20.874	-0.198
10	60	20.778	21.119	-0.341
10	64	21.120	21.503	-0.383
10	83	20.715	20.948	-0.233
10	88	20.389	20.521	-0.131
30	124	21.039	21.000	0.039
30	126	20.378	20.363	0.015
30	132	21.415	21.390	0.024
30	145	21.425	21.316	0.108
30	147	21.201	21.132	0.069
50	141	21.943	21.607	0.336
50	143	21.863	21.711	0.152
50	154	22.026	21.841	0.185
50	156	21.661	21.394	0.267
50	157	20.640	20.365	0.274
100	164	20.581	21.000	-0.419
100	165	21.123	20.521	0.602
100	166	20.094	22.313	-2.220
100	182	21.356	20.365	0.991
100	187	21.068	21.394	-0.326
Max		22.253	22.313	0.991
Average		21.082	21.143	-0.061
Min		19.736	19.776	-2.220
Std Dev		0.612	0.608	0.548

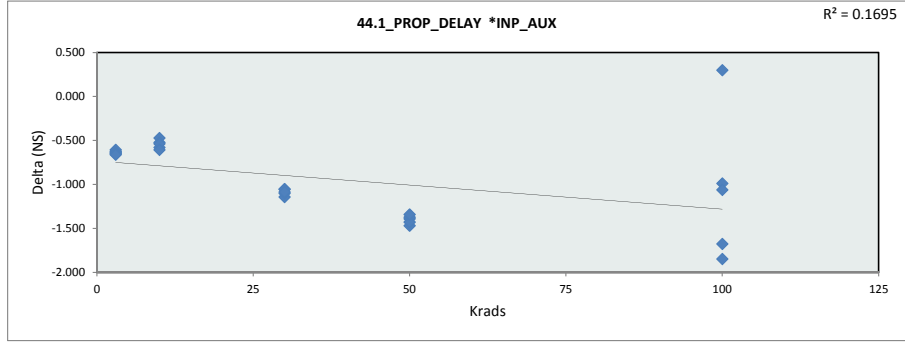


43.1 T1 MIN *DELAY,T1					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	43	NS			
Min Limit	-10	NS			
Krads	3	10	30	50	100
LL	-10.000	-10.000	-10.000	-10.000	-10.000
Min	19.776	20.521	20.363	20.365	20.365
Average	21.180	20.993	21.040	21.384	21.119
Max	22.313	21.503	21.391	21.841	22.313
UL	43.000	43.000	43.000	43.000	43.000

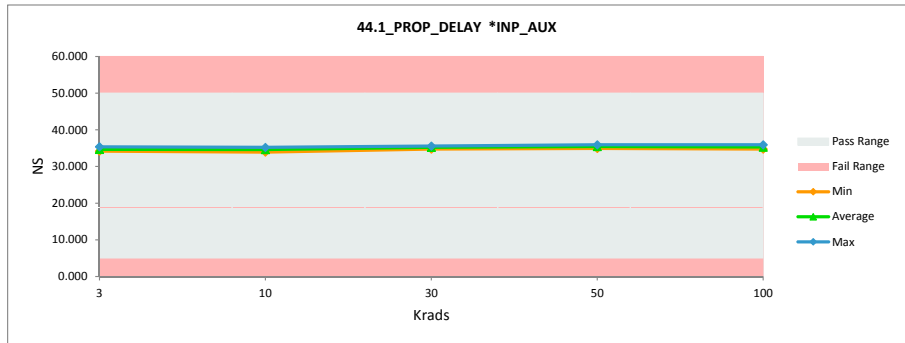


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44.1_PROP_DELAY *INP_AUX				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	50		50	
Min Limit	4.92		4.92	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	34.367	34.992	-0.625
3	104	33.620	34.226	-0.606
3	110	33.551	34.200	-0.649
3	119	33.917	34.554	-0.638
3	120	34.715	35.376	-0.661
10	55	34.735	35.206	-0.471
10	60	34.336	34.858	-0.522
10	64	33.609	34.188	-0.579
10	83	33.377	33.915	-0.537
10	88	34.270	34.876	-0.606
30	124	33.614	34.756	-1.142
30	126	34.191	35.244	-1.052
30	132	34.430	35.529	-1.099
30	145	34.074	35.128	-1.054
30	147	34.481	35.566	-1.085
50	141	33.954	35.343	-1.389
50	143	34.064	35.532	-1.468
50	154	33.549	34.920	-1.371
50	156	34.487	35.915	-1.427
50	157	34.227	35.567	-1.340
100	164	33.768	34.756	-0.988
100	165	35.176	34.876	0.300
100	166	33.529	35.376	-1.847
100	182	34.506	35.567	-1.061
100	187	34.240	35.915	-1.675
Max		35.176	35.915	0.300
Average		34.111	35.055	-0.944
Min		33.377	33.915	-1.847
Std Dev		0.458	0.544	0.472

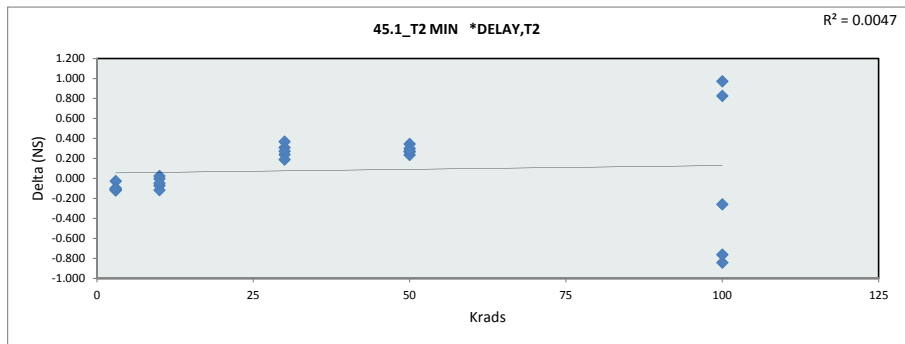


44.1_PROP_DELAY *INP_AUX					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	50	NS			
Min Limit	4.92	NS			
Krads	3	10	30	50	100
LL	4.920	4.920	4.920	4.920	4.920
Min	34.200	33.915	34.756	34.920	34.756
Average	34.670	34.608	35.245	35.455	35.298
Max	35.376	35.206	35.566	35.915	35.915
UL	50.000	50.000	50.000	50.000	50.000

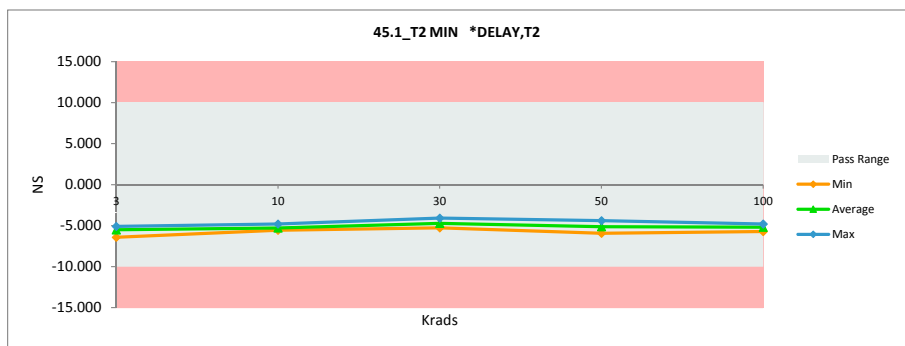


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		45.1 T2 MIN *DELAY,T2		
Test Site		Dallas, Tx	Dallas, Tx	
Tester		ETS364-06	ETS364-06	
Test Number		E9482201	E9482201	
Unit		NS	NS	
Max Limit		10	10	
Min Limit		-10	-10	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	-5.410	-5.292	-0.119
3	104	-6.445	-6.419	-0.026
3	110	-5.187	-5.089	-0.097
3	119	-5.526	-5.418	-0.109
3	120	-5.431	-5.324	-0.107
10	55	-5.622	-5.552	-0.070
10	60	-5.134	-5.159	0.025
10	64	-5.321	-5.319	-0.002
10	83	-5.678	-5.562	-0.116
10	88	-4.849	-4.802	-0.047
30	124	-4.902	-5.271	0.369
30	126	-3.841	-4.081	0.240
30	132	-4.472	-4.782	0.310
30	145	-4.623	-4.897	0.274
30	147	-4.335	-4.524	0.190
50	141	-4.127	-4.396	0.268
50	143	-4.535	-4.771	0.237
50	154	-5.584	-5.929	0.345
50	156	-5.419	-5.719	0.300
50	157	-4.558	-4.830	0.271
100	164	-6.112	-5.271	-0.841
100	165	-3.976	-4.802	0.827
100	166	-6.085	-5.324	-0.761
100	182	-5.088	-4.830	-0.259
100	187	-4.746	-5.719	0.973
Max		-3.841	-4.081	0.973
Average		-5.080	-5.163	0.083
Min		-6.445	-6.419	-0.841
Std Dev		0.678	0.512	0.392



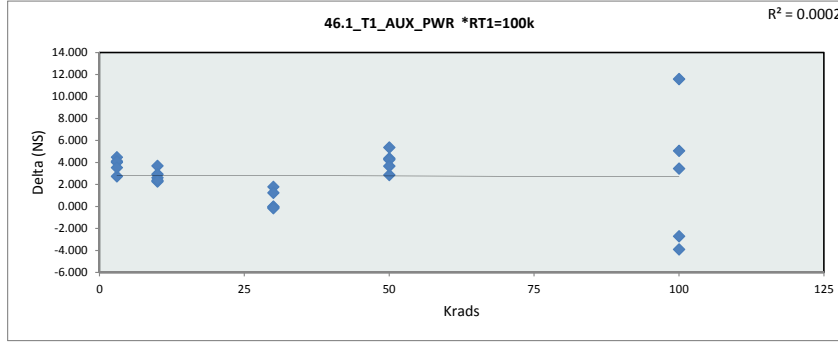
		45.1 T2 MIN *DELAY,T2				
Test Site		Dallas, Tx				
Tester		ETS364-06				
Test Number		E9482201				
Max Limit		10	NS			
Min Limit		-10	NS			
Krads		3	10	30	50	100
LL		-10.000	-10.000	-10.000	-10.000	-10.000
Min		-6.419	-5.562	-5.271	-5.929	-5.719
Average		-5.508	-5.279	-4.711	-5.129	-5.189
Max		-5.089	-4.803	-4.081	-4.396	-4.803
UL		10.000	10.000	10.000	10.000	10.000



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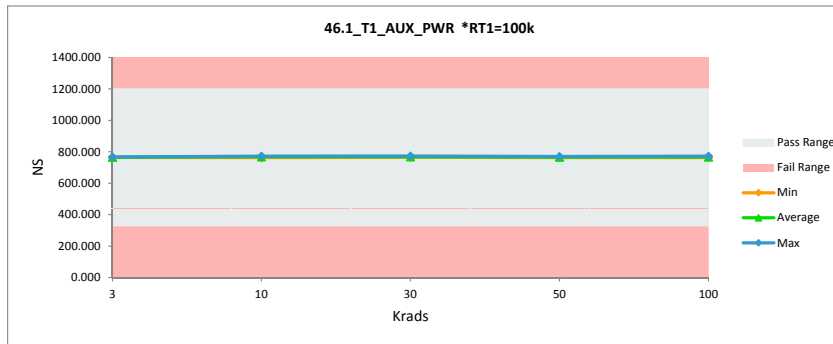
46.1 T1_AUX_PWR *RT1=100k		
Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	NS	NS
Max Limit	1200	1200
Min Limit	325	325

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	770.150	765.663	4.487
3	104	770.723	766.698	4.025
3	110	768.489	764.375	4.114
3	119	767.555	764.809	2.746
3	120	770.498	766.956	3.542
10	55	770.454	766.757	3.697
10	60	773.712	771.087	2.625
10	64	764.720	762.447	2.273
10	83	770.233	767.301	2.932
10	88	774.390	772.017	2.373
30	124	767.663	767.728	-0.066
30	126	768.126	766.339	1.787
30	132	767.973	767.978	-0.006
30	145	766.060	764.814	1.246
30	147	773.024	773.174	-0.150
50	141	774.432	770.059	4.372
50	143	769.716	765.450	4.266
50	154	769.181	766.317	2.864
50	156	772.863	767.494	5.369
50	157	766.565	762.887	3.678
100	164	771.178	767.728	3.450
100	165	768.116	772.017	-3.901
100	166	764.249	766.956	-2.707
100	182	774.480	762.887	11.593
100	187	772.562	767.494	5.068
Max		774.480	773.174	11.593
Average		769.884	767.097	2.787
Min		764.249	762.447	-3.901
Std Dev		2.977	2.837	2.932



46.1 T1_AUX_PWR *RT1=100k					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	1200	NS			
Min Limit	325	NS			

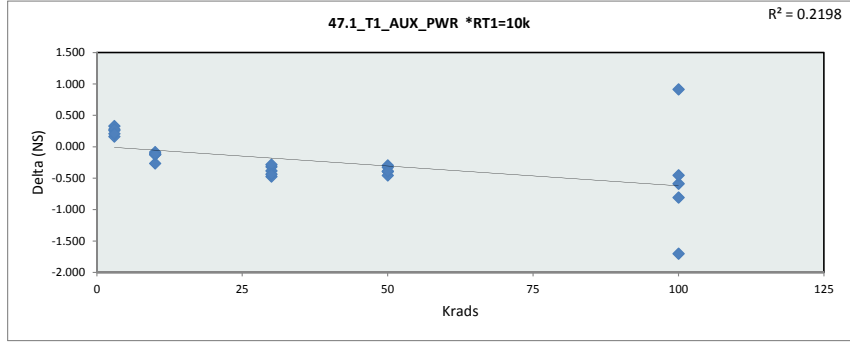
	Krads	3	10	30	50	100
LL		325.000	325.000	325.000	325.000	325.000
Min		764.375	762.447	764.814	762.887	762.887
Average		765.700	767.922	768.007	766.441	767.416
Max		766.956	772.017	773.174	770.059	772.017
UL		1200.000	1200.000	1200.000	1200.000	1200.000



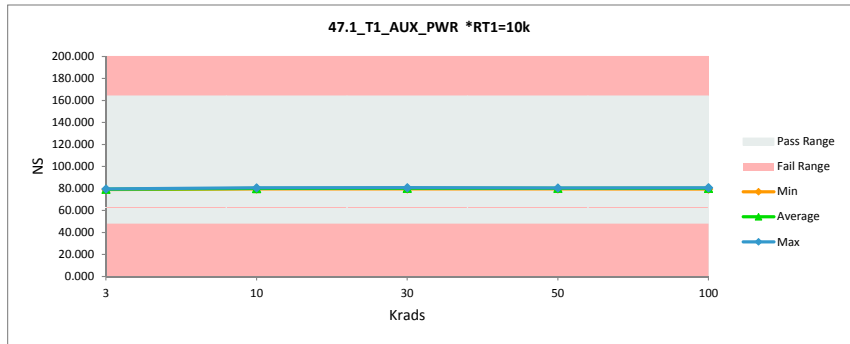


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47.1 T1_AUX_PWR *RT1=10k				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	164		164	
Min Limit	48		48	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	79.389	79.128	0.260
3	104	79.848	79.518	0.330
3	110	79.856	79.576	0.280
3	119	79.205	79.042	0.163
3	120	79.740	79.532	0.209
10	55	79.715	79.837	-0.123
10	60	79.945	80.029	-0.084
10	64	79.294	79.558	-0.264
10	83	79.796	79.920	-0.124
10	88	80.461	80.575	-0.113
30	124	80.299	80.682	-0.383
30	126	79.481	79.799	-0.318
30	132	79.205	79.679	-0.473
30	145	79.879	80.162	-0.283
30	147	80.284	80.720	-0.437
50	141	79.995	80.390	-0.395
50	143	79.854	80.180	-0.326
50	154	79.933	80.389	-0.456
50	156	80.170	80.466	-0.296
50	157	79.237	79.626	-0.389
100	164	80.095	80.682	-0.587
100	165	78.874	80.575	-1.701
100	166	79.079	79.532	-0.453
100	182	80.540	79.626	0.914
100	187	79.660	80.466	-0.806
Max		80.540	80.720	0.914
Average		79.753	79.988	-0.234
Min		78.874	79.042	-1.701
Std Dev		0.442	0.503	0.477

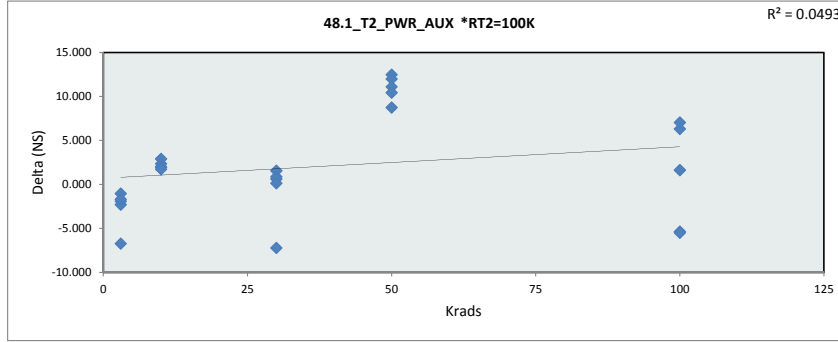


47.1 T1_AUX_PWR *RT1=10k					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	164	NS			
Min Limit	48	NS			
Krads	3	10	30	50	100
LL	48.000	48.000	48.000	48.000	48.000
Min	79.042	79.558	79.679	79.626	79.532
Average	79.359	79.984	80.209	80.210	80.176
Max	79.576	80.575	80.721	80.466	80.682
UL	164.000	164.000	164.000	164.000	164.000

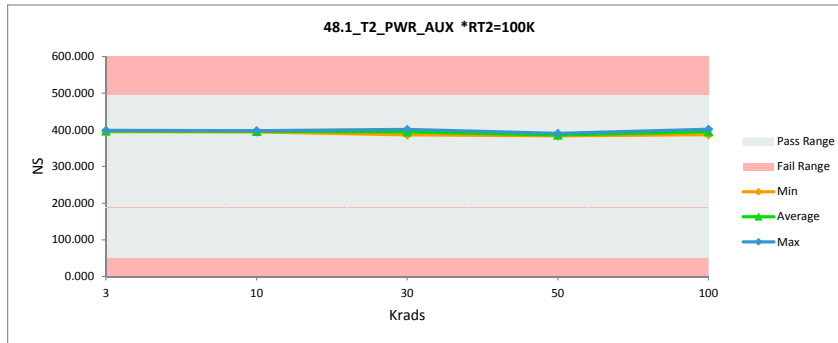


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48.1 T2 PWR_AUX *RT2=100K				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	493		493	
Min Limit	51		51	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	393.862	394.897	-1.036
3	104	396.047	397.947	-1.900
3	110	391.656	398.378	-6.722
3	119	393.427	395.714	-2.286
3	120	396.135	397.826	-1.691
10	55	400.318	397.406	2.911
10	60	399.503	397.140	2.362
10	64	396.136	394.105	2.031
10	83	397.247	395.290	1.957
10	88	398.577	396.839	1.738
30	124	393.936	401.143	-7.207
30	126	387.719	386.151	1.568
30	132	390.746	389.862	0.884
30	145	395.026	394.389	0.637
30	147	400.057	399.914	0.143
50	141	396.988	384.496	12.492
50	143	397.695	385.699	11.997
50	154	394.587	383.475	11.112
50	156	398.781	390.029	8.752
50	157	396.996	386.552	10.444
100	164	396.208	401.565	-5.357
100	165	398.480	396.839	1.641
100	166	392.343	397.826	-5.483
100	182	392.872	386.552	6.320
100	187	397.082	390.029	7.053
Max		400.318	401.565	12.492
Average		395.697	393.602	2.094
Min		387.719	383.475	-7.207
Std Dev		3.095	5.544	5.734



48.1 T2 PWR_AUX *RT2=100K					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	493	NS			
Min Limit	51	NS			
Krads	3	10	30	50	100
LL	51.000	51.000	51.000	51.000	51.000
Min	394.898	394.105	386.151	383.475	386.552
Average	396.952	396.156	394.292	386.050	394.562
Max	398.378	397.406	401.143	390.029	401.565
UL	493.000	493.000	493.000	493.000	493.000

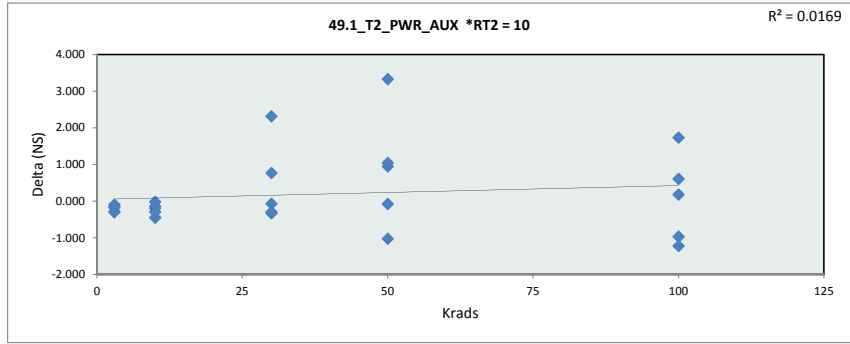


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**49.1 T2\_PWR\_AUX \*RT2 = 10**

Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	NS	NS
Max Limit	72	72
Min Limit	21	21

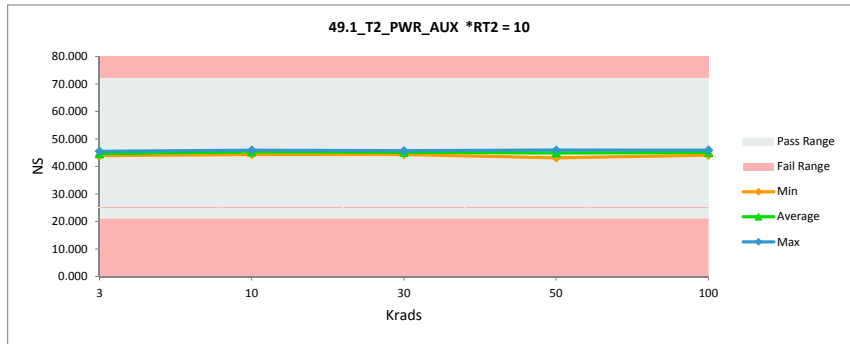
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	44.470	44.564	-0.095
3	104	43.662	43.965	-0.302
3	110	45.216	45.390	-0.173
3	119	43.649	43.928	-0.279
3	120	45.385	45.534	-0.149
10	55	45.218	45.408	-0.190
10	60	45.313	45.331	-0.018
10	64	45.337	45.479	-0.142
10	83	43.888	44.339	-0.451
10	88	45.650	45.944	-0.293
30	124	45.334	44.565	0.770
30	126	45.350	45.681	-0.331
30	132	45.412	45.482	-0.070
30	145	45.466	45.763	-0.297
30	147	46.643	44.329	2.314
50	141	45.901	45.975	-0.075
50	143	46.465	43.135	3.330
50	154	44.773	45.799	-1.026
50	156	45.518	44.569	0.949
50	157	46.320	45.274	1.046
100	164	44.323	44.143	0.180
100	165	47.678	45.944	1.735
100	166	44.313	45.534	-1.221
100	182	44.307	45.274	-0.968
100	187	45.178	44.569	0.609
<b>Max</b>		47.678	45.975	3.330
<b>Average</b>		45.231	45.037	0.194
<b>Min</b>		43.649	43.135	-1.221
<b>Std Dev</b>		0.949	0.765	1.036



**49.1 T2\_PWR\_AUX \*RT2 = 10**

Test Site	Dallas, Tx
Tester	ETS364-06
Test Number	E9482201
Max Limit	72 NS
Min Limit	21 NS

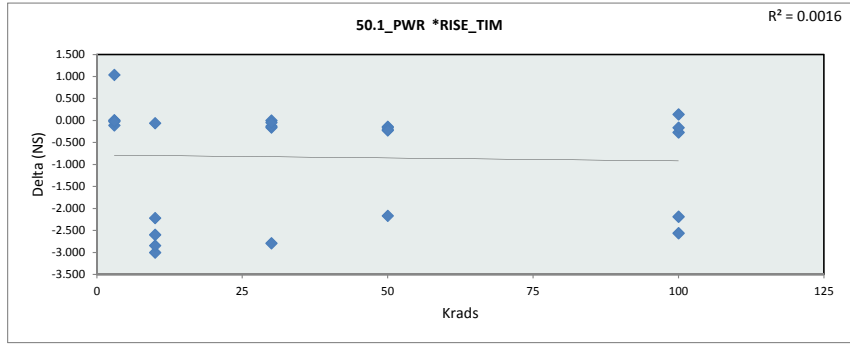
	3	10	30	50	100
LL	21.000	21.000	21.000	21.000	21.000
Min	43.928	44.339	44.329	43.135	44.143
Average	44.676	45.300	45.164	44.951	45.093
Max	45.534	45.944	45.763	45.975	45.944
UL	72.000	72.000	72.000	72.000	72.000



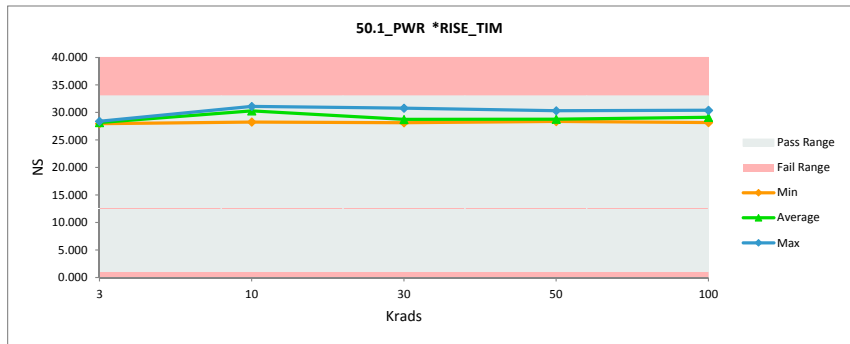
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50.1_PWR *RISE_TIM		
Test Site	Dallas, Tx	
Tester	ETS364-06	
Test Number	E9482201	
Unit	NS	
Max Limit	33	
Min Limit	1	

Krads	Serial #	PreRAD	PostLDR	Delta
3	94	27.954	27.959	-0.006
3	104	27.949	28.059	-0.110
3	110	28.162	28.153	0.009
3	119	28.200	28.223	-0.023
3	120	29.434	28.397	1.037
10	55	28.166	30.764	-2.598
10	60	28.104	31.106	-3.001
10	64	28.203	28.263	-0.060
10	83	28.091	30.934	-2.843
10	88	28.174	30.392	-2.218
30	124	28.171	28.171	0.000
30	126	28.154	28.314	-0.159
30	132	27.989	30.780	-2.790
30	145	28.143	28.272	-0.129
30	147	28.082	28.127	-0.045
50	141	28.215	28.355	-0.140
50	143	28.238	28.449	-0.211
50	154	28.261	28.423	-0.162
50	156	28.142	30.309	-2.167
50	157	28.130	28.355	-0.225
100	164	28.312	28.171	0.141
100	165	27.831	30.392	-2.562
100	166	28.127	28.397	-0.270
100	182	28.191	28.355	-0.163
100	187	28.122	30.309	-2.187
Max		29.434	31.106	1.037
Average		28.182	29.017	-0.835
Min		27.831	27.959	-3.001
Std Dev		0.281	1.143	1.234



50.1_PWR *RISE_TIM					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	33	NS			
Min Limit	1	NS			
Krads	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000
Min	27.959	28.263	28.127	28.355	28.171
Average	28.158	30.292	28.733	28.778	29.125
Max	28.397	31.106	30.780	30.309	30.392
UL	33.000	33.000	33.000	33.000	33.000

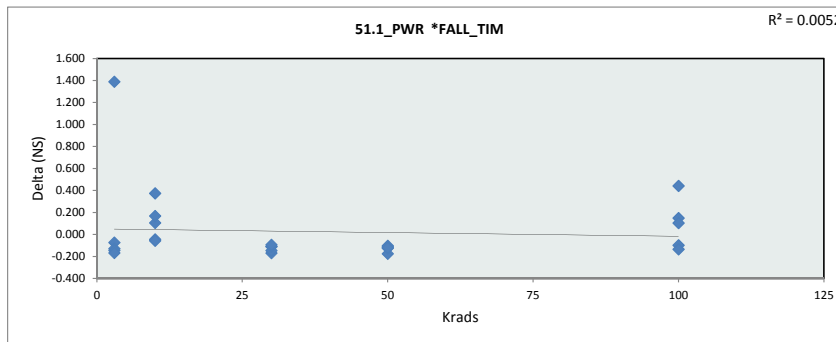


TID 50-krad(Si) LDR Report  
UC1715-SP

**51.1\_PWR \*FALL\_TIM**

Test Site	Dallas, Tx	Dallas, Tx
Tester	ETS364-06	ETS364-06
Test Number	E9482201	E9482201
Unit	NS	NS
Max Limit	29	29
Min Limit	1	1

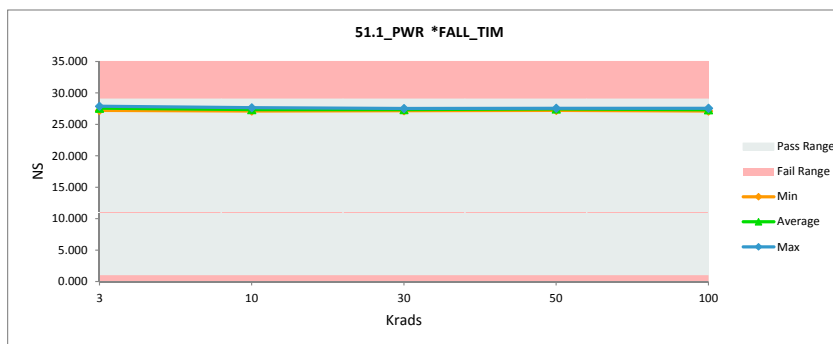
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	27.459	27.533	-0.073
3	104	27.746	27.875	-0.129
3	110	27.520	27.664	-0.144
3	119	27.417	27.585	-0.168
3	120	28.602	27.212	1.389
10	55	27.419	27.314	0.106
10	60	27.321	27.153	0.169
10	64	27.400	27.444	-0.044
10	83	27.583	27.640	-0.057
10	88	27.491	27.117	0.374
30	124	27.347	27.516	-0.169
30	126	27.115	27.261	-0.146
30	132	27.057	27.167	-0.109
30	145	27.370	27.480	-0.110
30	147	27.180	27.274	-0.094
50	141	27.316	27.427	-0.112
50	143	27.366	27.542	-0.176
50	154	27.399	27.502	-0.103
50	156	27.097	27.221	-0.124
50	157	27.432	27.553	-0.121
100	164	27.665	27.516	0.149
100	165	27.019	27.117	-0.098
100	166	27.654	27.212	0.442
100	182	27.418	27.553	-0.135
100	187	27.325	27.221	0.104
<b>Max</b>		28.602	27.875	1.389
<b>Average</b>		27.429	27.404	0.025
<b>Min</b>		27.019	27.117	-0.176
<b>Std Dev</b>		0.306	0.201	0.329



**51.1\_PWR \*FALL\_TIM**

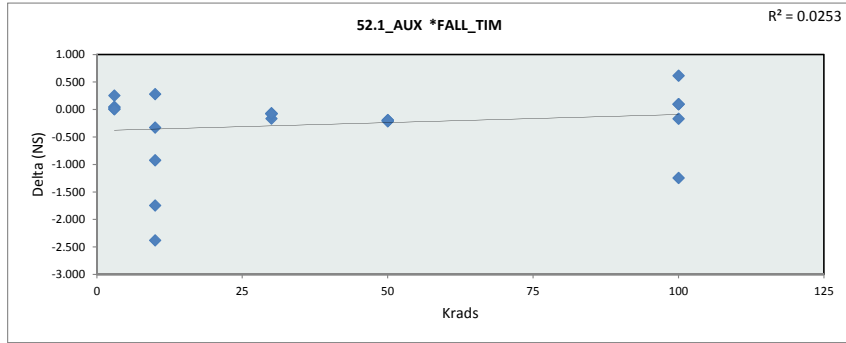
Test Site	Dallas, Tx
Tester	ETS364-06
Test Number	E9482201
Max Limit	29 NS
Min Limit	1 NS

	Krads	3	10	30	50	100
LL		1.000	1.000	1.000	1.000	1.000
Min		27.212	27.117	27.167	27.221	27.117
Average		27.574	27.333	27.340	27.449	27.324
Max		27.875	27.640	27.516	27.553	27.553
UL		29.000	29.000	29.000	29.000	29.000

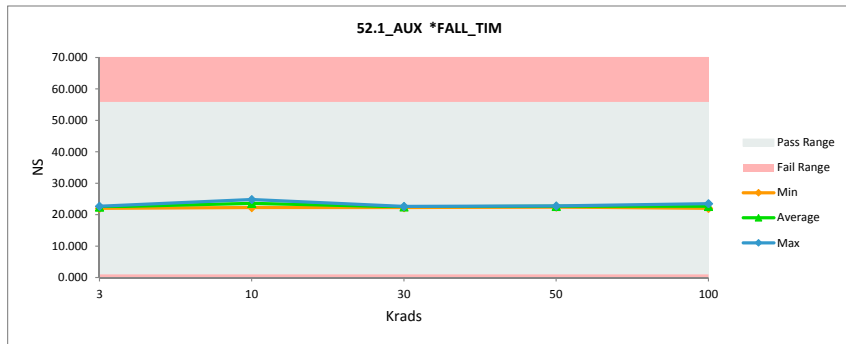


TID 50-krad(Si) LDR Report  
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52.1_AUX *FALL_TIM				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	55.7		55.7	
Min Limit	1		1	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	22.406	22.357	0.049
3	104	22.709	22.666	0.043
3	110	22.556	22.544	0.012
3	119	22.478	22.472	0.006
3	120	22.272	22.017	0.255
10	55	22.605	24.350	-1.745
10	60	22.424	24.803	-2.379
10	64	22.536	22.255	0.281
10	83	22.646	22.974	-0.328
10	88	22.560	23.483	-0.922
30	124	22.434	22.597	-0.164
30	126	22.326	22.399	-0.073
30	132	22.179	22.256	-0.077
30	145	22.549	22.617	-0.067
30	147	22.387	22.462	-0.076
50	141	22.437	22.635	-0.198
50	143	22.555	22.763	-0.208
50	154	22.507	22.698	-0.191
50	156	22.212	22.424	-0.212
50	157	22.529	22.725	-0.195
100	164	22.696	22.597	0.099
100	165	22.239	23.483	-1.244
100	166	22.633	22.017	0.616
100	182	22.558	22.725	-0.167
100	187	22.521	22.424	0.098
<b>Max</b>		22.709	24.803	0.616
<b>Average</b>		22.478	22.750	-0.272
<b>Min</b>		22.179	22.017	-2.379
<b>Std Dev</b>		0.146	0.653	0.652

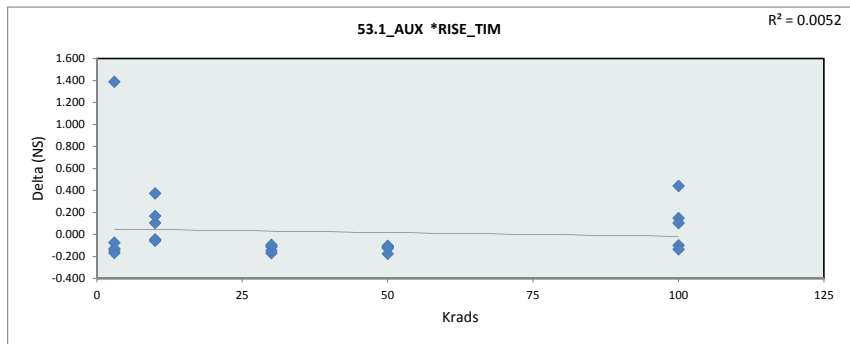


52.1_AUX *FALL_TIM					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	55.7		NS		
Min Limit	1		NS		
Krads	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000
Min	22.017	22.255	22.256	22.424	22.017
Average	22.411	23.573	22.466	22.649	22.649
Max	22.666	24.803	22.617	22.763	23.483
UL	55.700	55.700	55.700	55.700	55.700

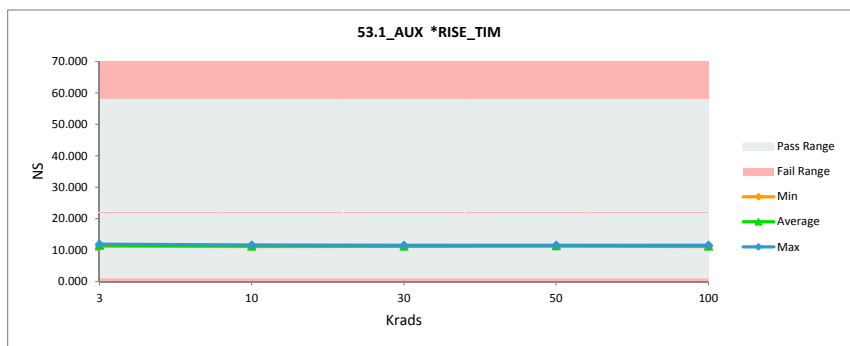


### TID 50-krad(Si) LDR Report UC1715-SP

53.1_AUX *RISE_TIM				
Test Site	Dallas, Tx		Dallas, Tx	
Tester	ETS364-06		ETS364-06	
Test Number	E9482201		E9482201	
Unit	NS		NS	
Max Limit	57.9		57.9	
Min Limit	1		1	
Krads	Serial #	PreRAD	PostLDR	Delta
3	94	11.459	11.533	-0.073
3	104	11.746	11.875	-0.129
3	110	11.519	11.664	-0.144
3	119	11.417	11.585	-0.168
3	120	12.602	11.212	1.389
10	55	11.419	11.314	0.106
10	60	11.321	11.153	0.169
10	64	11.400	11.444	-0.044
10	83	11.583	11.640	-0.056
10	88	11.491	11.117	0.374
30	124	11.347	11.516	-0.169
30	126	11.115	11.261	-0.146
30	132	11.057	11.167	-0.109
30	145	11.370	11.480	-0.110
30	147	11.180	11.274	-0.094
50	141	11.316	11.427	-0.112
50	143	11.366	11.542	-0.175
50	154	11.399	11.502	-0.102
50	156	11.097	11.221	-0.124
50	157	11.432	11.553	-0.121
100	164	11.665	11.516	0.149
100	165	11.019	11.117	-0.098
100	166	11.654	11.212	0.442
100	182	11.418	11.553	-0.135
100	187	11.325	11.221	0.104
Max	12.602	11.875	1.389	
Average	11.429	11.404	0.025	
Min	11.019	11.117	-0.175	
Std Dev	0.306	0.201	0.329	



53.1_AUX *RISE_TIM					
Test Site	Dallas, Tx				
Tester	ETS364-06				
Test Number	E9482201				
Max Limit	57.9	NS			
Min Limit	1	NS			
Krads	3	10	30	50	100
LL	1.000	1.000	1.000	1.000	1.000
Min	11.212	11.117	11.167	11.221	11.117
Average	11.574	11.333	11.340	11.449	11.324
Max	11.875	11.640	11.516	11.553	11.553
UL	57.900	57.900	57.900	57.900	57.900



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