

Total Ionizing Dose (TID) Report

TEXAS
INSTRUMENTS

1Mbps 2x2 Crosspoint Switch

SN55LVCP22-SP

SMD#: 5962-1124201VFA



Date: July 27, 2012

Prepared by: Bruce Holcombe

Contact: hirelmarketing@list.ti.com



Exposure Record

Customer:	TI
Dose Rate:	50.72 rad/sec (Si)
Quantity Irradiated:	30

Device Type:	LVCP22-SP
Total Dose (krad):	100k
RAD Job Number:	12-308

Date Code 1210A
Assembly lot# LOT#2003184MMT

Diffusion Lot# 1251422

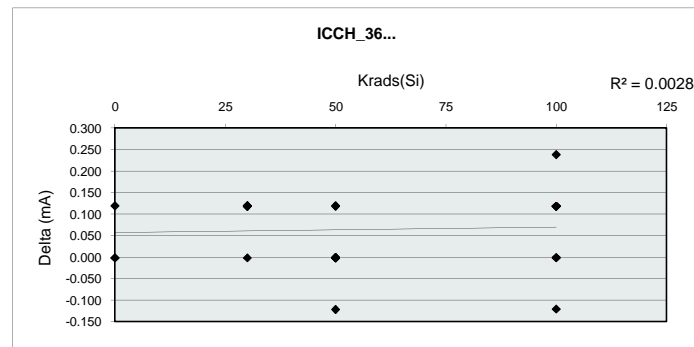
Serial Number	Total Dose (krad)	Date Shipped	Date tested	Rebound test date	Comments
33 - 37	30k	4/24/2012	4/25/2012	5/4/2012	biased
38 - 42	30k	4/24/2012	4/25/2012	5/4/2012	un-biased
43 - 47	50k	4/24/2012	4/25/2012	5/4/2012	biased
48 - 52	50k	4/24/2012	4/25/2012	5/4/2012	un-biased
53 - 57	100k	4/24/2012	4/25/2012	5/4/2012	biased
58 - 62	100k	4/24/2012	4/25/2012	5/4/2012	un-biased
73	0	4/24/2012	4/25/2012	5/4/2012	30k control
74	0	4/24/2012	4/25/2012	5/4/2012	50k control
75	0	4/24/2012	4/25/2012	5/4/2012	100k control

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

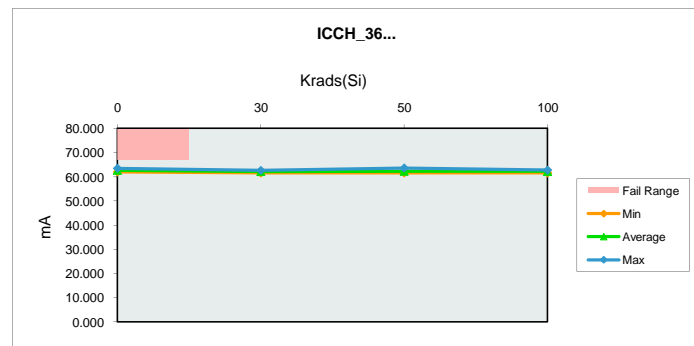
TID HDR Report
SN55LVCP22-SP

ICCH_36...		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	67	67
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	62.731	62.613	0.118	0.19%	0.18%
30	34	62.251	62.133	0.118	0.19%	0.18%
30	35	61.772	61.653	0.119	0.19%	0.18%
30	36	61.772	61.653	0.119	0.19%	0.18%
30	37	62.731	62.613	0.118	0.19%	0.18%
30	38	62.251	62.133	0.118	0.19%	0.18%
30	39	62.371	62.253	0.118	0.19%	0.18%
30	40	61.892	61.773	0.119	0.19%	0.18%
30	41	62.131	62.013	0.118	0.19%	0.18%
30	42	62.491	62.493	-0.002	0.00%	0.00%
50	43	61.892	61.893	-0.001	0.00%	0.00%
50	44	62.251	62.253	-0.002	0.00%	0.00%
50	45	62.371	62.493	-0.122	-0.20%	0.18%
50	46	62.011	62.013	-0.002	0.00%	0.00%
50	47	62.011	62.013	-0.002	0.00%	0.00%
50	48	62.131	62.133	-0.002	0.00%	0.00%
50	49	62.971	62.973	-0.002	0.00%	0.00%
50	50	63.571	63.572	-0.001	0.00%	0.00%
50	51	61.772	61.653	0.119	0.19%	0.18%
50	52	62.011	61.893	0.118	0.19%	0.18%
100	53	62.611	62.493	0.118	0.19%	0.18%
100	54	61.772	61.893	-0.121	-0.20%	0.18%
100	55	62.971	62.733	0.238	0.38%	0.36%
100	56	62.491	62.373	0.118	0.19%	0.18%
100	57	62.131	62.013	0.118	0.19%	0.18%
100	58	62.251	62.133	0.118	0.19%	0.18%
100	59	62.131	62.133	-0.002	0.00%	0.00%
100	60	61.652	61.653	-0.001	0.00%	0.00%
100	61	62.371	62.253	0.118	0.19%	0.18%
100	62	62.371	62.253	0.118	0.19%	0.18%
0	73	62.011	62.013	-0.002	0.00%	0.00%
0	74	63.571	63.452	0.119	0.19%	0.18%
0	75	62.611	62.613	-0.002	0.00%	0.00%
	Max	63.571	63.572	0.238	0.38%	0.36%
	Average	62.313	62.249	0.064	0.10%	0.12%
	Min	61.652	61.653	-0.122	-0.20%	0.00%
	Std Dev	0.471	0.465	0.080	0.13%	0.09%



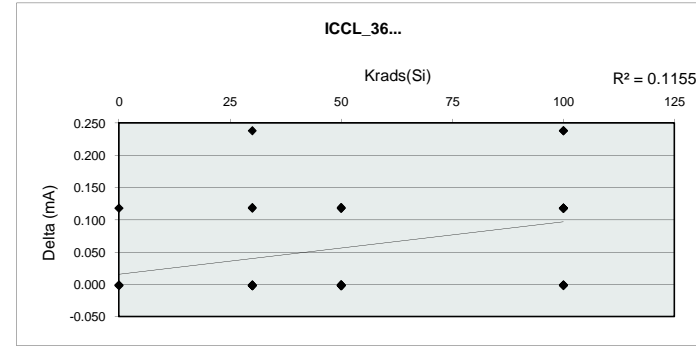
ICCH_36...					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	67 mA				
Min Limit	mA				
	Krads(Si)	0	30	50	100
LL					
Min		62.013	61.653	61.653	61.653
Average		62.693	62.133	62.289	62.193
Max		63.452	62.613	63.572	62.733
UL		67.000	67.000	67.000	67.000



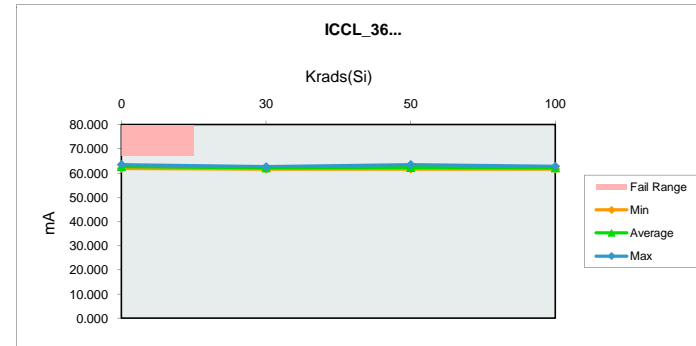
TID HDR Report
SN55LVCP22-SP

ICCL_36...		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	67	67
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	62.731	62.493	0.238	0.38%	0.36%
30	34	62.131	62.133	-0.002	0.00%	0.00%
30	35	61.652	61.653	-0.001	0.00%	0.00%
30	36	61.652	61.533	0.119	0.19%	0.18%
30	37	62.731	62.613	0.118	0.19%	0.18%
30	38	62.131	62.133	-0.002	0.00%	0.00%
30	39	62.251	62.253	-0.002	0.00%	0.00%
30	40	61.772	61.773	-0.001	0.00%	0.00%
30	41	62.011	62.013	-0.002	0.00%	0.00%
30	42	62.491	62.493	-0.002	0.00%	0.00%
50	43	61.772	61.773	-0.001	0.00%	0.00%
50	44	62.251	62.253	-0.002	0.00%	0.00%
50	45	62.371	62.373	-0.002	0.00%	0.00%
50	46	62.011	61.893	0.118	0.19%	0.18%
50	47	62.011	61.893	0.118	0.19%	0.18%
50	48	62.011	62.013	-0.002	0.00%	0.00%
50	49	62.851	62.853	-0.002	0.00%	0.00%
50	50	63.451	63.452	-0.001	0.00%	0.00%
50	51	61.652	61.653	-0.001	0.00%	0.00%
50	52	61.892	61.773	0.119	0.19%	0.18%
100	53	62.611	62.373	0.238	0.38%	0.36%
100	54	61.772	61.773	-0.001	0.00%	0.00%
100	55	62.971	62.733	0.238	0.38%	0.36%
100	56	62.491	62.373	0.118	0.19%	0.18%
100	57	62.011	61.893	0.118	0.19%	0.18%
100	58	62.251	62.133	0.118	0.19%	0.18%
100	59	62.131	62.013	0.118	0.19%	0.18%
100	60	61.652	61.653	-0.001	0.00%	0.00%
100	61	62.371	62.253	0.118	0.19%	0.18%
100	62	62.251	62.253	-0.002	0.00%	0.00%
0	73	62.011	61.893	0.118	0.19%	0.18%
0	74	63.451	63.452	-0.001	0.00%	0.00%
0	75	62.491	62.493	-0.002	0.00%	0.00%
	Max	63.451	63.452	0.238	0.38%	0.36%
	Average	62.251	62.191	0.060	0.10%	0.09%
	Min	61.652	61.533	-0.002	0.00%	0.00%
	Std Dev	0.474	0.466	0.080	0.13%	0.12%



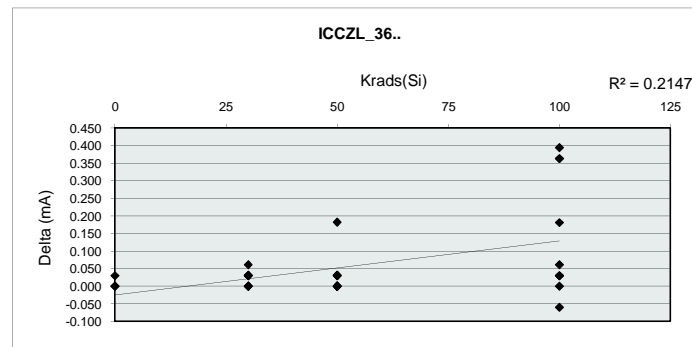
ICCL_36...				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	67 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	61.893	61.533	61.653	61.653
Average	62.613	62.109	62.193	62.145
Max	63.452	62.613	63.452	62.733
UL	67.000	67.000	67.000	67.000



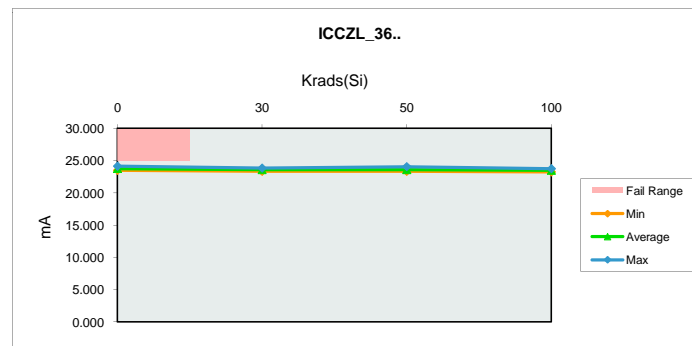
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ICCZL_36..		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	25	25
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	23.721	23.660	0.061	0.26%	0.24%
30	34	23.570	23.539	0.031	0.13%	0.12%
30	35	23.448	23.418	0.030	0.13%	0.12%
30	36	23.357	23.327	0.030	0.13%	0.12%
30	37	23.842	23.812	0.030	0.13%	0.12%
30	38	23.509	23.509	0.000	0.00%	0.00%
30	39	23.630	23.630	0.000	0.00%	0.00%
30	40	23.570	23.570	0.000	0.00%	0.00%
30	41	23.691	23.660	0.031	0.13%	0.12%
30	42	23.842	23.842	0.000	0.00%	0.00%
50	43	23.418	23.418	0.000	0.00%	0.00%
50	44	23.660	23.660	0.000	0.00%	0.00%
50	45	23.691	23.691	0.000	0.00%	0.00%
50	46	23.509	23.327	0.182	0.77%	0.73%
50	47	23.509	23.509	0.000	0.00%	0.00%
50	48	23.509	23.509	0.000	0.00%	0.00%
50	49	23.933	23.903	0.030	0.13%	0.12%
50	50	24.085	24.054	0.031	0.13%	0.12%
50	51	23.509	23.479	0.030	0.13%	0.12%
50	52	23.479	23.448	0.031	0.13%	0.12%
100	53	23.660	23.297	0.363	1.53%	1.45%
100	54	23.448	23.267	0.181	0.77%	0.72%
100	55	23.903	23.509	0.394	1.65%	1.58%
100	56	23.691	23.751	-0.060	-0.25%	0.24%
100	57	23.630	23.267	0.363	1.54%	1.45%
100	58	23.600	23.539	0.061	0.26%	0.24%
100	59	23.600	23.570	0.030	0.13%	0.12%
100	60	23.448	23.448	0.000	0.00%	0.00%
100	61	23.600	23.570	0.030	0.13%	0.12%
100	62	23.630	23.600	0.030	0.13%	0.12%
0	73	23.539	23.509	0.030	0.13%	0.12%
0	74	24.115	24.115	0.000	0.00%	0.00%
0	75	23.660	23.660	0.000	0.00%	0.00%
	Max	24.115	24.115	0.394	1.65%	1.58%
	Average	23.637	23.578	0.059	0.25%	0.25%
	Min	23.357	23.267	-0.060	-0.25%	0.00%
	Std Dev	0.181	0.204	0.111	0.47%	0.44%



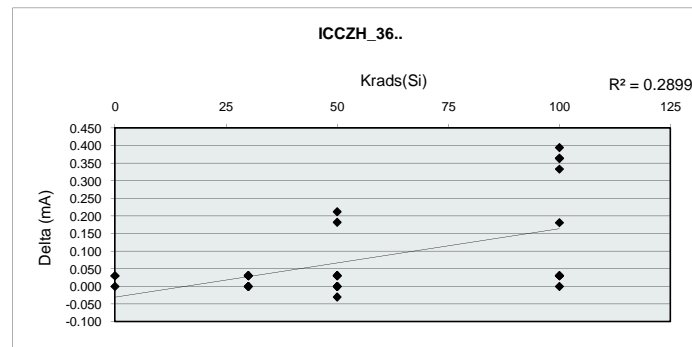
ICCZL_36..				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	25 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	23.509	23.327	23.327	23.267
Average	23.761	23.597	23.600	23.482
Max	24.115	23.842	24.054	23.751
UL	25.000	25.000	25.000	25.000



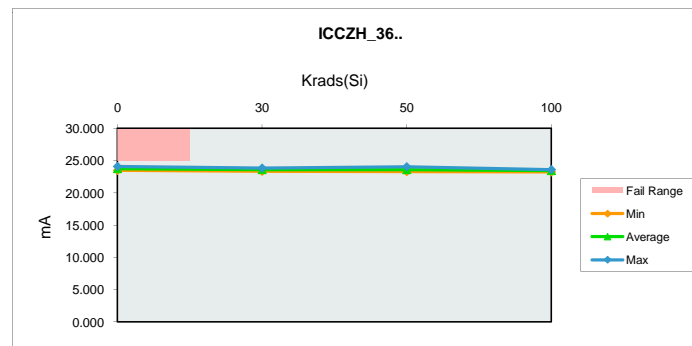
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ICCZH_36..		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	25	25
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	23.691	23.660	0.031	0.13%	0.12%
30	34	23.570	23.539	0.031	0.13%	0.12%
30	35	23.418	23.418	0.000	0.00%	0.00%
30	36	23.357	23.327	0.030	0.13%	0.12%
30	37	23.842	23.812	0.030	0.13%	0.12%
30	38	23.509	23.479	0.030	0.13%	0.12%
30	39	23.630	23.630	0.000	0.00%	0.00%
30	40	23.570	23.570	0.000	0.00%	0.00%
30	41	23.691	23.660	0.031	0.13%	0.12%
30	42	23.842	23.842	0.000	0.00%	0.00%
50	43	23.418	23.418	0.000	0.00%	0.00%
50	44	23.630	23.630	0.000	0.00%	0.00%
50	45	23.691	23.721	-0.030	-0.13%	0.12%
50	46	23.509	23.327	0.182	0.77%	0.73%
50	47	23.509	23.297	0.212	0.90%	0.85%
50	48	23.509	23.509	0.000	0.00%	0.00%
50	49	23.933	23.903	0.030	0.13%	0.12%
50	50	24.085	24.054	0.031	0.13%	0.12%
50	51	23.509	23.479	0.030	0.13%	0.12%
50	52	23.479	23.448	0.031	0.13%	0.12%
100	53	23.660	23.327	0.333	1.41%	1.33%
100	54	23.448	23.267	0.181	0.77%	0.72%
100	55	23.903	23.509	0.394	1.65%	1.58%
100	56	23.691	23.327	0.364	1.54%	1.46%
100	57	23.630	23.267	0.363	1.54%	1.45%
100	58	23.570	23.539	0.031	0.13%	0.12%
100	59	23.600	23.570	0.030	0.13%	0.12%
100	60	23.448	23.448	0.000	0.00%	0.00%
100	61	23.600	23.570	0.030	0.13%	0.12%
100	62	23.630	23.600	0.030	0.13%	0.12%
0	73	23.539	23.509	0.030	0.13%	0.12%
0	74	24.115	24.085	0.030	0.12%	0.12%
0	75	23.660	23.660	0.000	0.00%	0.00%
Max		24.115	24.085	0.394	1.65%	1.58%
Average		23.633	23.558	0.075	0.32%	0.31%
Min		23.357	23.267	-0.030	-0.13%	0.00%
Std Dev		0.182	0.209	0.121	0.51%	0.48%



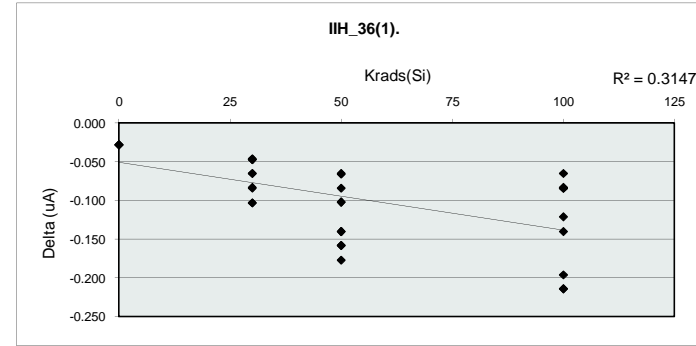
ICCZH_36..				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	25 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	23.509	23.327	23.297	23.267
Average	23.751	23.594	23.579	23.442
Max	24.085	23.842	24.054	23.600
UL	25.000	25.000	25.000	25.000



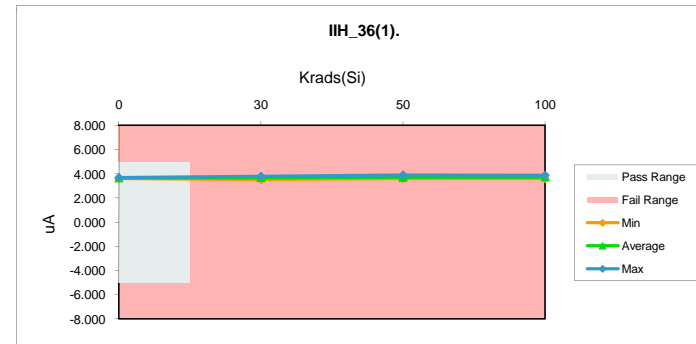
TID HDR Report
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IIH_36(1).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.639	3.685	-0.046	-1.26%	0.46%
30	34	3.639	3.722	-0.083	-2.28%	0.83%
30	35	3.601	3.685	-0.084	-2.33%	0.84%
30	36	3.564	3.667	-0.103	-2.89%	1.03%
30	37	3.601	3.704	-0.103	-2.86%	1.03%
30	38	3.601	3.648	-0.047	-1.31%	0.47%
30	39	3.620	3.685	-0.065	-1.80%	0.65%
30	40	3.508	3.555	-0.047	-1.34%	0.47%
30	41	3.471	3.536	-0.065	-1.87%	0.65%
30	42	3.750	3.797	-0.047	-1.25%	0.47%
50	43	3.527	3.667	-0.140	-3.97%	1.40%
50	44	3.564	3.741	-0.177	-4.97%	1.77%
50	45	3.527	3.685	-0.158	-4.48%	1.58%
50	46	3.583	3.741	-0.158	-4.41%	1.58%
50	47	3.471	3.611	-0.140	-4.03%	1.40%
50	48	3.620	3.722	-0.102	-2.82%	1.02%
50	49	3.676	3.778	-0.102	-2.77%	1.02%
50	50	3.806	3.890	-0.084	-2.21%	0.84%
50	51	3.601	3.667	-0.066	-1.83%	0.66%
50	52	3.546	3.611	-0.065	-1.83%	0.65%
100	53	3.657	3.871	-0.214	-5.85%	2.14%
100	54	3.620	3.834	-0.214	-5.91%	2.14%
100	55	3.620	3.741	-0.121	-3.34%	1.21%
100	56	3.583	3.648	-0.065	-1.81%	0.65%
100	57	3.508	3.704	-0.196	-5.59%	1.96%
100	58	3.639	3.722	-0.083	-2.28%	0.83%
100	59	3.564	3.704	-0.140	-3.93%	1.40%
100	60	3.508	3.592	-0.084	-2.39%	0.84%
100	61	3.676	3.760	-0.084	-2.29%	0.84%
100	62	3.527	3.611	-0.084	-2.38%	0.84%
0	73	3.564	3.592	-0.028	-0.79%	0.28%
0	74	3.639	3.667	-0.028	-0.77%	0.28%
0	75	3.657	3.685	-0.028	-0.77%	0.28%
	Max	3.806	3.890	-0.028	-0.77%	2.14%
	Average	3.596	3.695	-0.099	-2.75%	0.99%
	Min	3.471	3.536	-0.214	-5.91%	0.28%
	Std Dev	0.074	0.082	0.052	1.47%	0.52%



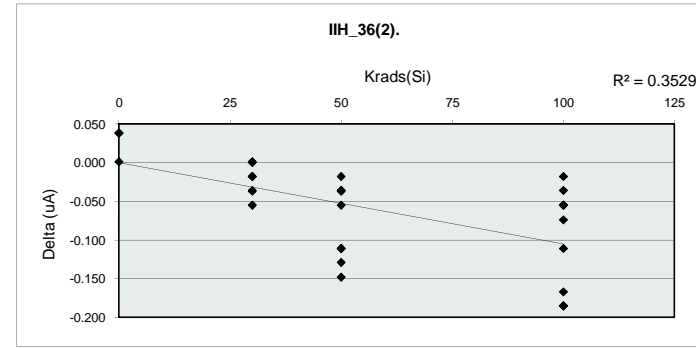
IIH_36(1).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.592	3.536	3.611	3.592
Average	3.648	3.668	3.711	3.719
Max	3.685	3.797	3.890	3.871
UL	5.000	5.000	5.000	5.000



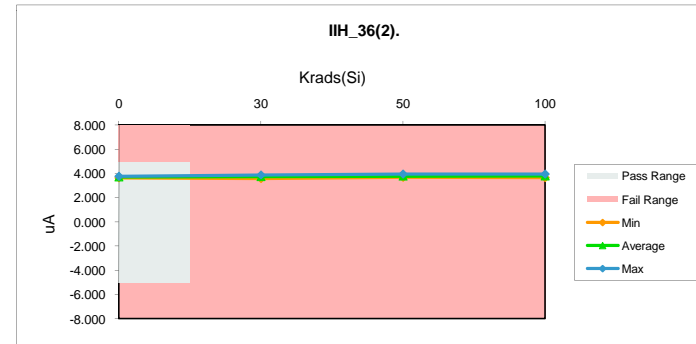
TID HDR Report
SN55LVCP22-SP

IIH_36(2).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.731	3.731	0.000	0.00%	0.00%
30	34	3.750	3.805	-0.055	-1.47%	0.55%
30	35	3.675	3.712	-0.037	-1.01%	0.37%
30	36	3.657	3.693	-0.036	-0.98%	0.36%
30	37	3.731	3.786	-0.055	-1.47%	0.55%
30	38	3.713	3.731	-0.018	-0.48%	0.18%
30	39	3.750	3.749	0.001	0.03%	0.01%
30	40	3.601	3.600	0.001	0.03%	0.01%
30	41	3.564	3.582	-0.018	-0.51%	0.18%
30	42	3.862	3.880	-0.018	-0.47%	0.18%
50	43	3.620	3.749	-0.129	-3.56%	1.29%
50	44	3.657	3.805	-0.148	-4.05%	1.48%
50	45	3.620	3.731	-0.111	-3.07%	1.11%
50	46	3.675	3.786	-0.111	-3.02%	1.11%
50	47	3.564	3.675	-0.111	-3.11%	1.11%
50	48	3.731	3.768	-0.037	-0.99%	0.37%
50	49	3.769	3.824	-0.055	-1.46%	0.55%
50	50	3.918	3.954	-0.036	-0.92%	0.36%
50	51	3.731	3.749	-0.018	-0.48%	0.18%
50	52	3.657	3.693	-0.036	-0.98%	0.36%
100	53	3.769	3.954	-0.185	-4.91%	1.85%
100	54	3.769	3.954	-0.185	-4.91%	1.85%
100	55	3.731	3.842	-0.111	-2.98%	1.11%
100	56	3.694	3.712	-0.018	-0.49%	0.18%
100	57	3.601	3.768	-0.167	-4.64%	1.67%
100	58	3.750	3.786	-0.036	-0.96%	0.36%
100	59	3.675	3.749	-0.074	-2.01%	0.74%
100	60	3.601	3.656	-0.055	-1.53%	0.55%
100	61	3.750	3.805	-0.055	-1.47%	0.55%
100	62	3.601	3.656	-0.055	-1.53%	0.55%
0	73	3.675	3.637	0.038	1.03%	0.38%
0	74	3.731	3.693	0.038	1.02%	0.38%
0	75	3.769	3.768	0.001	0.03%	0.01%
	Max	3.918	3.954	0.038	1.03%	1.85%
	Average	3.700	3.757	-0.057	-1.55%	0.62%
	Min	3.564	3.582	-0.185	-4.91%	0.00%
	Std Dev	0.080	0.092	0.059	1.60%	0.54%



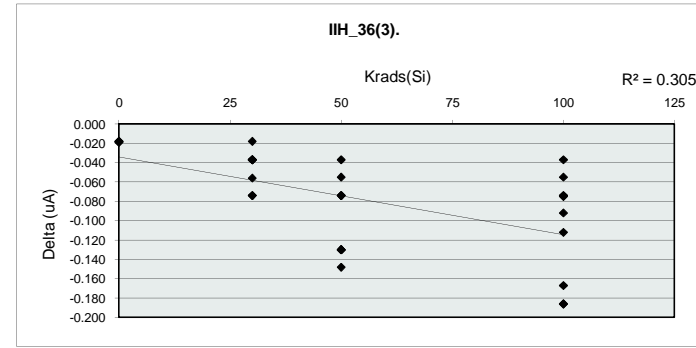
IIH_36(2).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.637	3.582	3.675	3.656
Average	3.699	3.727	3.773	3.788
Max	3.768	3.880	3.954	3.954
UL	5.000	5.000	5.000	5.000



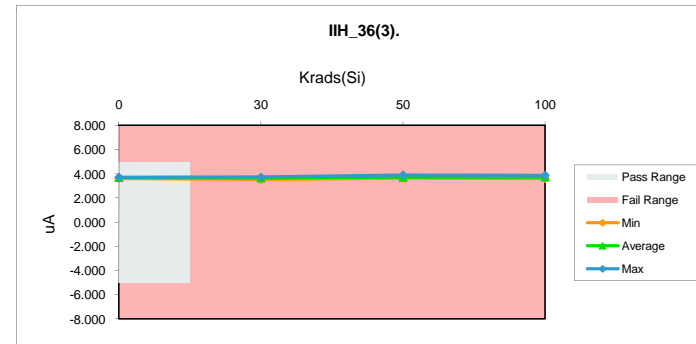
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IIH_36(3).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.659	3.677	-0.018	-0.49%	0.18%
30	34	3.640	3.696	-0.056	-1.54%	0.56%
30	35	3.585	3.659	-0.074	-2.06%	0.74%
30	36	3.566	3.640	-0.074	-2.08%	0.74%
30	37	3.622	3.696	-0.074	-2.04%	0.74%
30	38	3.622	3.659	-0.037	-1.02%	0.37%
30	39	3.640	3.677	-0.037	-1.02%	0.37%
30	40	3.510	3.547	-0.037	-1.05%	0.37%
30	41	3.491	3.528	-0.037	-1.06%	0.37%
30	42	3.696	3.733	-0.037	-1.00%	0.37%
50	43	3.547	3.677	-0.130	-3.67%	1.30%
50	44	3.585	3.733	-0.148	-4.13%	1.48%
50	45	3.566	3.696	-0.130	-3.65%	1.30%
50	46	3.603	3.733	-0.130	-3.61%	1.30%
50	47	3.510	3.640	-0.130	-3.70%	1.30%
50	48	3.622	3.696	-0.074	-2.04%	0.74%
50	49	3.734	3.808	-0.074	-1.98%	0.74%
50	50	3.827	3.901	-0.074	-1.93%	0.74%
50	51	3.622	3.659	-0.037	-1.02%	0.37%
50	52	3.566	3.621	-0.055	-1.54%	0.55%
100	53	3.696	3.882	-0.186	-5.03%	1.86%
100	54	3.640	3.826	-0.186	-5.11%	1.86%
100	55	3.640	3.752	-0.112	-3.08%	1.12%
100	56	3.603	3.640	-0.037	-1.03%	0.37%
100	57	3.529	3.696	-0.167	-4.73%	1.67%
100	58	3.678	3.733	-0.055	-1.50%	0.55%
100	59	3.585	3.677	-0.092	-2.57%	0.92%
100	60	3.529	3.603	-0.074	-2.10%	0.74%
100	61	3.696	3.771	-0.075	-2.03%	0.75%
100	62	3.547	3.621	-0.074	-2.09%	0.74%
0	73	3.585	3.603	-0.018	-0.50%	0.18%
0	74	3.678	3.696	-0.018	-0.49%	0.18%
0	75	3.696	3.715	-0.019	-0.51%	0.19%
	Max	3.827	3.901	-0.074	-1.93%	0.74%
	Average	3.616	3.694	-0.078	-2.16%	0.78%
	Min	3.491	3.528	-0.037	-1.06%	0.37%
	Std Dev	0.073	0.082	0.049	1.36%	0.49%



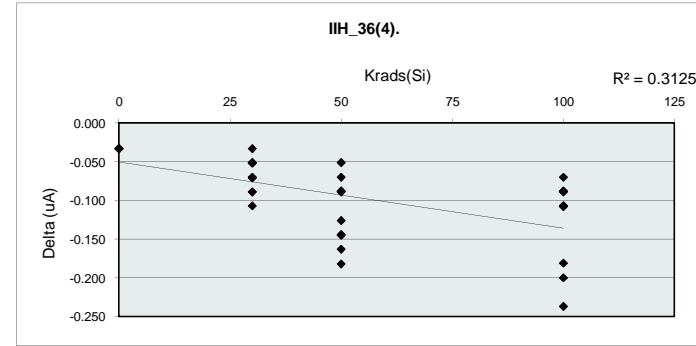
IIH_36(3).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.603	3.528	3.621	3.603
Average	3.671	3.651	3.716	3.720
Max	3.715	3.733	3.901	3.882
UL	5.000	5.000	5.000	5.000



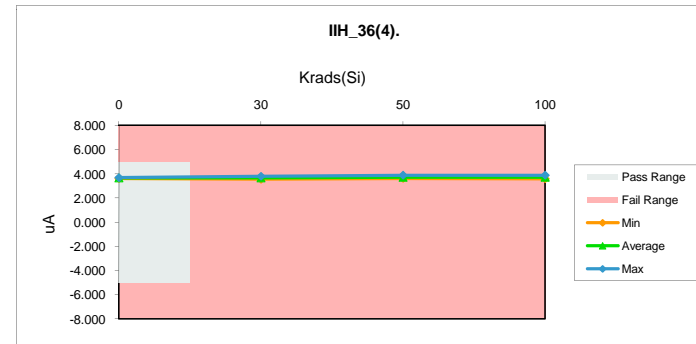
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IIH_36(4).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.645	3.678	-0.033	-0.91%	0.33%
30	34	3.645	3.715	-0.070	-1.92%	0.70%
30	35	3.570	3.659	-0.089	-2.49%	0.89%
30	36	3.533	3.622	-0.089	-2.52%	0.89%
30	37	3.608	3.715	-0.107	-2.97%	1.07%
30	38	3.589	3.640	-0.051	-1.42%	0.51%
30	39	3.608	3.659	-0.051	-1.41%	0.51%
30	40	3.496	3.548	-0.052	-1.49%	0.52%
30	41	3.477	3.548	-0.071	-2.04%	0.71%
30	42	3.719	3.789	-0.070	-1.88%	0.70%
50	43	3.533	3.678	-0.145	-4.10%	1.45%
50	44	3.570	3.752	-0.182	-5.10%	1.82%
50	45	3.515	3.678	-0.163	-4.64%	1.63%
50	46	3.589	3.733	-0.144	-4.01%	1.44%
50	47	3.496	3.622	-0.126	-3.60%	1.26%
50	48	3.608	3.696	-0.088	-2.44%	0.88%
50	49	3.682	3.771	-0.089	-2.42%	0.89%
50	50	3.794	3.882	-0.088	-2.32%	0.88%
50	51	3.608	3.678	-0.070	-1.94%	0.70%
50	52	3.552	3.603	-0.051	-1.44%	0.51%
100	53	3.664	3.845	-0.181	-4.94%	1.81%
100	54	3.645	3.882	-0.237	-6.50%	2.37%
100	55	3.608	3.715	-0.107	-2.97%	1.07%
100	56	3.589	3.659	-0.070	-1.95%	0.70%
100	57	3.496	3.696	-0.200	-5.72%	2.00%
100	58	3.645	3.752	-0.107	-2.94%	1.07%
100	59	3.570	3.678	-0.108	-3.03%	1.08%
100	60	3.496	3.585	-0.089	-2.55%	0.89%
100	61	3.664	3.752	-0.088	-2.40%	0.88%
100	62	3.515	3.603	-0.088	-2.50%	0.88%
0	73	3.570	3.603	-0.033	-0.92%	0.33%
0	74	3.645	3.678	-0.033	-0.91%	0.33%
0	75	3.645	3.678	-0.033	-0.91%	0.33%
Max		3.794	3.882	-0.033	-0.91%	2.37%
Average		3.594	3.691	-0.097	-2.71%	0.97%
Min		3.477	3.548	-0.237	-6.50%	0.33%
Std Dev		0.072	0.083	0.051	1.43%	0.51%



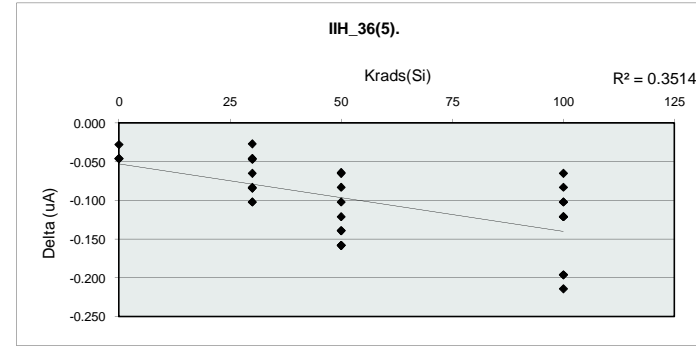
IIH_36(4).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.603	3.548	3.603	3.585
Average	3.653	3.657	3.709	3.717
Max	3.678	3.789	3.882	3.882
UL	5.000	5.000	5.000	5.000



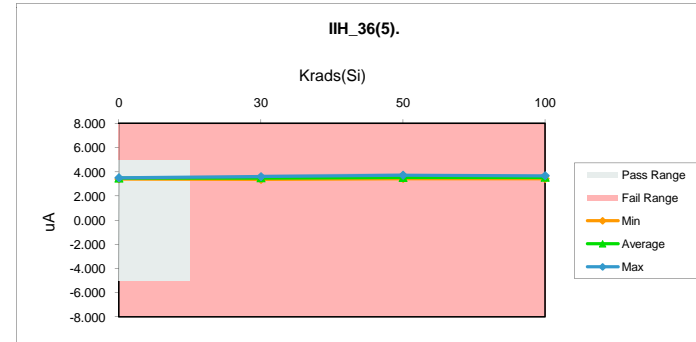
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IIH_36(5).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.453	3.499	-0.046	-1.33%	0.46%
30	34	3.453	3.536	-0.083	-2.40%	0.83%
30	35	3.397	3.499	-0.102	-3.00%	1.02%
30	36	3.378	3.480	-0.102	-3.02%	1.02%
30	37	3.434	3.518	-0.084	-2.45%	0.84%
30	38	3.415	3.462	-0.047	-1.38%	0.47%
30	39	3.453	3.480	-0.027	-0.78%	0.27%
30	40	3.304	3.369	-0.065	-1.97%	0.65%
30	41	3.285	3.369	-0.084	-2.56%	0.84%
30	42	3.546	3.592	-0.046	-1.30%	0.46%
50	43	3.341	3.499	-0.158	-4.73%	1.58%
50	44	3.378	3.536	-0.158	-4.68%	1.58%
50	45	3.341	3.499	-0.158	-4.73%	1.58%
50	46	3.397	3.536	-0.139	-4.09%	1.39%
50	47	3.285	3.424	-0.139	-4.23%	1.39%
50	48	3.434	3.536	-0.102	-2.97%	1.02%
50	49	3.490	3.573	-0.083	-2.38%	0.83%
50	50	3.583	3.704	-0.121	-3.38%	1.21%
50	51	3.434	3.499	-0.065	-1.89%	0.65%
50	52	3.360	3.424	-0.064	-1.90%	0.64%
100	53	3.471	3.667	-0.196	-5.65%	1.96%
100	54	3.434	3.648	-0.214	-6.23%	2.14%
100	55	3.415	3.536	-0.121	-3.54%	1.21%
100	56	3.397	3.462	-0.065	-1.91%	0.65%
100	57	3.322	3.518	-0.196	-5.90%	1.96%
100	58	3.434	3.536	-0.102	-2.97%	1.02%
100	59	3.378	3.499	-0.121	-3.58%	1.21%
100	60	3.322	3.424	-0.102	-3.07%	1.02%
100	61	3.490	3.573	-0.083	-2.38%	0.83%
100	62	3.322	3.443	-0.121	-3.64%	1.21%
0	73	3.378	3.406	-0.028	-0.83%	0.28%
0	74	3.434	3.480	-0.046	-1.34%	0.46%
0	75	3.453	3.499	-0.046	-1.33%	0.46%
	Max	3.583	3.704	-0.027	-0.78%	2.14%
	Average	3.406	3.507	-0.100	-2.96%	1.00%
	Min	3.285	3.369	-0.214	-6.23%	0.27%
	Std Dev	0.070	0.076	0.049	1.46%	0.49%



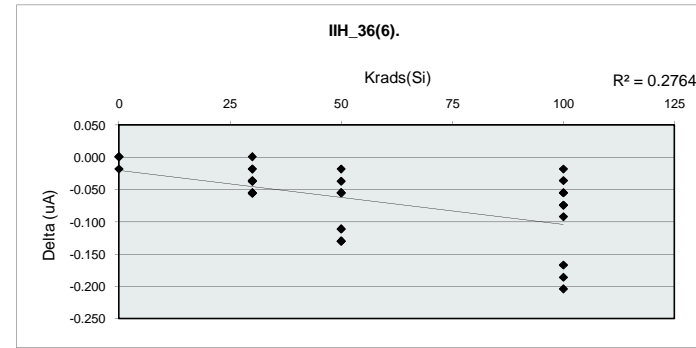
IIH_36(5).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.406	3.369	3.424	3.424
Average	3.462	3.480	3.523	3.531
Max	3.499	3.592	3.704	3.667
UL	5.000	5.000	5.000	5.000



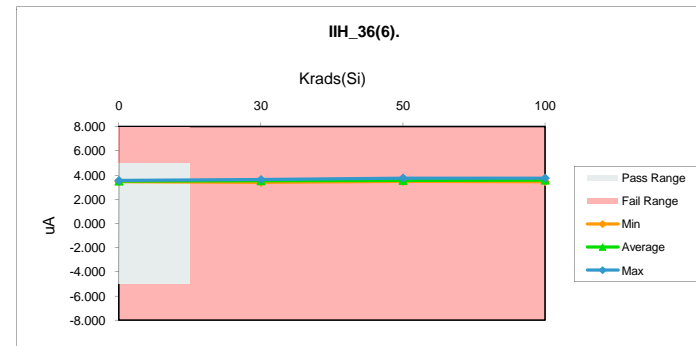
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IIH_36(6).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.508	3.544	-0.036	-1.03%	0.36%
30	34	3.545	3.582	-0.037	-1.04%	0.37%
30	35	3.452	3.507	-0.055	-1.59%	0.55%
30	36	3.433	3.488	-0.055	-1.60%	0.55%
30	37	3.526	3.582	-0.056	-1.59%	0.56%
30	38	3.508	3.526	-0.018	-0.51%	0.18%
30	39	3.526	3.544	-0.018	-0.51%	0.18%
30	40	3.377	3.414	-0.037	-1.10%	0.37%
30	41	3.340	3.395	-0.055	-1.65%	0.55%
30	42	3.638	3.637	0.001	0.03%	0.01%
50	43	3.415	3.526	-0.111	-3.25%	1.11%
50	44	3.452	3.582	-0.130	-3.77%	1.30%
50	45	3.396	3.526	-0.130	-3.83%	1.30%
50	46	3.452	3.582	-0.130	-3.77%	1.30%
50	47	3.359	3.470	-0.111	-3.30%	1.11%
50	48	3.508	3.563	-0.055	-1.57%	0.55%
50	49	3.545	3.600	-0.055	-1.55%	0.55%
50	50	3.694	3.749	-0.055	-1.49%	0.55%
50	51	3.526	3.563	-0.037	-1.05%	0.37%
50	52	3.452	3.470	-0.018	-0.52%	0.18%
100	53	3.545	3.731	-0.186	-5.25%	1.86%
100	54	3.545	3.749	-0.204	-5.75%	2.04%
100	55	3.526	3.600	-0.074	-2.10%	0.74%
100	56	3.489	3.507	-0.018	-0.52%	0.18%
100	57	3.396	3.563	-0.167	-4.92%	1.67%
100	58	3.545	3.600	-0.055	-1.55%	0.55%
100	59	3.452	3.544	-0.092	-2.67%	0.92%
100	60	3.396	3.470	-0.074	-2.18%	0.74%
100	61	3.545	3.600	-0.055	-1.55%	0.55%
100	62	3.415	3.451	-0.036	-1.05%	0.36%
0	73	3.452	3.451	0.001	0.03%	0.01%
0	74	3.489	3.507	-0.018	-0.52%	0.18%
0	75	3.545	3.544	0.001	0.03%	0.01%
	Max	3.694	3.749	0.001	0.03%	2.04%
	Average	3.485	3.551	-0.066	-1.90%	0.66%
	Min	3.340	3.395	-0.204	-5.75%	0.01%
	Std Dev	0.077	0.084	0.053	1.54%	0.53%



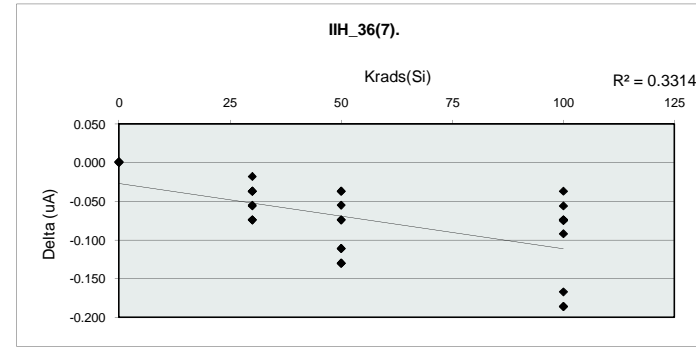
IIH_36(6).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.451	3.395	3.470	3.451
Average	3.501	3.522	3.563	3.582
Max	3.544	3.637	3.749	3.749
UL	5.000	5.000	5.000	5.000



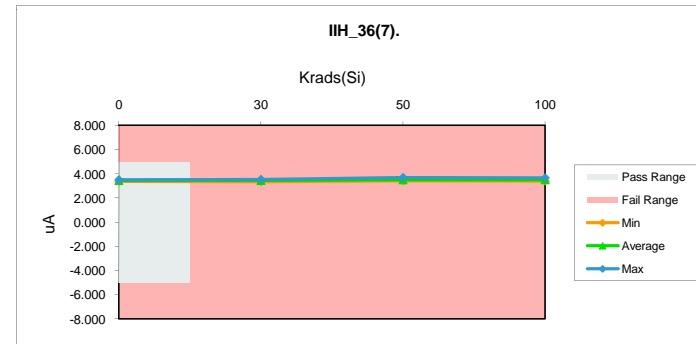
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IIH_36(7).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.454	3.491	-0.037	-1.07%	0.37%
30	34	3.417	3.491	-0.074	-2.17%	0.74%
30	35	3.398	3.454	-0.056	-1.65%	0.56%
30	36	3.361	3.435	-0.074	-2.20%	0.74%
30	37	3.417	3.491	-0.074	-2.17%	0.74%
30	38	3.398	3.435	-0.037	-1.09%	0.37%
30	39	3.435	3.472	-0.037	-1.08%	0.37%
30	40	3.324	3.342	-0.018	-0.54%	0.18%
30	41	3.305	3.342	-0.037	-1.12%	0.37%
30	42	3.473	3.528	-0.055	-1.58%	0.55%
50	43	3.342	3.472	-0.130	-3.89%	1.30%
50	44	3.398	3.528	-0.130	-3.83%	1.30%
50	45	3.361	3.472	-0.111	-3.30%	1.11%
50	46	3.398	3.528	-0.130	-3.83%	1.30%
50	47	3.324	3.435	-0.111	-3.34%	1.11%
50	48	3.398	3.472	-0.074	-2.18%	0.74%
50	49	3.529	3.584	-0.055	-1.56%	0.55%
50	50	3.603	3.677	-0.074	-2.05%	0.74%
50	51	3.417	3.454	-0.037	-1.08%	0.37%
50	52	3.380	3.417	-0.037	-1.09%	0.37%
100	53	3.473	3.659	-0.186	-5.36%	1.86%
100	54	3.435	3.621	-0.186	-5.41%	1.86%
100	55	3.454	3.528	-0.074	-2.14%	0.74%
100	56	3.398	3.435	-0.037	-1.09%	0.37%
100	57	3.324	3.491	-0.167	-5.02%	1.67%
100	58	3.454	3.528	-0.074	-2.14%	0.74%
100	59	3.380	3.472	-0.092	-2.72%	0.92%
100	60	3.342	3.398	-0.056	-1.68%	0.56%
100	61	3.473	3.547	-0.074	-2.13%	0.74%
100	62	3.342	3.417	-0.075	-2.24%	0.75%
0	73	3.380	3.379	0.001	0.03%	0.01%
0	74	3.473	3.472	0.001	0.03%	0.01%
0	75	3.491	3.491	0.000	0.00%	0.00%
	Max	3.603	3.677	0.001	0.03%	1.86%
	Average	3.411	3.484	-0.073	-2.14%	0.73%
	Min	3.305	3.342	-0.186	-5.41%	0.00%
	Std Dev	0.065	0.077	0.049	1.44%	0.49%



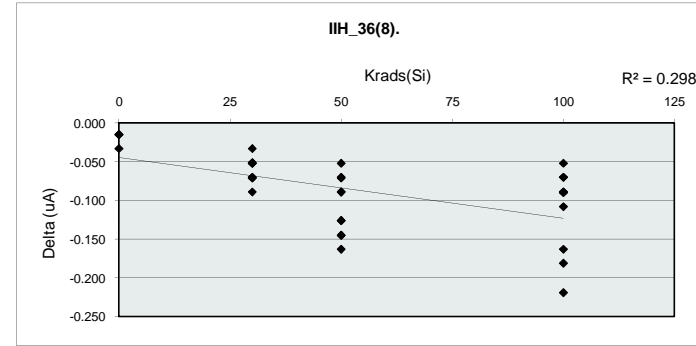
IIH_36(7).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.379	3.342	3.417	3.398
Average	3.447	3.448	3.504	3.510
Max	3.491	3.528	3.677	3.659
UL	5.000	5.000	5.000	5.000



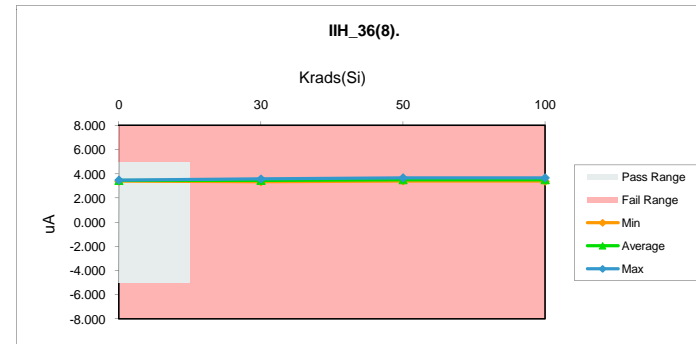
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IIH_36(8).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	3.440	3.473	-0.033	-0.96%	0.33%
30	34	3.440	3.510	-0.070	-2.03%	0.70%
30	35	3.365	3.436	-0.071	-2.11%	0.71%
30	36	3.347	3.417	-0.070	-2.09%	0.70%
30	37	3.403	3.492	-0.089	-2.62%	0.89%
30	38	3.384	3.436	-0.052	-1.54%	0.52%
30	39	3.403	3.455	-0.052	-1.53%	0.52%
30	40	3.291	3.343	-0.052	-1.58%	0.52%
30	41	3.272	3.343	-0.071	-2.17%	0.71%
30	42	3.515	3.566	-0.051	-1.45%	0.51%
50	43	3.328	3.473	-0.145	-4.36%	1.45%
50	44	3.384	3.529	-0.145	-4.28%	1.45%
50	45	3.310	3.473	-0.163	-4.92%	1.63%
50	46	3.384	3.510	-0.126	-3.72%	1.26%
50	47	3.291	3.417	-0.126	-3.83%	1.26%
50	48	3.403	3.473	-0.070	-2.06%	0.70%
50	49	3.477	3.566	-0.089	-2.56%	0.89%
50	50	3.570	3.659	-0.089	-2.49%	0.89%
50	51	3.403	3.455	-0.052	-1.53%	0.52%
50	52	3.328	3.399	-0.071	-2.13%	0.71%
100	53	3.459	3.640	-0.181	-5.23%	1.81%
100	54	3.440	3.659	-0.219	-6.37%	2.19%
100	55	3.384	3.492	-0.108	-3.19%	1.08%
100	56	3.384	3.436	-0.052	-1.54%	0.52%
100	57	3.310	3.473	-0.163	-4.92%	1.63%
100	58	3.459	3.529	-0.070	-2.02%	0.70%
100	59	3.365	3.455	-0.090	-2.67%	0.90%
100	60	3.291	3.380	-0.089	-2.70%	0.89%
100	61	3.459	3.529	-0.070	-2.02%	0.70%
100	62	3.310	3.399	-0.089	-2.69%	0.89%
0	73	3.365	3.380	-0.015	-0.45%	0.15%
0	74	3.440	3.455	-0.015	-0.44%	0.15%
0	75	3.440	3.473	-0.033	-0.96%	0.33%
	Max	3.570	3.659	-0.015	-0.44%	2.19%
	Average	3.389	3.477	-0.087	-2.58%	0.87%
	Min	3.272	3.343	-0.219	-6.37%	0.15%
	Std Dev	0.070	0.079	0.048	1.42%	0.48%



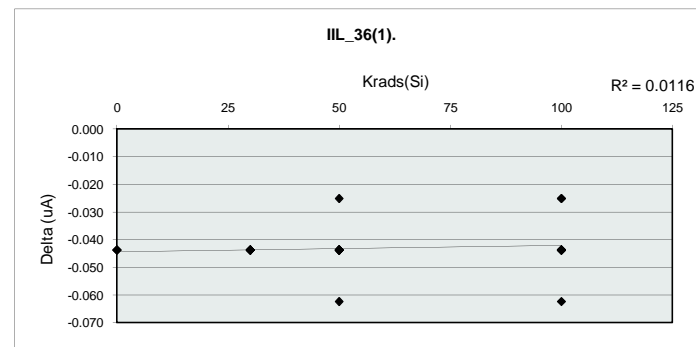
IIH_36(8).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.380	3.343	3.399	3.380
Average	3.436	3.447	3.495	3.499
Max	3.473	3.566	3.659	3.659
UL	5.000	5.000	5.000	5.000



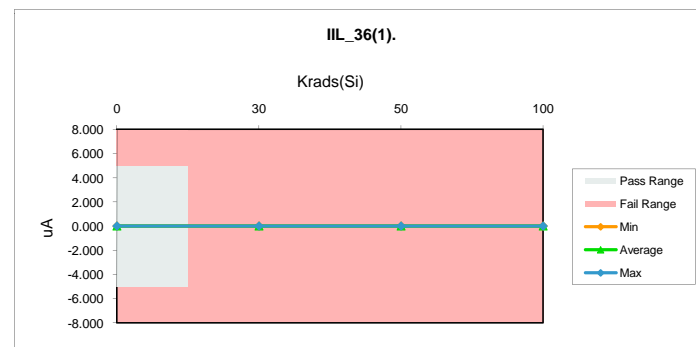
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IIL_36(1).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.046	-0.002	-0.044	96.06%	0.44%
30	34	-0.046	-0.002	-0.044	96.06%	0.44%
30	35	-0.046	-0.002	-0.044	96.06%	0.44%
30	36	-0.046	-0.002	-0.044	96.06%	0.44%
30	37	-0.046	-0.002	-0.044	96.06%	0.44%
30	38	-0.046	-0.002	-0.044	96.06%	0.44%
30	39	-0.046	-0.002	-0.044	96.06%	0.44%
30	40	-0.046	-0.002	-0.044	96.06%	0.44%
30	41	-0.046	-0.002	-0.044	96.06%	0.44%
30	42	-0.046	-0.002	-0.044	96.06%	0.44%
50	43	-0.027	-0.002	-0.025	93.34%	0.25%
50	44	-0.046	-0.002	-0.044	96.06%	0.44%
50	45	-0.064	-0.002	-0.062	97.21%	0.62%
50	46	-0.046	-0.002	-0.044	96.06%	0.44%
50	47	-0.046	-0.002	-0.044	96.06%	0.44%
50	48	-0.046	-0.002	-0.044	96.06%	0.44%
50	49	-0.046	-0.002	-0.044	96.06%	0.44%
50	50	-0.046	-0.002	-0.044	96.06%	0.44%
50	51	-0.046	-0.002	-0.044	96.06%	0.44%
50	52	-0.046	-0.002	-0.044	96.06%	0.44%
100	53	-0.046	-0.002	-0.044	96.06%	0.44%
100	54	-0.046	-0.002	-0.044	96.06%	0.44%
100	55	-0.046	-0.002	-0.044	96.06%	0.44%
100	56	-0.027	-0.002	-0.025	93.34%	0.25%
100	57	-0.046	-0.002	-0.044	96.06%	0.44%
100	58	-0.046	-0.002	-0.044	96.06%	0.44%
100	59	-0.064	-0.002	-0.062	97.21%	0.62%
100	60	-0.027	-0.002	-0.025	93.34%	0.25%
100	61	-0.046	-0.002	-0.044	96.06%	0.44%
100	62	-0.046	-0.002	-0.044	96.06%	0.44%
0	73	-0.046	-0.002	-0.044	96.06%	0.44%
0	74	-0.046	-0.002	-0.044	96.06%	0.44%
0	75	-0.046	-0.002	-0.044	96.06%	0.44%
	Max	-0.027	-0.002	-0.025	97.21%	0.62%
	Average	-0.045	-0.002	-0.043	95.88%	0.43%
	Min	-0.064	-0.002	-0.062	93.34%	0.25%
	Std Dev	0.007	0.000	0.007	0.86%	0.07%



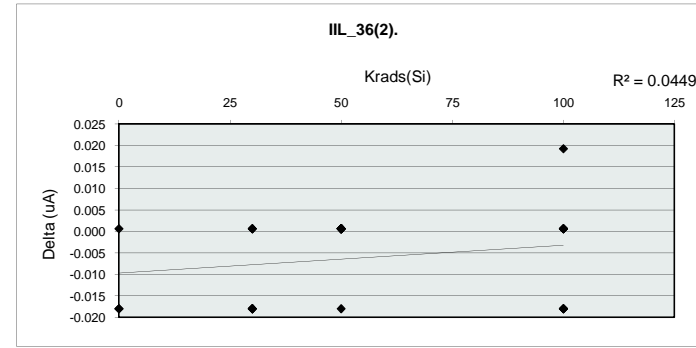
IIL_36(1).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.002	-0.002	-0.002	-0.002
Average	-0.002	-0.002	-0.002	-0.002
Max	-0.002	-0.002	-0.002	-0.002
UL	5.000	5.000	5.000	5.000



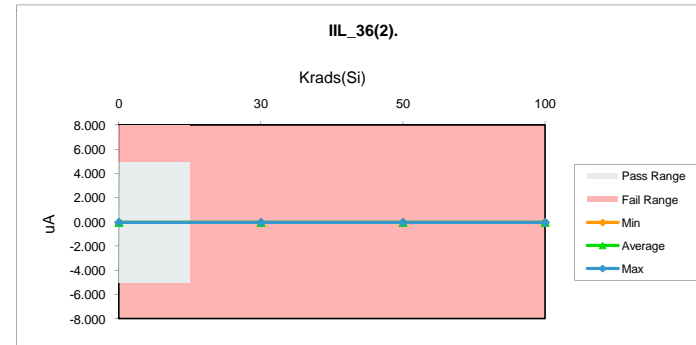
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IIL_36(2).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.051	-0.033	-0.018	35.65%	0.18%
30	34	-0.069	-0.051	-0.018	26.04%	0.18%
30	35	-0.051	-0.033	-0.018	35.65%	0.18%
30	36	-0.051	-0.033	-0.018	35.65%	0.18%
30	37	-0.051	-0.051	0.001	-1.24%	0.01%
30	38	-0.051	-0.051	0.001	-1.24%	0.01%
30	39	-0.051	-0.051	0.001	-1.24%	0.01%
30	40	-0.051	-0.033	-0.018	35.65%	0.18%
30	41	-0.051	-0.033	-0.018	35.65%	0.18%
30	42	-0.051	-0.051	0.001	-1.24%	0.01%
50	43	-0.051	-0.051	0.001	-1.24%	0.01%
50	44	-0.051	-0.033	-0.018	35.65%	0.18%
50	45	-0.051	-0.051	0.001	-1.24%	0.01%
50	46	-0.051	-0.051	0.001	-1.24%	0.01%
50	47	-0.051	-0.051	0.001	-1.24%	0.01%
50	48	-0.051	-0.051	0.001	-1.24%	0.01%
50	49	-0.051	-0.051	0.001	-1.24%	0.01%
50	50	-0.051	-0.051	0.001	-1.24%	0.01%
50	51	-0.051	-0.051	0.001	-1.24%	0.01%
50	52	-0.032	-0.033	0.001	-1.96%	0.01%
100	53	-0.051	-0.051	0.001	-1.24%	0.01%
100	54	-0.051	-0.033	-0.018	35.65%	0.18%
100	55	-0.032	-0.051	0.019	-60.40%	0.19%
100	56	-0.051	-0.033	-0.018	35.65%	0.18%
100	57	-0.051	-0.051	0.001	-1.24%	0.01%
100	58	-0.051	-0.051	0.001	-1.24%	0.01%
100	59	-0.051	-0.051	0.001	-1.24%	0.01%
100	60	-0.051	-0.033	-0.018	35.65%	0.18%
100	61	-0.051	-0.033	-0.018	35.65%	0.18%
100	62	-0.032	-0.033	0.001	-1.96%	0.01%
0	73	-0.051	-0.033	-0.018	35.65%	0.18%
0	74	-0.051	-0.033	-0.018	35.65%	0.18%
0	75	-0.051	-0.051	0.001	-1.24%	0.01%
	Max	-0.032	-0.033	0.019	35.65%	0.19%
	Average	-0.049	-0.043	-0.006	11.16%	0.08%
	Min	-0.069	-0.051	-0.018	-60.40%	0.01%
	Std Dev	0.006	0.009	0.010	22.00%	0.09%



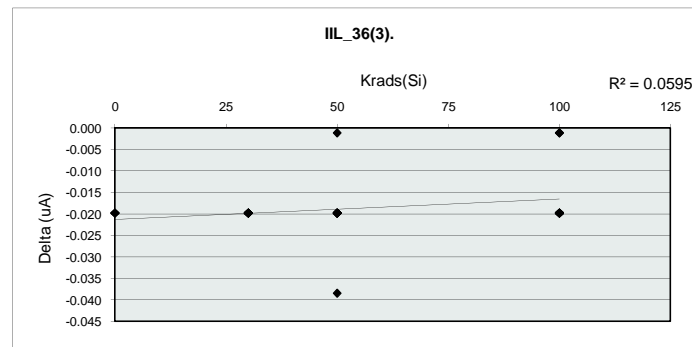
IIL_36(2).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.051	-0.051	-0.051	-0.051
Average	-0.039	-0.042	-0.047	-0.042
Max	-0.033	-0.033	-0.033	-0.033
UL	5.000	5.000	5.000	5.000



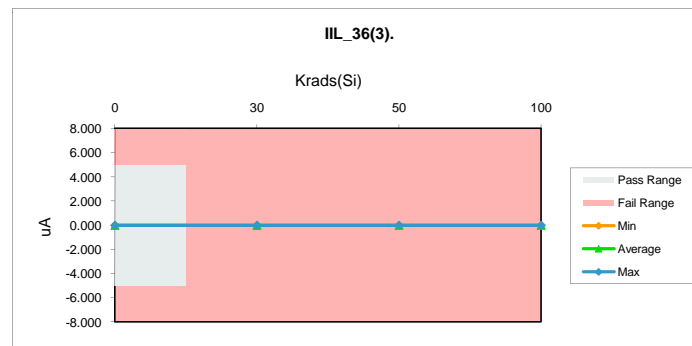
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IIL_36(3).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.031	-0.012	-0.020	63.09%	0.20%
30	34	-0.031	-0.012	-0.020	63.09%	0.20%
30	35	-0.031	-0.012	-0.020	63.09%	0.20%
30	36	-0.031	-0.012	-0.020	63.09%	0.20%
30	37	-0.031	-0.012	-0.020	63.09%	0.20%
30	38	-0.031	-0.012	-0.020	63.09%	0.20%
30	39	-0.031	-0.012	-0.020	63.09%	0.20%
30	40	-0.031	-0.012	-0.020	63.09%	0.20%
30	41	-0.031	-0.012	-0.020	63.09%	0.20%
30	42	-0.031	-0.012	-0.020	63.09%	0.20%
50	43	-0.031	-0.012	-0.020	63.09%	0.20%
50	44	-0.031	-0.012	-0.020	63.09%	0.20%
50	45	-0.031	-0.012	-0.020	63.09%	0.20%
50	46	-0.031	-0.012	-0.020	63.09%	0.20%
50	47	-0.031	-0.012	-0.020	63.09%	0.20%
50	48	-0.031	-0.012	-0.020	63.09%	0.20%
50	49	-0.031	-0.012	-0.020	63.09%	0.20%
50	50	-0.031	-0.030	-0.001	3.79%	0.01%
50	51	-0.050	-0.012	-0.038	76.83%	0.38%
50	52	-0.031	-0.012	-0.020	63.09%	0.20%
100	53	-0.031	-0.030	-0.001	3.79%	0.01%
100	54	-0.031	-0.030	-0.001	3.79%	0.01%
100	55	-0.031	-0.012	-0.020	63.09%	0.20%
100	56	-0.031	-0.012	-0.020	63.09%	0.20%
100	57	-0.031	-0.012	-0.020	63.09%	0.20%
100	58	-0.031	-0.012	-0.020	63.09%	0.20%
100	59	-0.031	-0.012	-0.020	63.09%	0.20%
100	60	-0.031	-0.012	-0.020	63.09%	0.20%
100	61	-0.031	-0.012	-0.020	63.09%	0.20%
100	62	-0.031	-0.012	-0.020	63.09%	0.20%
0	73	-0.031	-0.012	-0.020	63.09%	0.20%
0	74	-0.031	-0.012	-0.020	63.09%	0.20%
0	75	-0.031	-0.012	-0.020	63.09%	0.20%
	Max	-0.031	-0.012	-0.001	76.83%	0.38%
	Average	-0.032	-0.013	-0.019	58.11%	0.19%
	Min	-0.050	-0.030	-0.038	3.79%	0.01%
	Std Dev	0.003	0.005	0.006	17.61%	0.06%



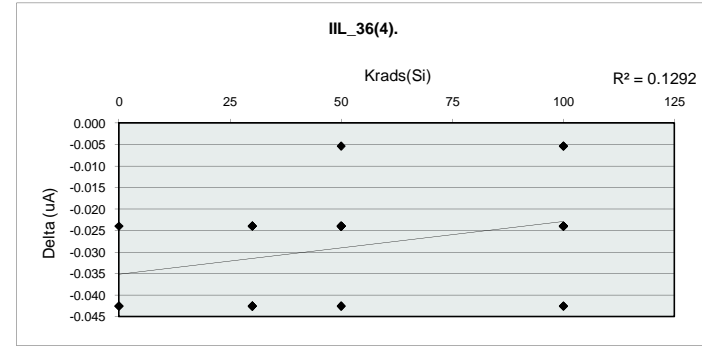
IIL_36(3).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.012	-0.012	-0.030	-0.030
Average	-0.012	-0.012	-0.013	-0.015
Max	-0.012	-0.012	-0.012	-0.012
UL	5.000	5.000	5.000	5.000



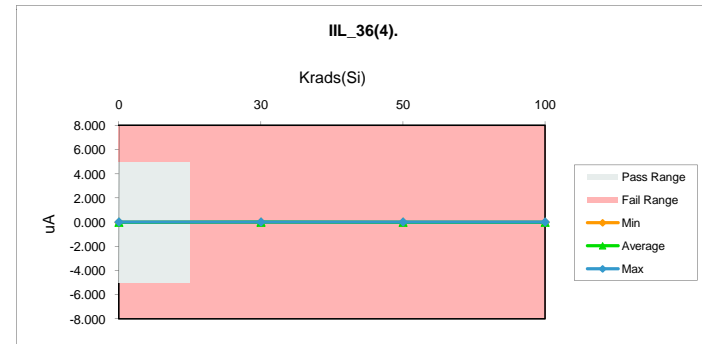
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IIL_36(4).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.044	-0.001	-0.043	97.04%	0.43%
30	34	-0.025	-0.001	-0.024	94.86%	0.24%
30	35	-0.044	-0.001	-0.043	97.04%	0.43%
30	36	-0.025	-0.001	-0.024	94.86%	0.24%
30	37	-0.025	-0.001	-0.024	94.86%	0.24%
30	38	-0.025	-0.001	-0.024	94.86%	0.24%
30	39	-0.044	-0.001	-0.043	97.04%	0.43%
30	40	-0.044	-0.001	-0.043	97.04%	0.43%
30	41	-0.044	-0.001	-0.043	97.04%	0.43%
30	42	-0.044	-0.020	-0.024	54.70%	0.24%
50	43	-0.044	-0.020	-0.024	54.70%	0.24%
50	44	-0.025	-0.020	-0.005	21.29%	0.05%
50	45	-0.044	-0.001	-0.043	97.04%	0.43%
50	46	-0.044	-0.020	-0.024	54.70%	0.24%
50	47	-0.044	-0.001	-0.043	97.04%	0.43%
50	48	-0.044	-0.020	-0.024	54.70%	0.24%
50	49	-0.044	-0.020	-0.024	54.70%	0.24%
50	50	-0.025	-0.001	-0.024	94.86%	0.24%
50	51	-0.025	-0.001	-0.024	94.86%	0.24%
50	52	-0.044	-0.020	-0.024	54.70%	0.24%
100	53	-0.044	-0.020	-0.024	54.70%	0.24%
100	54	-0.025	-0.020	-0.005	21.29%	0.05%
100	55	-0.044	-0.020	-0.024	54.70%	0.24%
100	56	-0.044	-0.020	-0.024	54.70%	0.24%
100	57	-0.025	-0.020	-0.005	21.29%	0.05%
100	58	-0.044	-0.001	-0.043	97.04%	0.43%
100	59	-0.044	-0.001	-0.043	97.04%	0.43%
100	60	-0.025	-0.001	-0.024	94.86%	0.24%
100	61	-0.044	-0.020	-0.024	54.70%	0.24%
100	62	-0.025	-0.001	-0.024	94.86%	0.24%
0	73	-0.044	-0.001	-0.043	97.04%	0.43%
0	74	-0.044	-0.020	-0.024	54.70%	0.24%
0	75	-0.044	-0.001	-0.043	97.04%	0.43%
	Max	-0.025	-0.001	-0.005	97.04%	0.43%
	Average	-0.038	-0.009	-0.028	75.52%	0.28%
	Min	-0.044	-0.020	-0.043	21.29%	0.05%
	Std Dev	0.009	0.009	0.011	26.03%	0.11%



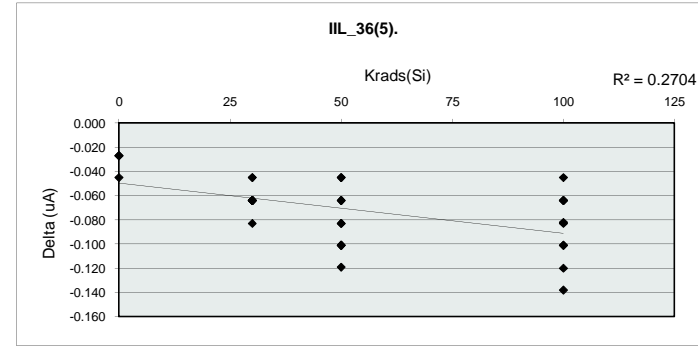
IIL_36(4).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.020	-0.020	-0.020	-0.020
Average	-0.007	-0.003	-0.012	-0.012
Max	-0.001	-0.001	-0.001	-0.001
UL	5.000	5.000	5.000	5.000



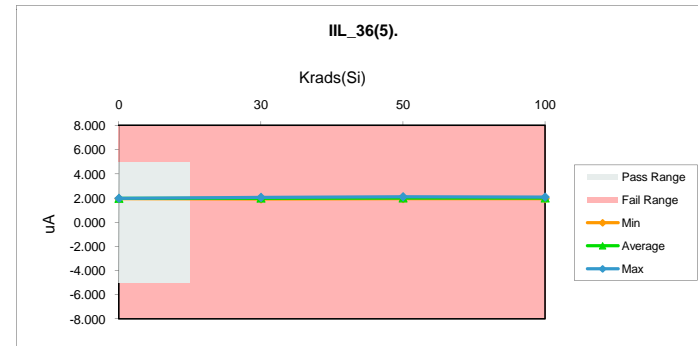
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IIL_36(5).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.927	1.972	-0.045	-2.34%	0.45%
30	34	1.945	2.009	-0.064	-3.29%	0.64%
30	35	1.908	1.991	-0.083	-4.35%	0.83%
30	36	1.908	1.972	-0.064	-3.35%	0.64%
30	37	1.927	1.991	-0.064	-3.32%	0.64%
30	38	1.908	1.972	-0.064	-3.35%	0.64%
30	39	1.927	1.972	-0.045	-2.34%	0.45%
30	40	1.852	1.916	-0.064	-3.46%	0.64%
30	41	1.852	1.916	-0.064	-3.46%	0.64%
30	42	1.983	2.047	-0.064	-3.23%	0.64%
50	43	1.871	1.972	-0.101	-5.40%	1.01%
50	44	1.890	2.009	-0.119	-6.30%	1.19%
50	45	1.871	1.972	-0.101	-5.40%	1.01%
50	46	1.908	2.009	-0.101	-5.29%	1.01%
50	47	1.852	1.935	-0.083	-4.48%	0.83%
50	48	1.908	1.991	-0.083	-4.35%	0.83%
50	49	1.945	2.009	-0.064	-3.29%	0.64%
50	50	2.020	2.084	-0.064	-3.17%	0.64%
50	51	1.927	1.972	-0.045	-2.34%	0.45%
50	52	1.890	1.935	-0.045	-2.38%	0.45%
100	53	1.964	2.065	-0.101	-5.14%	1.01%
100	54	1.927	2.065	-0.138	-7.16%	1.38%
100	55	1.908	1.991	-0.083	-4.35%	0.83%
100	56	1.908	1.953	-0.045	-2.36%	0.45%
100	57	1.871	1.991	-0.120	-6.41%	1.20%
100	58	1.927	2.009	-0.082	-4.26%	0.82%
100	59	1.890	1.991	-0.101	-5.34%	1.01%
100	60	1.871	1.935	-0.064	-3.42%	0.64%
100	61	1.945	2.009	-0.064	-3.29%	0.64%
100	62	1.871	1.935	-0.064	-3.42%	0.64%
0	73	1.908	1.935	-0.027	-1.42%	0.27%
0	74	1.927	1.972	-0.045	-2.34%	0.45%
0	75	1.945	1.972	-0.027	-1.39%	0.27%
	Max	2.020	2.084	-0.027	-1.39%	1.38%
	Average	1.912	1.984	-0.072	-3.79%	0.72%
	Min	1.852	1.916	-0.138	-7.16%	0.27%
	Std Dev	0.038	0.041	0.027	1.42%	0.27%



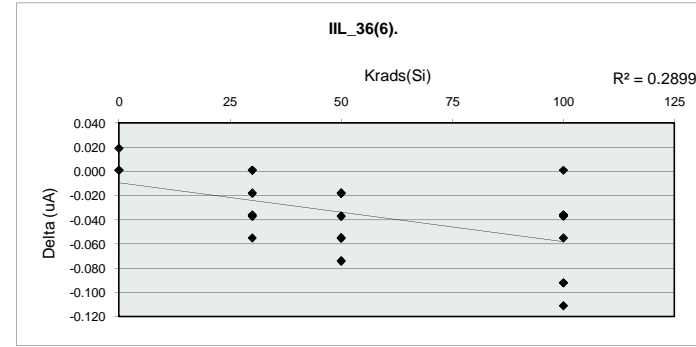
IIL_36(5).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.935	1.916	1.935	1.935
Average	1.960	1.976	1.989	1.994
Max	1.972	2.047	2.084	2.065
UL	5.000	5.000	5.000	5.000



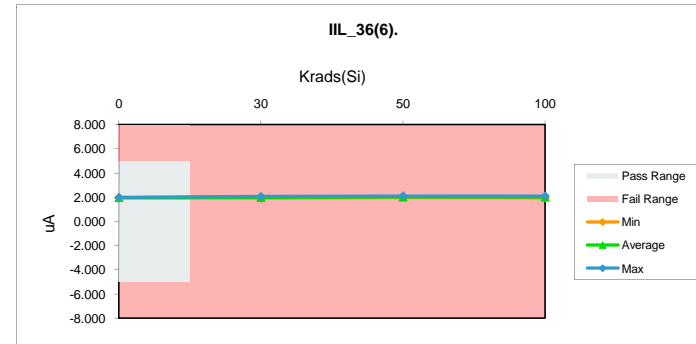
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IIL_36(6).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.980	1.979	0.001	0.05%	0.01%
30	34	1.999	2.035	-0.036	-1.80%	0.36%
30	35	1.943	1.979	-0.036	-1.85%	0.36%
30	36	1.924	1.961	-0.037	-1.92%	0.37%
30	37	1.962	2.017	-0.055	-2.80%	0.55%
30	38	1.980	1.979	0.001	0.05%	0.01%
30	39	1.999	1.998	0.001	0.05%	0.01%
30	40	1.906	1.924	-0.018	-0.94%	0.18%
30	41	1.887	1.905	-0.018	-0.95%	0.18%
30	42	2.036	2.073	-0.037	-1.82%	0.37%
50	43	1.924	1.998	-0.074	-3.85%	0.74%
50	44	1.943	2.017	-0.074	-3.81%	0.74%
50	45	1.924	1.979	-0.055	-2.86%	0.55%
50	46	1.962	2.017	-0.055	-2.80%	0.55%
50	47	1.906	1.961	-0.055	-2.89%	0.55%
50	48	1.980	2.017	-0.037	-1.87%	0.37%
50	49	1.999	2.017	-0.018	-0.90%	0.18%
50	50	2.073	2.110	-0.037	-1.78%	0.37%
50	51	1.980	1.998	-0.018	-0.91%	0.18%
50	52	1.943	1.961	-0.018	-0.93%	0.18%
100	53	1.999	2.091	-0.092	-4.60%	0.92%
100	54	1.999	2.110	-0.111	-5.55%	1.11%
100	55	1.999	2.035	-0.036	-1.80%	0.36%
100	56	1.962	1.961	0.001	0.05%	0.01%
100	57	1.906	1.998	-0.092	-4.83%	0.92%
100	58	1.980	2.017	-0.037	-1.87%	0.37%
100	59	1.943	1.998	-0.055	-2.83%	0.55%
100	60	1.906	1.942	-0.036	-1.89%	0.36%
100	61	1.999	2.035	-0.036	-1.80%	0.36%
100	62	1.906	1.942	-0.036	-1.89%	0.36%
0	73	1.943	1.942	0.001	0.05%	0.01%
0	74	1.980	1.961	0.019	0.96%	0.19%
0	75	1.999	1.998	0.001	0.05%	0.01%
	Max	2.073	2.110	0.019	0.96%	1.11%
	Average	1.963	1.999	-0.036	-1.83%	0.37%
	Min	1.887	1.905	-0.111	-5.55%	0.01%
	Std Dev	0.043	0.049	0.030	1.55%	0.28%



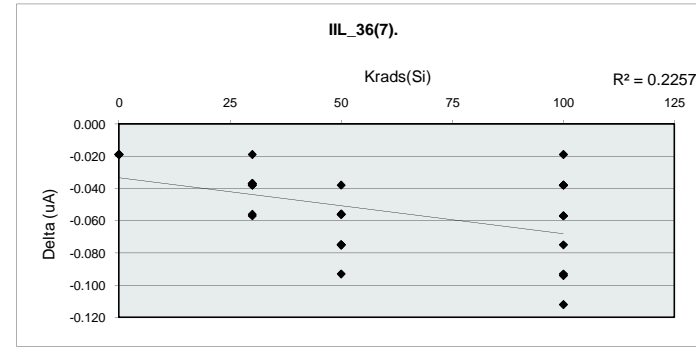
IIL_36(6).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.942	1.905	1.961	1.942
Average	1.967	1.985	2.008	2.013
Max	1.998	2.073	2.110	2.110
UL	5.000	5.000	5.000	5.000



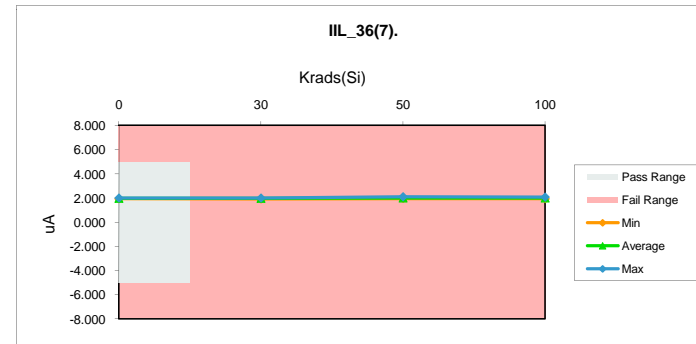
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IIL_36(7).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.963	1.982	-0.019	-0.97%	0.19%
30	34	1.944	2.001	-0.057	-2.93%	0.57%
30	35	1.926	1.963	-0.037	-1.92%	0.37%
30	36	1.907	1.963	-0.056	-2.94%	0.56%
30	37	1.944	1.982	-0.038	-1.95%	0.38%
30	38	1.926	1.963	-0.037	-1.92%	0.37%
30	39	1.944	1.982	-0.038	-1.95%	0.38%
30	40	1.870	1.907	-0.037	-1.98%	0.37%
30	41	1.870	1.907	-0.037	-1.98%	0.37%
30	42	1.963	2.001	-0.038	-1.94%	0.38%
50	43	1.907	1.982	-0.075	-3.93%	0.75%
50	44	1.926	2.001	-0.075	-3.89%	0.75%
50	45	1.907	1.982	-0.075	-3.93%	0.75%
50	46	1.926	2.001	-0.075	-3.89%	0.75%
50	47	1.870	1.963	-0.093	-4.97%	0.93%
50	48	1.926	1.982	-0.056	-2.91%	0.56%
50	49	1.982	2.038	-0.056	-2.83%	0.56%
50	50	2.038	2.094	-0.056	-2.75%	0.56%
50	51	1.926	1.982	-0.056	-2.91%	0.56%
50	52	1.907	1.945	-0.038	-1.99%	0.38%
100	53	1.982	2.075	-0.093	-4.69%	0.93%
100	54	1.944	2.056	-0.112	-5.76%	1.12%
100	55	1.944	2.001	-0.057	-2.93%	0.57%
100	56	1.926	1.945	-0.019	-0.99%	0.19%
100	57	1.888	1.982	-0.094	-4.98%	0.94%
100	58	1.963	2.001	-0.038	-1.94%	0.38%
100	59	1.907	1.982	-0.075	-3.93%	0.75%
100	60	1.888	1.926	-0.038	-2.01%	0.38%
100	61	1.963	2.001	-0.038	-1.94%	0.38%
100	62	1.888	1.945	-0.057	-3.02%	0.57%
0	73	1.907	1.926	-0.019	-1.00%	0.19%
0	74	1.963	1.982	-0.019	-0.97%	0.19%
0	75	1.982	2.001	-0.019	-0.96%	0.19%
Max	2.038	2.094	-0.019	-0.96%	1.12%	
Average	1.931	1.983	-0.052	-2.72%	0.52%	
Min	1.870	1.907	-0.112	-5.76%	0.19%	
Std Dev	0.038	0.042	0.025	1.28%	0.25%	



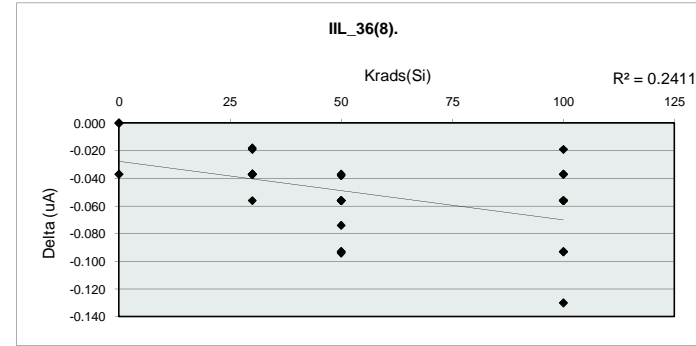
IIL_36(7).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.926	1.907	1.945	1.926
Average	1.970	1.965	1.997	1.991
Max	2.001	2.001	2.094	2.075
UL	5.000	5.000	5.000	5.000



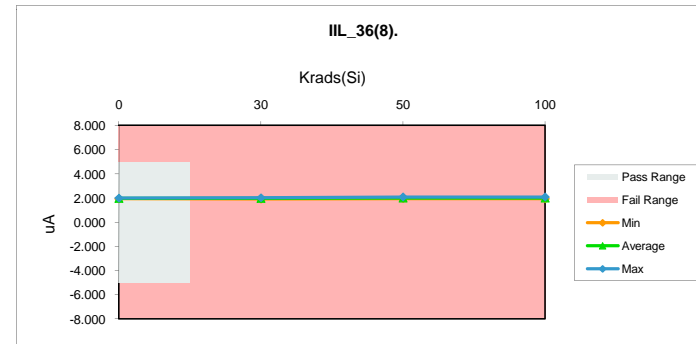
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IIL_36(8).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.950	1.987	-0.037	-1.90%	0.37%
30	34	1.950	1.987	-0.037	-1.90%	0.37%
30	35	1.931	1.968	-0.037	-1.92%	0.37%
30	36	1.894	1.950	-0.056	-2.96%	0.56%
30	37	1.950	1.987	-0.037	-1.90%	0.37%
30	38	1.931	1.950	-0.019	-0.98%	0.19%
30	39	1.950	1.968	-0.018	-0.92%	0.18%
30	40	1.875	1.912	-0.037	-1.97%	0.37%
30	41	1.875	1.912	-0.037	-1.97%	0.37%
30	42	1.987	2.024	-0.037	-1.86%	0.37%
50	43	1.894	1.968	-0.074	-3.91%	0.74%
50	44	1.931	2.024	-0.093	-4.82%	0.93%
50	45	1.875	1.968	-0.093	-4.96%	0.93%
50	46	1.931	1.987	-0.056	-2.90%	0.56%
50	47	1.856	1.950	-0.094	-5.06%	0.94%
50	48	1.931	1.987	-0.056	-2.90%	0.56%
50	49	1.968	2.024	-0.056	-2.85%	0.56%
50	50	2.024	2.080	-0.056	-2.77%	0.56%
50	51	1.931	1.968	-0.037	-1.92%	0.37%
50	52	1.912	1.950	-0.038	-1.99%	0.38%
100	53	1.968	2.061	-0.093	-4.73%	0.93%
100	54	1.950	2.080	-0.130	-6.67%	1.30%
100	55	1.931	1.987	-0.056	-2.90%	0.56%
100	56	1.931	1.950	-0.019	-0.98%	0.19%
100	57	1.875	1.968	-0.093	-4.96%	0.93%
100	58	1.968	2.005	-0.037	-1.88%	0.37%
100	59	1.912	1.968	-0.056	-2.93%	0.56%
100	60	1.875	1.931	-0.056	-2.99%	0.56%
100	61	1.968	2.024	-0.056	-2.85%	0.56%
100	62	1.894	1.931	-0.037	-1.95%	0.37%
0	73	1.931	1.931	0.000	0.00%	0.00%
0	74	1.968	1.968	0.000	0.00%	0.00%
0	75	1.950	1.987	-0.037	-1.90%	0.37%
	Max	2.024	2.080	0.000	0.00%	1.30%
	Average	1.929	1.980	-0.051	-2.64%	0.51%
	Min	1.856	1.912	-0.130	-6.67%	0.00%
	Std Dev	0.038	0.042	0.029	1.51%	0.29%



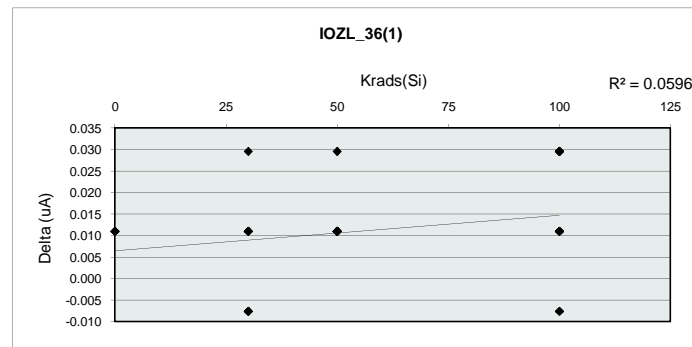
IIL_36(8).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.931	1.912	1.950	1.931
Average	1.962	1.965	1.991	1.991
Max	1.987	2.024	2.080	2.080
UL	5.000	5.000	5.000	5.000



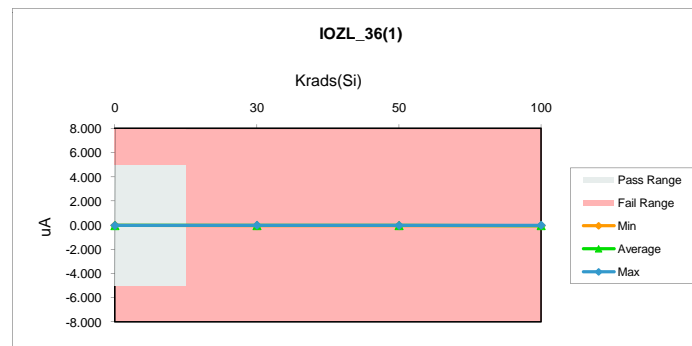
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IOZL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.017	-0.009	-0.008	44.70%	0.08%
30	34	-0.017	-0.028	0.011	-64.20%	0.11%
30	35	-0.017	-0.009	-0.008	44.70%	0.08%
30	36	-0.036	-0.028	-0.008	21.42%	0.08%
30	37	-0.017	-0.028	0.011	-64.20%	0.11%
30	38	-0.017	-0.028	0.011	-64.20%	0.11%
30	39	-0.017	-0.028	0.011	-64.20%	0.11%
30	40	-0.017	-0.009	-0.008	44.70%	0.08%
30	41	-0.017	-0.028	0.011	-64.20%	0.11%
30	42	-0.017	-0.047	0.030	-173.10%	0.30%
50	43	-0.017	-0.028	0.011	-64.20%	0.11%
50	44	-0.017	-0.028	0.011	-64.20%	0.11%
50	45	-0.017	-0.028	0.011	-64.20%	0.11%
50	46	-0.017	-0.047	0.030	-173.10%	0.30%
50	47	-0.017	-0.028	0.011	-64.20%	0.11%
50	48	-0.017	-0.028	0.011	-64.20%	0.11%
50	49	-0.017	-0.028	0.011	-64.20%	0.11%
50	50	-0.017	-0.028	0.011	-64.20%	0.11%
50	51	-0.017	-0.028	0.011	-64.20%	0.11%
50	52	-0.017	-0.028	0.011	-64.20%	0.11%
100	53	-0.017	-0.047	0.030	-173.10%	0.30%
100	54	-0.017	-0.047	0.030	-173.10%	0.30%
100	55	-0.017	-0.047	0.030	-173.10%	0.30%
100	56	-0.017	-0.009	-0.008	44.70%	0.08%
100	57	-0.017	-0.047	0.030	-173.10%	0.30%
100	58	-0.017	-0.028	0.011	-64.20%	0.11%
100	59	-0.017	-0.028	0.011	-64.20%	0.11%
100	60	-0.017	-0.028	0.011	-64.20%	0.11%
100	61	-0.017	-0.028	0.011	-64.20%	0.11%
100	62	-0.017	-0.009	-0.008	44.70%	0.08%
0	73	-0.017	-0.028	0.011	-64.20%	0.11%
0	74	-0.017	-0.028	0.011	-64.20%	0.11%
0	75	-0.017	-0.028	0.011	-64.20%	0.11%
Max		-0.017	-0.009	0.030	44.70%	0.30%
Average		-0.018	-0.029	0.011	-64.90%	0.14%
Min		-0.036	-0.047	-0.008	-173.10%	0.08%
Std Dev		0.003	0.011	0.011	65.61%	0.08%



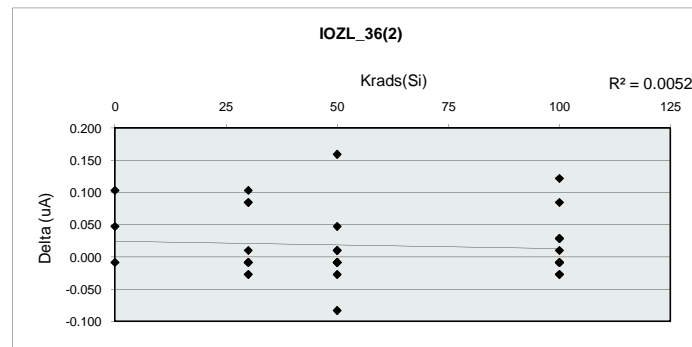
IOZL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.028	-0.047	-0.047	-0.047
Average	-0.028	-0.024	-0.030	-0.032
Max	-0.028	-0.009	-0.028	-0.009
UL	5.000	5.000	5.000	5.000



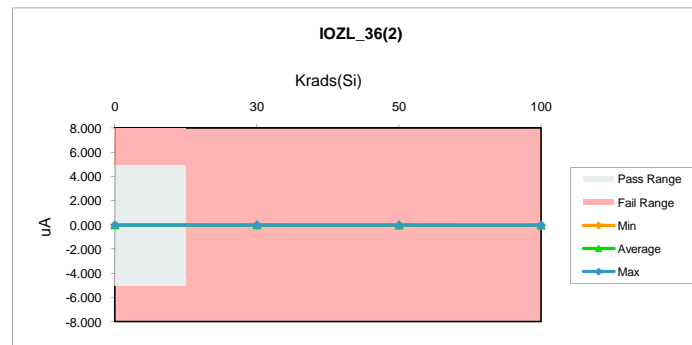
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IOZL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.019	-0.010	-0.009	46.33%	0.09%
30	34	-0.019	-0.010	-0.009	46.33%	0.09%
30	35	-0.038	-0.010	-0.027	72.89%	0.27%
30	36	0.074	-0.010	0.084	113.77%	0.84%
30	37	0.074	-0.010	0.084	113.77%	0.84%
30	38	0.000	-0.010	0.010	-2546.33%	0.10%
30	39	0.093	-0.010	0.103	111.00%	1.03%
30	40	-0.019	-0.010	-0.009	46.33%	0.09%
30	41	-0.038	-0.010	-0.027	72.89%	0.27%
30	42	-0.019	-0.010	-0.009	46.33%	0.09%
50	43	-0.019	-0.029	0.010	-51.32%	0.10%
50	44	0.000	-0.010	0.010	-2546.33%	0.10%
50	45	-0.019	-0.010	-0.009	46.33%	0.09%
50	46	-0.019	-0.010	-0.009	46.33%	0.09%
50	47	-0.056	-0.029	-0.028	48.87%	0.28%
50	48	-0.019	-0.010	-0.009	46.33%	0.09%
50	49	0.149	-0.010	0.159	106.87%	1.59%
50	50	-0.019	-0.010	-0.009	46.33%	0.09%
50	51	0.037	-0.010	0.047	127.68%	0.47%
50	52	-0.094	-0.010	-0.083	89.09%	0.83%
100	53	-0.019	-0.047	0.028	-148.97%	0.28%
100	54	-0.056	-0.047	-0.009	15.87%	0.09%
100	55	-0.019	-0.047	0.028	-148.97%	0.28%
100	56	-0.019	-0.010	-0.009	46.33%	0.09%
100	57	0.074	-0.047	0.121	163.86%	1.21%
100	58	-0.038	-0.010	-0.027	72.89%	0.27%
100	59	0.000	-0.010	0.010	-2546.33%	0.10%
100	60	-0.038	-0.010	-0.027	72.89%	0.27%
100	61	-0.038	-0.029	-0.009	23.57%	0.09%
100	62	0.074	-0.010	0.084	113.77%	0.84%
0	73	0.093	-0.010	0.103	111.00%	1.03%
0	74	-0.019	-0.010	-0.009	46.33%	0.09%
0	75	0.037	-0.010	0.047	127.68%	0.47%
Max		0.149	-0.010	0.159	163.86%	1.59%
Average		0.002	-0.016	0.018	-180.81%	0.38%
Min		-0.094	-0.047	-0.083	-2546.33%	0.09%
Std Dev		0.053	0.013	0.053	762.56%	0.41%



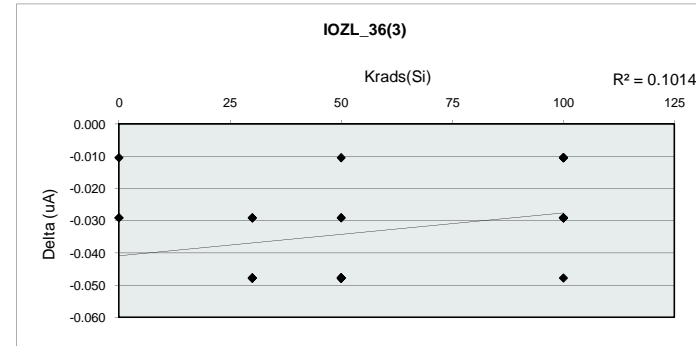
IOZL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.010	-0.010	-0.029	-0.047
Average	-0.010	-0.010	-0.014	-0.027
Max	-0.010	-0.010	-0.010	-0.010
UL	5.000	5.000	5.000	5.000



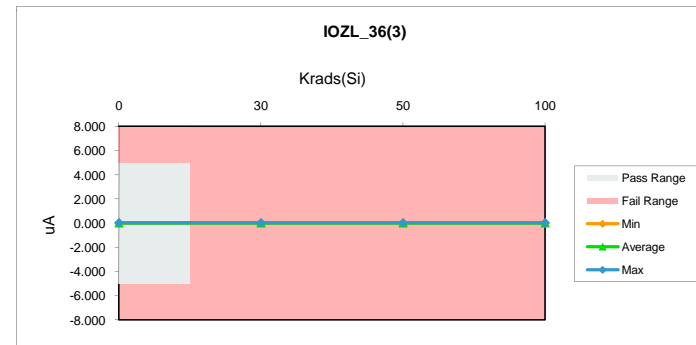
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IOZL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.025	0.023	-0.048	190.68%	0.48%
30	34	-0.025	0.023	-0.048	190.68%	0.48%
30	35	-0.025	0.004	-0.029	116.46%	0.29%
30	36	-0.006	0.023	-0.029	455.01%	0.29%
30	37	-0.025	0.023	-0.048	190.68%	0.48%
30	38	-0.025	0.023	-0.048	190.68%	0.48%
30	39	-0.006	0.023	-0.029	455.01%	0.29%
30	40	-0.025	0.004	-0.029	116.46%	0.29%
30	41	-0.025	0.023	-0.048	190.68%	0.48%
30	42	-0.025	0.023	-0.048	190.68%	0.48%
50	43	-0.006	0.023	-0.029	455.01%	0.29%
50	44	-0.025	0.023	-0.048	190.68%	0.48%
50	45	-0.025	0.023	-0.048	190.68%	0.48%
50	46	-0.025	0.023	-0.048	190.68%	0.48%
50	47	-0.006	0.023	-0.029	455.01%	0.29%
50	48	-0.006	0.004	-0.011	164.43%	0.11%
50	49	-0.025	0.023	-0.048	190.68%	0.48%
50	50	-0.025	0.023	-0.048	190.68%	0.48%
50	51	-0.025	0.023	-0.048	190.68%	0.48%
50	52	-0.025	0.023	-0.048	190.68%	0.48%
100	53	-0.006	0.004	-0.011	164.43%	0.11%
100	54	-0.025	0.004	-0.029	116.46%	0.29%
100	55	-0.025	0.004	-0.029	116.46%	0.29%
100	56	-0.025	0.004	-0.029	116.46%	0.29%
100	57	-0.006	0.004	-0.011	164.43%	0.11%
100	58	-0.006	0.023	-0.029	455.01%	0.29%
100	59	-0.006	0.023	-0.029	455.01%	0.29%
100	60	-0.006	0.004	-0.011	164.43%	0.11%
100	61	-0.006	0.004	-0.011	164.43%	0.11%
100	62	-0.025	0.023	-0.048	190.68%	0.48%
0	73	-0.006	0.004	-0.011	164.43%	0.11%
0	74	-0.006	0.023	-0.029	455.01%	0.29%
0	75	-0.006	0.023	-0.029	455.01%	0.29%
Max		-0.006	0.023	-0.011	455.01%	0.48%
Average		-0.017	0.017	-0.034	238.74%	0.34%
Min		-0.025	0.004	-0.048	116.46%	0.11%
Std Dev		0.009	0.009	0.014	126.79%	0.14%



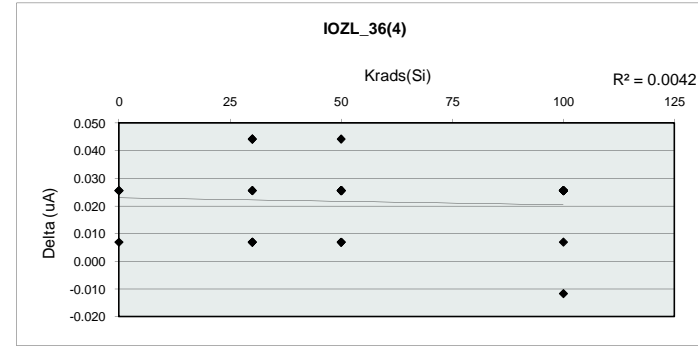
IOZL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	0.004	0.004	0.004	0.004
Average	0.017	0.019	0.021	0.010
Max	0.023	0.023	0.023	0.023
UL	5.000	5.000	5.000	5.000



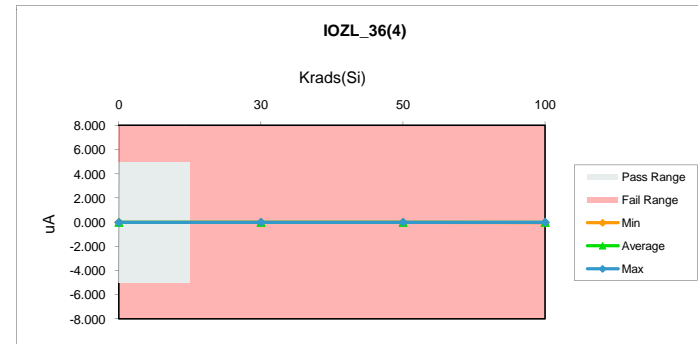
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IOZL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.020	-0.024	0.044	219.43%	0.44%
30	34	0.002	-0.024	0.026	1697.01%	0.26%
30	35	0.020	-0.024	0.044	219.43%	0.44%
30	36	-0.017	-0.024	0.007	-40.43%	0.07%
30	37	0.020	-0.024	0.044	219.43%	0.44%
30	38	-0.017	-0.024	0.007	-40.43%	0.07%
30	39	0.002	-0.005	0.007	460.80%	0.07%
30	40	-0.017	-0.024	0.007	-40.43%	0.07%
30	41	0.020	-0.005	0.026	126.98%	0.26%
30	42	0.002	-0.024	0.026	1697.01%	0.26%
50	43	-0.017	-0.024	0.007	-40.43%	0.07%
50	44	0.002	-0.024	0.026	1697.01%	0.26%
50	45	0.002	-0.024	0.026	1697.01%	0.26%
50	46	0.020	-0.024	0.044	219.43%	0.44%
50	47	0.002	-0.024	0.026	1697.01%	0.26%
50	48	0.002	-0.024	0.026	1697.01%	0.26%
50	49	0.002	-0.024	0.026	1697.01%	0.26%
50	50	-0.017	-0.024	0.007	-40.43%	0.07%
50	51	-0.017	-0.024	0.007	-40.43%	0.07%
50	52	0.020	-0.005	0.026	126.98%	0.26%
100	53	-0.017	-0.043	0.026	-149.14%	0.26%
100	54	0.002	-0.005	0.007	460.80%	0.07%
100	55	-0.017	-0.043	0.026	-149.14%	0.26%
100	56	0.002	-0.024	0.026	1697.01%	0.26%
100	57	-0.017	-0.043	0.026	-149.14%	0.26%
100	58	0.002	-0.024	0.026	1697.01%	0.26%
100	59	0.002	-0.024	0.026	1697.01%	0.26%
100	60	0.002	-0.024	0.026	1697.01%	0.26%
100	61	-0.017	-0.005	-0.012	68.27%	0.12%
100	62	0.002	-0.024	0.026	1697.01%	0.26%
0	73	0.002	-0.024	0.026	1697.01%	0.26%
0	74	-0.017	-0.024	0.007	-40.43%	0.07%
0	75	0.002	-0.024	0.026	1697.01%	0.26%
Max		0.020	-0.005	0.044	1697.01%	0.44%
Average		-0.001	-0.023	0.022	762.10%	0.22%
Min		-0.017	-0.043	-0.012	-149.14%	0.07%
Std Dev		0.013	0.009	0.013	826.97%	0.12%



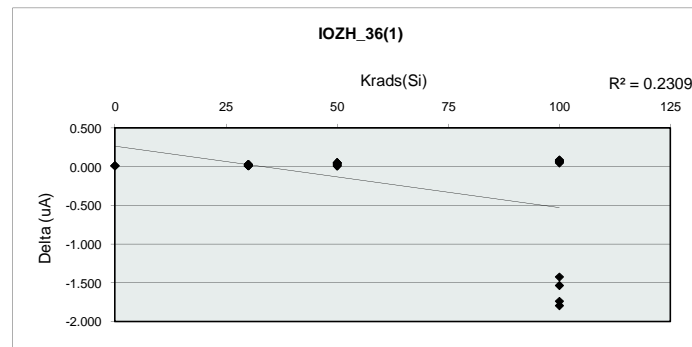
IOZL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.024	-0.024	-0.024	-0.043
Average	-0.024	-0.020	-0.022	-0.026
Max	-0.024	-0.005	-0.005	-0.005
UL	5.000	5.000	5.000	5.000



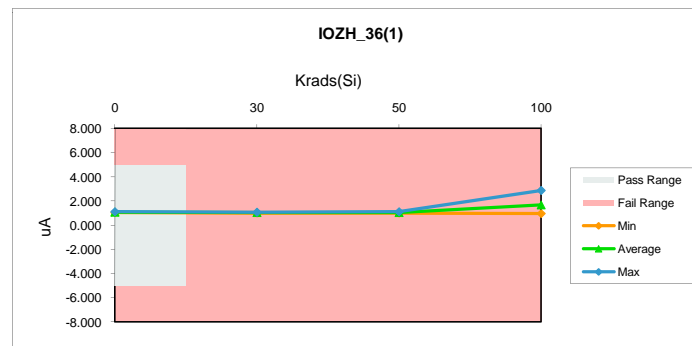
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IOZH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.063	1.051	0.012	1.13%	0.12%
30	34	1.063	1.051	0.012	1.13%	0.12%
30	35	1.025	0.995	0.030	2.89%	0.30%
30	36	1.063	1.051	0.012	1.13%	0.12%
30	37	1.100	1.070	0.030	2.73%	0.30%
30	38	1.063	1.051	0.012	1.13%	0.12%
30	39	1.044	1.033	0.011	1.05%	0.11%
30	40	1.081	1.051	0.030	2.78%	0.30%
30	41	1.025	0.995	0.030	2.89%	0.30%
30	42	1.063	1.051	0.012	1.13%	0.12%
50	43	1.081	1.070	0.011	1.02%	0.11%
50	44	1.081	1.070	0.011	1.02%	0.11%
50	45	1.119	1.107	0.012	1.07%	0.12%
50	46	1.044	0.995	0.049	4.66%	0.49%
50	47	1.063	1.033	0.030	2.82%	0.30%
50	48	1.063	1.014	0.049	4.61%	0.49%
50	49	1.100	1.051	0.049	4.45%	0.49%
50	50	1.063	1.014	0.049	4.61%	0.49%
50	51	1.025	0.995	0.030	2.89%	0.30%
50	52	1.100	1.051	0.049	4.45%	0.49%
100	53	1.025	2.447	-1.422	-138.73%	14.22%
100	54	1.063	2.856	-1.793	-168.67%	17.93%
100	55	1.100	2.837	-1.737	-157.91%	17.37%
100	56	1.100	1.014	0.086	7.82%	0.86%
100	57	1.044	2.577	-1.533	-146.84%	15.33%
100	58	1.044	0.977	0.067	6.44%	0.67%
100	59	1.081	0.995	0.086	7.92%	0.86%
100	60	1.025	0.958	0.067	6.53%	0.67%
100	61	1.081	1.033	0.048	4.44%	0.48%
100	62	1.100	1.033	0.067	6.09%	0.67%
0	73	1.081	1.070	0.011	1.02%	0.11%
0	74	1.119	1.107	0.012	1.07%	0.12%
0	75	1.063	1.051	0.012	1.13%	0.12%
Max	1.119	2.856	0.086	7.92%	17.93%	
Average	1.068	1.235	-0.167	-15.76%	2.26%	
Min	1.025	0.958	-1.793	-168.67%	0.11%	
Std Dev	0.027	0.549	0.552	51.97%	5.29%	



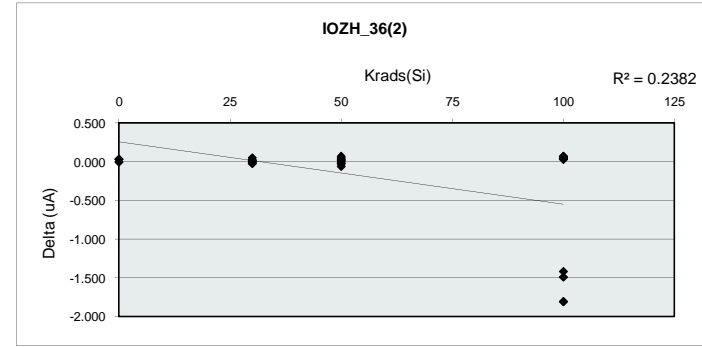
IOZH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.051	0.995	0.995	0.958
Average	1.076	1.040	1.040	1.673
Max	1.107	1.070	1.107	2.856
UL	5.000	5.000	5.000	5.000



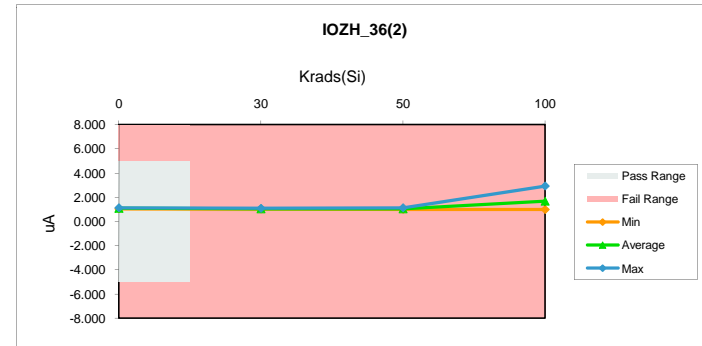
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IOZH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.043	1.067	-0.024	-2.30%	0.24%
30	34	1.062	1.048	0.014	1.32%	0.14%
30	35	1.006	1.011	-0.005	-0.50%	0.05%
30	36	1.080	1.048	0.032	2.96%	0.32%
30	37	1.099	1.085	0.014	1.27%	0.14%
30	38	1.099	1.048	0.051	4.64%	0.51%
30	39	1.024	1.030	-0.006	-0.59%	0.06%
30	40	1.043	1.067	-0.024	-2.30%	0.24%
30	41	1.024	1.011	0.013	1.27%	0.13%
30	42	1.043	1.048	-0.005	-0.48%	0.05%
50	43	1.043	1.067	-0.024	-2.30%	0.24%
50	44	1.099	1.067	0.032	2.91%	0.32%
50	45	1.062	1.123	-0.061	-5.74%	0.61%
50	46	0.987	1.011	-0.024	-2.42%	0.24%
50	47	1.043	1.030	0.013	1.25%	0.13%
50	48	1.024	1.011	0.013	1.27%	0.13%
50	49	1.099	1.067	0.032	2.91%	0.32%
50	50	1.080	1.011	0.069	6.39%	0.69%
50	51	1.043	0.993	0.050	4.83%	0.50%
50	52	1.062	1.067	-0.005	-0.47%	0.05%
100	53	1.024	2.441	-1.417	-138.38%	14.17%
100	54	1.043	2.850	-1.807	-173.25%	18.07%
100	55	1.117	2.924	-1.807	-161.77%	18.07%
100	56	1.062	1.030	0.032	3.01%	0.32%
100	57	1.062	2.553	-1.491	-140.40%	14.91%
100	58	1.043	0.993	0.050	4.83%	0.50%
100	59	1.080	1.011	0.069	6.39%	0.69%
100	60	1.024	0.974	0.050	4.88%	0.50%
100	61	1.099	1.030	0.069	6.28%	0.69%
100	62	1.080	1.048	0.032	2.96%	0.32%
0	73	1.117	1.085	0.032	2.86%	0.32%
0	74	1.117	1.123	-0.006	-0.54%	0.06%
0	75	1.080	1.048	0.032	2.96%	0.32%
Max	1.117	2.924	0.069	6.39%	18.07%	
Average	1.061	1.243	-0.182	-17.16%	2.24%	
Min	0.987	0.974	-1.807	-173.25%	0.05%	
Std Dev	0.034	0.552	0.551	51.74%	5.34%	



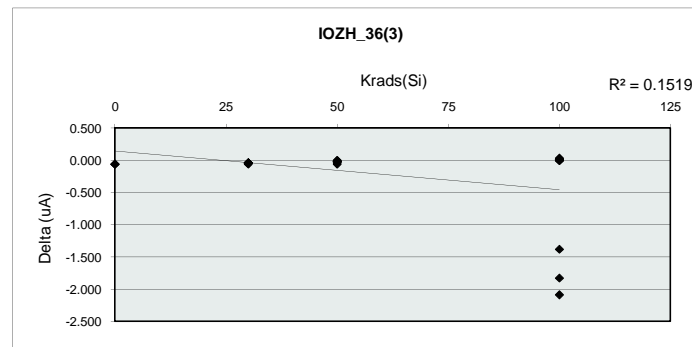
IOZH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.048	1.011	0.993	0.974
Average	1.085	1.046	1.045	1.685
Max	1.123	1.085	1.123	2.924
UL	5.000	5.000	5.000	5.000



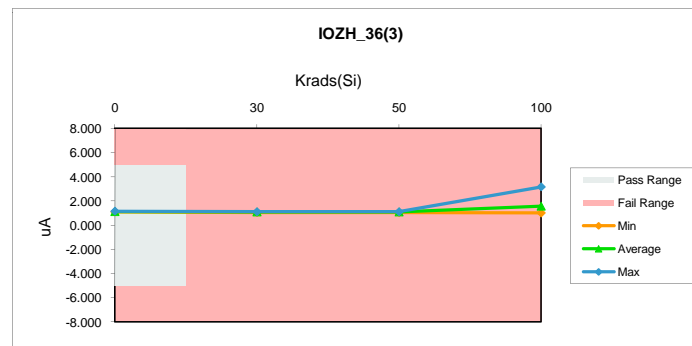
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IOZH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.038	1.101	-0.063	-6.07%	0.63%
30	34	1.057	1.101	-0.044	-4.16%	0.44%
30	35	1.020	1.064	-0.044	-4.31%	0.44%
30	36	1.075	1.120	-0.045	-4.19%	0.45%
30	37	1.075	1.120	-0.045	-4.19%	0.45%
30	38	1.075	1.120	-0.045	-4.19%	0.45%
30	39	1.038	1.083	-0.045	-4.34%	0.45%
30	40	1.075	1.120	-0.045	-4.19%	0.45%
30	41	1.001	1.045	-0.044	-4.40%	0.44%
30	42	1.057	1.101	-0.044	-4.16%	0.44%
50	43	1.075	1.101	-0.026	-2.42%	0.26%
50	44	1.075	1.101	-0.026	-2.42%	0.26%
50	45	1.094	1.120	-0.026	-2.38%	0.26%
50	46	1.001	1.045	-0.044	-4.40%	0.44%
50	47	1.038	1.101	-0.063	-6.07%	0.63%
50	48	1.057	1.064	-0.007	-0.66%	0.07%
50	49	1.094	1.101	-0.007	-0.64%	0.07%
50	50	1.057	1.083	-0.026	-2.46%	0.26%
50	51	1.038	1.064	-0.026	-2.50%	0.26%
50	52	1.057	1.083	-0.026	-2.46%	0.26%
100	53	1.038	2.868	-1.830	-176.30%	18.30%
100	54	1.020	1.008	0.012	1.18%	0.12%
100	55	1.075	3.165	-2.090	-194.42%	20.90%
100	56	1.094	1.083	0.011	1.01%	0.11%
100	57	1.020	2.403	-1.383	-135.59%	13.83%
100	58	1.057	1.045	0.012	1.14%	0.12%
100	59	1.075	1.045	0.030	2.79%	0.30%
100	60	1.038	1.045	-0.007	-0.67%	0.07%
100	61	1.075	1.083	-0.008	-0.74%	0.08%
100	62	1.075	1.064	0.011	1.02%	0.11%
0	73	1.057	1.120	-0.063	-5.96%	0.63%
0	74	1.094	1.157	-0.063	-5.76%	0.63%
0	75	1.038	1.101	-0.063	-6.07%	0.63%
	Max	1.094	3.165	0.030	2.79%	20.90%
	Average	1.056	1.243	-0.187	-17.85%	1.92%
	Min	1.001	1.008	-2.090	-194.42%	0.07%
	Std Dev	0.026	0.514	0.516	49.11%	5.14%



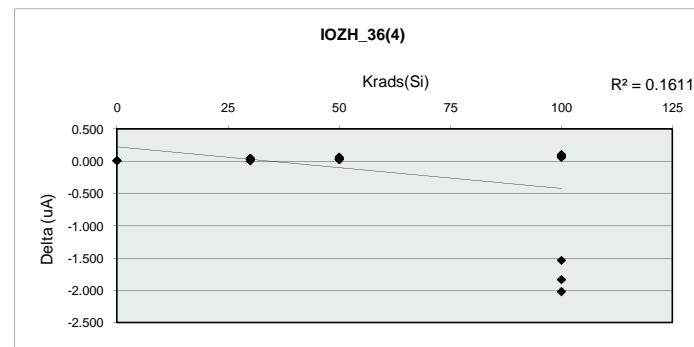
IOZH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.101	1.045	1.045	1.008
Average	1.126	1.098	1.086	1.581
Max	1.157	1.120	1.120	3.165
UL	5.000	5.000	5.000	5.000



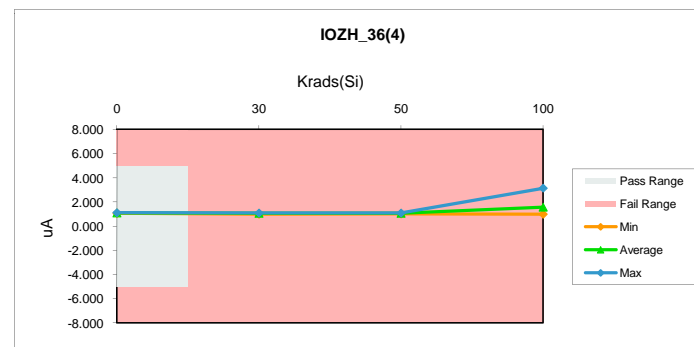
TID HDR Report
SN55LVCP22-SP

IOZH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.081	1.074	0.007	0.65%	0.07%
30	34	1.100	1.074	0.026	2.36%	0.26%
30	35	1.063	1.036	0.027	2.54%	0.27%
30	36	1.100	1.092	0.008	0.73%	0.08%
30	37	1.119	1.074	0.045	4.02%	0.45%
30	38	1.119	1.092	0.027	2.41%	0.27%
30	39	1.081	1.055	0.026	2.41%	0.26%
30	40	1.119	1.074	0.045	4.02%	0.45%
30	41	1.044	0.999	0.045	4.29%	0.45%
30	42	1.100	1.074	0.026	2.36%	0.26%
50	43	1.119	1.074	0.045	4.02%	0.45%
50	44	1.100	1.074	0.026	2.36%	0.26%
50	45	1.137	1.092	0.045	3.96%	0.45%
50	46	1.044	1.018	0.026	2.49%	0.26%
50	47	1.100	1.074	0.026	2.36%	0.26%
50	48	1.100	1.036	0.064	5.82%	0.64%
50	49	1.119	1.074	0.045	4.02%	0.45%
50	50	1.100	1.055	0.045	4.09%	0.45%
50	51	1.063	1.036	0.027	2.54%	0.27%
50	52	1.100	1.074	0.026	2.36%	0.26%
100	53	1.063	2.897	-1.834	-172.53%	18.34%
100	54	1.063	0.999	0.064	6.00%	0.64%
100	55	1.119	3.139	-2.020	-180.52%	20.20%
100	56	1.137	1.036	0.101	8.88%	1.01%
100	57	1.063	2.599	-1.536	-144.50%	15.36%
100	58	1.081	1.018	0.063	5.83%	0.63%
100	59	1.119	1.036	0.083	7.42%	0.83%
100	60	1.063	0.999	0.064	6.00%	0.64%
100	61	1.100	1.036	0.064	5.82%	0.64%
100	62	1.100	1.036	0.064	5.82%	0.64%
0	73	1.100	1.092	0.008	0.73%	0.08%
0	74	1.119	1.111	0.008	0.71%	0.08%
0	75	1.081	1.074	0.007	0.65%	0.07%
Max	1.137	3.139	0.101	8.88%	20.20%	
Average	1.094	1.222	-0.128	-11.81%	1.99%	
Min	1.044	0.999	-2.020	-180.52%	0.07%	
Std Dev	0.025	0.537	0.540	49.73%	5.17%	



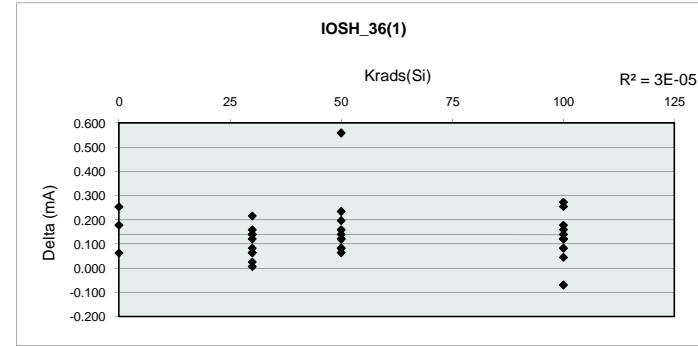
IOZH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.074	0.999	1.018	0.999
Average	1.092	1.064	1.061	1.580
Max	1.111	1.092	1.092	3.139
UL	5.000	5.000	5.000	5.000



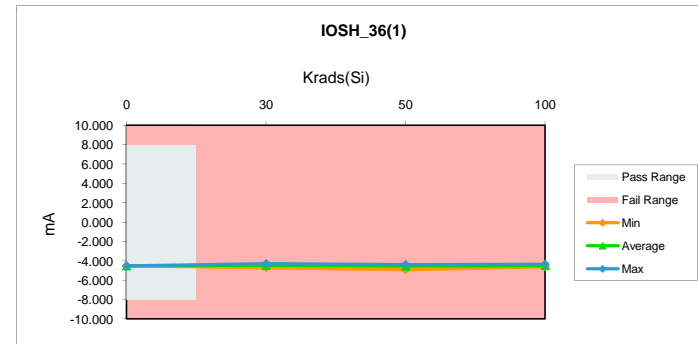
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IOSH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.218	-4.301	0.083	-1.97%	0.52%
30	34	-4.294	-4.358	0.064	-1.49%	0.40%
30	35	-4.389	-4.529	0.140	-3.19%	0.87%
30	36	-4.351	-4.510	0.159	-3.65%	0.99%
30	37	-4.332	-4.358	0.026	-0.60%	0.16%
30	38	-4.427	-4.567	0.140	-3.16%	0.87%
30	39	-4.446	-4.567	0.121	-2.72%	0.76%
30	40	-4.408	-4.415	0.007	-0.16%	0.04%
30	41	-4.313	-4.377	0.064	-1.48%	0.40%
30	42	-4.485	-4.701	0.216	-4.82%	1.35%
50	43	-4.427	-4.491	0.064	-1.45%	0.40%
50	44	-4.237	-4.396	0.159	-3.75%	0.99%
50	45	-4.504	-4.739	0.235	-5.22%	1.47%
50	46	-4.275	-4.415	0.140	-3.27%	0.87%
50	47	-4.351	-4.434	0.083	-1.91%	0.52%
50	48	-4.408	-4.529	0.121	-2.75%	0.76%
50	49	-4.370	-4.491	0.121	-2.77%	0.76%
50	50	-4.370	-4.567	0.197	-4.51%	1.23%
50	51	-4.370	-4.929	0.559	-12.79%	3.49%
50	52	-4.389	-4.472	0.083	-1.89%	0.52%
100	53	-4.370	-4.625	0.255	-5.84%	1.59%
100	54	-4.256	-4.529	0.273	-6.41%	1.71%
100	55	-4.446	-4.606	0.160	-3.60%	1.00%
100	56	-4.351	-4.491	0.140	-3.22%	0.88%
100	57	-4.237	-4.415	0.178	-4.20%	1.11%
100	58	-4.332	-4.415	0.083	-1.92%	0.52%
100	59	-4.427	-4.358	-0.069	1.56%	0.43%
100	60	-4.332	-4.453	0.121	-2.79%	0.76%
100	61	-4.446	-4.491	0.045	-1.01%	0.28%
100	62	-4.370	-4.491	0.121	-2.77%	0.76%
0	73	-4.275	-4.529	0.254	-5.94%	1.59%
0	74	-4.466	-4.529	0.063	-1.41%	0.39%
0	75	-4.332	-4.510	0.178	-4.11%	1.11%
Max		-4.218	-4.301	0.559	1.56%	3.49%
Average		-4.364	-4.503	0.139	-3.19%	0.89%
Min		-4.504	-4.929	-0.069	-12.79%	0.04%
Std Dev		0.074	0.124	0.106	2.44%	0.63%



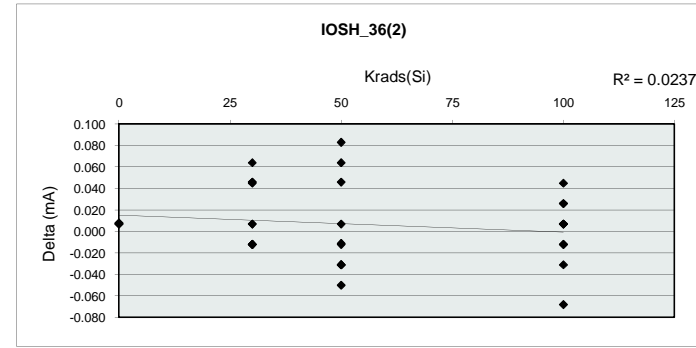
IOSH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.529	-4.701	-4.929	-4.625
Average	-4.523	-4.468	-4.546	-4.487
Max	-4.510	-4.301	-4.396	-4.358
UL	8.000	8.000	8.000	8.000



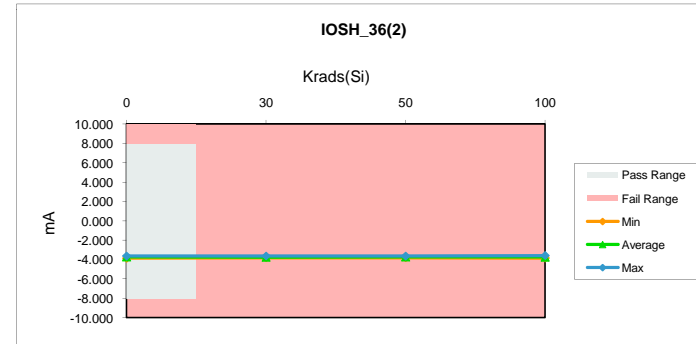
TID HDR Report
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IOSH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.577	-3.623	0.046	-1.29%	0.29%
30	34	-3.749	-3.756	0.007	-0.19%	0.04%
30	35	-3.730	-3.718	-0.012	0.32%	0.08%
30	36	-3.692	-3.756	0.064	-1.73%	0.40%
30	37	-3.787	-3.775	-0.012	0.32%	0.07%
30	38	-3.844	-3.832	-0.012	0.31%	0.08%
30	39	-3.806	-3.794	-0.012	0.32%	0.08%
30	40	-3.749	-3.756	0.007	-0.19%	0.04%
30	41	-3.634	-3.680	0.046	-1.27%	0.29%
30	42	-3.787	-3.832	0.045	-1.19%	0.28%
50	43	-3.806	-3.756	-0.050	1.31%	0.31%
50	44	-3.653	-3.699	0.046	-1.26%	0.29%
50	45	-3.863	-3.832	-0.031	0.80%	0.19%
50	46	-3.653	-3.642	-0.011	0.30%	0.07%
50	47	-3.749	-3.737	-0.012	0.32%	0.08%
50	48	-3.692	-3.756	0.064	-1.73%	0.40%
50	49	-3.768	-3.737	-0.031	0.82%	0.19%
50	50	-3.673	-3.756	0.083	-2.26%	0.52%
50	51	-3.673	-3.642	-0.031	0.84%	0.19%
50	52	-3.768	-3.775	0.007	-0.19%	0.04%
100	53	-3.692	-3.680	-0.012	0.33%	0.07%
100	54	-3.653	-3.585	-0.068	1.86%	0.43%
100	55	-3.825	-3.813	-0.012	0.31%	0.08%
100	56	-3.768	-3.794	0.026	-0.69%	0.16%
100	57	-3.673	-3.680	0.007	-0.19%	0.04%
100	58	-3.673	-3.718	0.045	-1.23%	0.28%
100	59	-3.787	-3.794	0.007	-0.18%	0.04%
100	60	-3.711	-3.718	0.007	-0.19%	0.04%
100	61	-3.825	-3.851	0.026	-0.68%	0.16%
100	62	-3.806	-3.775	-0.031	0.81%	0.19%
0	73	-3.634	-3.642	0.008	-0.22%	0.05%
0	74	-3.863	-3.870	0.007	-0.18%	0.04%
0	75	-3.673	-3.680	0.007	-0.19%	0.04%
	Max	-3.577	-3.585	0.083	1.86%	0.52%
	Average	-3.734	-3.741	0.007	-0.18%	0.17%
	Min	-3.863	-3.870	-0.068	-2.26%	0.04%
	Std Dev	0.075	0.070	0.034	0.93%	0.14%



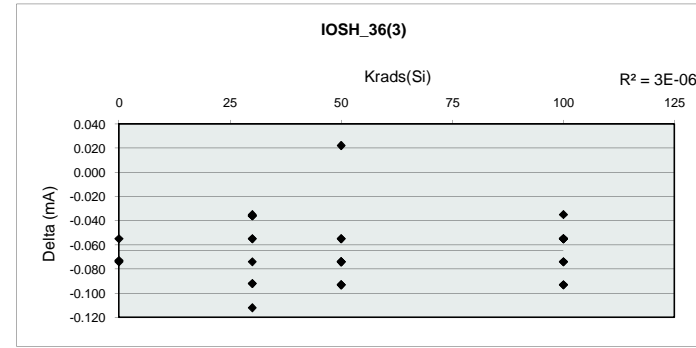
IOSH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-3.870	-3.832	-3.832	-3.851
Average	-3.731	-3.752	-3.733	-3.741
Max	-3.642	-3.623	-3.642	-3.585
UL	8.000	8.000	8.000	8.000



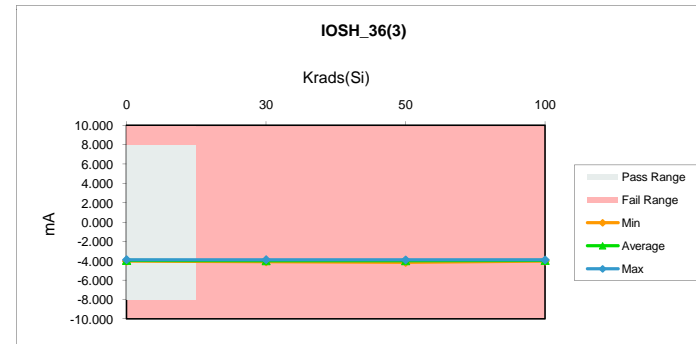
TID HDR Report
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IOSH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.919	-3.884	-0.035	0.89%	0.22%
30	34	-4.072	-4.036	-0.036	0.88%	0.23%
30	35	-4.053	-3.998	-0.055	1.36%	0.34%
30	36	-4.072	-4.036	-0.036	0.88%	0.23%
30	37	-4.072	-4.017	-0.055	1.35%	0.34%
30	38	-4.148	-4.056	-0.092	2.22%	0.57%
30	39	-4.110	-3.998	-0.112	2.73%	0.70%
30	40	-4.015	-3.979	-0.036	0.90%	0.22%
30	41	-3.996	-3.922	-0.074	1.85%	0.46%
30	42	-4.186	-4.094	-0.092	2.20%	0.58%
50	43	-4.091	-3.998	-0.093	2.27%	0.58%
50	44	-3.977	-3.903	-0.074	1.86%	0.46%
50	45	-4.129	-4.151	0.022	-0.53%	0.14%
50	46	-3.977	-3.922	-0.055	1.38%	0.34%
50	47	-4.034	-3.979	-0.055	1.36%	0.34%
50	48	-4.072	-3.998	-0.074	1.82%	0.46%
50	49	-4.091	-3.998	-0.093	2.27%	0.58%
50	50	-4.091	-3.998	-0.093	2.27%	0.58%
50	51	-4.034	-3.960	-0.074	1.83%	0.46%
50	52	-4.091	-4.017	-0.074	1.81%	0.46%
100	53	-4.034	-3.941	-0.093	2.31%	0.58%
100	54	-3.938	-3.903	-0.035	0.89%	0.22%
100	55	-4.072	-4.017	-0.055	1.35%	0.34%
100	56	-4.034	-3.979	-0.055	1.36%	0.34%
100	57	-3.977	-3.922	-0.055	1.38%	0.34%
100	58	-4.015	-3.941	-0.074	1.84%	0.46%
100	59	-4.110	-4.017	-0.093	2.26%	0.58%
100	60	-4.015	-3.960	-0.055	1.37%	0.34%
100	61	-4.072	-4.017	-0.055	1.35%	0.34%
100	62	-4.034	-3.960	-0.074	1.83%	0.46%
0	73	-3.957	-3.884	-0.073	1.84%	0.46%
0	74	-4.110	-4.036	-0.074	1.80%	0.46%
0	75	-3.996	-3.941	-0.055	1.38%	0.34%
	Max	-3.919	-3.884	0.022	2.73%	0.70%
	Average	-4.048	-3.984	-0.065	1.59%	0.41%
	Min	-4.186	-4.151	-0.112	-0.53%	0.14%
	Std Dev	0.061	0.059	0.026	0.62%	0.14%



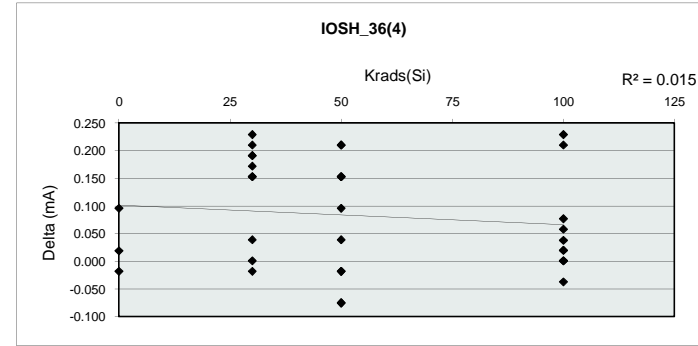
IOSH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.036	-4.094	-4.151	-4.017
Average	-3.954	-4.002	-3.992	-3.966
Max	-3.884	-3.884	-3.903	-3.903
UL	8.000	8.000	8.000	8.000



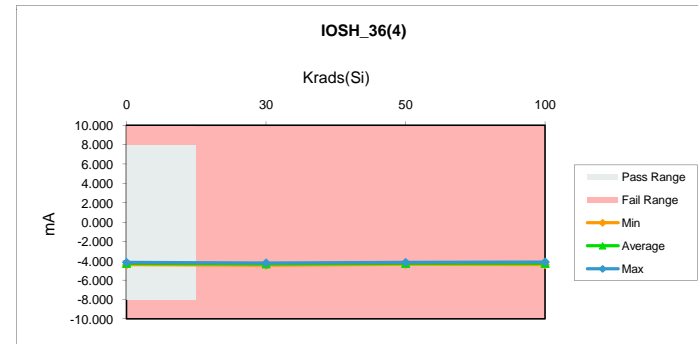
TID HDR Report
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IOSH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.056	-4.209	0.153	-3.77%	0.96%
30	34	-4.303	-4.342	0.039	-0.91%	0.24%
30	35	-4.151	-4.304	0.153	-3.69%	0.96%
30	36	-4.284	-4.266	-0.018	0.42%	0.11%
30	37	-4.094	-4.323	0.229	-5.59%	1.43%
30	38	-4.208	-4.399	0.191	-4.54%	1.19%
30	39	-4.170	-4.342	0.172	-4.12%	1.07%
30	40	-4.094	-4.285	0.191	-4.67%	1.19%
30	41	-4.056	-4.266	0.210	-5.18%	1.31%
30	42	-4.437	-4.438	0.001	-0.02%	0.01%
50	43	-4.075	-4.228	0.153	-3.75%	0.96%
50	44	-4.018	-4.228	0.210	-5.23%	1.31%
50	45	-4.208	-4.304	0.096	-2.28%	0.60%
50	46	-4.227	-4.152	-0.075	1.77%	0.47%
50	47	-4.265	-4.304	0.039	-0.91%	0.24%
50	48	-4.094	-4.247	0.153	-3.74%	0.96%
50	49	-4.322	-4.247	-0.075	1.74%	0.47%
50	50	-4.341	-4.323	-0.018	0.41%	0.11%
50	51	-4.246	-4.228	-0.018	0.42%	0.11%
50	52	-4.132	-4.342	0.210	-5.08%	1.31%
100	53	-4.246	-4.247	0.001	-0.02%	0.01%
100	54	-4.208	-4.171	-0.037	0.88%	0.23%
100	55	-4.361	-4.399	0.038	-0.87%	0.24%
100	56	-4.132	-4.190	0.058	-1.40%	0.36%
100	57	-4.037	-4.114	0.077	-1.91%	0.48%
100	58	-4.208	-4.228	0.020	-0.48%	0.12%
100	59	-4.170	-4.380	0.210	-5.04%	1.31%
100	60	-4.056	-4.285	0.229	-5.65%	1.43%
100	61	-4.341	-4.361	0.020	-0.46%	0.12%
100	62	-4.284	-4.285	0.001	-0.02%	0.01%
0	73	-4.056	-4.152	0.096	-2.37%	0.60%
0	74	-4.380	-4.399	0.019	-0.43%	0.12%
0	75	-4.227	-4.209	-0.018	0.43%	0.11%
	Max	-4.018	-4.114	0.229	1.77%	1.43%
	Average	-4.197	-4.279	0.082	-2.00%	0.61%
	Min	-4.437	-4.438	-0.075	-5.65%	0.01%
	Std Dev	0.113	0.080	0.097	2.36%	0.51%



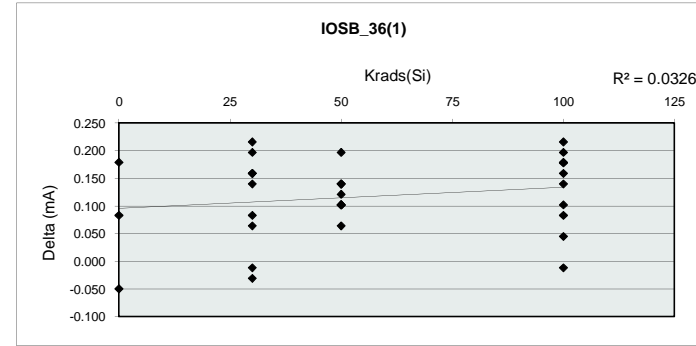
IOSH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.399	-4.438	-4.342	-4.399
Average	-4.253	-4.317	-4.260	-4.266
Max	-4.152	-4.209	-4.152	-4.114
UL	8.000	8.000	8.000	8.000



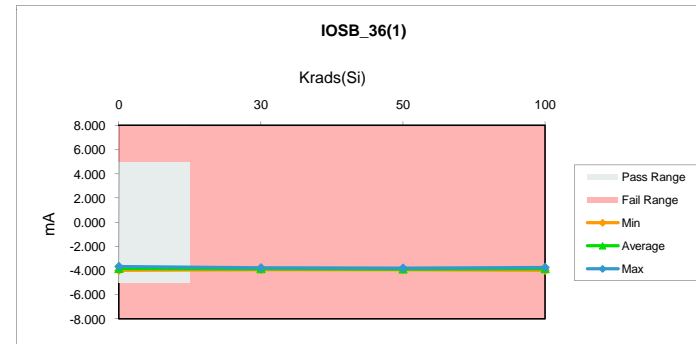
TID HDR Report
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IOSB_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.666	-3.806	0.140	-3.82%	1.40%
30	34	-3.704	-3.863	0.159	-4.29%	1.59%
30	35	-3.742	-3.939	0.197	-5.26%	1.97%
30	36	-3.723	-3.787	0.064	-1.72%	0.64%
30	37	-3.704	-3.863	0.159	-4.29%	1.59%
30	38	-3.742	-3.901	0.159	-4.25%	1.59%
30	39	-3.780	-3.768	-0.012	0.32%	0.12%
30	40	-3.723	-3.939	0.216	-5.80%	2.16%
30	41	-3.723	-3.806	0.083	-2.23%	0.83%
30	42	-3.837	-3.806	-0.031	0.81%	0.31%
50	43	-3.799	-3.939	0.140	-3.69%	1.40%
50	44	-3.704	-3.806	0.102	-2.75%	1.02%
50	45	-3.837	-3.901	0.064	-1.67%	0.64%
50	46	-3.666	-3.806	0.140	-3.82%	1.40%
50	47	-3.666	-3.863	0.197	-5.37%	1.97%
50	48	-3.780	-3.882	0.102	-2.70%	1.02%
50	49	-3.761	-3.863	0.102	-2.71%	1.02%
50	50	-3.837	-3.939	0.102	-2.66%	1.02%
50	51	-3.780	-3.920	0.140	-3.70%	1.40%
50	52	-3.799	-3.920	0.121	-3.19%	1.21%
100	53	-3.742	-3.844	0.102	-2.73%	1.02%
100	54	-3.666	-3.749	0.083	-2.26%	0.83%
100	55	-3.818	-3.997	0.179	-4.69%	1.79%
100	56	-3.761	-3.749	-0.012	0.32%	0.12%
100	57	-3.685	-3.863	0.178	-4.83%	1.78%
100	58	-3.704	-3.844	0.140	-3.78%	1.40%
100	59	-3.742	-3.901	0.159	-4.25%	1.59%
100	60	-3.666	-3.882	0.216	-5.89%	2.16%
100	61	-3.742	-3.939	0.197	-5.26%	1.97%
100	62	-3.761	-3.806	0.045	-1.20%	0.45%
0	73	-3.723	-3.673	-0.050	1.34%	0.50%
0	74	-3.818	-3.997	0.179	-4.69%	1.79%
0	75	-3.761	-3.844	0.083	-2.21%	0.83%
	Max	-3.666	-3.673	0.216	1.34%	2.16%
	Average	-3.744	-3.861	0.116	-3.12%	1.23%
	Min	-3.837	-3.997	-0.050	-5.89%	0.12%
	Std Dev	0.053	0.074	0.070	1.89%	0.58%



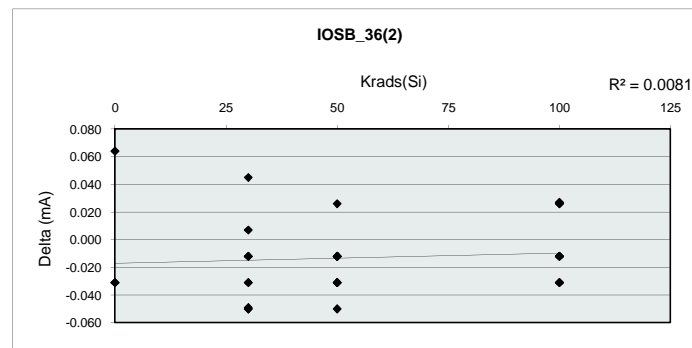
IOSB_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 mA			
Min Limit	-5 mA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.997	-3.939	-3.939	-3.997
Average	-3.838	-3.848	-3.884	-3.857
Max	-3.673	-3.768	-3.806	-3.749
UL	5.000	5.000	5.000	5.000



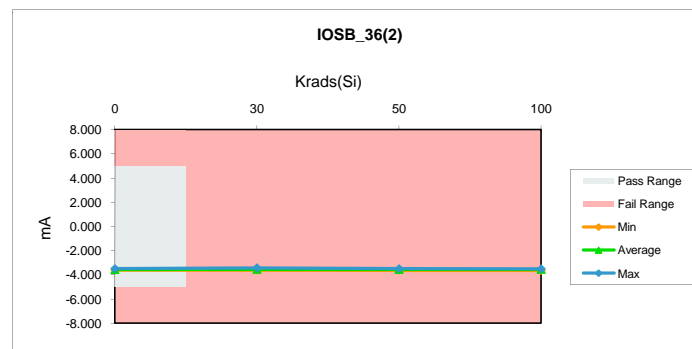
TID HDR Report
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IOSB_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.475	-3.426	-0.049	1.41%	0.49%
30	34	-3.552	-3.559	0.007	-0.20%	0.07%
30	35	-3.628	-3.597	-0.031	0.85%	0.31%
30	36	-3.552	-3.540	-0.012	0.34%	0.12%
30	37	-3.533	-3.578	0.045	-1.27%	0.45%
30	38	-3.590	-3.578	-0.012	0.33%	0.12%
30	39	-3.609	-3.597	-0.012	0.33%	0.12%
30	40	-3.590	-3.540	-0.050	1.39%	0.50%
30	41	-3.533	-3.502	-0.031	0.88%	0.31%
30	42	-3.666	-3.616	-0.050	1.36%	0.50%
50	43	-3.590	-3.578	-0.012	0.33%	0.12%
50	44	-3.514	-3.540	0.026	-0.74%	0.26%
50	45	-3.666	-3.635	-0.031	0.85%	0.31%
50	46	-3.495	-3.483	-0.012	0.34%	0.12%
50	47	-3.552	-3.540	-0.012	0.34%	0.12%
50	48	-3.590	-3.559	-0.031	0.86%	0.31%
50	49	-3.590	-3.540	-0.050	1.39%	0.50%
50	50	-3.628	-3.616	-0.012	0.33%	0.12%
50	51	-3.590	-3.559	-0.031	0.86%	0.31%
50	52	-3.590	-3.578	-0.012	0.33%	0.12%
100	53	-3.552	-3.540	-0.012	0.34%	0.12%
100	54	-3.475	-3.502	0.027	-0.78%	0.27%
100	55	-3.628	-3.654	0.026	-0.72%	0.26%
100	56	-3.571	-3.540	-0.031	0.87%	0.31%
100	57	-3.514	-3.502	-0.012	0.34%	0.12%
100	58	-3.514	-3.502	-0.012	0.34%	0.12%
100	59	-3.609	-3.578	-0.031	0.86%	0.31%
100	60	-3.552	-3.578	0.026	-0.73%	0.26%
100	61	-3.609	-3.578	-0.031	0.86%	0.31%
100	62	-3.571	-3.559	-0.012	0.34%	0.12%
0	73	-3.514	-3.483	-0.031	0.88%	0.31%
0	74	-3.647	-3.616	-0.031	0.85%	0.31%
0	75	-3.552	-3.616	0.064	-1.80%	0.64%
	Max	-3.475	-3.426	0.064	1.41%	0.64%
	Average	-3.571	-3.558	-0.013	0.36%	0.26%
	Min	-3.666	-3.654	-0.050	-1.80%	0.07%
	Std Dev	0.051	0.049	0.028	0.78%	0.15%



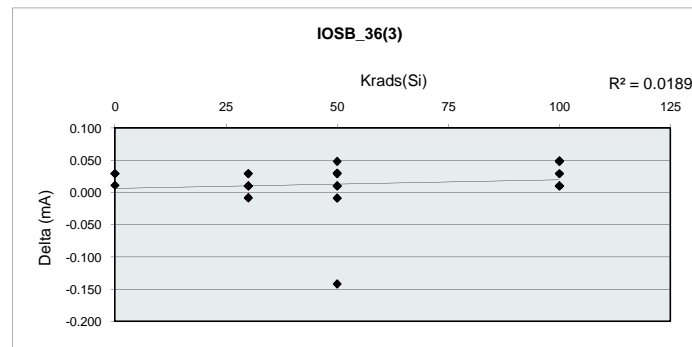
IOSB_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.616	-3.616	-3.635	-3.654
Average	-3.572	-3.553	-3.563	-3.553
Max	-3.483	-3.426	-3.483	-3.502
UL	5.000	5.000	5.000	5.000



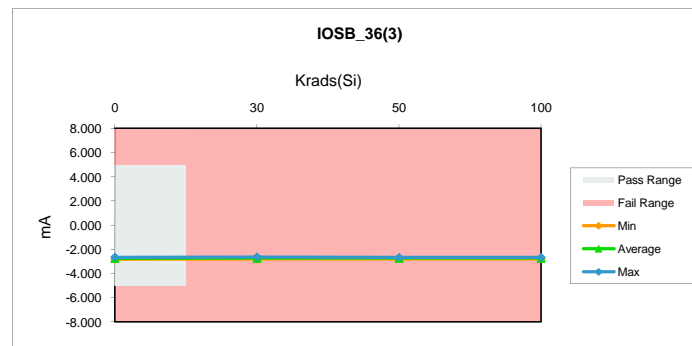
TID HDR Report
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IOSB_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-2.643	-2.635	-0.008	0.30%	0.08%
30	34	-2.720	-2.730	0.010	-0.37%	0.10%
30	35	-2.663	-2.692	0.029	-1.09%	0.29%
30	36	-2.701	-2.711	0.010	-0.37%	0.10%
30	37	-2.758	-2.749	-0.009	0.33%	0.09%
30	38	-2.758	-2.768	0.010	-0.36%	0.10%
30	39	-2.739	-2.749	0.010	-0.37%	0.10%
30	40	-2.701	-2.711	0.010	-0.37%	0.10%
30	41	-2.663	-2.692	0.029	-1.09%	0.29%
30	42	-2.777	-2.806	0.029	-1.04%	0.29%
50	43	-2.720	-2.730	0.010	-0.37%	0.10%
50	44	-2.663	-2.692	0.029	-1.09%	0.29%
50	45	-2.796	-2.787	-0.009	0.32%	0.09%
50	46	-2.643	-2.673	0.030	-1.14%	0.30%
50	47	-2.720	-2.730	0.010	-0.37%	0.10%
50	48	-2.701	-2.749	0.048	-1.78%	0.48%
50	49	-2.758	-2.768	0.010	-0.36%	0.10%
50	50	-2.682	-2.711	0.029	-1.08%	0.29%
50	51	-2.682	-2.673	-0.009	0.34%	0.09%
50	52	-2.891	-2.749	-0.142	4.91%	1.42%
100	53	-2.682	-2.711	0.029	-1.08%	0.29%
100	54	-2.624	-2.673	0.049	-1.87%	0.49%
100	55	-2.739	-2.749	0.010	-0.37%	0.10%
100	56	-2.720	-2.768	0.048	-1.76%	0.48%
100	57	-2.663	-2.692	0.029	-1.09%	0.29%
100	58	-2.701	-2.711	0.010	-0.37%	0.10%
100	59	-2.720	-2.730	0.010	-0.37%	0.10%
100	60	-2.682	-2.692	0.010	-0.37%	0.10%
100	61	-2.777	-2.787	0.010	-0.36%	0.10%
100	62	-2.701	-2.749	0.048	-1.78%	0.48%
0	73	-2.643	-2.654	0.011	-0.42%	0.11%
0	74	-2.796	-2.825	0.029	-1.04%	0.29%
0	75	-2.682	-2.711	0.029	-1.08%	0.29%
	Max	-2.624	-2.635	0.049	4.91%	1.42%
	Average	-2.712	-2.726	0.014	-0.51%	0.24%
	Min	-2.891	-2.825	-0.142	-1.87%	0.08%
	Std Dev	0.056	0.044	0.032	1.15%	0.25%



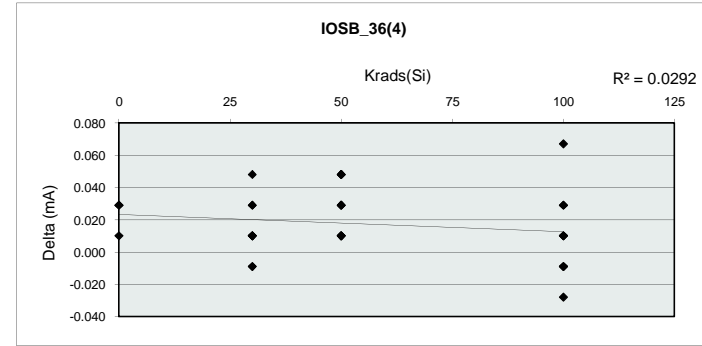
IOSB_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-2.825	-2.806	-2.787	-2.787
Average	-2.730	-2.724	-2.726	-2.726
Max	-2.654	-2.635	-2.673	-2.673
UL	5.000	5.000	5.000	5.000



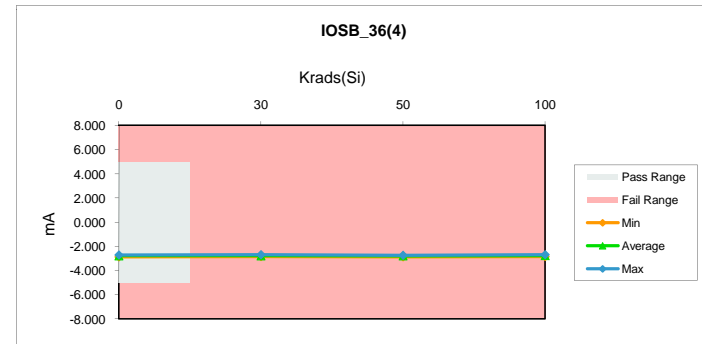
TID HDR Report
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IOSB_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-2.682	-2.692	0.010	-0.37%	0.10%
30	34	-2.777	-2.787	0.010	-0.36%	0.10%
30	35	-2.720	-2.730	0.010	-0.37%	0.10%
30	36	-2.777	-2.787	0.010	-0.36%	0.10%
30	37	-2.815	-2.806	-0.009	0.32%	0.09%
30	38	-2.815	-2.844	0.029	-1.03%	0.29%
30	39	-2.777	-2.806	0.029	-1.04%	0.29%
30	40	-2.739	-2.787	0.048	-1.75%	0.48%
30	41	-2.720	-2.730	0.010	-0.37%	0.10%
30	42	-2.853	-2.844	-0.009	0.32%	0.09%
50	43	-2.758	-2.806	0.048	-1.74%	0.48%
50	44	-2.701	-2.749	0.048	-1.78%	0.48%
50	45	-2.853	-2.863	0.010	-0.35%	0.10%
50	46	-2.701	-2.730	0.029	-1.07%	0.29%
50	47	-2.777	-2.787	0.010	-0.36%	0.10%
50	48	-2.758	-2.787	0.029	-1.05%	0.29%
50	49	-2.815	-2.825	0.010	-0.36%	0.10%
50	50	-2.739	-2.787	0.048	-1.75%	0.48%
50	51	-2.720	-2.749	0.029	-1.07%	0.29%
50	52	-2.777	-2.787	0.010	-0.36%	0.10%
100	53	-2.739	-2.768	0.029	-1.06%	0.29%
100	54	-2.682	-2.692	0.010	-0.37%	0.10%
100	55	-2.815	-2.806	-0.009	0.32%	0.09%
100	56	-2.758	-2.825	0.067	-2.43%	0.67%
100	57	-2.739	-2.749	0.010	-0.37%	0.10%
100	58	-2.758	-2.749	-0.009	0.33%	0.09%
100	59	-2.777	-2.787	0.010	-0.36%	0.10%
100	60	-2.739	-2.730	-0.009	0.33%	0.09%
100	61	-2.815	-2.844	0.029	-1.03%	0.29%
100	62	-2.796	-2.768	-0.028	1.00%	0.28%
0	73	-2.682	-2.711	0.029	-1.08%	0.29%
0	74	-2.853	-2.863	0.010	-0.35%	0.10%
0	75	-2.739	-2.768	0.029	-1.06%	0.29%
	Max	-2.682	-2.692	0.067	1.00%	0.67%
	Average	-2.763	-2.780	0.017	-0.64%	0.22%
	Min	-2.853	-2.863	-0.028	-2.43%	0.09%
	Std Dev	0.049	0.046	0.021	0.75%	0.16%



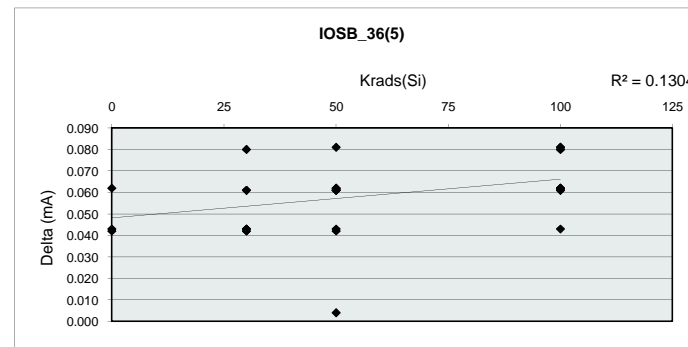
IOSB_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-2.863	-2.844	-2.863	-2.844
Average	-2.781	-2.781	-2.787	-2.772
Max	-2.711	-2.692	-2.730	-2.692
UL	5.000	5.000	5.000	5.000



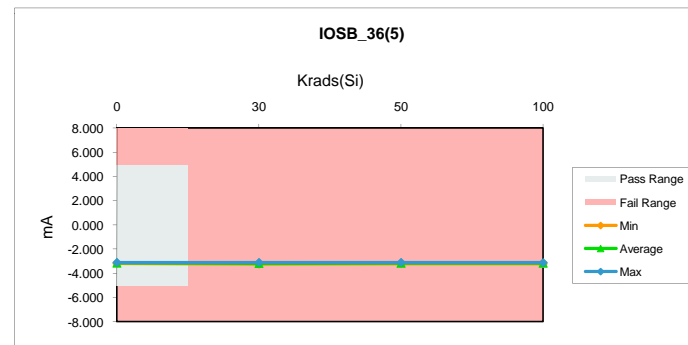
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IOSB_36(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.061	-3.104	0.043	-1.40%	0.43%
30	34	-3.138	-3.199	0.061	-1.94%	0.61%
30	35	-3.138	-3.180	0.042	-1.34%	0.42%
30	36	-3.119	-3.161	0.042	-1.35%	0.42%
30	37	-3.119	-3.180	0.061	-1.96%	0.61%
30	38	-3.157	-3.218	0.061	-1.93%	0.61%
30	39	-3.138	-3.218	0.080	-2.55%	0.80%
30	40	-3.099	-3.142	0.043	-1.39%	0.43%
30	41	-3.099	-3.142	0.043	-1.39%	0.43%
30	42	-3.176	-3.256	0.080	-2.52%	0.80%
50	43	-3.119	-3.180	0.061	-1.96%	0.61%
50	44	-3.042	-3.123	0.081	-2.66%	0.81%
50	45	-3.176	-3.180	0.004	-0.13%	0.04%
50	46	-3.061	-3.104	0.043	-1.40%	0.43%
50	47	-3.099	-3.161	0.062	-2.00%	0.62%
50	48	-3.119	-3.180	0.061	-1.96%	0.61%
50	49	-3.157	-3.199	0.042	-1.33%	0.42%
50	50	-3.119	-3.180	0.061	-1.96%	0.61%
50	51	-3.080	-3.142	0.062	-2.01%	0.62%
50	52	-3.157	-3.218	0.061	-1.93%	0.61%
100	53	-3.080	-3.142	0.062	-2.01%	0.62%
100	54	-3.042	-3.123	0.081	-2.66%	0.81%
100	55	-3.119	-3.199	0.080	-2.56%	0.80%
100	56	-3.119	-3.199	0.080	-2.56%	0.80%
100	57	-3.061	-3.123	0.062	-2.03%	0.62%
100	58	-3.080	-3.142	0.062	-2.01%	0.62%
100	59	-3.157	-3.218	0.061	-1.93%	0.61%
100	60	-3.099	-3.142	0.043	-1.39%	0.43%
100	61	-3.119	-3.180	0.061	-1.96%	0.61%
100	62	-3.080	-3.161	0.081	-2.63%	0.81%
0	73	-3.061	-3.104	0.043	-1.40%	0.43%
0	74	-3.157	-3.199	0.042	-1.33%	0.42%
0	75	-3.080	-3.142	0.062	-2.01%	0.62%
	Max	-3.042	-3.104	0.081	-0.13%	0.81%
	Average	-3.110	-3.168	0.058	-1.87%	0.58%
	Min	-3.176	-3.256	0.004	-2.66%	0.04%
	Std Dev	0.038	0.038	0.017	0.54%	0.17%



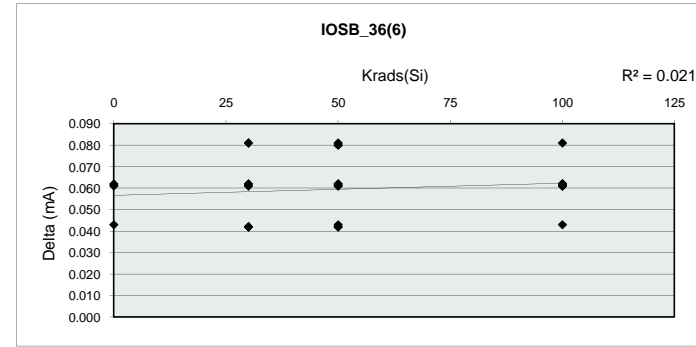
IOSB_36(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 mA			
Min Limit	-5 mA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.199	-3.256	-3.218	-3.218
Average	-3.148	-3.180	-3.167	-3.163
Max	-3.104	-3.104	-3.104	-3.123
UL	5.000	5.000	5.000	5.000



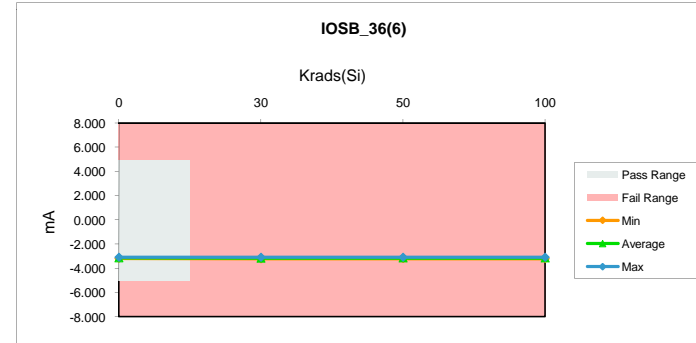
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IOSB_36(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.042	-3.104	0.062	-2.04%	0.62%
30	34	-3.119	-3.180	0.061	-1.96%	0.61%
30	35	-3.119	-3.180	0.061	-1.96%	0.61%
30	36	-3.099	-3.180	0.081	-2.61%	0.81%
30	37	-3.138	-3.180	0.042	-1.34%	0.42%
30	38	-3.176	-3.218	0.042	-1.32%	0.42%
30	39	-3.157	-3.199	0.042	-1.33%	0.42%
30	40	-3.080	-3.161	0.081	-2.63%	0.81%
30	41	-3.080	-3.142	0.062	-2.01%	0.62%
30	42	-3.195	-3.237	0.042	-1.31%	0.42%
50	43	-3.099	-3.161	0.062	-2.00%	0.62%
50	44	-3.061	-3.104	0.043	-1.40%	0.43%
50	45	-3.138	-3.199	0.061	-1.94%	0.61%
50	46	-3.042	-3.104	0.062	-2.04%	0.62%
50	47	-3.061	-3.142	0.081	-2.65%	0.81%
50	48	-3.119	-3.161	0.042	-1.35%	0.42%
50	49	-3.138	-3.218	0.080	-2.55%	0.80%
50	50	-3.119	-3.199	0.080	-2.56%	0.80%
50	51	-3.119	-3.161	0.042	-1.35%	0.42%
50	52	-3.138	-3.199	0.061	-1.94%	0.61%
100	53	-3.080	-3.161	0.081	-2.63%	0.81%
100	54	-3.042	-3.104	0.062	-2.04%	0.62%
100	55	-3.119	-3.180	0.061	-1.96%	0.61%
100	56	-3.138	-3.199	0.061	-1.94%	0.61%
100	57	-3.080	-3.142	0.062	-2.01%	0.62%
100	58	-3.080	-3.142	0.062	-2.01%	0.62%
100	59	-3.157	-3.218	0.061	-1.93%	0.61%
100	60	-3.080	-3.142	0.062	-2.01%	0.62%
100	61	-3.119	-3.180	0.061	-1.96%	0.61%
100	62	-3.099	-3.142	0.043	-1.39%	0.43%
0	73	-3.042	-3.104	0.062	-2.04%	0.62%
0	74	-3.138	-3.199	0.061	-1.94%	0.61%
0	75	-3.099	-3.142	0.043	-1.39%	0.43%
Max		-3.042	-3.104	0.081	-1.31%	0.81%
Average		-3.106	-3.166	0.060	-1.93%	0.60%
Min		-3.195	-3.237	0.042	-2.65%	0.42%
Std Dev		0.040	0.037	0.013	0.43%	0.13%



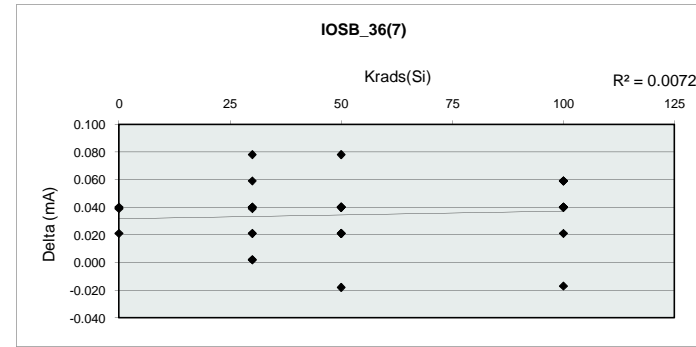
IOSB_36(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.199	-3.237	-3.218	-3.218
Average	-3.148	-3.178	-3.165	-3.161
Max	-3.104	-3.104	-3.104	-3.104
UL	5.000	5.000	5.000	5.000



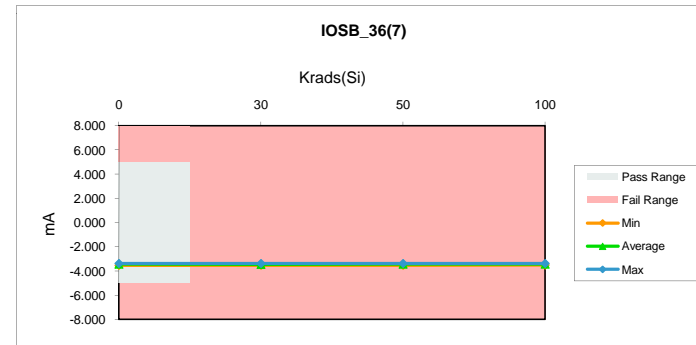
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IOSB_36(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.351	-3.372	0.021	-0.63%	0.21%
30	34	-3.427	-3.467	0.040	-1.17%	0.40%
30	35	-3.408	-3.467	0.059	-1.73%	0.59%
30	36	-3.408	-3.429	0.021	-0.62%	0.21%
30	37	-3.408	-3.448	0.040	-1.17%	0.40%
30	38	-3.465	-3.505	0.040	-1.15%	0.40%
30	39	-3.465	-3.543	0.078	-2.25%	0.78%
30	40	-3.408	-3.410	0.002	-0.06%	0.02%
30	41	-3.389	-3.391	0.002	-0.06%	0.02%
30	42	-3.504	-3.543	0.039	-1.11%	0.39%
50	43	-3.408	-3.448	0.040	-1.17%	0.40%
50	44	-3.351	-3.372	0.021	-0.63%	0.21%
50	45	-3.465	-3.543	0.078	-2.25%	0.78%
50	46	-3.370	-3.410	0.040	-1.19%	0.40%
50	47	-3.427	-3.467	0.040	-1.17%	0.40%
50	48	-3.389	-3.429	0.040	-1.18%	0.40%
50	49	-3.427	-3.448	0.021	-0.61%	0.21%
50	50	-3.485	-3.467	-0.018	0.52%	0.18%
50	51	-3.351	-3.391	0.040	-1.19%	0.40%
50	52	-3.427	-3.448	0.021	-0.61%	0.21%
100	53	-3.389	-3.429	0.040	-1.18%	0.40%
100	54	-3.332	-3.391	0.059	-1.77%	0.59%
100	55	-3.465	-3.524	0.059	-1.70%	0.59%
100	56	-3.446	-3.429	-0.017	0.49%	0.17%
100	57	-3.351	-3.410	0.059	-1.76%	0.59%
100	58	-3.332	-3.372	0.040	-1.20%	0.40%
100	59	-3.465	-3.505	0.040	-1.15%	0.40%
100	60	-3.408	-3.448	0.040	-1.17%	0.40%
100	61	-3.427	-3.448	0.021	-0.61%	0.21%
100	62	-3.408	-3.448	0.040	-1.17%	0.40%
0	73	-3.351	-3.372	0.021	-0.63%	0.21%
0	74	-3.504	-3.543	0.039	-1.11%	0.39%
0	75	-3.370	-3.410	0.040	-1.19%	0.40%
	Max	-3.332	-3.372	0.078	0.52%	0.78%
	Average	-3.412	-3.446	0.035	-1.02%	0.37%
	Min	-3.504	-3.543	-0.018	-2.25%	0.02%
	Std Dev	0.048	0.053	0.022	0.64%	0.18%



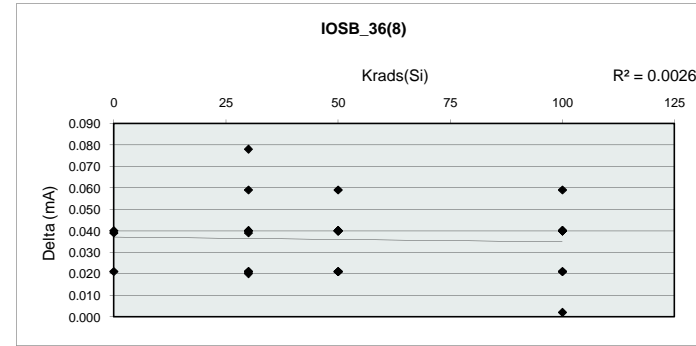
IOSB_36(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.543	-3.543	-3.543	-3.524
Average	-3.442	-3.458	-3.442	-3.440
Max	-3.372	-3.372	-3.372	-3.372
UL	5.000	5.000	5.000	5.000



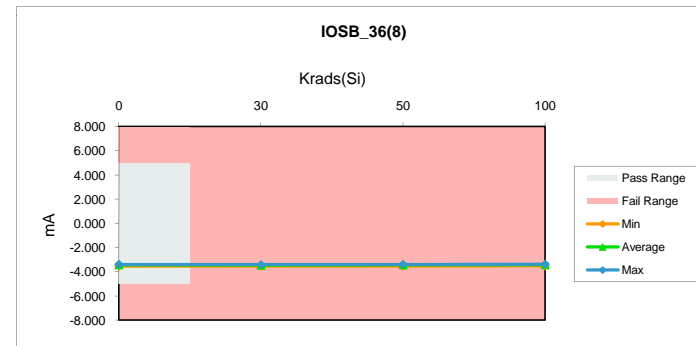
TID HDR Report
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IOSB_36(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.332	-3.410	0.078	-2.34%	0.78%
30	34	-3.427	-3.448	0.021	-0.61%	0.21%
30	35	-3.408	-3.448	0.040	-1.17%	0.40%
30	36	-3.427	-3.467	0.040	-1.17%	0.40%
30	37	-3.427	-3.448	0.021	-0.61%	0.21%
30	38	-3.485	-3.524	0.039	-1.12%	0.39%
30	39	-3.465	-3.505	0.040	-1.15%	0.40%
30	40	-3.427	-3.448	0.021	-0.61%	0.21%
30	41	-3.370	-3.429	0.059	-1.75%	0.59%
30	42	-3.504	-3.524	0.020	-0.57%	0.20%
50	43	-3.408	-3.429	0.021	-0.62%	0.21%
50	44	-3.351	-3.391	0.040	-1.19%	0.40%
50	45	-3.465	-3.524	0.059	-1.70%	0.59%
50	46	-3.351	-3.391	0.040	-1.19%	0.40%
50	47	-3.408	-3.429	0.021	-0.62%	0.21%
50	48	-3.389	-3.410	0.021	-0.62%	0.21%
50	49	-3.427	-3.467	0.040	-1.17%	0.40%
50	50	-3.446	-3.486	0.040	-1.16%	0.40%
50	51	-3.370	-3.410	0.040	-1.19%	0.40%
50	52	-3.408	-3.448	0.040	-1.17%	0.40%
100	53	-3.389	-3.448	0.059	-1.74%	0.59%
100	54	-3.332	-3.372	0.040	-1.20%	0.40%
100	55	-3.465	-3.505	0.040	-1.15%	0.40%
100	56	-3.427	-3.429	0.002	-0.06%	0.02%
100	57	-3.370	-3.391	0.021	-0.62%	0.21%
100	58	-3.332	-3.372	0.040	-1.20%	0.40%
100	59	-3.465	-3.486	0.021	-0.61%	0.21%
100	60	-3.408	-3.448	0.040	-1.17%	0.40%
100	61	-3.427	-3.467	0.040	-1.17%	0.40%
100	62	-3.427	-3.467	0.040	-1.17%	0.40%
0	73	-3.351	-3.391	0.040	-1.19%	0.40%
0	74	-3.485	-3.524	0.039	-1.12%	0.39%
0	75	-3.370	-3.391	0.021	-0.62%	0.21%
	Max	-3.332	-3.372	0.078	-0.06%	0.78%
	Average	-3.410	-3.446	0.036	-1.05%	0.36%
	Min	-3.504	-3.524	0.002	-2.34%	0.02%
	Std Dev	0.047	0.046	0.015	0.44%	0.15%



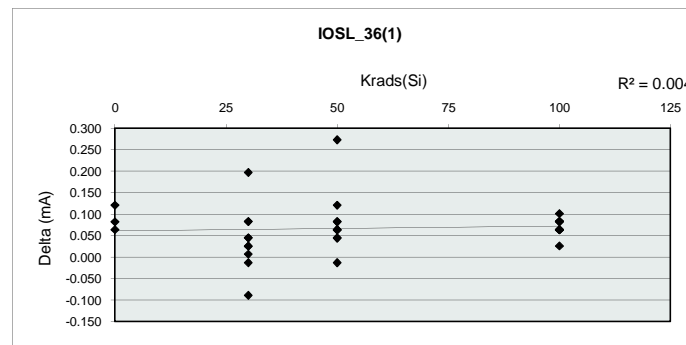
IOSB_36(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.524	-3.524	-3.524	-3.505
Average	-3.435	-3.465	-3.439	-3.439
Max	-3.391	-3.410	-3.391	-3.372
UL	5.000	5.000	5.000	5.000



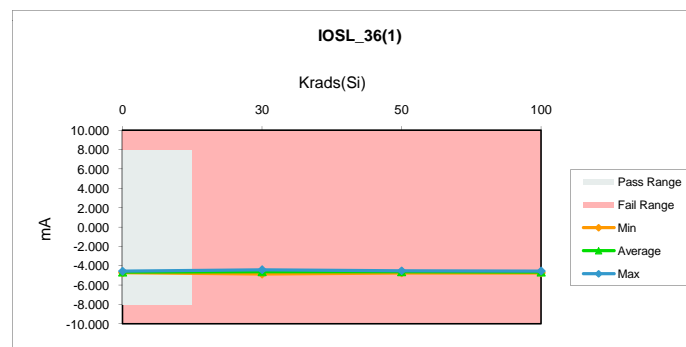
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IOSL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.446	-4.491	0.045	-1.01%	0.28%
30	34	-4.561	-4.606	0.045	-0.99%	0.28%
30	35	-4.599	-4.606	0.007	-0.15%	0.04%
30	36	-4.485	-4.472	-0.013	0.29%	0.08%
30	37	-4.542	-4.567	0.025	-0.55%	0.16%
30	38	-4.599	-4.682	0.083	-1.80%	0.52%
30	39	-4.618	-4.701	0.083	-1.80%	0.52%
30	40	-4.618	-4.644	0.026	-0.56%	0.16%
30	41	-4.504	-4.415	-0.089	1.98%	0.56%
30	42	-4.656	-4.853	0.197	-4.23%	1.23%
50	43	-4.599	-4.663	0.064	-1.39%	0.40%
50	44	-4.485	-4.548	0.063	-1.40%	0.39%
50	45	-4.656	-4.701	0.045	-0.97%	0.28%
50	46	-4.466	-4.548	0.082	-1.84%	0.51%
50	47	-4.561	-4.625	0.064	-1.40%	0.40%
50	48	-4.561	-4.644	0.083	-1.82%	0.52%
50	49	-4.542	-4.529	-0.013	0.29%	0.08%
50	50	-4.561	-4.682	0.121	-2.65%	0.76%
50	51	-4.466	-4.739	0.273	-6.11%	1.71%
50	52	-4.485	-4.529	0.044	-0.98%	0.27%
100	53	-4.542	-4.606	0.064	-1.41%	0.40%
100	54	-4.485	-4.548	0.063	-1.40%	0.39%
100	55	-4.656	-4.739	0.083	-1.78%	0.52%
100	56	-4.580	-4.644	0.064	-1.40%	0.40%
100	57	-4.523	-4.587	0.064	-1.41%	0.40%
100	58	-4.466	-4.567	0.101	-2.26%	0.63%
100	59	-4.618	-4.701	0.083	-1.80%	0.52%
100	60	-4.561	-4.587	0.026	-0.57%	0.16%
100	61	-4.637	-4.720	0.083	-1.79%	0.52%
100	62	-4.580	-4.663	0.083	-1.81%	0.52%
0	73	-4.485	-4.567	0.082	-1.83%	0.51%
0	74	-4.656	-4.720	0.064	-1.37%	0.40%
0	75	-4.542	-4.663	0.121	-2.66%	0.76%
	Max	-4.446	-4.415	0.273	1.98%	1.71%
	Average	-4.556	-4.623	0.067	-1.47%	0.46%
	Min	-4.656	-4.853	-0.089	-6.11%	0.04%
	Std Dev	0.064	0.090	0.060	1.33%	0.32%



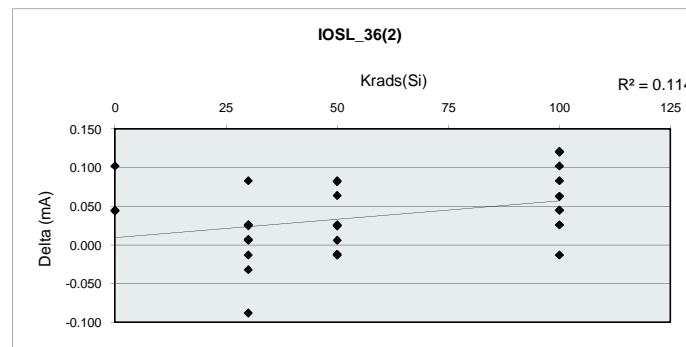
IOSL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.720	-4.853	-4.739	-4.739
Average	-4.650	-4.604	-4.621	-4.636
Max	-4.567	-4.415	-4.529	-4.548
UL	8.000	8.000	8.000	8.000



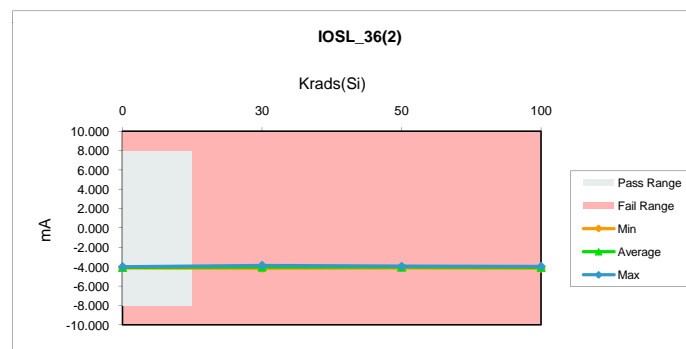
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IOSL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.958	-3.870	-0.088	2.22%	0.55%
30	34	-3.996	-4.079	0.083	-2.08%	0.52%
30	35	-3.977	-3.984	0.007	-0.18%	0.04%
30	36	-4.016	-4.003	-0.013	0.32%	0.08%
30	37	-3.996	-4.003	0.007	-0.18%	0.04%
30	38	-4.073	-4.041	-0.032	0.79%	0.20%
30	39	-4.073	-4.079	0.006	-0.15%	0.04%
30	40	-3.996	-4.022	0.026	-0.65%	0.16%
30	41	-3.977	-4.003	0.026	-0.65%	0.16%
30	42	-4.130	-4.155	0.025	-0.61%	0.16%
50	43	-4.016	-4.098	0.082	-2.04%	0.51%
50	44	-3.920	-3.946	0.026	-0.66%	0.16%
50	45	-4.092	-4.117	0.025	-0.61%	0.16%
50	46	-3.901	-3.984	0.083	-2.13%	0.52%
50	47	-3.996	-4.060	0.064	-1.60%	0.40%
50	48	-4.016	-4.003	-0.013	0.32%	0.08%
50	49	-4.035	-4.022	-0.013	0.32%	0.08%
50	50	-4.035	-4.060	0.025	-0.62%	0.16%
50	51	-3.996	-3.984	-0.012	0.30%	0.08%
50	52	-4.092	-4.098	0.006	-0.15%	0.04%
100	53	-3.958	-4.079	0.121	-3.06%	0.76%
100	54	-3.882	-3.984	0.102	-2.63%	0.64%
100	55	-4.035	-4.155	0.120	-2.97%	0.75%
100	56	-3.996	-4.079	0.083	-2.08%	0.52%
100	57	-3.939	-3.965	0.026	-0.66%	0.16%
100	58	-3.996	-4.041	0.045	-1.13%	0.28%
100	59	-4.035	-4.022	-0.013	0.32%	0.08%
100	60	-3.939	-3.984	0.045	-1.14%	0.28%
100	61	-4.073	-4.136	0.063	-1.55%	0.39%
100	62	-4.035	-4.098	0.063	-1.56%	0.39%
0	73	-3.901	-4.003	0.102	-2.61%	0.64%
0	74	-4.092	-4.136	0.044	-1.08%	0.28%
0	75	-3.977	-4.022	0.045	-1.13%	0.28%
	Max	-3.882	-3.870	0.121	2.22%	0.76%
	Average	-4.005	-4.040	0.035	-0.89%	0.29%
	Min	-4.130	-4.155	-0.088	-3.06%	0.04%
	Std Dev	0.060	0.065	0.047	1.18%	0.22%



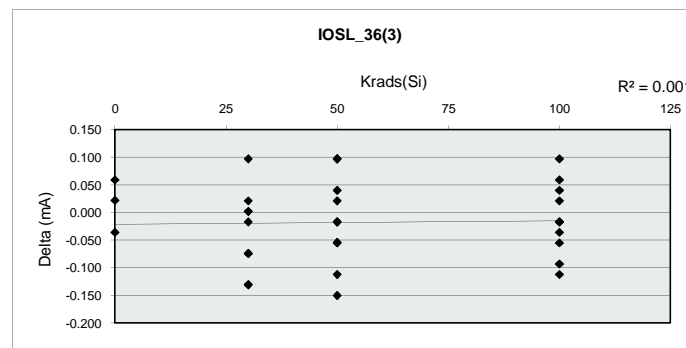
IOSL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.136	-4.155	-4.117	-4.155
Average	-4.054	-4.024	-4.037	-4.054
Max	-4.003	-3.870	-3.946	-3.965
UL	8.000	8.000	8.000	8.000



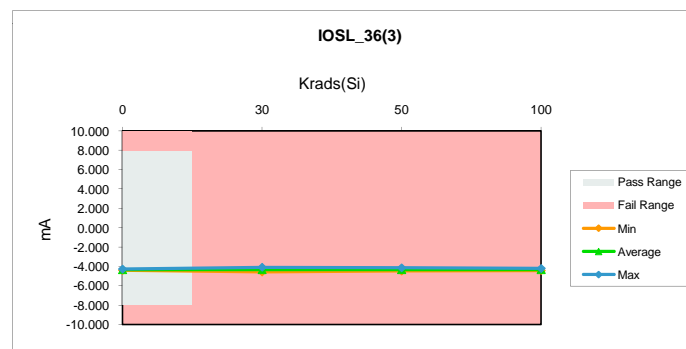
TID HDR Report
SN55LVCP22-SP

IOSL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.224	-4.094	-0.130	3.08%	0.81%
30	34	-4.396	-4.322	-0.074	1.68%	0.46%
30	35	-4.320	-4.322	0.002	-0.05%	0.01%
30	36	-4.377	-4.246	-0.131	2.99%	0.82%
30	37	-4.339	-4.322	-0.017	0.39%	0.11%
30	38	-4.415	-4.341	-0.074	1.68%	0.46%
30	39	-4.415	-4.512	0.097	-2.20%	0.61%
30	40	-4.320	-4.322	0.002	-0.05%	0.01%
30	41	-4.339	-4.265	-0.074	1.71%	0.46%
30	42	-4.529	-4.550	0.021	-0.46%	0.13%
50	43	-4.377	-4.360	-0.017	0.39%	0.11%
50	44	-4.282	-4.132	-0.150	3.50%	0.94%
50	45	-4.415	-4.455	0.040	-0.91%	0.25%
50	46	-4.243	-4.189	-0.054	1.27%	0.34%
50	47	-4.282	-4.303	0.021	-0.49%	0.13%
50	48	-4.339	-4.284	-0.055	1.27%	0.34%
50	49	-4.358	-4.455	0.097	-2.23%	0.61%
50	50	-4.377	-4.265	-0.112	2.56%	0.70%
50	51	-4.301	-4.398	0.097	-2.26%	0.61%
50	52	-4.396	-4.379	-0.017	0.39%	0.11%
100	53	-4.320	-4.417	0.097	-2.25%	0.61%
100	54	-4.263	-4.303	0.040	-0.94%	0.25%
100	55	-4.358	-4.341	-0.017	0.39%	0.11%
100	56	-4.377	-4.398	0.021	-0.48%	0.13%
100	57	-4.301	-4.360	0.059	-1.37%	0.37%
100	58	-4.301	-4.246	-0.055	1.28%	0.34%
100	59	-4.377	-4.341	-0.036	0.82%	0.22%
100	60	-4.301	-4.208	-0.093	2.16%	0.58%
100	61	-4.339	-4.322	-0.017	0.39%	0.11%
100	62	-4.377	-4.265	-0.112	2.56%	0.70%
0	73	-4.243	-4.265	0.022	-0.52%	0.14%
0	74	-4.377	-4.341	-0.036	0.82%	0.22%
0	75	-4.339	-4.398	0.059	-1.36%	0.37%
	Max	-4.224	-4.094	0.097	3.50%	0.94%
	Average	-4.343	-4.325	-0.018	0.42%	0.37%
	Min	-4.529	-4.550	-0.150	-2.26%	0.01%
	Std Dev	0.062	0.097	0.070	1.63%	0.26%



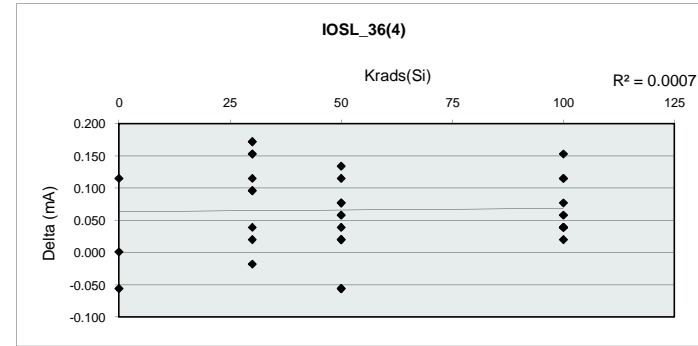
IOSL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8 mA			
Min Limit	-8 mA			
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.398	-4.550	-4.455	-4.417
Average	-4.335	-4.330	-4.322	-4.320
Max	-4.265	-4.094	-4.132	-4.208
UL	8.000	8.000	8.000	8.000



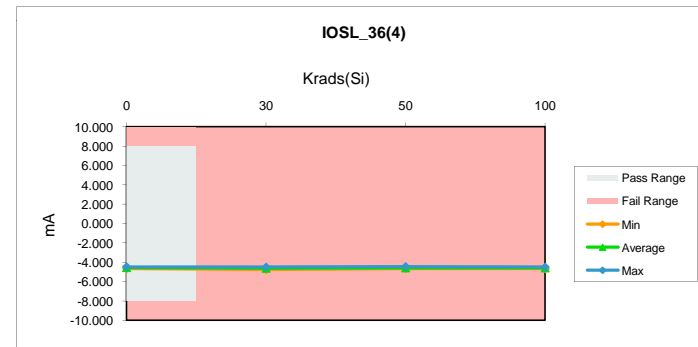
TID HDR Report
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IOSL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.399	-4.495	0.096	-2.18%	0.60%
30	34	-4.589	-4.609	0.020	-0.44%	0.12%
30	35	-4.513	-4.666	0.153	-3.39%	0.96%
30	36	-4.570	-4.609	0.039	-0.85%	0.24%
30	37	-4.475	-4.571	0.096	-2.15%	0.60%
30	38	-4.494	-4.666	0.172	-3.83%	1.07%
30	39	-4.589	-4.742	0.153	-3.33%	0.96%
30	40	-4.532	-4.514	-0.018	0.40%	0.11%
30	41	-4.399	-4.571	0.172	-3.91%	1.07%
30	42	-4.532	-4.647	0.115	-2.54%	0.72%
50	43	-4.513	-4.647	0.134	-2.97%	0.84%
50	44	-4.475	-4.495	0.020	-0.45%	0.12%
50	45	-4.494	-4.609	0.115	-2.56%	0.72%
50	46	-4.513	-4.457	-0.056	1.24%	0.35%
50	47	-4.570	-4.647	0.077	-1.68%	0.48%
50	48	-4.551	-4.609	0.058	-1.27%	0.36%
50	49	-4.589	-4.533	-0.056	1.22%	0.35%
50	50	-4.589	-4.609	0.020	-0.44%	0.12%
50	51	-4.513	-4.552	0.039	-0.86%	0.24%
50	52	-4.532	-4.609	0.077	-1.70%	0.48%
100	53	-4.532	-4.571	0.039	-0.86%	0.24%
100	54	-4.475	-4.514	0.039	-0.87%	0.24%
100	55	-4.627	-4.666	0.039	-0.84%	0.24%
100	56	-4.437	-4.590	0.153	-3.45%	0.96%
100	57	-4.494	-4.552	0.058	-1.29%	0.36%
100	58	-4.475	-4.495	0.020	-0.45%	0.12%
100	59	-4.475	-4.590	0.115	-2.57%	0.72%
100	60	-4.475	-4.590	0.115	-2.57%	0.72%
100	61	-4.570	-4.609	0.039	-0.85%	0.24%
100	62	-4.570	-4.647	0.077	-1.68%	0.48%
0	73	-4.399	-4.514	0.115	-2.61%	0.72%
0	74	-4.646	-4.647	0.001	-0.02%	0.01%
0	75	-4.532	-4.476	-0.056	1.24%	0.35%
Max		-4.399	-4.457	0.172	1.24%	1.07%
Average		-4.519	-4.585	0.066	-1.47%	0.48%
Min		-4.646	-4.742	-0.056	-3.91%	0.01%
Std Dev		0.062	0.066	0.064	1.44%	0.31%



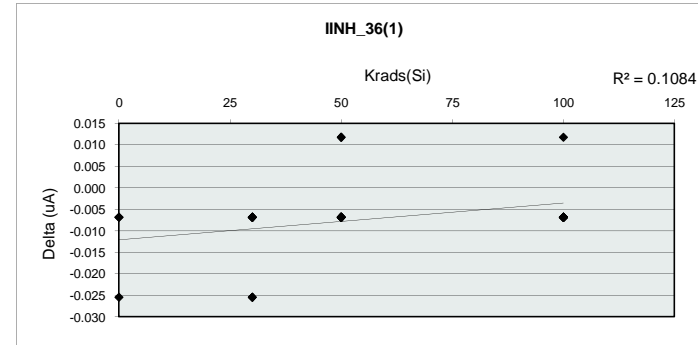
IOSL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.647	-4.742	-4.647	-4.666
Average	-4.546	-4.609	-4.577	-4.582
Max	-4.476	-4.495	-4.457	-4.495
UL	8.000	8.000	8.000	8.000



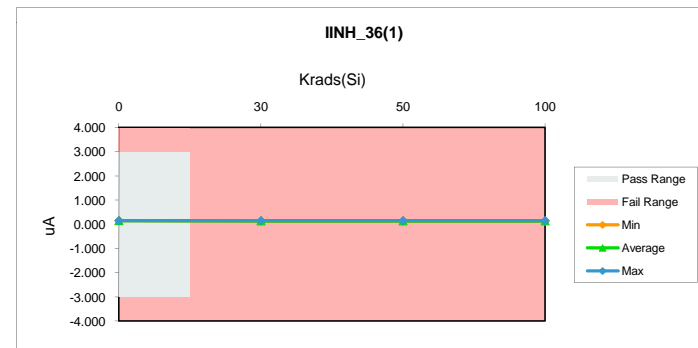
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IINH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.118	0.144	-0.025	-21.58%	0.42%
30	34	0.118	0.125	-0.007	-5.81%	0.11%
30	35	0.118	0.125	-0.007	-5.81%	0.11%
30	36	0.118	0.144	-0.025	-21.58%	0.42%
30	37	0.137	0.144	-0.007	-5.01%	0.11%
30	38	0.118	0.125	-0.007	-5.81%	0.11%
30	39	0.137	0.144	-0.007	-5.01%	0.11%
30	40	0.137	0.144	-0.007	-5.01%	0.11%
30	41	0.137	0.144	-0.007	-5.01%	0.11%
30	42	0.118	0.144	-0.025	-21.58%	0.42%
50	43	0.137	0.125	0.012	8.61%	0.20%
50	44	0.137	0.144	-0.007	-5.01%	0.11%
50	45	0.137	0.144	-0.007	-5.01%	0.11%
50	46	0.118	0.125	-0.007	-5.81%	0.11%
50	47	0.137	0.125	0.012	8.61%	0.20%
50	48	0.118	0.125	-0.007	-5.81%	0.11%
50	49	0.137	0.144	-0.007	-5.01%	0.11%
50	50	0.118	0.125	-0.007	-5.81%	0.11%
50	51	0.118	0.125	-0.007	-5.81%	0.11%
50	52	0.137	0.144	-0.007	-5.01%	0.11%
100	53	0.118	0.125	-0.007	-5.81%	0.11%
100	54	0.118	0.125	-0.007	-5.81%	0.11%
100	55	0.137	0.144	-0.007	-5.01%	0.11%
100	56	0.137	0.144	-0.007	-5.01%	0.11%
100	57	0.118	0.125	-0.007	-5.81%	0.11%
100	58	0.118	0.125	-0.007	-5.81%	0.11%
100	59	0.137	0.125	0.012	8.61%	0.20%
100	60	0.137	0.144	-0.007	-5.01%	0.11%
100	61	0.118	0.125	-0.007	-5.81%	0.11%
100	62	0.137	0.144	-0.007	-5.01%	0.11%
0	73	0.137	0.144	-0.007	-5.01%	0.11%
0	74	0.137	0.144	-0.007	-5.01%	0.11%
0	75	0.118	0.144	-0.025	-21.58%	0.42%
Max		0.137	0.144	0.012	8.61%	0.42%
Average		0.128	0.135	-0.007	-6.07%	0.16%
Min		0.118	0.125	-0.025	-21.58%	0.11%
Std Dev		0.009	0.009	0.009	7.13%	0.10%



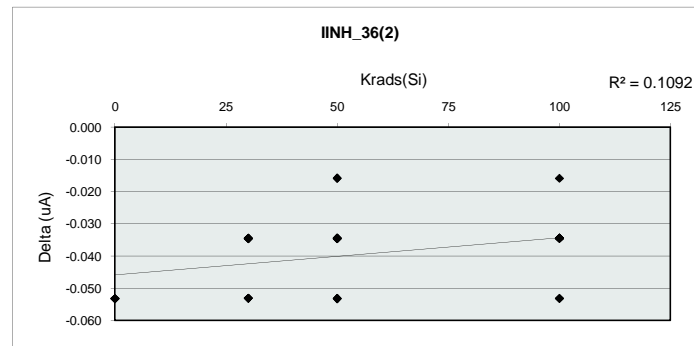
IINH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.144	0.125	0.125	0.125
Average	0.144	0.138	0.132	0.132
Max	0.144	0.144	0.144	0.144
UL	3.000	3.000	3.000	3.000



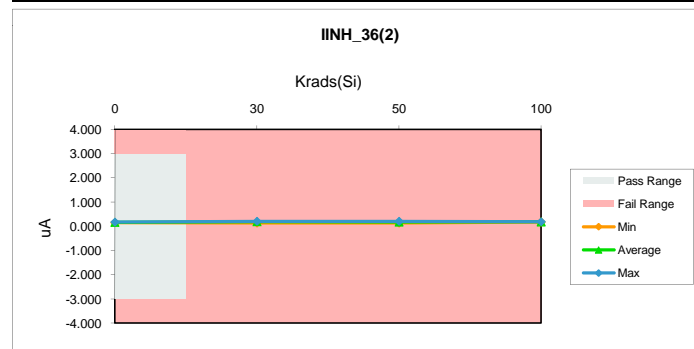
TID HDR Report
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IINH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.150	0.203	-0.053	-35.32%	0.88%
30	34	0.150	0.203	-0.053	-35.32%	0.88%
30	35	0.150	0.203	-0.053	-35.32%	0.88%
30	36	0.169	0.203	-0.034	-20.38%	0.57%
30	37	0.132	0.166	-0.035	-26.24%	0.58%
30	38	0.132	0.166	-0.035	-26.24%	0.58%
30	39	0.150	0.185	-0.034	-22.95%	0.57%
30	40	0.150	0.203	-0.053	-35.32%	0.88%
30	41	0.113	0.148	-0.035	-30.63%	0.58%
30	42	0.094	0.129	-0.035	-36.74%	0.58%
50	43	0.094	0.129	-0.035	-36.74%	0.58%
50	44	0.169	0.185	-0.016	-9.38%	0.26%
50	45	0.132	0.166	-0.035	-26.24%	0.58%
50	46	0.132	0.185	-0.053	-40.37%	0.89%
50	47	0.150	0.185	-0.034	-22.95%	0.57%
50	48	0.150	0.166	-0.016	-10.58%	0.27%
50	49	0.169	0.203	-0.034	-20.38%	0.57%
50	50	0.113	0.166	-0.053	-47.08%	0.89%
50	51	0.094	0.148	-0.053	-56.45%	0.89%
50	52	0.150	0.185	-0.034	-22.95%	0.57%
100	53	0.150	0.185	-0.034	-22.95%	0.57%
100	54	0.150	0.185	-0.034	-22.95%	0.57%
100	55	0.150	0.185	-0.034	-22.95%	0.57%
100	56	0.150	0.166	-0.016	-10.58%	0.27%
100	57	0.150	0.185	-0.034	-22.95%	0.57%
100	58	0.150	0.185	-0.034	-22.95%	0.57%
100	59	0.113	0.166	-0.053	-47.08%	0.89%
100	60	0.132	0.166	-0.035	-26.24%	0.58%
100	61	0.150	0.185	-0.034	-22.95%	0.57%
100	62	0.132	0.185	-0.053	-40.37%	0.89%
0	73	0.113	0.166	-0.053	-47.08%	0.89%
0	74	0.113	0.166	-0.053	-47.08%	0.89%
0	75	0.094	0.148	-0.053	-56.45%	0.89%
Max		0.169	0.203	-0.016	-9.38%	0.89%
Average		0.136	0.176	-0.040	-30.61%	0.66%
Min		0.094	0.129	-0.035	-56.45%	0.26%
Std Dev		0.022	0.020	0.012	12.30%	0.19%



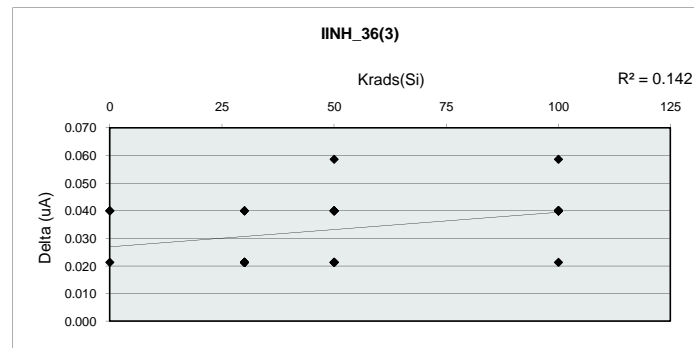
IINH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.148	0.129	0.129	0.166
Average	0.160	0.181	0.172	0.179
Max	0.166	0.203	0.203	0.185
UL	3.000	3.000	3.000	3.000



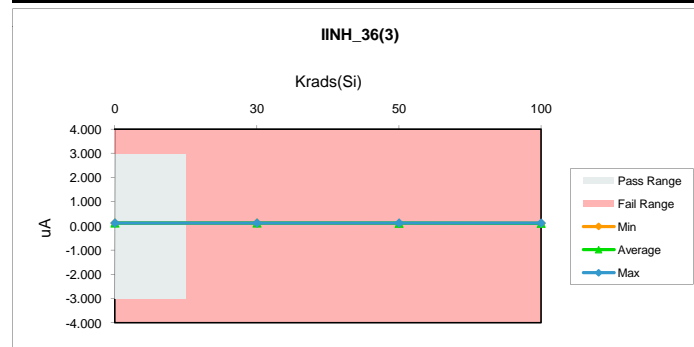
TID HDR Report
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IINH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.139	0.118	0.021	15.32%	0.36%
30	34	0.139	0.118	0.021	15.32%	0.36%
30	35	0.139	0.118	0.021	15.32%	0.36%
30	36	0.158	0.118	0.040	25.33%	0.67%
30	37	0.158	0.118	0.040	25.33%	0.67%
30	38	0.139	0.118	0.021	15.32%	0.36%
30	39	0.139	0.118	0.021	15.32%	0.36%
30	40	0.158	0.118	0.040	25.33%	0.67%
30	41	0.139	0.118	0.021	15.32%	0.36%
30	42	0.139	0.118	0.021	15.32%	0.36%
50	43	0.158	0.118	0.040	25.33%	0.67%
50	44	0.139	0.118	0.021	15.32%	0.36%
50	45	0.158	0.118	0.040	25.33%	0.67%
50	46	0.158	0.099	0.059	37.15%	0.98%
50	47	0.139	0.099	0.040	28.73%	0.67%
50	48	0.139	0.118	0.021	15.32%	0.36%
50	49	0.158	0.118	0.040	25.33%	0.67%
50	50	0.139	0.118	0.021	15.32%	0.36%
50	51	0.139	0.099	0.040	28.73%	0.67%
50	52	0.139	0.118	0.021	15.32%	0.36%
100	53	0.158	0.099	0.059	37.15%	0.98%
100	54	0.139	0.099	0.040	28.73%	0.67%
100	55	0.158	0.118	0.040	25.33%	0.67%
100	56	0.158	0.118	0.040	25.33%	0.67%
100	57	0.139	0.099	0.040	28.73%	0.67%
100	58	0.158	0.118	0.040	25.33%	0.67%
100	59	0.158	0.118	0.040	25.33%	0.67%
100	60	0.139	0.099	0.040	28.73%	0.67%
100	61	0.139	0.099	0.040	28.73%	0.67%
100	62	0.139	0.118	0.021	15.32%	0.36%
0	73	0.139	0.118	0.021	15.32%	0.36%
0	74	0.158	0.118	0.040	25.33%	0.67%
0	75	0.158	0.118	0.040	25.33%	0.67%
Max		0.158	0.118	0.059	37.15%	0.98%
Average		0.147	0.113	0.034	22.72%	0.56%
Min		0.139	0.099	0.021	15.32%	0.36%
Std Dev		0.009	0.008	0.011	6.68%	0.18%



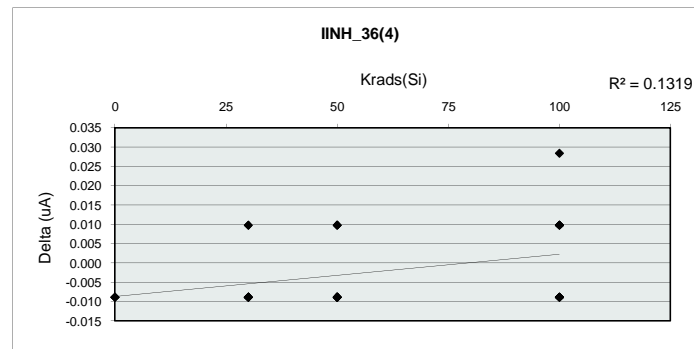
IINH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3 uA			
Min Limit	-3 uA			
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.118	0.118	0.099	0.099
Average	0.118	0.118	0.112	0.108
Max	0.118	0.118	0.118	0.118
UL	3.000	3.000	3.000	3.000



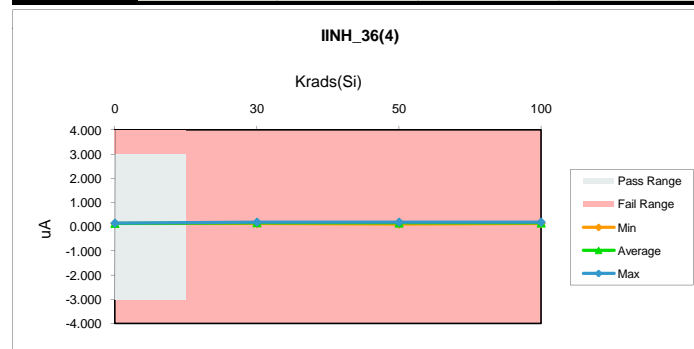
TID HDR Report
SN55LVCP22-SP

IINH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.177	0.186	-0.009	-5.02%	0.15%
30	34	0.177	0.186	-0.009	-5.02%	0.15%
30	35	0.177	0.186	-0.009	-5.02%	0.15%
30	36	0.140	0.149	-0.009	-6.36%	0.15%
30	37	0.159	0.149	0.010	6.13%	0.16%
30	38	0.140	0.149	-0.009	-6.36%	0.15%
30	39	0.177	0.168	0.010	5.49%	0.16%
30	40	0.177	0.186	-0.009	-5.02%	0.15%
30	41	0.140	0.149	-0.009	-6.36%	0.15%
30	42	0.121	0.130	-0.009	-7.34%	0.15%
50	43	0.103	0.112	-0.009	-8.67%	0.15%
50	44	0.196	0.186	0.010	4.97%	0.16%
50	45	0.140	0.149	-0.009	-6.36%	0.15%
50	46	0.159	0.168	-0.009	-5.61%	0.15%
50	47	0.159	0.168	-0.009	-5.61%	0.15%
50	48	0.177	0.168	0.010	5.49%	0.16%
50	49	0.177	0.186	-0.009	-5.02%	0.15%
50	50	0.140	0.149	-0.009	-6.36%	0.15%
50	51	0.103	0.112	-0.009	-8.67%	0.15%
50	52	0.196	0.186	0.010	4.97%	0.16%
100	53	0.159	0.168	-0.009	-5.61%	0.15%
100	54	0.177	0.168	0.010	5.49%	0.16%
100	55	0.177	0.186	-0.009	-5.02%	0.15%
100	56	0.177	0.149	0.028	15.99%	0.47%
100	57	0.177	0.168	0.010	5.49%	0.16%
100	58	0.177	0.168	0.010	5.49%	0.16%
100	59	0.140	0.149	-0.009	-6.36%	0.15%
100	60	0.177	0.168	0.010	5.49%	0.16%
100	61	0.121	0.130	-0.009	-7.34%	0.15%
100	62	0.159	0.168	-0.009	-5.61%	0.15%
0	73	0.140	0.149	-0.009	-6.36%	0.15%
0	74	0.140	0.149	-0.009	-6.36%	0.15%
0	75	0.121	0.130	-0.009	-7.34%	0.15%
Max		0.196	0.186	0.028	15.99%	0.47%
Average		0.157	0.160	-0.003	-2.36%	0.16%
Min		0.103	0.112	-0.009	-8.67%	0.15%
Std Dev		0.025	0.021	0.010	6.26%	0.06%



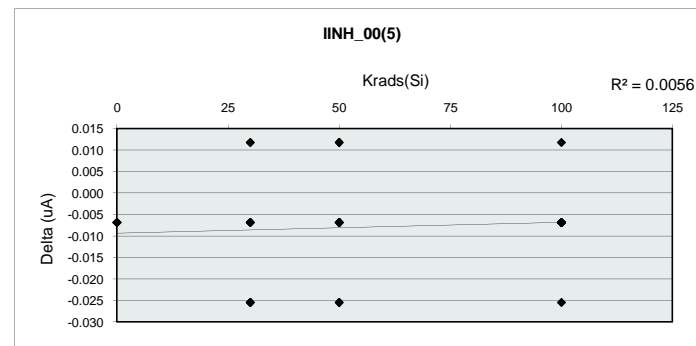
IINH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.130	0.130	0.112	0.130
Average	0.143	0.164	0.158	0.162
Max	0.149	0.186	0.186	0.186
UL	3.000	3.000	3.000	3.000



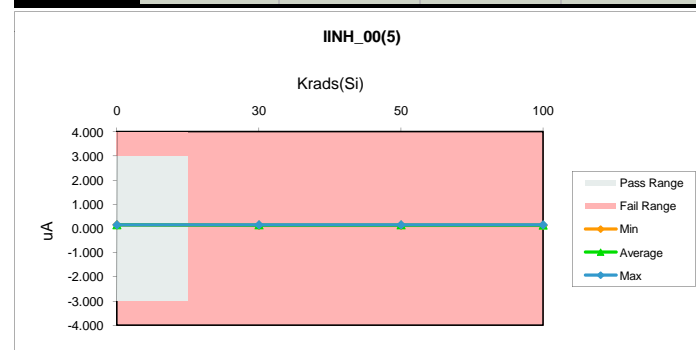
TID HDR Report
SN55LVCP22-SP

IINH_00(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.118	0.144	-0.025	-21.58%	0.42%
30	34	0.118	0.144	-0.025	-21.58%	0.42%
30	35	0.118	0.144	-0.025	-21.58%	0.42%
30	36	0.137	0.125	0.012	8.61%	0.20%
30	37	0.137	0.125	0.012	8.61%	0.20%
30	38	0.118	0.144	-0.025	-21.58%	0.42%
30	39	0.137	0.144	-0.007	-5.01%	0.11%
30	40	0.137	0.144	-0.007	-5.01%	0.11%
30	41	0.137	0.144	-0.007	-5.01%	0.11%
30	42	0.137	0.144	-0.007	-5.01%	0.11%
50	43	0.137	0.144	-0.007	-5.01%	0.11%
50	44	0.137	0.144	-0.007	-5.01%	0.11%
50	45	0.155	0.144	0.012	7.58%	0.20%
50	46	0.118	0.125	-0.007	-5.81%	0.11%
50	47	0.137	0.144	-0.007	-5.01%	0.11%
50	48	0.118	0.144	-0.025	-21.58%	0.42%
50	49	0.137	0.125	0.012	8.61%	0.20%
50	50	0.118	0.125	-0.007	-5.81%	0.11%
50	51	0.118	0.144	-0.025	-21.58%	0.42%
50	52	0.137	0.144	-0.007	-5.01%	0.11%
100	53	0.118	0.125	-0.007	-5.81%	0.11%
100	54	0.118	0.144	-0.025	-21.58%	0.42%
100	55	0.137	0.144	-0.007	-5.01%	0.11%
100	56	0.137	0.144	-0.007	-5.01%	0.11%
100	57	0.118	0.125	-0.007	-5.81%	0.11%
100	58	0.118	0.125	-0.007	-5.81%	0.11%
100	59	0.118	0.125	-0.007	-5.81%	0.11%
100	60	0.118	0.125	-0.007	-5.81%	0.11%
100	61	0.118	0.125	-0.007	-5.81%	0.11%
100	62	0.137	0.125	0.012	8.61%	0.20%
0	73	0.137	0.144	-0.007	-5.01%	0.11%
0	74	0.137	0.144	-0.007	-5.01%	0.11%
0	75	0.137	0.144	-0.007	-5.01%	0.11%
Max		0.155	0.144	0.012	8.61%	0.42%
Average		0.129	0.137	-0.008	-6.69%	0.19%
Min		0.118	0.125	-0.025	-21.58%	0.11%
Std Dev		0.010	0.009	0.011	9.24%	0.13%



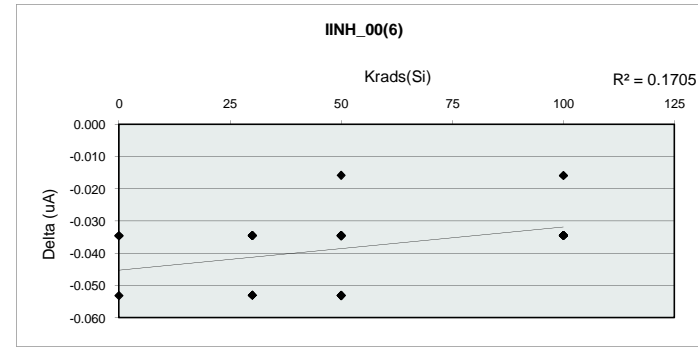
IINH_00(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.144	0.125	0.125	0.125
Average	0.144	0.140	0.138	0.130
Max	0.144	0.144	0.144	0.144
UL	3.000	3.000	3.000	3.000



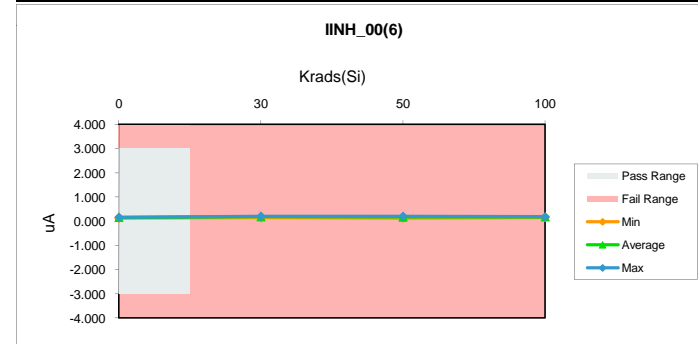
TID HDR Report
SN55LVCP22-SP

IINH_00(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.169	0.203	-0.034	-20.38%	0.57%
30	34	0.150	0.203	-0.053	-35.32%	0.88%
30	35	0.150	0.203	-0.053	-35.32%	0.88%
30	36	0.150	0.203	-0.053	-35.32%	0.88%
30	37	0.132	0.166	-0.035	-26.24%	0.58%
30	38	0.132	0.166	-0.035	-26.24%	0.58%
30	39	0.150	0.185	-0.034	-22.95%	0.57%
30	40	0.150	0.203	-0.053	-35.32%	0.88%
30	41	0.113	0.148	-0.035	-30.63%	0.58%
30	42	0.113	0.148	-0.035	-30.63%	0.58%
50	43	0.094	0.129	-0.035	-36.74%	0.58%
50	44	0.169	0.185	-0.016	-9.38%	0.26%
50	45	0.113	0.166	-0.053	-47.08%	0.89%
50	46	0.150	0.185	-0.034	-22.95%	0.57%
50	47	0.132	0.185	-0.053	-40.37%	0.89%
50	48	0.132	0.166	-0.035	-26.24%	0.58%
50	49	0.169	0.203	-0.034	-20.38%	0.57%
50	50	0.113	0.166	-0.053	-47.08%	0.89%
50	51	0.094	0.129	-0.035	-36.74%	0.58%
50	52	0.150	0.203	-0.053	-35.32%	0.88%
100	53	0.150	0.185	-0.034	-22.95%	0.57%
100	54	0.150	0.185	-0.034	-22.95%	0.57%
100	55	0.150	0.185	-0.034	-22.95%	0.57%
100	56	0.150	0.166	-0.016	-10.58%	0.27%
100	57	0.150	0.185	-0.034	-22.95%	0.57%
100	58	0.150	0.185	-0.034	-22.95%	0.57%
100	59	0.113	0.148	-0.035	-30.63%	0.58%
100	60	0.132	0.166	-0.035	-26.24%	0.58%
100	61	0.150	0.185	-0.034	-22.95%	0.57%
100	62	0.150	0.166	-0.016	-10.58%	0.27%
0	73	0.132	0.166	-0.035	-26.24%	0.58%
0	74	0.113	0.166	-0.053	-47.08%	0.89%
0	75	0.094	0.129	-0.035	-36.74%	0.58%
Max		0.169	0.203	-0.016	-9.38%	0.89%
Average		0.137	0.175	-0.038	-28.68%	0.63%
Min		0.094	0.129	-0.035	-47.08%	0.26%
Std Dev		0.022	0.022	0.011	9.74%	0.18%



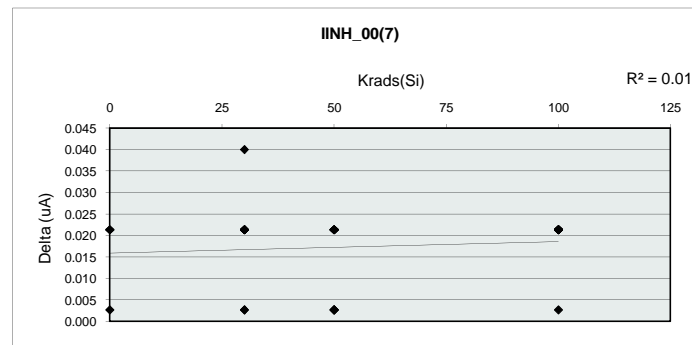
IINH_00(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.129	0.148	0.129	0.148
Average	0.154	0.183	0.172	0.176
Max	0.166	0.203	0.203	0.185
UL	3.000	3.000	3.000	3.000



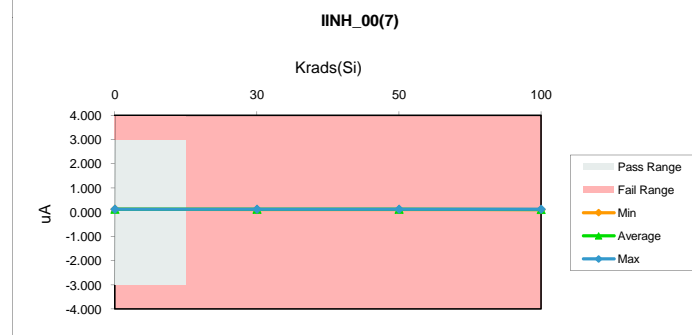
TID HDR Report
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IINH_00(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.139	0.118	0.021	15.32%	0.36%
30	34	0.139	0.118	0.021	15.32%	0.36%
30	35	0.139	0.118	0.021	15.32%	0.36%
30	36	0.139	0.118	0.021	15.32%	0.36%
30	37	0.139	0.118	0.021	15.32%	0.36%
30	38	0.139	0.118	0.021	15.32%	0.36%
30	39	0.120	0.118	0.003	2.22%	0.04%
30	40	0.120	0.118	0.003	2.22%	0.04%
30	41	0.139	0.099	0.040	28.73%	0.67%
30	42	0.139	0.118	0.021	15.32%	0.36%
50	43	0.139	0.118	0.021	15.32%	0.36%
50	44	0.139	0.118	0.021	15.32%	0.36%
50	45	0.139	0.118	0.021	15.32%	0.36%
50	46	0.139	0.118	0.021	15.32%	0.36%
50	47	0.120	0.118	0.003	2.22%	0.04%
50	48	0.120	0.118	0.003	2.22%	0.04%
50	49	0.139	0.118	0.021	15.32%	0.36%
50	50	0.120	0.099	0.021	17.70%	0.36%
50	51	0.120	0.118	0.003	2.22%	0.04%
50	52	0.120	0.118	0.003	2.22%	0.04%
100	53	0.120	0.099	0.021	17.70%	0.36%
100	54	0.120	0.118	0.003	2.22%	0.04%
100	55	0.139	0.118	0.021	15.32%	0.36%
100	56	0.139	0.118	0.021	15.32%	0.36%
100	57	0.120	0.099	0.021	17.70%	0.36%
100	58	0.139	0.118	0.021	15.32%	0.36%
100	59	0.120	0.099	0.021	17.70%	0.36%
100	60	0.120	0.099	0.021	17.70%	0.36%
100	61	0.120	0.099	0.021	17.70%	0.36%
100	62	0.139	0.118	0.021	15.32%	0.36%
0	73	0.120	0.118	0.003	2.22%	0.04%
0	74	0.139	0.118	0.021	15.32%	0.36%
0	75	0.139	0.118	0.021	15.32%	0.36%
Max		0.139	0.118	0.040	28.73%	0.67%
Average		0.131	0.114	0.017	12.99%	0.29%
Min		0.120	0.099	0.003	2.22%	0.04%
Std Dev		0.009	0.008	0.009	6.63%	0.15%



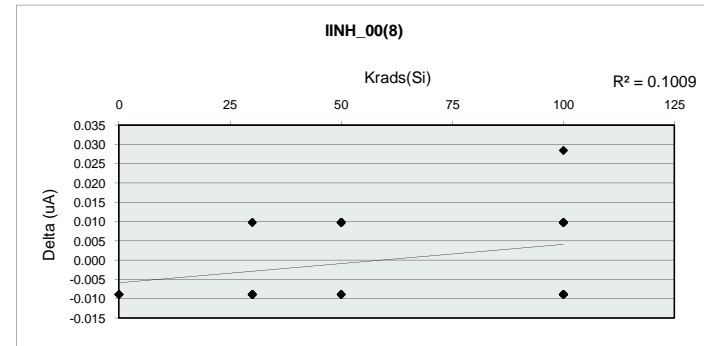
IINH_00(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.118	0.099	0.099	0.099
Average	0.118	0.116	0.116	0.108
Max	0.118	0.118	0.118	0.118
UL	3.000	3.000	3.000	3.000



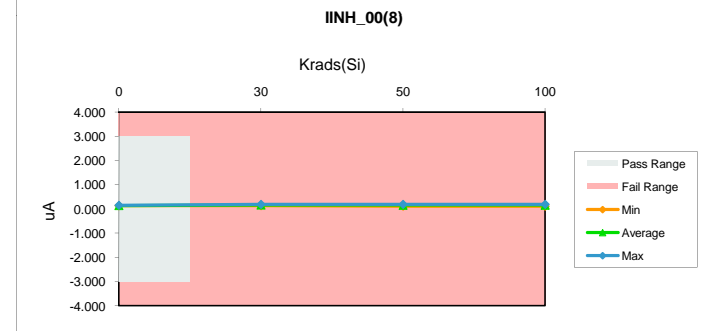
TID HDR Report
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		IINH_00(8)	
Test Site		Dallas	Dallas
Tester		Impact	Impact
Test Number		I21072	I21072
Unit		uA	uA
Max Limit		3	3
Min Limit		-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.177	0.186	-0.009	-5.02%	0.15%
30	34	0.177	0.186	-0.009	-5.02%	0.15%
30	35	0.177	0.186	-0.009	-5.02%	0.15%
30	36	0.140	0.149	-0.009	-6.36%	0.15%
30	37	0.159	0.149	0.010	6.13%	0.16%
30	38	0.140	0.149	-0.009	-6.36%	0.15%
30	39	0.177	0.168	0.010	5.49%	0.16%
30	40	0.177	0.186	-0.009	-5.02%	0.15%
30	41	0.140	0.149	-0.009	-6.36%	0.15%
30	42	0.121	0.130	-0.009	-7.34%	0.15%
50	43	0.121	0.112	0.010	8.01%	0.16%
50	44	0.196	0.186	0.010	4.97%	0.16%
50	45	0.140	0.130	0.010	6.94%	0.16%
50	46	0.159	0.168	-0.009	-5.61%	0.15%
50	47	0.159	0.168	-0.009	-5.61%	0.15%
50	48	0.177	0.168	0.010	5.49%	0.16%
50	49	0.196	0.186	0.010	4.97%	0.16%
50	50	0.140	0.149	-0.009	-6.36%	0.15%
50	51	0.121	0.112	0.010	8.01%	0.16%
50	52	0.196	0.186	0.010	4.97%	0.16%
100	53	0.177	0.168	0.010	5.49%	0.16%
100	54	0.177	0.168	0.010	5.49%	0.16%
100	55	0.177	0.186	-0.009	-5.02%	0.15%
100	56	0.177	0.149	0.028	15.99%	0.47%
100	57	0.159	0.168	-0.009	-5.61%	0.15%
100	58	0.159	0.168	-0.009	-5.61%	0.15%
100	59	0.140	0.149	-0.009	-6.36%	0.15%
100	60	0.177	0.168	0.010	5.49%	0.16%
100	61	0.121	0.112	0.010	8.01%	0.16%
100	62	0.159	0.168	-0.009	-5.61%	0.15%
0	73	0.140	0.149	-0.009	-6.36%	0.15%
0	74	0.140	0.149	-0.009	-6.36%	0.15%
0	75	0.121	0.130	-0.009	-7.34%	0.15%
	Max	0.196	0.186	0.028	15.99%	0.47%
	Average	0.158	0.158	0.000	-0.51%	0.16%
	Min	0.121	0.112	-0.009	-7.34%	0.15%
	Std Dev	0.024	0.023	0.011	6.67%	0.06%



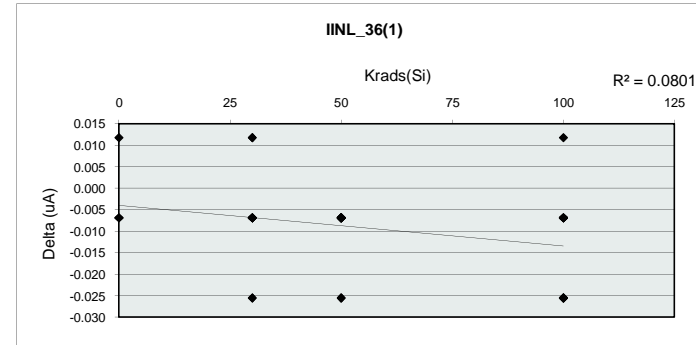
		IINH_00(8)			
Test Site		Dallas			
Tester		Impact			
Test Number		I21072			
Max Limit		3	uA		
Min Limit		-3	uA		
Krads(Si)		0	30	50	100
LL		-3.000	-3.000	-3.000	-3.000
Min		0.130	0.130	0.112	0.112
Average		0.143	0.164	0.156	0.160
Max		0.149	0.186	0.186	0.186
UL		3.000	3.000	3.000	3.000



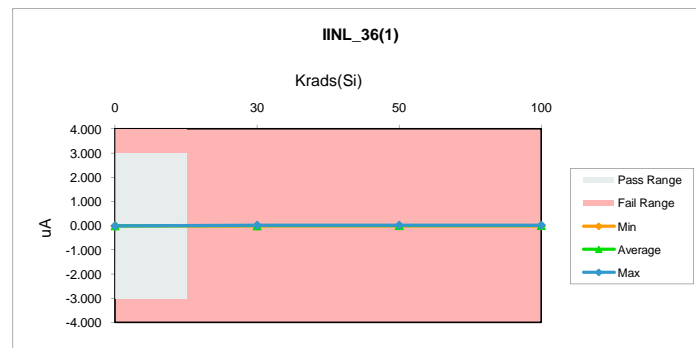
TID HDR Report
SN55LVCP22-SP

IINL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.012	-0.005	-0.007	55.95%	0.11%
30	34	-0.012	-0.005	-0.007	55.95%	0.11%
30	35	-0.012	-0.005	-0.007	55.95%	0.11%
30	36	-0.012	-0.005	-0.007	55.95%	0.11%
30	37	-0.012	-0.005	-0.007	55.95%	0.11%
30	38	-0.012	-0.005	-0.007	55.95%	0.11%
30	39	-0.012	0.013	-0.026	207.09%	0.43%
30	40	0.006	-0.005	0.012	186.07%	0.20%
30	41	0.006	-0.005	0.012	186.07%	0.20%
30	42	-0.012	0.013	-0.026	207.09%	0.43%
50	43	-0.012	-0.005	-0.007	55.95%	0.11%
50	44	-0.012	0.013	-0.026	207.09%	0.43%
50	45	0.006	0.013	-0.007	-109.23%	0.11%
50	46	0.006	0.013	-0.007	-109.23%	0.11%
50	47	-0.012	-0.005	-0.007	55.95%	0.11%
50	48	-0.012	0.013	-0.026	207.09%	0.43%
50	49	-0.012	-0.005	-0.007	55.95%	0.11%
50	50	-0.012	-0.005	-0.007	55.95%	0.11%
50	51	-0.012	-0.005	-0.007	55.95%	0.11%
50	52	-0.012	-0.005	-0.007	55.95%	0.11%
100	53	0.006	-0.005	0.012	186.07%	0.20%
100	54	-0.012	-0.005	-0.007	55.95%	0.11%
100	55	-0.012	-0.005	-0.007	55.95%	0.11%
100	56	-0.012	0.013	-0.026	207.09%	0.43%
100	57	-0.012	-0.005	-0.007	55.95%	0.11%
100	58	-0.012	-0.005	-0.007	55.95%	0.11%
100	59	-0.012	0.013	-0.026	207.09%	0.43%
100	60	-0.012	0.013	-0.026	207.09%	0.43%
100	61	-0.012	-0.005	-0.007	55.95%	0.11%
100	62	-0.012	0.013	-0.026	207.09%	0.43%
0	73	-0.012	-0.005	-0.007	55.95%	0.11%
0	74	0.006	-0.005	0.012	186.07%	0.20%
0	75	-0.012	-0.005	-0.007	55.95%	0.11%
	Max	0.006	0.013	0.012	207.09%	0.43%
	Average	-0.009	0.000	-0.009	98.35%	0.20%
	Min	-0.012	-0.005	-0.026	-109.23%	0.11%
	Std Dev	0.007	0.009	0.011	87.63%	0.13%



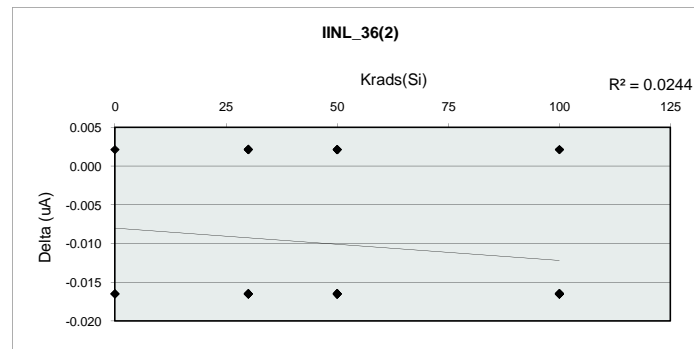
IINL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.005	-0.005	-0.005	-0.005
Average	-0.005	-0.002	0.002	0.002
Max	-0.005	0.013	0.013	0.013
UL	3.000	3.000	3.000	3.000



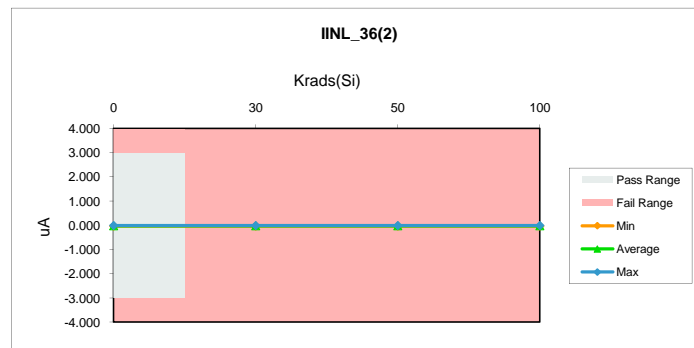
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IINL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.020	-0.016	45.54%	0.27%
30	34	-0.036	-0.038	0.002	-5.81%	0.04%
30	35	-0.036	-0.020	-0.016	45.54%	0.27%
30	36	-0.036	-0.020	-0.016	45.54%	0.27%
30	37	-0.018	-0.020	0.002	-12.32%	0.04%
30	38	-0.036	-0.038	0.002	-5.81%	0.04%
30	39	-0.036	-0.020	-0.016	45.54%	0.27%
30	40	-0.036	-0.020	-0.016	45.54%	0.27%
30	41	-0.036	-0.020	-0.016	45.54%	0.27%
30	42	-0.036	-0.038	0.002	-5.81%	0.04%
50	43	-0.036	-0.038	0.002	-5.81%	0.04%
50	44	-0.036	-0.020	-0.016	45.54%	0.27%
50	45	-0.036	-0.038	0.002	-5.81%	0.04%
50	46	-0.036	-0.020	-0.016	45.54%	0.27%
50	47	-0.036	-0.038	0.002	-5.81%	0.04%
50	48	-0.036	-0.020	-0.016	45.54%	0.27%
50	49	-0.036	-0.020	-0.016	45.54%	0.27%
50	50	-0.036	-0.020	-0.016	45.54%	0.27%
50	51	-0.036	-0.020	-0.016	45.54%	0.27%
50	52	-0.036	-0.038	0.002	-5.81%	0.04%
100	53	-0.036	-0.020	-0.016	45.54%	0.27%
100	54	-0.036	-0.020	-0.016	45.54%	0.27%
100	55	-0.036	-0.020	-0.016	45.54%	0.27%
100	56	-0.036	-0.038	0.002	-5.81%	0.04%
100	57	-0.036	-0.020	-0.016	45.54%	0.27%
100	58	-0.036	-0.020	-0.016	45.54%	0.27%
100	59	-0.036	-0.038	0.002	-5.81%	0.04%
100	60	-0.036	-0.020	-0.016	45.54%	0.27%
100	61	-0.036	-0.020	-0.016	45.54%	0.27%
100	62	-0.036	-0.020	-0.016	45.54%	0.27%
0	73	-0.036	-0.020	-0.016	45.54%	0.27%
0	74	-0.036	-0.020	-0.016	45.54%	0.27%
0	75	-0.036	-0.038	0.002	-5.81%	0.04%
	Max	-0.018	-0.020	0.002	45.54%	0.27%
	Average	-0.036	-0.025	-0.010	28.23%	0.19%
	Min	-0.036	-0.038	-0.016	-12.32%	0.04%
	Std Dev	0.003	0.009	0.009	24.89%	0.11%



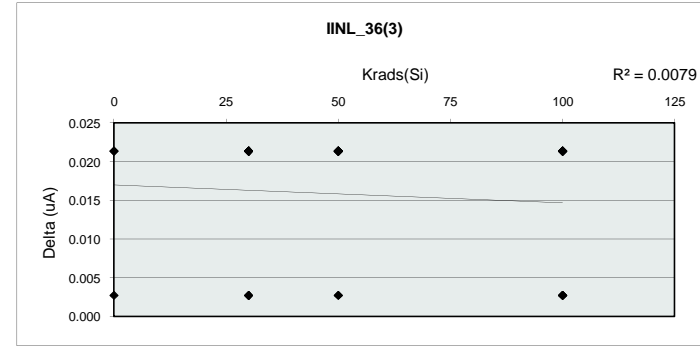
IINL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.038	-0.038	-0.038	-0.038
Average	-0.026	-0.025	-0.027	-0.023
Max	-0.020	-0.020	-0.020	-0.020
UL	3.000	3.000	3.000	3.000



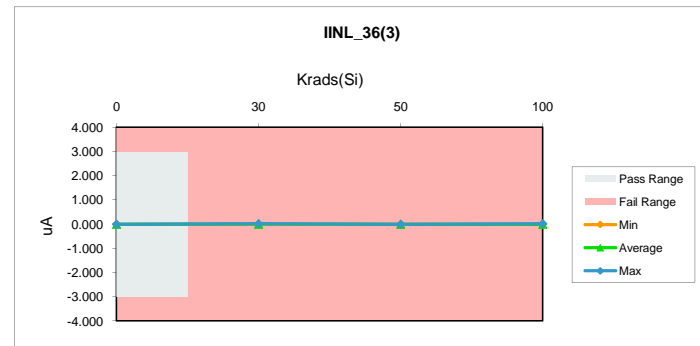
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IINL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.009	-0.013	0.021	247.58%	0.36%
30	34	0.009	0.006	0.003	31.60%	0.05%
30	35	0.009	-0.013	0.021	247.58%	0.36%
30	36	0.009	-0.013	0.021	247.58%	0.36%
30	37	0.009	0.006	0.003	31.60%	0.05%
30	38	0.009	-0.013	0.021	247.58%	0.36%
30	39	0.009	0.006	0.003	31.60%	0.05%
30	40	0.009	-0.013	0.021	247.58%	0.36%
30	41	0.009	-0.013	0.021	247.58%	0.36%
30	42	0.009	-0.013	0.021	247.58%	0.36%
50	43	0.009	-0.013	0.021	247.58%	0.36%
50	44	0.009	-0.013	0.021	247.58%	0.36%
50	45	0.009	-0.013	0.021	247.58%	0.36%
50	46	0.009	-0.013	0.021	247.58%	0.36%
50	47	-0.010	-0.013	0.003	-27.35%	0.05%
50	48	0.009	-0.013	0.021	247.58%	0.36%
50	49	-0.010	-0.013	0.003	-27.35%	0.05%
50	50	0.009	-0.013	0.021	247.58%	0.36%
50	51	0.009	-0.013	0.021	247.58%	0.36%
50	52	0.009	-0.013	0.021	247.58%	0.36%
100	53	0.009	-0.013	0.021	247.58%	0.36%
100	54	-0.010	-0.013	0.003	-27.35%	0.05%
100	55	0.009	-0.013	0.021	247.58%	0.36%
100	56	0.009	-0.013	0.021	247.58%	0.36%
100	57	0.009	0.006	0.003	31.60%	0.05%
100	58	0.009	-0.013	0.021	247.58%	0.36%
100	59	-0.010	-0.013	0.003	-27.35%	0.05%
100	60	-0.010	-0.013	0.003	-27.35%	0.05%
100	61	0.009	-0.013	0.021	247.58%	0.36%
100	62	0.009	-0.013	0.021	247.58%	0.36%
0	73	-0.010	-0.013	0.003	-27.35%	0.05%
0	74	0.009	-0.013	0.021	247.58%	0.36%
0	75	0.009	-0.013	0.021	247.58%	0.36%
Max		0.009	0.006	0.021	247.58%	0.36%
Average		0.005	-0.010	0.016	171.41%	0.26%
Min		-0.010	-0.013	0.003	-27.35%	0.05%
Std Dev		0.007	0.006	0.009	118.41%	0.14%



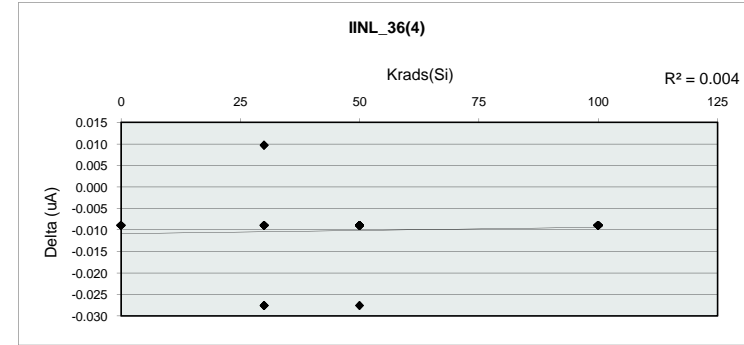
IINL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.013	-0.013	-0.013	-0.013
Average	-0.013	-0.007	-0.013	-0.011
Max	-0.013	0.006	-0.013	0.006
UL	3.000	3.000	3.000	3.000



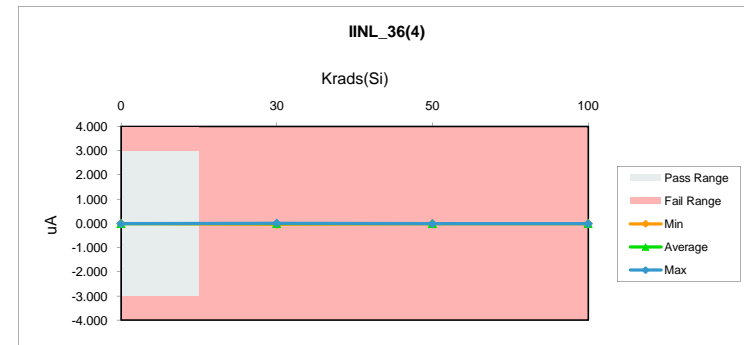
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IINL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.028	0.000	-0.028	99.71%	0.46%
30	34	-0.009	-0.019	0.010	-107.67%	0.16%
30	35	-0.028	-0.019	-0.009	32.31%	0.15%
30	36	-0.028	-0.019	-0.009	32.31%	0.15%
30	37	-0.028	-0.019	-0.009	32.31%	0.15%
30	38	-0.028	0.000	-0.028	99.71%	0.46%
30	39	-0.046	-0.019	-0.028	59.57%	0.46%
30	40	-0.028	-0.037	0.010	-35.08%	0.16%
30	41	-0.028	-0.019	-0.009	32.31%	0.15%
30	42	-0.028	-0.019	-0.009	32.31%	0.15%
50	43	-0.028	-0.019	-0.009	32.31%	0.15%
50	44	-0.046	-0.019	-0.028	59.57%	0.46%
50	45	-0.028	-0.019	-0.009	32.31%	0.15%
50	46	-0.028	-0.019	-0.009	32.31%	0.15%
50	47	-0.028	-0.019	-0.009	32.31%	0.15%
50	48	-0.028	-0.019	-0.009	32.31%	0.15%
50	49	-0.028	-0.019	-0.009	32.31%	0.15%
50	50	-0.028	-0.019	-0.009	32.31%	0.15%
50	51	-0.028	-0.019	-0.009	32.31%	0.15%
50	52	-0.028	-0.019	-0.009	32.31%	0.15%
100	53	-0.028	-0.019	-0.009	32.31%	0.15%
100	54	-0.028	-0.019	-0.009	32.31%	0.15%
100	55	-0.028	-0.019	-0.009	32.31%	0.15%
100	56	-0.028	-0.019	-0.009	32.31%	0.15%
100	57	-0.028	-0.019	-0.009	32.31%	0.15%
100	58	-0.028	-0.019	-0.009	32.31%	0.15%
100	59	-0.028	-0.019	-0.009	32.31%	0.15%
100	60	-0.028	-0.019	-0.009	32.31%	0.15%
100	61	-0.028	-0.019	-0.009	32.31%	0.15%
100	62	-0.028	-0.019	-0.009	32.31%	0.15%
0	73	-0.028	-0.019	-0.009	32.31%	0.15%
0	74	-0.028	-0.019	-0.009	32.31%	0.15%
0	75	-0.028	-0.019	-0.009	32.31%	0.15%
Max		-0.009	0.000	0.010	99.71%	0.46%
Average		-0.028	-0.018	-0.010	31.76%	0.19%
Min		-0.046	-0.037	-0.028	-107.67%	0.15%
Std Dev		0.006	0.006	0.008	32.93%	0.10%



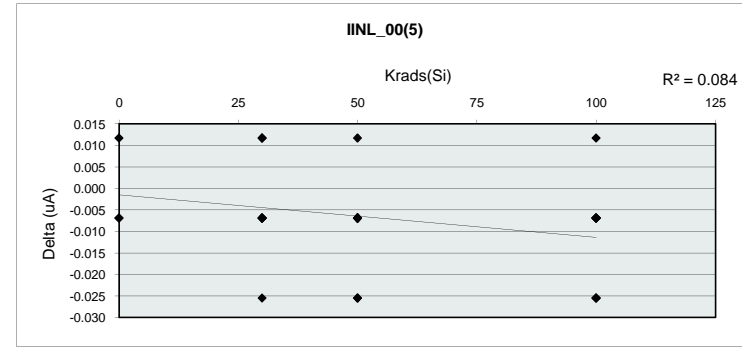
IINL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.019	-0.037	-0.019	-0.019
Average	-0.019	-0.017	-0.019	-0.019
Max	-0.019	0.000	-0.019	-0.019
UL	3.000	3.000	3.000	3.000



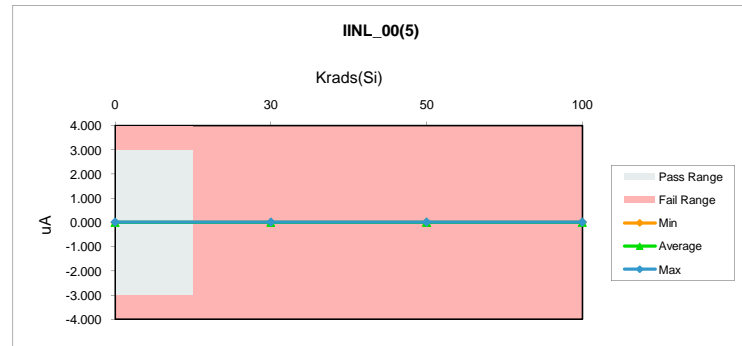
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IINL_00(5)		
Test Site	Dallas	
Tester	Impact	
Test Number	I21072	I21072
Unit	uA	
Max Limit	3	
Min Limit	-3	

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.006	-0.005	0.012	186.07%	0.20%
30	34	0.006	-0.005	0.012	186.07%	0.20%
30	35	0.006	-0.005	0.012	186.07%	0.20%
30	36	-0.012	-0.005	-0.007	55.95%	0.11%
30	37	-0.012	-0.005	-0.007	55.95%	0.11%
30	38	-0.012	-0.005	-0.007	55.95%	0.11%
30	39	-0.012	0.013	-0.026	207.09%	0.43%
30	40	-0.012	-0.005	-0.007	55.95%	0.11%
30	41	0.006	0.013	-0.007	-109.23%	0.11%
30	42	-0.012	-0.005	-0.007	55.95%	0.11%
50	43	0.006	0.013	-0.007	-109.23%	0.11%
50	44	-0.012	0.013	-0.026	207.09%	0.43%
50	45	-0.012	-0.005	-0.007	55.95%	0.11%
50	46	-0.012	-0.005	-0.007	55.95%	0.11%
50	47	-0.012	0.013	-0.026	207.09%	0.43%
50	48	0.006	0.013	-0.007	-109.23%	0.11%
50	49	0.006	-0.005	0.012	186.07%	0.20%
50	50	-0.012	-0.005	-0.007	55.95%	0.11%
50	51	-0.012	-0.005	-0.007	55.95%	0.11%
50	52	0.006	0.013	-0.007	-109.23%	0.11%
100	53	0.006	-0.005	0.012	186.07%	0.20%
100	54	-0.012	0.013	-0.026	207.09%	0.43%
100	55	-0.012	-0.005	-0.007	55.95%	0.11%
100	56	-0.012	-0.005	-0.007	55.95%	0.11%
100	57	-0.012	0.013	-0.026	207.09%	0.43%
100	58	-0.012	-0.005	-0.007	55.95%	0.11%
100	59	0.006	0.013	-0.007	-109.23%	0.11%
100	60	-0.012	-0.005	-0.007	55.95%	0.11%
100	61	-0.012	0.013	-0.026	207.09%	0.43%
100	62	-0.012	-0.005	-0.007	55.95%	0.11%
0	73	-0.012	-0.005	-0.007	55.95%	0.11%
0	74	0.006	-0.005	0.012	186.07%	0.20%
0	75	0.006	0.013	-0.007	-109.23%	0.11%
Max		0.006	0.013	0.012	207.09%	0.43%
Average		-0.006	0.001	-0.007	77.05%	0.19%
Min		-0.012	-0.005	-0.026	-109.23%	0.11%
Std Dev		0.009	0.009	0.011	110.07%	0.12%



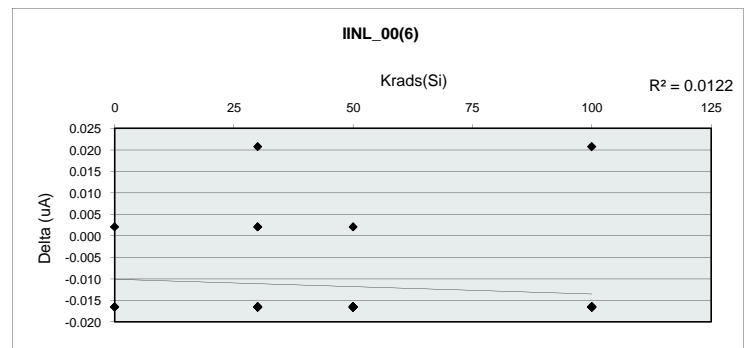
IINL_00(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3 uA			
Min Limit	-3 uA			
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.005	-0.005	-0.005	-0.005
Average	0.001	-0.002	0.004	0.002
Max	0.013	0.013	0.013	0.013
UL	3.000	3.000	3.000	3.000



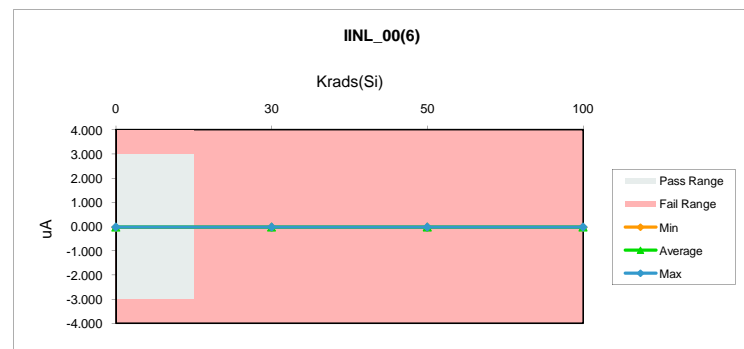
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IINL_00(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.020	-0.016	45.54%	0.27%
30	34	-0.036	-0.038	0.002	-5.81%	0.04%
30	35	-0.036	-0.020	-0.016	45.54%	0.27%
30	36	-0.036	-0.020	-0.016	45.54%	0.27%
30	37	-0.036	-0.020	-0.016	45.54%	0.27%
30	38	-0.036	-0.020	-0.016	45.54%	0.27%
30	39	-0.036	-0.038	0.002	-5.81%	0.04%
30	40	-0.036	-0.020	-0.016	45.54%	0.27%
30	41	-0.036	-0.020	-0.016	45.54%	0.27%
30	42	-0.018	-0.038	0.021	-118.26%	0.35%
50	43	-0.036	-0.038	0.002	-5.81%	0.04%
50	44	-0.036	-0.020	-0.016	45.54%	0.27%
50	45	-0.036	-0.020	-0.016	45.54%	0.27%
50	46	-0.036	-0.020	-0.016	45.54%	0.27%
50	47	-0.036	-0.020	-0.016	45.54%	0.27%
50	48	-0.036	-0.020	-0.016	45.54%	0.27%
50	49	-0.036	-0.020	-0.016	45.54%	0.27%
50	50	-0.036	-0.020	-0.016	45.54%	0.27%
50	51	-0.036	-0.020	-0.016	45.54%	0.27%
50	52	-0.036	-0.020	-0.016	45.54%	0.27%
100	53	-0.036	-0.020	-0.016	45.54%	0.27%
100	54	-0.036	-0.020	-0.016	45.54%	0.27%
100	55	-0.036	-0.020	-0.016	45.54%	0.27%
100	56	-0.036	-0.020	-0.016	45.54%	0.27%
100	57	-0.036	-0.020	-0.016	45.54%	0.27%
100	58	-0.036	-0.020	-0.016	45.54%	0.27%
100	59	-0.036	-0.020	-0.016	45.54%	0.27%
100	60	-0.036	-0.020	-0.016	45.54%	0.27%
100	61	-0.018	-0.038	0.021	-118.26%	0.35%
100	62	-0.036	-0.020	-0.016	45.54%	0.27%
0	73	-0.036	-0.020	-0.016	45.54%	0.27%
0	74	-0.036	-0.020	-0.016	45.54%	0.27%
0	75	-0.036	-0.038	0.002	-5.81%	0.04%
Max		-0.018	-0.020	0.021	45.54%	0.35%
Average		-0.035	-0.023	-0.012	29.39%	0.25%
Min		-0.036	-0.038	-0.016	-118.26%	0.04%
Std Dev		0.005	0.007	0.010	41.69%	0.08%



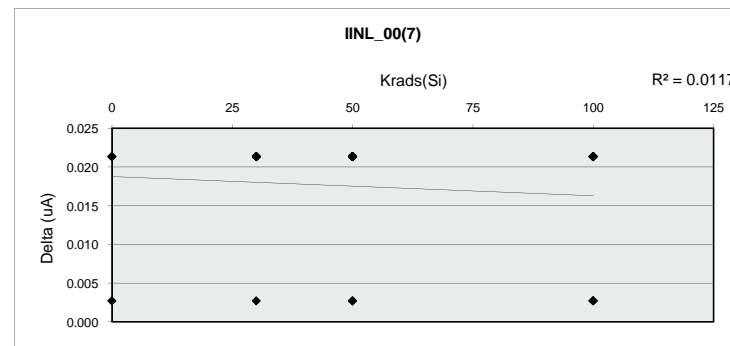
IINL_00(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.038	-0.038	-0.038	-0.038
Average	-0.026	-0.025	-0.022	-0.022
Max	-0.020	-0.020	-0.020	-0.020
UL	3.000	3.000	3.000	3.000



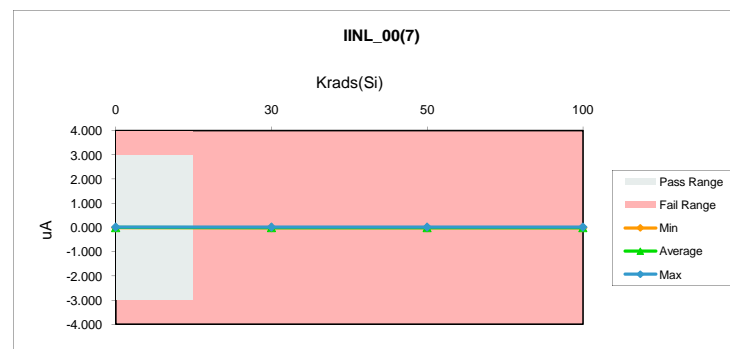
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IINL_00(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.009	-0.013	0.021	247.58%	0.36%
30	34	0.009	-0.013	0.021	247.58%	0.36%
30	35	0.009	-0.013	0.021	247.58%	0.36%
30	36	0.009	-0.013	0.021	247.58%	0.36%
30	37	0.009	-0.013	0.021	247.58%	0.36%
30	38	0.009	-0.013	0.021	247.58%	0.36%
30	39	0.009	-0.013	0.021	247.58%	0.36%
30	40	0.009	-0.013	0.021	247.58%	0.36%
30	41	0.009	-0.013	0.021	247.58%	0.36%
30	42	0.009	0.006	0.003	31.60%	0.05%
50	43	0.009	0.006	0.003	31.60%	0.05%
50	44	0.009	-0.013	0.021	247.58%	0.36%
50	45	0.009	-0.013	0.021	247.58%	0.36%
50	46	0.009	0.006	0.003	31.60%	0.05%
50	47	0.009	-0.013	0.021	247.58%	0.36%
50	48	0.009	-0.013	0.021	247.58%	0.36%
50	49	0.009	-0.013	0.021	247.58%	0.36%
50	50	0.009	-0.013	0.021	247.58%	0.36%
50	51	0.009	-0.013	0.021	247.58%	0.36%
50	52	0.009	-0.013	0.021	247.58%	0.36%
100	53	0.009	-0.013	0.021	247.58%	0.36%
100	54	-0.010	-0.013	0.003	-27.35%	0.05%
100	55	-0.010	-0.013	0.003	-27.35%	0.05%
100	56	0.009	-0.013	0.021	247.58%	0.36%
100	57	0.009	-0.013	0.021	247.58%	0.36%
100	58	0.009	-0.013	0.021	247.58%	0.36%
100	59	0.009	0.006	0.003	31.60%	0.05%
100	60	0.009	-0.013	0.021	247.58%	0.36%
100	61	0.009	-0.013	0.021	247.58%	0.36%
100	62	0.009	-0.013	0.021	247.58%	0.36%
0	73	0.009	-0.013	0.021	247.58%	0.36%
0	74	0.009	-0.013	0.021	247.58%	0.36%
0	75	0.009	0.006	0.003	31.60%	0.05%
	Max	0.009	0.006	0.021	247.58%	0.36%
	Average	0.008	-0.010	0.017	198.20%	0.29%
	Min	-0.010	-0.013	0.003	-27.35%	0.05%
	Std Dev	0.005	0.007	0.008	97.46%	0.13%



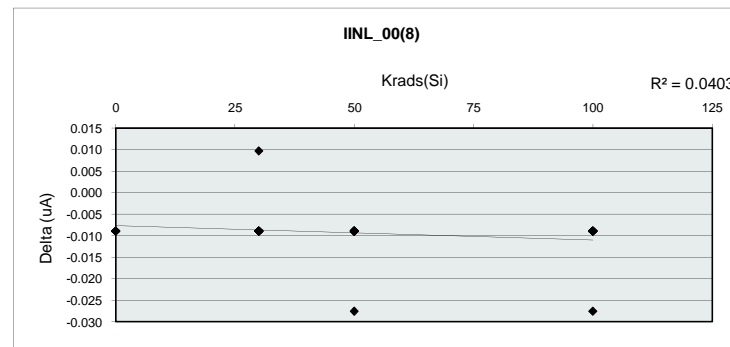
IINL_00(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.013	-0.013	-0.013	-0.013
Average	-0.007	-0.011	-0.009	-0.011
Max	0.006	0.006	0.006	0.006
UL	3.000	3.000	3.000	3.000



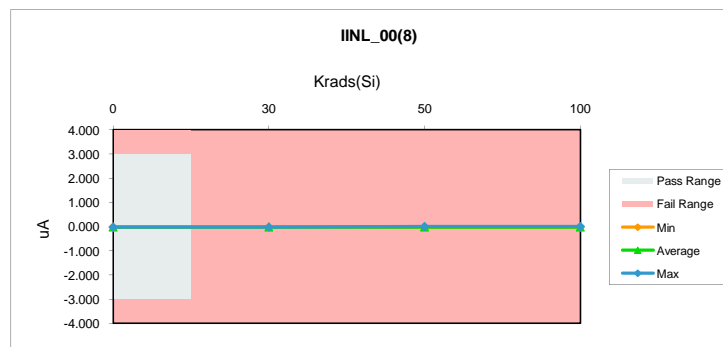
TID HDR Report
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IINL_00(8)	
Test Site	Dallas
Tester	Impact
Test Number	I21072
Unit	uA
Max Limit	3
Min Limit	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.028	-0.019	-0.009	32.31%	0.15%
30	34	-0.028	-0.019	-0.009	32.31%	0.15%
30	35	-0.028	-0.019	-0.009	32.31%	0.15%
30	36	-0.028	-0.019	-0.009	32.31%	0.15%
30	37	-0.028	-0.019	-0.009	32.31%	0.15%
30	38	-0.028	-0.019	-0.009	32.31%	0.15%
30	39	-0.028	-0.019	-0.009	32.31%	0.15%
30	40	-0.028	-0.019	-0.009	32.31%	0.15%
30	41	-0.009	-0.019	0.010	-107.67%	0.16%
30	42	-0.028	-0.019	-0.009	32.31%	0.15%
50	43	-0.028	-0.019	-0.009	32.31%	0.15%
50	44	-0.028	-0.019	-0.009	32.31%	0.15%
50	45	-0.028	-0.019	-0.009	32.31%	0.15%
50	46	-0.028	-0.019	-0.009	32.31%	0.15%
50	47	-0.028	-0.019	-0.009	32.31%	0.15%
50	48	-0.028	-0.019	-0.009	32.31%	0.15%
50	49	-0.028	0.000	-0.028	99.71%	0.46%
50	50	-0.028	-0.019	-0.009	32.31%	0.15%
50	51	-0.028	-0.019	-0.009	32.31%	0.15%
50	52	-0.028	-0.019	-0.009	32.31%	0.15%
100	53	-0.028	0.000	-0.028	99.71%	0.46%
100	54	-0.028	-0.019	-0.009	32.31%	0.15%
100	55	-0.028	-0.019	-0.009	32.31%	0.15%
100	56	-0.028	-0.019	-0.009	32.31%	0.15%
100	57	-0.028	-0.019	-0.009	32.31%	0.15%
100	58	-0.028	-0.019	-0.009	32.31%	0.15%
100	59	-0.028	-0.019	-0.009	32.31%	0.15%
100	60	-0.028	-0.019	-0.009	32.31%	0.15%
100	61	-0.028	-0.019	-0.009	32.31%	0.15%
100	62	-0.028	-0.019	-0.009	32.31%	0.15%
0	73	-0.028	-0.019	-0.009	32.31%	0.15%
0	74	-0.028	-0.019	-0.009	32.31%	0.15%
0	75	-0.028	-0.019	-0.009	32.31%	0.15%
Max		-0.009	0.000	0.010	99.71%	0.46%
Average		-0.027	-0.018	-0.009	32.15%	0.17%
Min		-0.028	-0.019	-0.028	-107.67%	0.15%
Std Dev		0.003	0.005	0.006	29.94%	0.08%



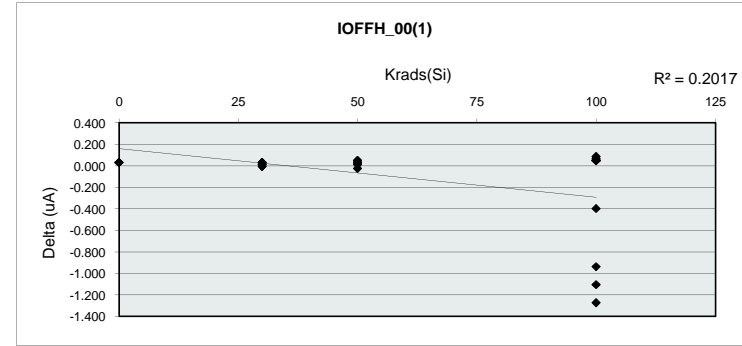
IINL_00(8)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	3	uA			
Min Limit	-3	uA			
Krads(Si)	0	30	50	100	
LL	-3.000	-3.000	-3.000	-3.000	
Min	-0.019	-0.019	-0.019	-0.019	
Average	-0.019	-0.019	-0.017	-0.017	
Max	-0.019	-0.019	0.000	0.000	
UL	3.000	3.000	3.000	3.000	



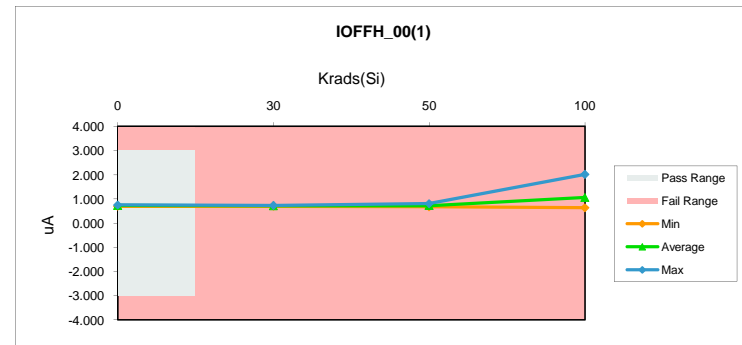
TID HDR Report
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IOFFH_00(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.728	0.698	0.030	4.12%	0.50%
30	34	0.728	0.716	0.011	1.56%	0.19%
30	35	0.709	0.698	0.011	1.60%	0.19%
30	36	0.728	0.716	0.011	1.56%	0.19%
30	37	0.765	0.735	0.030	3.92%	0.50%
30	38	0.746	0.716	0.030	4.02%	0.50%
30	39	0.709	0.716	-0.007	-1.02%	0.12%
30	40	0.728	0.698	0.030	4.12%	0.50%
30	41	0.709	0.716	-0.007	-1.02%	0.12%
30	42	0.728	0.716	0.011	1.56%	0.19%
50	43	0.765	0.735	0.030	3.92%	0.50%
50	44	0.746	0.716	0.030	4.02%	0.50%
50	45	0.783	0.809	-0.026	-3.30%	0.43%
50	46	0.709	0.698	0.011	1.60%	0.19%
50	47	0.728	0.716	0.011	1.56%	0.19%
50	48	0.746	0.716	0.030	4.02%	0.50%
50	49	0.765	0.716	0.049	6.35%	0.81%
50	50	0.746	0.698	0.049	6.51%	0.81%
50	51	0.709	0.679	0.030	4.23%	0.50%
50	52	0.746	0.716	0.030	4.02%	0.50%
100	53	0.690	1.088	-0.398	-57.60%	6.63%
100	54	0.709	1.814	-1.105	-155.86%	18.42%
100	55	0.746	2.019	-1.273	-170.57%	21.21%
100	56	0.765	0.679	0.086	11.22%	1.43%
100	57	0.690	1.628	-0.938	-135.82%	15.63%
100	58	0.709	0.660	0.049	6.85%	0.81%
100	59	0.765	0.698	0.067	8.79%	1.12%
100	60	0.690	0.642	0.049	7.03%	0.81%
100	61	0.728	0.679	0.049	6.68%	0.81%
100	62	0.728	0.679	0.049	6.68%	0.81%
0	73	0.765	0.735	0.030	3.92%	0.50%
0	74	0.783	0.753	0.030	3.83%	0.50%
0	75	0.728	0.698	0.030	4.12%	0.50%
Max		0.783	2.019	0.086	11.22%	21.21%
Average		0.734	0.821	-0.087	-12.35%	2.34%
Min		0.690	0.642	-1.273	-170.57%	0.12%
Std Dev		0.026	0.332	0.338	47.04%	5.33%



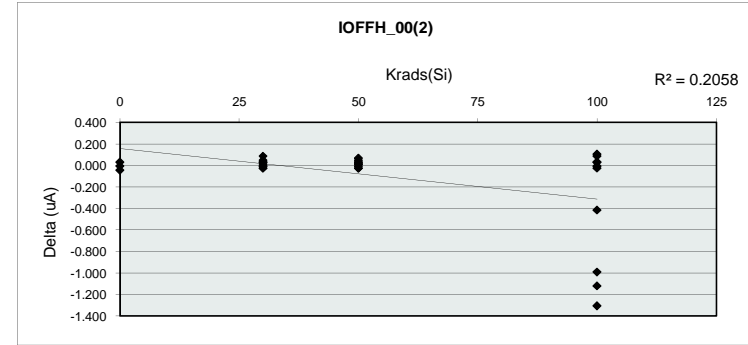
IOFFH_00(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.698	0.698	0.679	0.642
Average	0.729	0.713	0.720	1.059
Max	0.753	0.735	0.809	2.019
UL	3.000	3.000	3.000	3.000



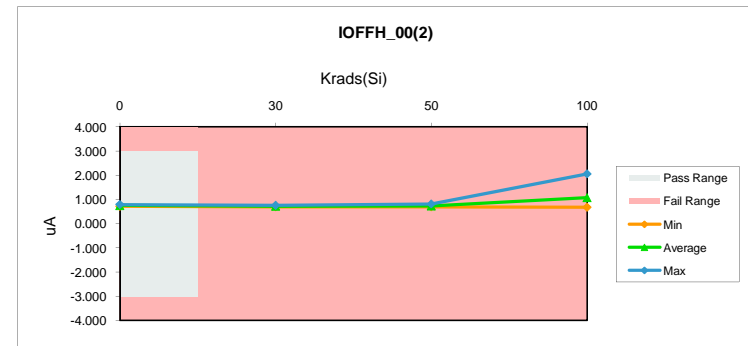
TID HDR Report
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IOFFH_00(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.745	0.714	0.031	4.14%	0.51%
30	34	0.726	0.733	-0.006	-0.88%	0.11%
30	35	0.689	0.714	-0.025	-3.64%	0.42%
30	36	0.782	0.733	0.050	6.33%	0.83%
30	37	0.782	0.751	0.031	3.96%	0.52%
30	38	0.745	0.733	0.012	1.64%	0.20%
30	39	0.689	0.714	-0.025	-3.64%	0.42%
30	40	0.745	0.714	0.031	4.14%	0.51%
30	41	0.782	0.695	0.087	11.08%	1.44%
30	42	0.726	0.733	-0.006	-0.88%	0.11%
50	43	0.708	0.733	-0.025	-3.54%	0.42%
50	44	0.745	0.733	0.012	1.64%	0.20%
50	45	0.819	0.807	0.012	1.52%	0.21%
50	46	0.726	0.714	0.012	1.68%	0.20%
50	47	0.708	0.733	-0.025	-3.54%	0.42%
50	48	0.745	0.714	0.031	4.14%	0.51%
50	49	0.745	0.751	-0.006	-0.85%	0.11%
50	50	0.745	0.695	0.049	6.63%	0.82%
50	51	0.726	0.695	0.031	4.23%	0.51%
50	52	0.801	0.733	0.068	8.51%	1.14%
100	53	0.670	1.085	-0.415	-61.86%	6.91%
100	54	0.689	1.810	-1.121	-162.71%	18.68%
100	55	0.745	2.051	-1.306	-175.35%	21.77%
100	56	0.801	0.695	0.105	13.15%	1.75%
100	57	0.652	1.643	-0.991	-152.11%	16.52%
100	58	0.708	0.677	0.031	4.34%	0.51%
100	59	0.782	0.695	0.087	11.08%	1.44%
100	60	0.670	0.677	-0.007	-0.98%	0.11%
100	61	0.726	0.695	0.031	4.23%	0.51%
100	62	0.670	0.695	-0.025	-3.75%	0.42%
0	73	0.782	0.751	0.031	3.96%	0.52%
0	74	0.782	0.788	-0.006	-0.79%	0.10%
0	75	0.670	0.714	-0.044	-6.52%	0.73%
Max		0.819	2.051	0.105	13.15%	21.77%
Average		0.734	0.834	-0.100	-14.69%	2.41%
Min		0.652	0.677	-1.306	-175.35%	0.10%
Std Dev		0.044	0.333	0.346	49.34%	5.49%



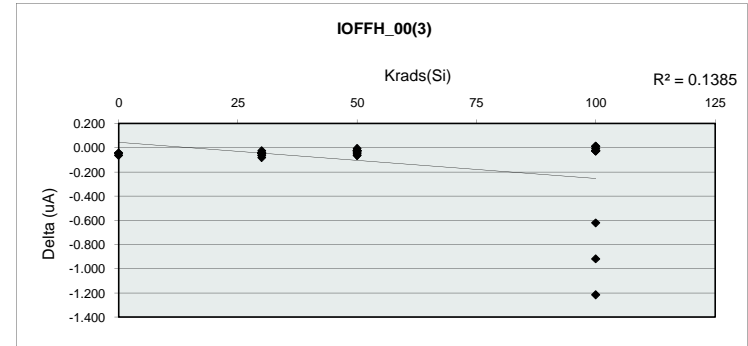
IOFFH_00(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.714	0.695	0.695	0.677
Average	0.751	0.723	0.731	1.072
Max	0.788	0.751	0.807	2.051
UL	3.000	3.000	3.000	3.000



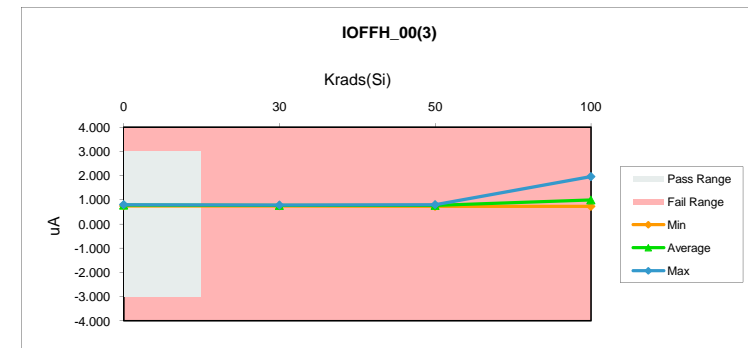
TID HDR Report
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IOFFH_00(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.702	0.766	-0.064	-9.12%	1.07%
30	34	0.702	0.785	-0.083	-11.77%	1.38%
30	35	0.702	0.748	-0.045	-6.47%	0.76%
30	36	0.721	0.785	-0.064	-8.88%	1.07%
30	37	0.740	0.785	-0.045	-6.13%	0.76%
30	38	0.740	0.785	-0.045	-6.13%	0.76%
30	39	0.702	0.748	-0.045	-6.47%	0.76%
30	40	0.740	0.766	-0.027	-3.62%	0.45%
30	41	0.702	0.748	-0.045	-6.47%	0.76%
30	42	0.721	0.766	-0.045	-6.30%	0.76%
50	43	0.740	0.766	-0.027	-3.62%	0.45%
50	44	0.740	0.804	-0.064	-8.64%	1.07%
50	45	0.758	0.785	-0.027	-3.52%	0.44%
50	46	0.684	0.729	-0.046	-6.66%	0.76%
50	47	0.702	0.766	-0.064	-9.12%	1.07%
50	48	0.740	0.748	-0.008	-1.10%	0.14%
50	49	0.758	0.785	-0.027	-3.52%	0.44%
50	50	0.740	0.766	-0.027	-3.62%	0.45%
50	51	0.721	0.748	-0.027	-3.72%	0.45%
50	52	0.721	0.766	-0.045	-6.30%	0.76%
100	53	0.684	1.306	-0.622	-91.00%	10.37%
100	54	0.702	0.729	-0.027	-3.83%	0.45%
100	55	0.740	1.956	-1.216	-164.42%	20.27%
100	56	0.740	0.729	0.010	1.41%	0.17%
100	57	0.684	1.603	-0.919	-134.44%	15.32%
100	58	0.702	0.729	-0.027	-3.83%	0.45%
100	59	0.740	0.748	-0.008	-1.10%	0.14%
100	60	0.702	0.729	-0.027	-3.83%	0.45%
100	61	0.740	0.729	0.010	1.41%	0.17%
100	62	0.702	0.729	-0.027	-3.83%	0.45%
0	73	0.740	0.785	-0.045	-6.13%	0.76%
0	74	0.740	0.804	-0.064	-8.64%	1.07%
0	75	0.702	0.748	-0.045	-6.47%	0.76%
	Max	0.758	1.956	0.010	1.41%	20.27%
	Average	0.721	0.839	-0.118	-16.54%	1.98%
	Min	0.684	0.729	-1.216	-164.42%	0.14%
	Std Dev	0.022	0.265	0.269	37.68%	4.47%



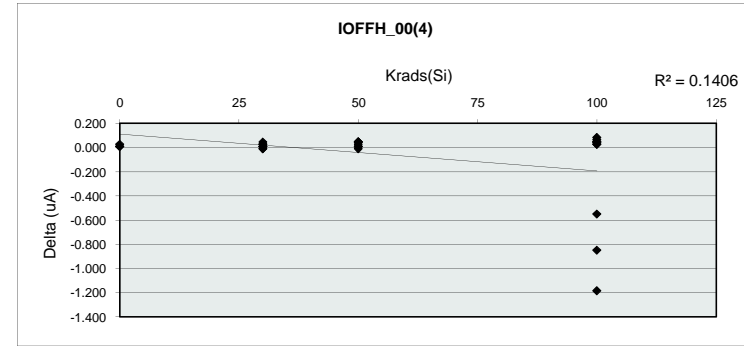
IOFFH_00(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.748	0.748	0.729	0.729
Average	0.779	0.768	0.766	0.999
Max	0.804	0.785	0.804	1.956
UL	3.000	3.000	3.000	3.000



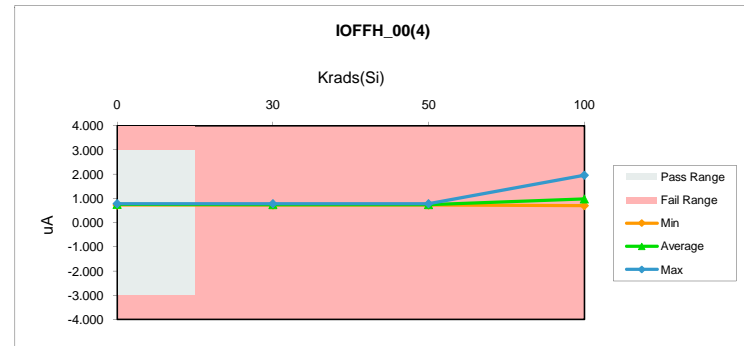
TID HDR Report
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IOFFH_00(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.746	0.720	0.026	3.50%	0.44%
30	34	0.765	0.757	0.008	0.99%	0.13%
30	35	0.728	0.720	0.008	1.04%	0.13%
30	36	0.746	0.757	-0.011	-1.48%	0.18%
30	37	0.784	0.757	0.026	3.34%	0.44%
30	38	0.784	0.776	0.008	0.97%	0.13%
30	39	0.728	0.739	-0.011	-1.52%	0.18%
30	40	0.784	0.739	0.045	5.72%	0.75%
30	41	0.746	0.720	0.026	3.50%	0.44%
30	42	0.765	0.757	0.008	0.99%	0.13%
50	43	0.765	0.757	0.008	0.99%	0.13%
50	44	0.784	0.776	0.008	0.97%	0.13%
50	45	0.802	0.757	0.045	5.59%	0.75%
50	46	0.709	0.720	-0.011	-1.56%	0.18%
50	47	0.746	0.739	0.008	1.01%	0.13%
50	48	0.784	0.739	0.045	5.72%	0.75%
50	49	0.802	0.757	0.045	5.59%	0.75%
50	50	0.784	0.739	0.045	5.72%	0.75%
50	51	0.765	0.720	0.045	5.85%	0.75%
50	52	0.765	0.739	0.026	3.42%	0.44%
100	53	0.728	1.278	-0.550	-75.62%	9.17%
100	54	0.728	0.702	0.026	3.59%	0.44%
100	55	0.765	1.948	-1.183	-154.66%	19.72%
100	56	0.784	0.702	0.082	10.47%	1.37%
100	57	0.728	1.576	-0.848	-116.57%	14.14%
100	58	0.746	0.702	0.045	6.00%	0.75%
100	59	0.784	0.720	0.063	8.09%	1.06%
100	60	0.728	0.702	0.026	3.59%	0.44%
100	61	0.765	0.720	0.045	5.85%	0.75%
100	62	0.746	0.702	0.045	6.00%	0.75%
0	73	0.765	0.757	0.008	0.99%	0.13%
0	74	0.784	0.776	0.008	0.97%	0.13%
0	75	0.746	0.720	0.026	3.50%	0.44%
Max		0.802	1.948	0.082	10.47%	19.72%
Average		0.760	0.815	-0.055	-7.50%	1.72%
Min		0.709	0.702	-1.183	-154.66%	0.13%
Std Dev		0.024	0.267	0.271	36.21%	4.27%



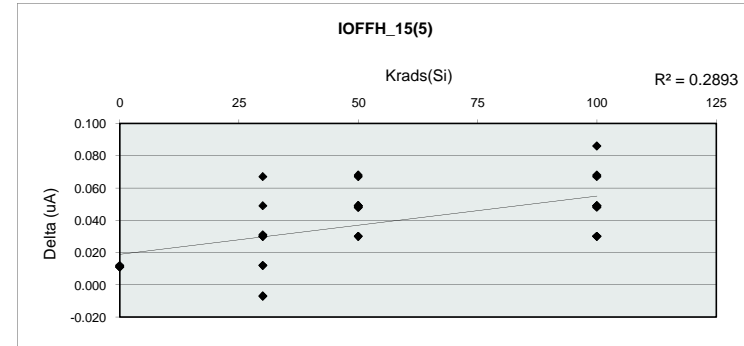
IOFFH_00(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.720	0.720	0.720	0.702
Average	0.751	0.744	0.744	0.975
Max	0.776	0.776	0.776	1.948
UL	3.000	3.000	3.000	3.000



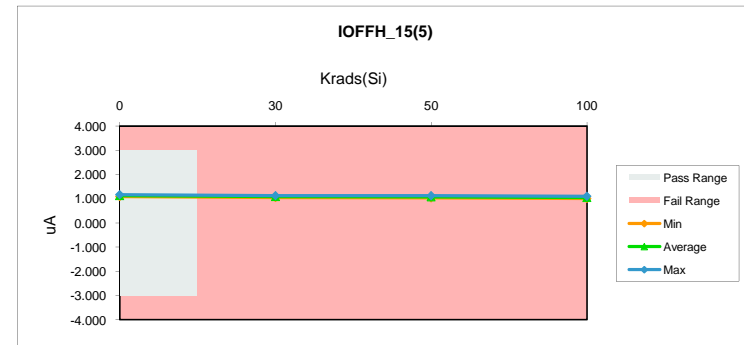
TID HDR Report
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IOFFH_15(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.119	1.070	0.049	4.38%	0.82%
30	34	1.100	1.107	-0.007	-0.64%	0.12%
30	35	1.081	1.051	0.030	2.78%	0.50%
30	36	1.119	1.107	0.012	1.07%	0.20%
30	37	1.156	1.126	0.030	2.60%	0.50%
30	38	1.119	1.107	0.012	1.07%	0.20%
30	39	1.081	1.088	-0.007	-0.65%	0.12%
30	40	1.137	1.070	0.067	5.89%	1.12%
30	41	1.081	1.051	0.030	2.78%	0.50%
30	42	1.119	1.088	0.031	2.77%	0.52%
50	43	1.137	1.088	0.049	4.31%	0.82%
50	44	1.137	1.088	0.049	4.31%	0.82%
50	45	1.174	1.126	0.048	4.09%	0.80%
50	46	1.081	1.051	0.030	2.78%	0.50%
50	47	1.100	1.070	0.030	2.73%	0.50%
50	48	1.137	1.070	0.067	5.89%	1.12%
50	49	1.156	1.107	0.049	4.24%	0.82%
50	50	1.119	1.051	0.068	6.08%	1.13%
50	51	1.081	1.033	0.048	4.44%	0.80%
50	52	1.156	1.107	0.049	4.24%	0.82%
100	53	1.063	1.014	0.049	4.61%	0.82%
100	54	1.081	1.051	0.030	2.78%	0.50%
100	55	1.156	1.107	0.049	4.24%	0.82%
100	56	1.156	1.070	0.086	7.44%	1.43%
100	57	1.081	1.051	0.030	2.78%	0.50%
100	58	1.081	1.033	0.048	4.44%	0.80%
100	59	1.137	1.070	0.067	5.89%	1.12%
100	60	1.044	1.014	0.030	2.87%	0.50%
100	61	1.119	1.051	0.068	6.08%	1.13%
100	62	1.119	1.070	0.049	4.38%	0.82%
0	73	1.137	1.126	0.011	0.97%	0.18%
0	74	1.174	1.163	0.011	0.94%	0.18%
0	75	1.100	1.088	0.012	1.09%	0.20%
Max		1.174	1.163	0.086	7.44%	1.43%
Average		1.116	1.078	0.039	3.44%	0.66%
Min		1.044	1.014	-0.007	-0.65%	0.12%
Std Dev		0.034	0.034	0.022	1.97%	0.35%



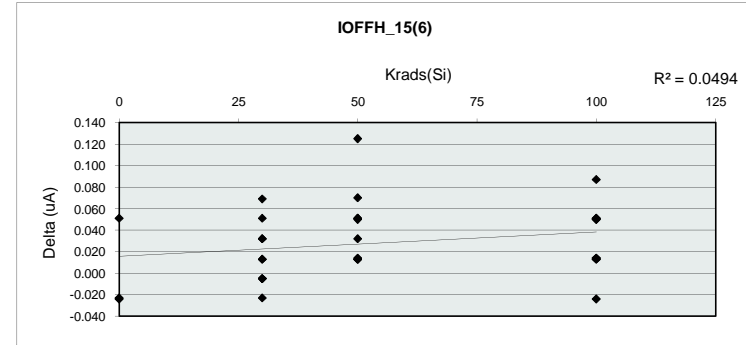
IOFFH_15(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	1.088	1.051	1.033	1.014
Average	1.126	1.087	1.079	1.053
Max	1.163	1.126	1.126	1.107
UL	3.000	3.000	3.000	3.000



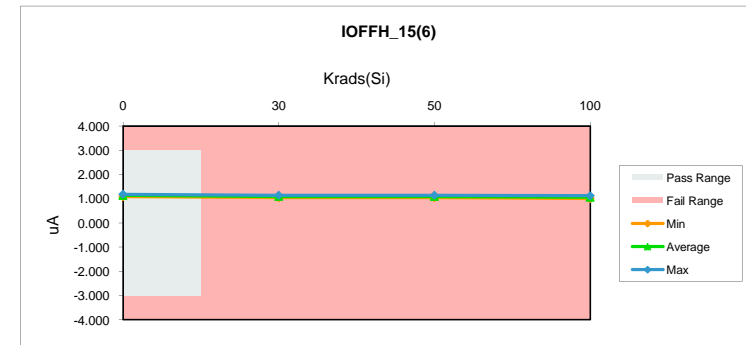
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IOFFH_15(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.117	1.085	0.032	2.86%	0.53%
30	34	1.117	1.104	0.013	1.16%	0.22%
30	35	1.062	1.067	-0.005	-0.47%	0.08%
30	36	1.099	1.104	-0.005	-0.45%	0.08%
30	37	1.136	1.141	-0.005	-0.44%	0.08%
30	38	1.155	1.104	0.051	4.42%	0.85%
30	39	1.062	1.085	-0.023	-2.17%	0.38%
30	40	1.117	1.085	0.032	2.86%	0.53%
30	41	1.117	1.048	0.069	6.18%	1.15%
30	42	1.117	1.104	0.013	1.16%	0.22%
50	43	1.229	1.104	0.125	10.17%	2.08%
50	44	1.117	1.104	0.013	1.16%	0.22%
50	45	1.192	1.141	0.051	4.28%	0.85%
50	46	1.099	1.048	0.051	4.64%	0.85%
50	47	1.099	1.085	0.014	1.27%	0.23%
50	48	1.155	1.085	0.070	6.06%	1.17%
50	49	1.173	1.123	0.050	4.26%	0.83%
50	50	1.080	1.067	0.013	1.20%	0.22%
50	51	1.080	1.048	0.032	2.96%	0.53%
50	52	1.136	1.123	0.013	1.14%	0.22%
100	53	1.024	1.011	0.013	1.27%	0.22%
100	54	1.062	1.048	0.014	1.32%	0.23%
100	55	1.136	1.123	0.013	1.14%	0.22%
100	56	1.136	1.085	0.051	4.49%	0.85%
100	57	1.062	1.048	0.014	1.32%	0.23%
100	58	1.024	1.048	-0.024	-2.34%	0.40%
100	59	1.117	1.067	0.050	4.48%	0.83%
100	60	1.117	1.030	0.087	7.79%	1.45%
100	61	1.099	1.048	0.051	4.64%	0.85%
100	62	1.117	1.067	0.050	4.48%	0.83%
0	73	1.117	1.141	-0.024	-2.15%	0.40%
0	74	1.229	1.178	0.051	4.15%	0.85%
0	75	1.062	1.085	-0.023	-2.17%	0.38%
	Max	1.229	1.178	0.125	10.17%	2.08%
	Average	1.114	1.086	0.028	2.45%	0.58%
	Min	1.024	1.011	-0.024	-2.34%	0.40%
	Std Dev	0.048	0.037	0.034	2.95%	0.45%



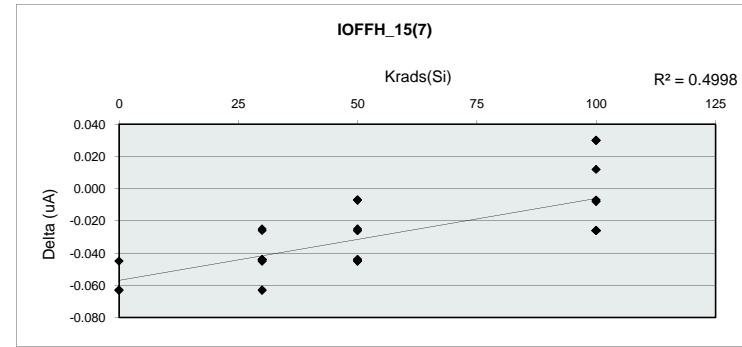
IOFFH_15(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	1.085	1.048	1.048	1.011
Average	1.135	1.093	1.093	1.058
Max	1.178	1.141	1.141	1.123
UL	3.000	3.000	3.000	3.000



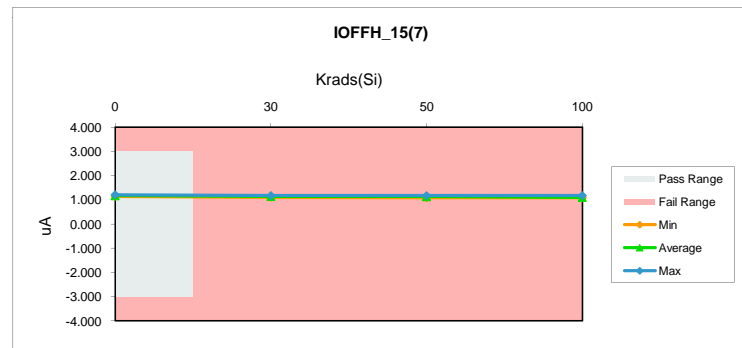
TID HDR Report
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IOFFH_15(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.094	1.138	-0.044	-4.02%	0.73%
30	34	1.094	1.138	-0.044	-4.02%	0.73%
30	35	1.075	1.120	-0.045	-4.19%	0.75%
30	36	1.113	1.176	-0.063	-5.66%	1.05%
30	37	1.131	1.157	-0.026	-2.30%	0.43%
30	38	1.131	1.176	-0.045	-3.98%	0.75%
30	39	1.075	1.138	-0.063	-5.86%	1.05%
30	40	1.113	1.138	-0.025	-2.25%	0.42%
30	41	1.057	1.101	-0.044	-4.16%	0.73%
30	42	1.113	1.157	-0.044	-3.95%	0.73%
50	43	1.113	1.138	-0.025	-2.25%	0.42%
50	44	1.131	1.157	-0.026	-2.30%	0.43%
50	45	1.150	1.176	-0.026	-2.26%	0.43%
50	46	1.038	1.083	-0.045	-4.34%	0.75%
50	47	1.094	1.138	-0.044	-4.02%	0.73%
50	48	1.113	1.120	-0.007	-0.63%	0.12%
50	49	1.150	1.157	-0.007	-0.61%	0.12%
50	50	1.113	1.120	-0.007	-0.63%	0.12%
50	51	1.075	1.120	-0.045	-4.19%	0.75%
50	52	1.113	1.157	-0.044	-3.95%	0.73%
100	53	1.075	1.101	-0.026	-2.42%	0.43%
100	54	1.057	1.083	-0.026	-2.46%	0.43%
100	55	1.150	1.176	-0.026	-2.26%	0.43%
100	56	1.150	1.120	0.030	2.61%	0.50%
100	57	1.057	1.083	-0.026	-2.46%	0.43%
100	58	1.075	1.101	-0.026	-2.42%	0.43%
100	59	1.131	1.101	0.030	2.65%	0.50%
100	60	1.075	1.083	-0.008	-0.74%	0.13%
100	61	1.113	1.101	0.012	1.08%	0.20%
100	62	1.094	1.101	-0.007	-0.64%	0.12%
0	73	1.131	1.176	-0.045	-3.98%	0.75%
0	74	1.150	1.213	-0.063	-5.48%	1.05%
0	75	1.075	1.138	-0.063	-5.86%	1.05%
	Max	1.150	1.213	0.030	2.65%	1.05%
	Average	1.104	1.133	-0.029	-2.66%	0.56%
	Min	1.038	1.083	-0.063	-5.86%	1.12%
	Std Dev	0.032	0.033	0.024	2.17%	0.28%



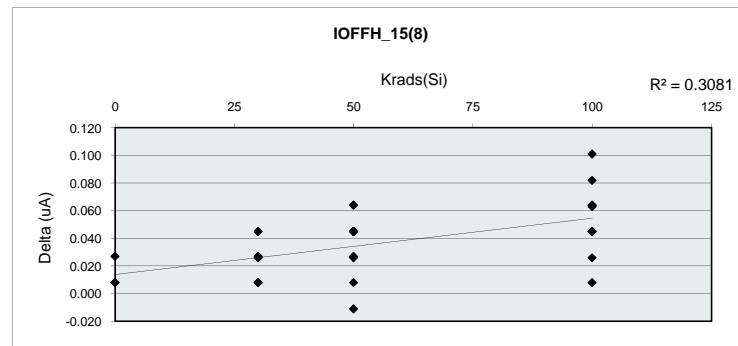
IOFFH_15(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	1.138	1.101	1.083	1.083
Average	1.176	1.144	1.137	1.105
Max	1.213	1.176	1.176	1.176
UL	3.000	3.000	3.000	3.000



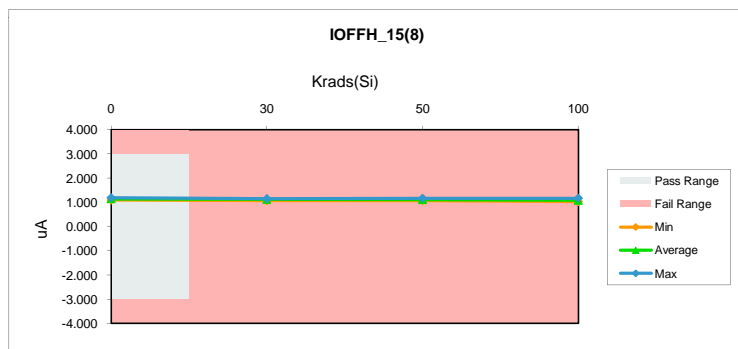
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IOFFH_15(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.137	1.111	0.026	2.29%	0.43%
30	34	1.137	1.129	0.008	0.70%	0.13%
30	35	1.119	1.092	0.027	2.41%	0.45%
30	36	1.156	1.148	0.008	0.69%	0.13%
30	37	1.175	1.148	0.027	2.30%	0.45%
30	38	1.175	1.148	0.027	2.30%	0.45%
30	39	1.119	1.111	0.008	0.71%	0.13%
30	40	1.156	1.111	0.045	3.89%	0.75%
30	41	1.100	1.074	0.026	2.36%	0.43%
30	42	1.156	1.111	0.045	3.89%	0.75%
50	43	1.156	1.111	0.045	3.89%	0.75%
50	44	1.175	1.111	0.064	5.45%	1.07%
50	45	1.193	1.167	0.026	2.18%	0.43%
50	46	1.063	1.074	-0.011	-1.03%	0.18%
50	47	1.119	1.111	0.008	0.71%	0.13%
50	48	1.137	1.092	0.045	3.96%	0.75%
50	49	1.193	1.129	0.064	5.36%	1.07%
50	50	1.156	1.111	0.045	3.89%	0.75%
50	51	1.119	1.092	0.027	2.41%	0.45%
50	52	1.156	1.111	0.045	3.89%	0.75%
100	53	1.100	1.074	0.026	2.36%	0.43%
100	54	1.100	1.036	0.064	5.82%	1.07%
100	55	1.175	1.167	0.008	0.68%	0.13%
100	56	1.193	1.092	0.101	8.47%	1.68%
100	57	1.100	1.055	0.045	4.09%	0.75%
100	58	1.119	1.074	0.045	4.02%	0.75%
100	59	1.156	1.092	0.064	5.54%	1.07%
100	60	1.100	1.055	0.045	4.09%	0.75%
100	61	1.156	1.074	0.082	7.09%	1.37%
100	62	1.137	1.074	0.063	5.54%	1.05%
0	73	1.156	1.148	0.008	0.69%	0.13%
0	74	1.193	1.185	0.008	0.67%	0.13%
0	75	1.119	1.092	0.027	2.41%	0.45%
	Max	1.193	1.185	0.101	8.47%	1.68%
	Average	1.142	1.106	0.036	3.14%	0.61%
	Min	1.063	1.036	-0.011	-1.03%	0.13%
	Std Dev	0.033	0.035	0.025	2.12%	0.39%



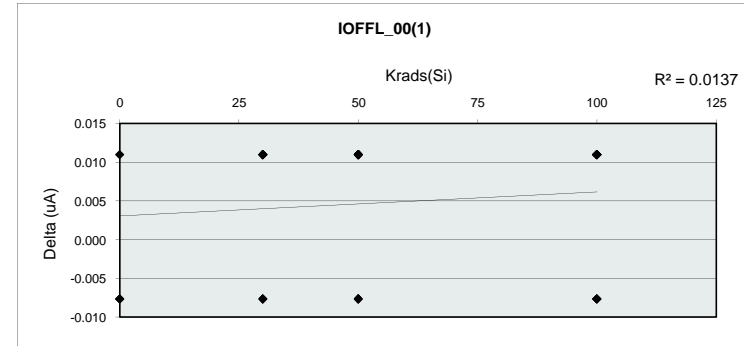
IOFFH_15(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	1.092	1.074	1.074	1.036
Average	1.142	1.118	1.111	1.079
Max	1.185	1.148	1.167	1.167
UL	3.000	3.000	3.000	3.000



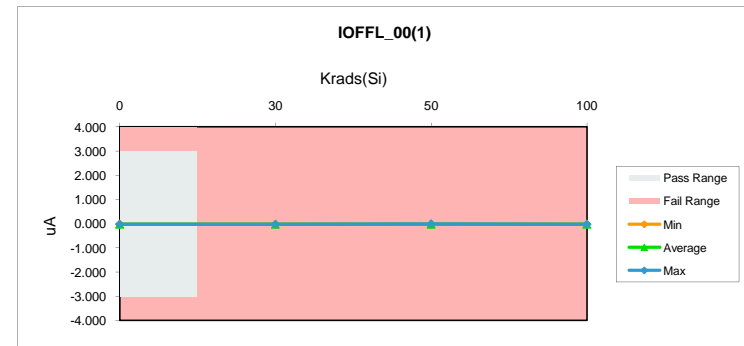
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IOFFL_00(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.028	-0.008	21.42%	0.13%
30	34	-0.017	-0.028	0.011	-64.20%	0.18%
30	35	-0.036	-0.028	-0.008	21.42%	0.13%
30	36	-0.017	-0.028	0.011	-64.20%	0.18%
30	37	-0.017	-0.028	0.011	-64.20%	0.18%
30	38	-0.017	-0.028	0.011	-64.20%	0.18%
30	39	-0.017	-0.028	0.011	-64.20%	0.18%
30	40	-0.017	-0.028	0.011	-64.20%	0.18%
30	41	-0.036	-0.028	-0.008	21.42%	0.13%
30	42	-0.017	-0.028	0.011	-64.20%	0.18%
50	43	-0.017	-0.009	-0.008	44.70%	0.13%
50	44	-0.036	-0.028	-0.008	21.42%	0.13%
50	45	-0.017	-0.028	0.011	-64.20%	0.18%
50	46	-0.017	-0.028	0.011	-64.20%	0.18%
50	47	-0.017	-0.028	0.011	-64.20%	0.18%
50	48	-0.017	-0.028	0.011	-64.20%	0.18%
50	49	-0.036	-0.028	-0.008	21.42%	0.13%
50	50	-0.017	-0.028	0.011	-64.20%	0.18%
50	51	-0.017	-0.028	0.011	-64.20%	0.18%
50	52	-0.017	-0.028	0.011	-64.20%	0.18%
100	53	-0.017	-0.028	0.011	-64.20%	0.18%
100	54	-0.017	-0.028	0.011	-64.20%	0.18%
100	55	-0.036	-0.028	-0.008	21.42%	0.13%
100	56	-0.036	-0.028	-0.008	21.42%	0.13%
100	57	-0.017	-0.028	0.011	-64.20%	0.18%
100	58	-0.017	-0.028	0.011	-64.20%	0.18%
100	59	-0.036	-0.028	-0.008	21.42%	0.13%
100	60	-0.017	-0.028	0.011	-64.20%	0.18%
100	61	-0.017	-0.028	0.011	-64.20%	0.18%
100	62	-0.017	-0.028	0.011	-64.20%	0.18%
0	73	-0.036	-0.028	-0.008	21.42%	0.13%
0	74	-0.017	-0.028	0.011	-64.20%	0.18%
0	75	-0.036	-0.028	-0.008	21.42%	0.13%
Max		-0.017	-0.009	0.011	44.70%	0.18%
Average		-0.023	-0.027	0.005	-34.95%	0.16%
Min		-0.036	-0.028	-0.008	-64.20%	0.13%
Std Dev		0.009	0.003	0.009	42.18%	0.03%



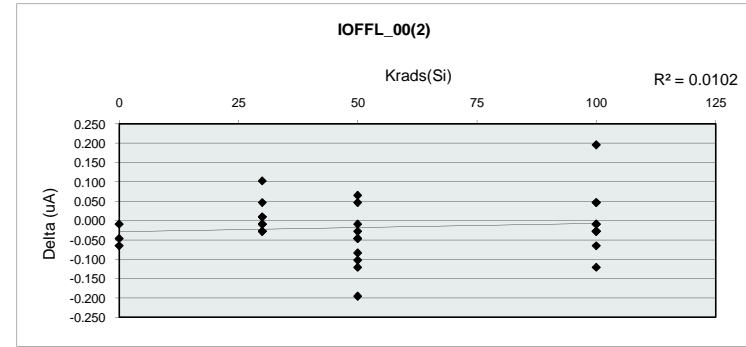
IOFFL_00(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.028	-0.028	-0.028	-0.028
Average	-0.028	-0.028	-0.026	-0.028
Max	-0.028	-0.028	-0.009	-0.028
UL	3.000	3.000	3.000	3.000



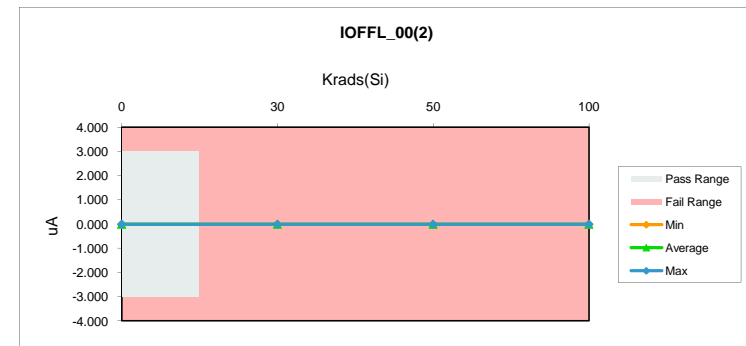
TID HDR Report
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		IOFFL_00(2)	
Test Site		Dallas	Dallas
Tester		Impact	Impact
Test Number		I21072	I21072
Unit		uA	uA
Max Limit		3	3
Min Limit		-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.019	-0.010	-0.009	46.33%	0.15%
30	34	0.000	-0.010	0.010	-2546.33%	0.16%
30	35	0.037	-0.010	0.047	127.68%	0.78%
30	36	-0.038	-0.010	-0.027	72.89%	0.46%
30	37	0.000	-0.010	0.010	-2546.33%	0.16%
30	38	-0.038	-0.010	-0.027	72.89%	0.46%
30	39	-0.038	-0.010	-0.027	72.89%	0.46%
30	40	-0.019	-0.010	-0.009	46.33%	0.15%
30	41	-0.019	-0.010	-0.009	46.33%	0.15%
30	42	0.093	-0.010	0.103	111.00%	1.72%
50	43	-0.038	-0.010	-0.027	72.89%	0.46%
50	44	-0.056	-0.010	-0.046	81.87%	0.77%
50	45	-0.094	-0.010	-0.083	89.09%	1.39%
50	46	0.056	-0.010	0.066	118.39%	1.10%
50	47	-0.131	-0.010	-0.121	92.20%	2.01%
50	48	0.037	-0.010	0.047	127.68%	0.78%
50	49	-0.056	-0.010	-0.046	81.87%	0.77%
50	50	-0.205	-0.010	-0.195	95.03%	3.25%
50	51	-0.112	-0.010	-0.102	90.90%	1.70%
50	52	-0.019	-0.010	-0.009	46.33%	0.15%
100	53	-0.019	-0.010	-0.009	46.33%	0.15%
100	54	-0.019	-0.010	-0.009	46.33%	0.15%
100	55	-0.038	-0.010	-0.027	72.89%	0.46%
100	56	0.037	-0.010	0.047	127.68%	0.78%
100	57	0.186	-0.010	0.196	105.49%	3.27%
100	58	-0.131	-0.010	-0.121	92.20%	2.01%
100	59	-0.038	-0.010	-0.027	72.89%	0.46%
100	60	-0.075	-0.010	-0.065	86.38%	1.08%
100	61	0.037	-0.010	0.047	127.68%	0.78%
100	62	-0.038	-0.010	-0.027	72.89%	0.46%
0	73	-0.056	-0.010	-0.046	81.87%	0.77%
0	74	-0.075	-0.010	-0.065	86.38%	1.08%
0	75	-0.019	-0.010	-0.009	46.33%	0.15%
	Max	0.186	-0.010	0.196	127.68%	3.27%
	Average	-0.027	-0.010	-0.017	-76.81%	0.87%
	Min	-0.205	-0.010	-0.195	-2546.33%	0.15%
	Std Dev	0.070	0.000	0.070	637.50%	0.82%



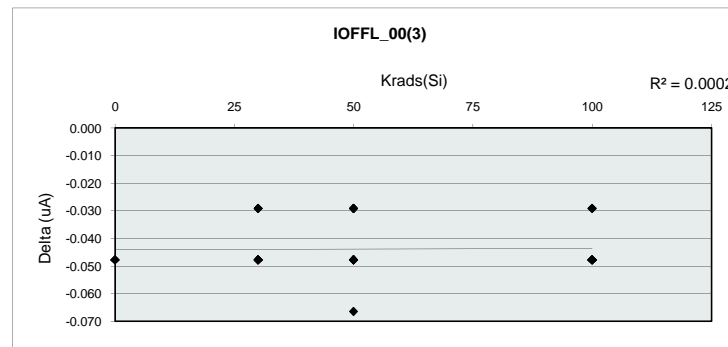
		IOFFL_00(2)			
Test Site		Dallas			
Tester		Impact			
Test Number		I21072			
Max Limit		3	uA		
Min Limit		-3	uA		
Krads(Si)		0	30	50	100
LL		-3.000	-3.000	-3.000	-3.000
Min		-0.010	-0.010	-0.010	-0.010
Average		-0.010	-0.010	-0.010	-0.010
Max		-0.010	-0.010	-0.010	-0.010
UL		3.000	3.000	3.000	3.000



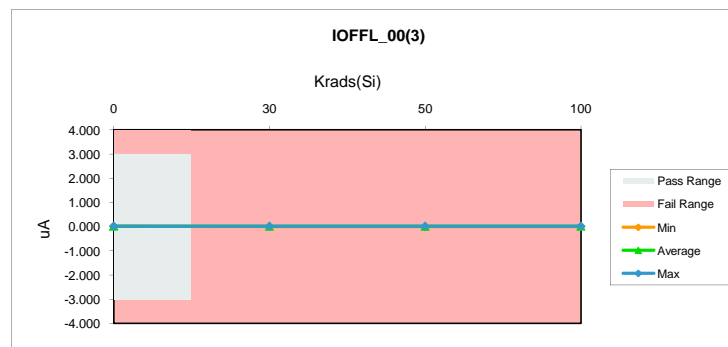
TID HDR Report
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IOFFL_00(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.025	0.023	-0.048	190.68%	0.80%
30	34	-0.025	0.023	-0.048	190.68%	0.80%
30	35	-0.025	0.023	-0.048	190.68%	0.80%
30	36	-0.025	0.023	-0.048	190.68%	0.80%
30	37	-0.025	0.004	-0.029	116.46%	0.49%
30	38	-0.025	0.004	-0.029	116.46%	0.49%
30	39	-0.025	0.023	-0.048	190.68%	0.80%
30	40	-0.025	0.004	-0.029	116.46%	0.49%
30	41	-0.025	0.023	-0.048	190.68%	0.80%
30	42	-0.025	0.023	-0.048	190.68%	0.80%
50	43	-0.025	0.023	-0.048	190.68%	0.80%
50	44	-0.044	0.023	-0.066	151.98%	1.11%
50	45	-0.025	0.004	-0.029	116.46%	0.49%
50	46	-0.025	0.023	-0.048	190.68%	0.80%
50	47	-0.025	0.023	-0.048	190.68%	0.80%
50	48	-0.025	0.023	-0.048	190.68%	0.80%
50	49	-0.025	0.023	-0.048	190.68%	0.80%
50	50	-0.025	0.004	-0.029	116.46%	0.49%
50	51	-0.025	0.004	-0.029	116.46%	0.49%
50	52	-0.025	0.023	-0.048	190.68%	0.80%
100	53	-0.025	0.023	-0.048	190.68%	0.80%
100	54	-0.025	0.023	-0.048	190.68%	0.80%
100	55	-0.025	0.004	-0.029	116.46%	0.49%
100	56	-0.025	0.023	-0.048	190.68%	0.80%
100	57	-0.025	0.023	-0.048	190.68%	0.80%
100	58	-0.025	0.023	-0.048	190.68%	0.80%
100	59	-0.025	0.023	-0.048	190.68%	0.80%
100	60	-0.025	0.023	-0.048	190.68%	0.80%
100	61	-0.025	0.004	-0.029	116.46%	0.49%
100	62	-0.025	0.023	-0.048	190.68%	0.80%
0	73	-0.025	0.023	-0.048	190.68%	0.80%
0	74	-0.025	0.023	-0.048	190.68%	0.80%
0	75	-0.025	0.023	-0.048	190.68%	0.80%
	Max	-0.025	0.023	-0.029	190.68%	1.11%
	Average	-0.026	0.018	-0.044	171.51%	0.73%
	Min	-0.044	0.004	-0.066	116.46%	0.49%
	Std Dev	0.003	0.008	0.009	32.33%	0.15%



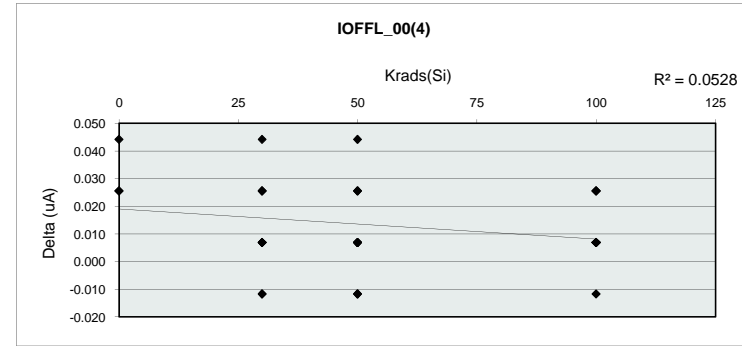
IOFFL_00(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.023	0.004	0.004	0.004
Average	0.023	0.017	0.017	0.019
Max	0.023	0.023	0.023	0.023
UL	3.000	3.000	3.000	3.000



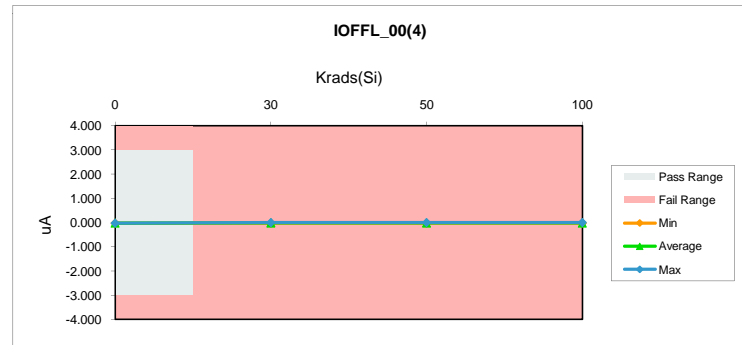
TID HDR Report
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IOFFL_00(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.002	-0.024	0.026	1697.01%	0.43%
30	34	-0.017	-0.024	0.007	-40.43%	0.12%
30	35	0.002	-0.024	0.026	1697.01%	0.43%
30	36	-0.017	-0.024	0.007	-40.43%	0.12%
30	37	-0.017	-0.005	-0.012	68.27%	0.19%
30	38	-0.017	-0.005	-0.012	68.27%	0.19%
30	39	0.002	-0.024	0.026	1697.01%	0.43%
30	40	0.002	-0.005	0.007	460.80%	0.12%
30	41	-0.017	-0.024	0.007	-40.43%	0.12%
30	42	0.020	-0.024	0.044	219.43%	0.74%
50	43	0.020	-0.024	0.044	219.43%	0.74%
50	44	0.002	-0.024	0.026	1697.01%	0.43%
50	45	-0.017	-0.005	-0.012	68.27%	0.19%
50	46	-0.017	-0.024	0.007	-40.43%	0.12%
50	47	-0.017	-0.024	0.007	-40.43%	0.12%
50	48	-0.017	-0.024	0.007	-40.43%	0.12%
50	49	-0.017	-0.024	0.007	-40.43%	0.12%
50	50	-0.017	-0.005	-0.012	68.27%	0.19%
50	51	0.002	-0.024	0.026	1697.01%	0.43%
50	52	-0.017	-0.024	0.007	-40.43%	0.12%
100	53	0.002	-0.024	0.026	1697.01%	0.43%
100	54	-0.017	-0.024	0.007	-40.43%	0.12%
100	55	-0.017	-0.024	0.007	-40.43%	0.12%
100	56	0.002	-0.024	0.026	1697.01%	0.43%
100	57	-0.017	-0.024	0.007	-40.43%	0.12%
100	58	-0.017	-0.024	0.007	-40.43%	0.12%
100	59	-0.017	-0.005	-0.012	68.27%	0.19%
100	60	-0.017	-0.024	0.007	-40.43%	0.12%
100	61	0.002	-0.005	0.007	460.80%	0.12%
100	62	0.002	-0.024	0.026	1697.01%	0.43%
0	73	0.002	-0.024	0.026	1697.01%	0.43%
0	74	0.002	-0.024	0.026	1697.01%	0.43%
0	75	0.020	-0.024	0.044	219.43%	0.74%
Max		0.020	-0.005	0.044	1697.01%	0.74%
Average		-0.007	-0.020	0.013	556.54%	0.28%
Min		-0.017	-0.024	-0.012	-40.43%	0.12%
Std Dev		0.012	0.008	0.016	774.41%	0.20%



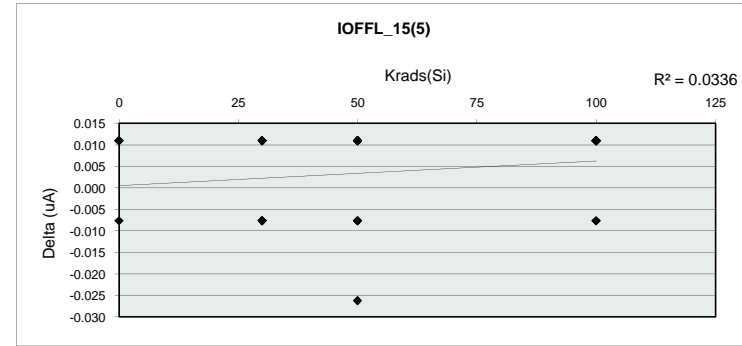
IOFFL_00(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.024	-0.024	-0.024	-0.024
Average	-0.024	-0.018	-0.020	-0.020
Max	-0.024	-0.005	-0.005	-0.005
UL	3.000	3.000	3.000	3.000



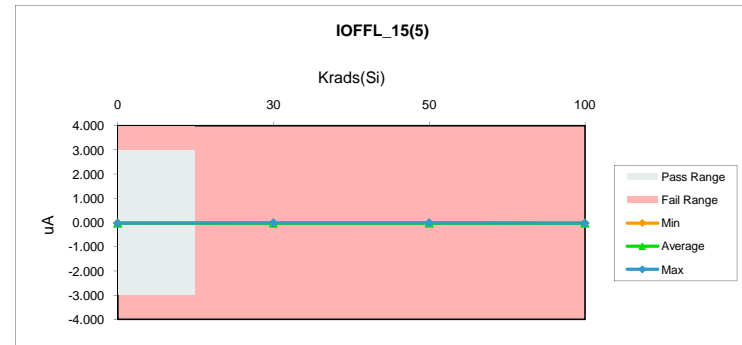
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IOFFL_15(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.028	-0.008	21.42%	0.13%
30	34	-0.017	-0.028	0.011	-64.20%	0.18%
30	35	-0.036	-0.028	-0.008	21.42%	0.13%
30	36	-0.017	-0.028	0.011	-64.20%	0.18%
30	37	-0.036	-0.028	-0.008	21.42%	0.13%
30	38	-0.036	-0.028	-0.008	21.42%	0.13%
30	39	-0.017	-0.028	0.011	-64.20%	0.18%
30	40	-0.017	-0.028	0.011	-64.20%	0.18%
30	41	-0.036	-0.047	0.011	-30.70%	0.18%
30	42	-0.017	-0.009	-0.008	44.70%	0.13%
50	43	-0.017	-0.028	0.011	-64.20%	0.18%
50	44	-0.017	-0.028	0.011	-64.20%	0.18%
50	45	-0.017	-0.028	0.011	-64.20%	0.18%
50	46	-0.036	-0.028	-0.008	21.42%	0.13%
50	47	-0.017	-0.028	0.011	-64.20%	0.18%
50	48	-0.036	-0.009	-0.026	73.54%	0.44%
50	49	-0.036	-0.028	-0.008	21.42%	0.13%
50	50	-0.017	-0.028	0.011	-64.20%	0.18%
50	51	-0.017	-0.028	0.011	-64.20%	0.18%
50	52	-0.036	-0.028	-0.008	21.42%	0.13%
100	53	-0.017	-0.028	0.011	-64.20%	0.18%
100	54	-0.017	-0.028	0.011	-64.20%	0.18%
100	55	-0.036	-0.028	-0.008	21.42%	0.13%
100	56	-0.017	-0.028	0.011	-64.20%	0.18%
100	57	-0.017	-0.028	0.011	-64.20%	0.18%
100	58	-0.017	-0.028	0.011	-64.20%	0.18%
100	59	-0.017	-0.028	0.011	-64.20%	0.18%
100	60	-0.036	-0.028	-0.008	21.42%	0.13%
100	61	-0.017	-0.028	0.011	-64.20%	0.18%
100	62	-0.017	-0.028	0.011	-64.20%	0.18%
0	73	-0.036	-0.028	-0.008	21.42%	0.13%
0	74	-0.017	-0.028	0.011	-64.20%	0.18%
0	75	-0.017	-0.028	0.011	-64.20%	0.18%
Max	-0.017	-0.009	0.011	73.54%	0.44%	
Average	-0.024	-0.027	0.004	-29.76%	0.17%	
Min	-0.036	-0.047	-0.026	-64.20%	0.13%	
Std Dev	0.009	0.006	0.010	45.46%	0.05%	



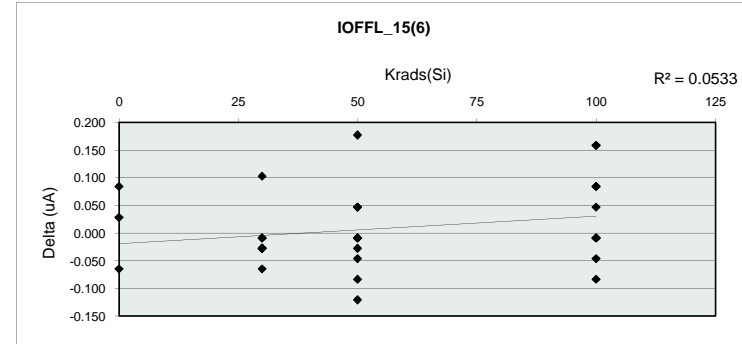
IOFFL_15(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.028	-0.047	-0.028	-0.028
Average	-0.028	-0.028	-0.026	-0.028
Max	-0.028	-0.009	-0.009	-0.028
UL	3.000	3.000	3.000	3.000



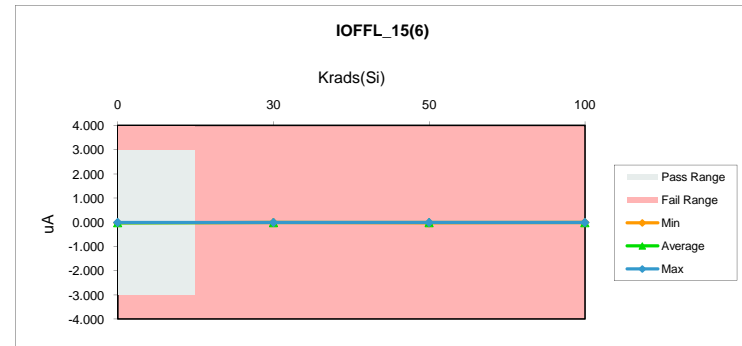
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IOFFL_15(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.019	-0.010	-0.009	46.33%	0.15%
30	34	-0.075	-0.010	-0.065	86.38%	1.08%
30	35	-0.038	-0.010	-0.027	72.89%	0.46%
30	36	-0.038	-0.010	-0.027	72.89%	0.46%
30	37	-0.038	-0.010	-0.027	72.89%	0.46%
30	38	-0.019	-0.010	-0.009	46.33%	0.15%
30	39	0.093	-0.010	0.103	111.00%	1.72%
30	40	-0.038	-0.010	-0.027	72.89%	0.46%
30	41	-0.019	-0.010	-0.009	46.33%	0.15%
30	42	-0.038	-0.010	-0.027	72.89%	0.46%
50	43	-0.019	-0.010	-0.009	46.33%	0.15%
50	44	-0.131	-0.010	-0.121	92.20%	2.01%
50	45	0.037	-0.010	0.047	127.68%	0.78%
50	46	-0.038	-0.010	-0.027	72.89%	0.46%
50	47	-0.094	-0.010	-0.083	89.09%	1.39%
50	48	0.037	-0.010	0.047	127.68%	0.78%
50	49	-0.019	-0.010	-0.009	46.33%	0.15%
50	50	-0.056	-0.010	-0.046	81.87%	0.77%
50	51	0.149	-0.029	0.177	119.36%	2.96%
50	52	-0.019	-0.010	-0.009	46.33%	0.15%
100	53	0.074	-0.010	0.084	113.77%	1.41%
100	54	-0.094	-0.010	-0.083	89.09%	1.39%
100	55	-0.019	-0.010	-0.009	46.33%	0.15%
100	56	0.149	-0.010	0.159	106.87%	2.65%
100	57	0.074	-0.010	0.084	113.77%	1.41%
100	58	-0.019	-0.010	-0.009	46.33%	0.15%
100	59	-0.019	-0.010	-0.009	46.33%	0.15%
100	60	-0.056	-0.010	-0.046	81.87%	0.77%
100	61	0.149	-0.010	0.159	106.87%	2.65%
100	62	0.037	-0.010	0.047	127.68%	0.78%
0	73	0.000	-0.029	0.028	-7361.38%	0.47%
0	74	-0.075	-0.010	-0.065	86.38%	1.08%
0	75	0.074	-0.010	0.084	113.77%	1.41%
	Max	0.149	-0.010	0.177	127.68%	2.96%
	Average	-0.003	-0.011	0.008	-143.39%	0.90%
	Min	-0.131	-0.029	-0.121	-7361.38%	0.15%
	Std Dev	0.071	0.004	0.072	1296.06%	0.79%



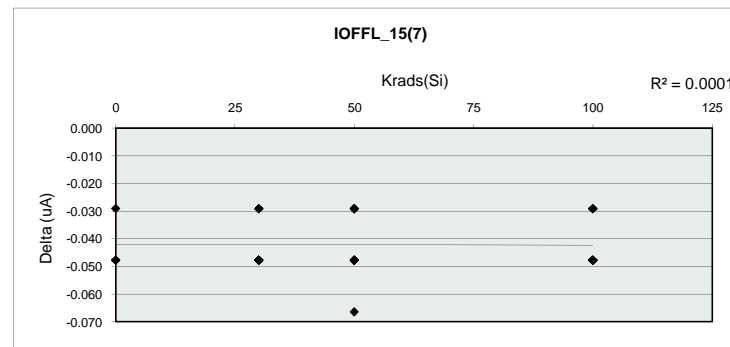
IOFFL_15(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.029	-0.010	-0.029	-0.010
Average	-0.016	-0.010	-0.012	-0.010
Max	-0.010	-0.010	-0.010	-0.010
UL	3.000	3.000	3.000	3.000



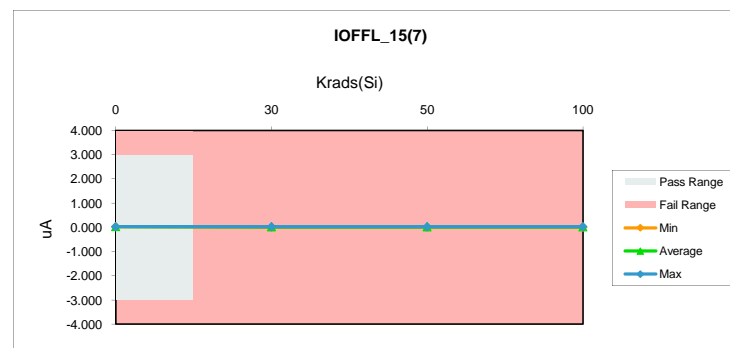
TID HDR Report
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IOFFL_15(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.025	0.004	-0.029	116.46%	0.49%
30	34	-0.025	0.023	-0.048	190.68%	0.80%
30	35	-0.025	0.023	-0.048	190.68%	0.80%
30	36	-0.025	0.023	-0.048	190.68%	0.80%
30	37	-0.025	0.023	-0.048	190.68%	0.80%
30	38	-0.025	0.004	-0.029	116.46%	0.49%
30	39	-0.025	0.023	-0.048	190.68%	0.80%
30	40	-0.025	0.023	-0.048	190.68%	0.80%
30	41	-0.025	0.023	-0.048	190.68%	0.80%
30	42	-0.025	0.004	-0.029	116.46%	0.49%
50	43	-0.025	0.004	-0.029	116.46%	0.49%
50	44	-0.044	0.023	-0.066	151.98%	1.11%
50	45	-0.025	0.023	-0.048	190.68%	0.80%
50	46	-0.025	0.004	-0.029	116.46%	0.49%
50	47	-0.025	0.023	-0.048	190.68%	0.80%
50	48	-0.025	0.023	-0.048	190.68%	0.80%
50	49	-0.025	0.004	-0.029	116.46%	0.49%
50	50	-0.025	0.004	-0.029	116.46%	0.49%
50	51	-0.025	0.023	-0.048	190.68%	0.80%
50	52	-0.025	0.023	-0.048	190.68%	0.80%
100	53	-0.025	0.004	-0.029	116.46%	0.49%
100	54	-0.025	0.023	-0.048	190.68%	0.80%
100	55	-0.025	0.004	-0.029	116.46%	0.49%
100	56	-0.025	0.023	-0.048	190.68%	0.80%
100	57	-0.025	0.004	-0.029	116.46%	0.49%
100	58	-0.025	0.023	-0.048	190.68%	0.80%
100	59	-0.025	0.023	-0.048	190.68%	0.80%
100	60	-0.025	0.023	-0.048	190.68%	0.80%
100	61	-0.044	0.004	-0.048	109.43%	0.80%
100	62	-0.025	0.023	-0.048	190.68%	0.80%
0	73	-0.025	0.023	-0.048	190.68%	0.80%
0	74	-0.006	0.023	-0.029	455.01%	0.49%
0	75	-0.025	0.023	-0.048	190.68%	0.80%
Max	-0.006	0.023	-0.029	455.01%	1.11%	
Average	-0.026	0.017	-0.042	172.56%	0.70%	
Min	-0.044	0.004	-0.066	109.43%	0.49%	
Std Dev	0.006	0.009	0.010	61.80%	0.16%	



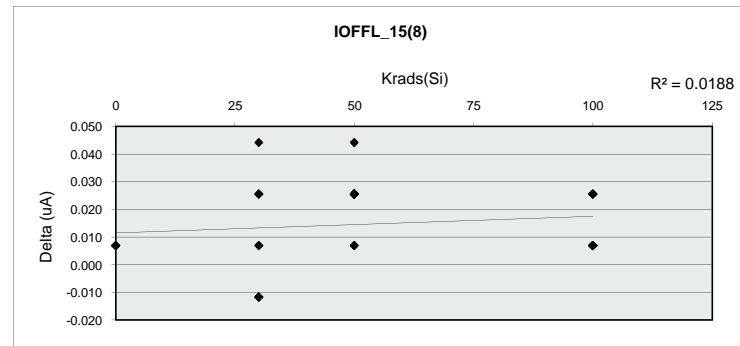
IOFFL_15(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.023	0.004	0.004	0.004
Average	0.023	0.017	0.015	0.015
Max	0.023	0.023	0.023	0.023
UL	3.000	3.000	3.000	3.000



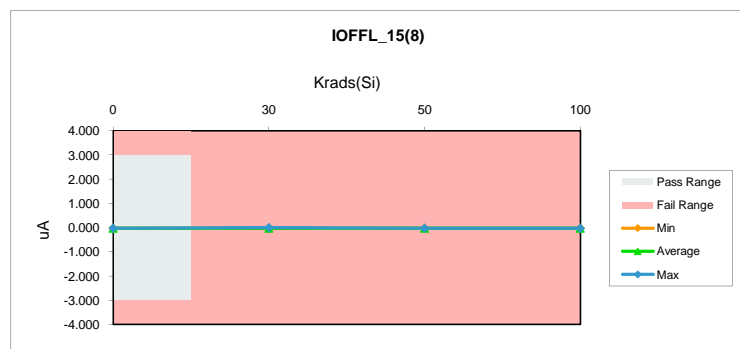
TID HDR Report
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IOFFL_15(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.002	-0.024	0.026	1697.01%	0.43%
30	34	-0.036	-0.024	-0.012	32.74%	0.20%
30	35	-0.036	-0.024	-0.012	32.74%	0.20%
30	36	-0.017	-0.005	-0.012	68.27%	0.19%
30	37	0.002	-0.024	0.026	1697.01%	0.43%
30	38	-0.036	-0.024	-0.012	32.74%	0.20%
30	39	-0.017	-0.024	0.007	-40.43%	0.12%
30	40	-0.017	-0.024	0.007	-40.43%	0.12%
30	41	0.020	-0.024	0.044	219.43%	0.74%
30	42	0.002	-0.024	0.026	1697.01%	0.43%
50	43	0.002	-0.024	0.026	1697.01%	0.43%
50	44	0.002	-0.024	0.026	1697.01%	0.43%
50	45	0.002	-0.024	0.026	1697.01%	0.43%
50	46	0.020	-0.024	0.044	219.43%	0.74%
50	47	0.002	-0.024	0.026	1697.01%	0.43%
50	48	0.002	-0.024	0.026	1697.01%	0.43%
50	49	0.002	-0.024	0.026	1697.01%	0.43%
50	50	-0.017	-0.024	0.007	-40.43%	0.12%
50	51	-0.017	-0.024	0.007	-40.43%	0.12%
50	52	0.002	-0.024	0.026	1697.01%	0.43%
100	53	0.002	-0.024	0.026	1697.01%	0.43%
100	54	-0.017	-0.024	0.007	-40.43%	0.12%
100	55	-0.017	-0.024	0.007	-40.43%	0.12%
100	56	-0.017	-0.024	0.007	-40.43%	0.12%
100	57	-0.017	-0.024	0.007	-40.43%	0.12%
100	58	0.002	-0.024	0.026	1697.01%	0.43%
100	59	0.002	-0.024	0.026	1697.01%	0.43%
100	60	-0.017	-0.024	0.007	-40.43%	0.12%
100	61	0.002	-0.024	0.026	1697.01%	0.43%
100	62	-0.017	-0.024	0.007	-40.43%	0.12%
0	73	-0.017	-0.024	0.007	-40.43%	0.12%
0	74	-0.017	-0.024	0.007	-40.43%	0.12%
0	75	-0.017	-0.024	0.007	-40.43%	0.12%
Max		0.020	-0.005	0.044	1697.01%	0.74%
Average		-0.009	-0.023	0.015	722.36%	0.29%
Min		-0.036	-0.024	-0.012	-40.43%	0.12%
Std Dev		0.014	0.003	0.015	851.90%	0.18%



IOFFL_15(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.024	-0.024	-0.024	-0.024
Average	-0.024	-0.022	-0.024	-0.024
Max	-0.024	-0.005	-0.024	-0.024
UL	3.000	3.000	3.000	3.000

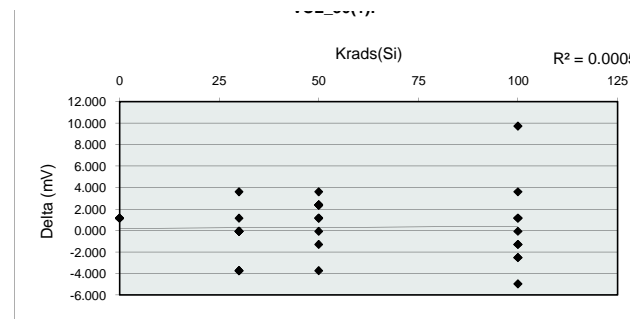


VCL 30(1).

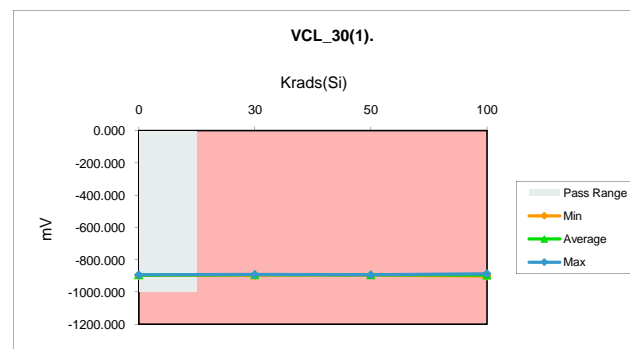
TID HDR Report
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VCL_30(1).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-1000	-1000

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-893.444	-893.381	-0.063	0.01%	0.01%
30	34	-895.886	-892.160	-3.726	0.42%	0.37%
30	35	-893.444	-893.381	-0.063	0.01%	0.01%
30	36	-897.107	-893.381	-3.726	0.42%	0.37%
30	37	-892.223	-892.160	-0.063	0.01%	0.01%
30	38	-892.223	-892.160	-0.063	0.01%	0.01%
30	39	-895.886	-892.160	-3.726	0.42%	0.37%
30	40	-892.223	-895.823	3.600	-0.40%	0.36%
30	41	-892.223	-893.381	1.158	-0.13%	0.12%
30	42	-892.223	-892.160	-0.063	0.01%	0.01%
50	43	-892.223	-894.602	2.379	-0.27%	0.24%
50	44	-892.223	-894.602	2.379	-0.27%	0.24%
50	45	-893.444	-894.602	1.158	-0.13%	0.12%
50	46	-895.886	-894.602	-1.284	0.14%	0.13%
50	47	-897.107	-893.381	-3.726	0.42%	0.37%
50	48	-892.223	-894.602	2.379	-0.27%	0.24%
50	49	-893.444	-894.602	1.158	-0.13%	0.12%
50	50	-892.223	-894.602	2.379	-0.27%	0.24%
50	51	-889.781	-893.381	3.600	-0.40%	0.36%
50	52	-893.444	-893.381	-0.063	0.01%	0.01%
100	53	-897.107	-897.045	-0.062	0.01%	0.01%
100	54	-897.107	-895.823	-1.284	0.14%	0.13%
100	55	-892.223	-887.274	-4.949	0.55%	0.49%
100	56	-891.002	-900.709	9.707	-1.09%	0.97%
100	57	-897.107	-895.823	-1.284	0.14%	0.13%
100	58	-897.107	-894.602	-2.505	0.28%	0.25%
100	59	-891.002	-894.602	3.600	-0.40%	0.36%
100	60	-897.107	-894.602	-2.505	0.28%	0.25%
100	61	-897.107	-898.266	1.159	-0.13%	0.12%
100	62	-897.107	-898.266	1.159	-0.13%	0.12%
0	73	-892.223	-893.381	1.158	-0.13%	0.12%
0	74	-892.223	-893.381	1.158	-0.13%	0.12%
0	75	-895.886	-897.045	1.159	-0.13%	0.12%
	Max	-889.781	-887.274	9.707	0.55%	0.97%
	Average	-894.036	-894.343	0.307	-0.03%	0.21%
	Min	-897.107	-900.709	-4.949	-1.09%	0.01%
	Std Dev	2.347	2.340	2.855	0.32%	0.20%



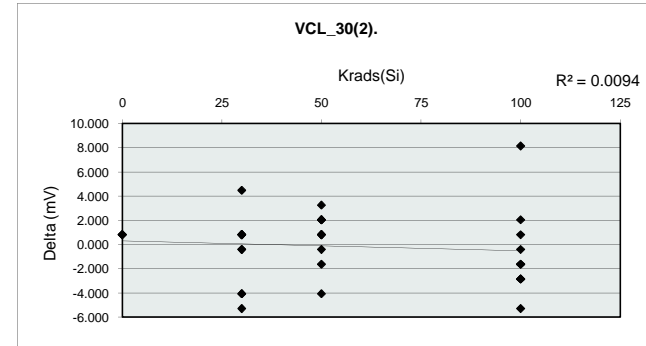
VCL_30(1).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-1000 mV			
Krads(Si)	0	30	50	100
LL	-1000.000	-1000.000	-1000.000	-1000.000
Min	-897.045	-895.823	-894.602	-900.709
Average	-894.602	-893.015	-894.236	-895.701
Max	-893.381	-892.160	-893.381	-887.274
UL				



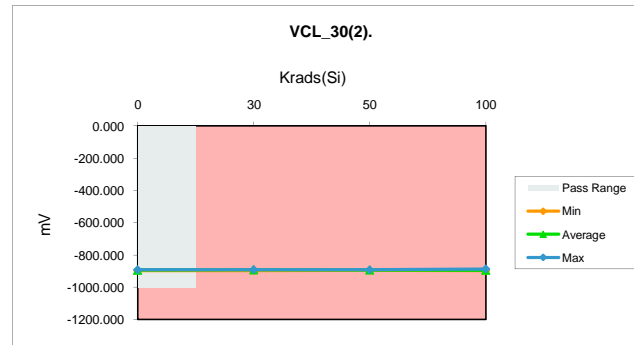
TID HDR Report
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VCL_30(2).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-1000	-1000

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-890.851	-891.674	0.823	-0.09%	0.08%
30	34	-895.739	-890.453	-5.286	0.59%	0.53%
30	35	-890.851	-890.453	-0.398	0.04%	0.04%
30	36	-895.739	-891.674	-4.065	0.45%	0.41%
30	37	-892.074	-891.674	-0.400	0.04%	0.04%
30	38	-890.851	-891.674	0.823	-0.09%	0.08%
30	39	-894.517	-890.453	-4.064	0.45%	0.41%
30	40	-892.074	-896.559	4.485	-0.50%	0.45%
30	41	-892.074	-892.895	0.821	-0.09%	0.08%
30	42	-890.851	-891.674	0.823	-0.09%	0.08%
50	43	-892.074	-894.116	2.042	-0.23%	0.20%
50	44	-890.851	-894.116	3.265	-0.37%	0.33%
50	45	-892.074	-894.116	2.042	-0.23%	0.20%
50	46	-894.517	-892.895	-1.622	0.18%	0.16%
50	47	-896.961	-892.895	-4.066	0.45%	0.41%
50	48	-890.851	-891.674	0.823	-0.09%	0.08%
50	49	-890.851	-891.674	0.823	-0.09%	0.08%
50	50	-890.851	-892.895	2.044	-0.23%	0.20%
50	51	-892.074	-892.895	0.821	-0.09%	0.08%
50	52	-892.074	-891.674	-0.400	0.04%	0.04%
100	53	-896.961	-895.338	-1.623	0.18%	0.16%
100	54	-895.739	-894.116	-1.623	0.18%	0.16%
100	55	-892.074	-886.789	-5.285	0.59%	0.53%
100	56	-889.630	-897.780	8.150	-0.92%	0.82%
100	57	-896.961	-894.116	-2.845	0.32%	0.28%
100	58	-895.739	-892.895	-2.844	0.32%	0.28%
100	59	-890.851	-892.895	2.044	-0.23%	0.20%
100	60	-895.739	-892.895	-2.844	0.32%	0.28%
100	61	-895.739	-896.559	0.820	-0.09%	0.08%
100	62	-896.961	-896.559	-0.402	0.04%	0.04%
0	73	-890.851	-891.674	0.823	-0.09%	0.08%
0	74	-890.851	-891.674	0.823	-0.09%	0.08%
0	75	-895.739	-896.559	0.820	-0.09%	0.08%
Max		-889.630	-886.789	8.150	0.59%	0.82%
Average		-893.110	-892.969	-0.141	0.02%	0.21%
Min		-896.961	-897.780	-5.286	-0.92%	0.04%
Std Dev		2.427	2.242	2.845	0.32%	0.18%



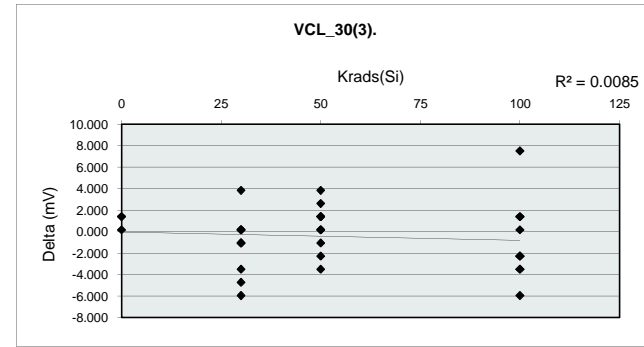
VCL_30(2).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-1000 mV			
Krads(Si)	0	30	50	100
LL	-1000.000	-1000.000	-1000.000	-1000.000
Min	-896.559	-896.559	-894.116	-897.780
Average	-893.302	-891.918	-892.895	-893.994
Max	-891.674	-890.453	-891.674	-886.789
UL				



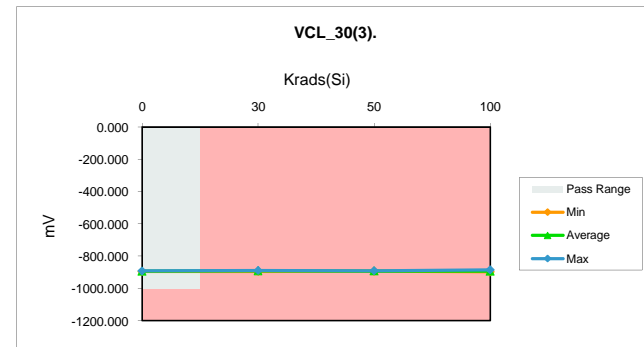
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VCL_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-1000	-1000

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-892.119	-892.285	0.166	-0.02%	0.02%
30	34	-895.787	-889.841	-5.946	0.66%	0.59%
30	35	-892.119	-892.285	0.166	-0.02%	0.02%
30	36	-895.787	-891.063	-4.724	0.53%	0.47%
30	37	-890.896	-889.841	-1.055	0.12%	0.11%
30	38	-890.896	-889.841	-1.055	0.12%	0.11%
30	39	-894.564	-891.063	-3.501	0.39%	0.35%
30	40	-890.896	-894.729	3.833	-0.43%	0.38%
30	41	-892.119	-892.285	0.166	-0.02%	0.02%
30	42	-890.896	-889.841	-1.055	0.12%	0.11%
50	43	-890.896	-892.285	1.389	-0.16%	0.14%
50	44	-889.674	-893.507	3.833	-0.43%	0.38%
50	45	-892.119	-892.285	0.166	-0.02%	0.02%
50	46	-895.787	-893.507	-2.280	0.25%	0.23%
50	47	-895.787	-892.285	-3.502	0.39%	0.35%
50	48	-890.896	-892.285	1.389	-0.16%	0.14%
50	49	-890.896	-892.285	1.389	-0.16%	0.14%
50	50	-889.674	-892.285	2.611	-0.29%	0.26%
50	51	-892.119	-892.285	0.166	-0.02%	0.02%
50	52	-892.119	-891.063	-1.056	0.12%	0.11%
100	53	-897.009	-893.507	-3.502	0.39%	0.35%
100	54	-897.009	-894.729	-2.280	0.25%	0.23%
100	55	-892.119	-886.174	-5.945	0.67%	0.59%
100	56	-889.674	-897.174	7.500	-0.84%	0.75%
100	57	-897.009	-894.729	-2.280	0.25%	0.23%
100	58	-895.787	-893.507	-2.280	0.25%	0.23%
100	59	-890.896	-892.285	1.389	-0.16%	0.14%
100	60	-897.009	-893.507	-3.502	0.39%	0.35%
100	61	-895.787	-895.952	0.165	-0.02%	0.02%
100	62	-895.787	-897.174	1.387	-0.15%	0.14%
0	73	-890.896	-892.285	1.389	-0.16%	0.14%
0	74	-890.896	-892.285	1.389	-0.16%	0.14%
0	75	-895.787	-895.952	0.165	-0.02%	0.02%
	Max	-889.674	-886.174	7.500	0.67%	0.75%
	Average	-893.082	-892.618	-0.464	0.05%	0.22%
	Min	-897.009	-897.174	-5.946	-0.84%	0.02%
	Std Dev	2.571	2.251	2.885	0.32%	0.19%



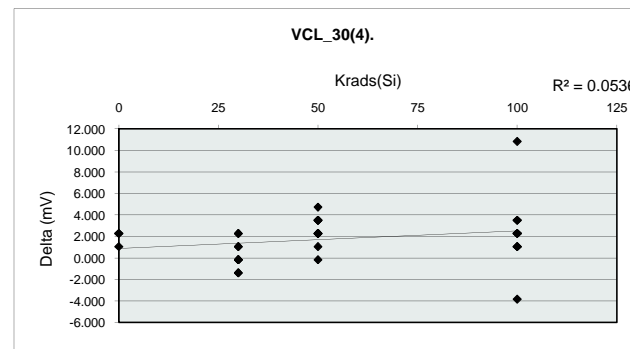
VCL_30(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-1000 mV			
Krads(Si)	0	30	50	100
LL	-1000.000	-1000.000	-1000.000	-1000.000
Min	-895.952	-894.729	-893.507	-897.174
Average	-893.507	-891.307	-892.407	-893.874
Max	-892.285	-889.841	-891.063	-886.174
UL				



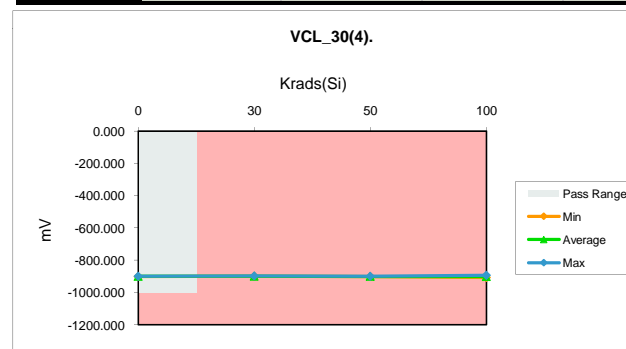
TID HDR Report
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VCL_30(4).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-1000	-1000

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-898.019	-897.861	-0.158	0.02%	0.02%
30	34	-899.240	-897.861	-1.379	0.15%	0.14%
30	35	-899.240	-899.083	-0.157	0.02%	0.02%
30	36	-900.462	-900.306	-0.156	0.02%	0.02%
30	37	-896.797	-897.861	1.064	-0.12%	0.11%
30	38	-898.019	-899.083	1.064	-0.12%	0.11%
30	39	-899.240	-897.861	-1.379	0.15%	0.14%
30	40	-898.019	-900.306	2.287	-0.25%	0.23%
30	41	-898.019	-900.306	2.287	-0.25%	0.23%
30	42	-898.019	-897.861	-0.158	0.02%	0.02%
50	43	-896.797	-900.306	3.509	-0.39%	0.35%
50	44	-896.797	-901.529	4.732	-0.53%	0.47%
50	45	-898.019	-901.529	3.510	-0.39%	0.35%
50	46	-899.240	-901.529	2.289	-0.25%	0.23%
50	47	-899.240	-900.306	1.066	-0.12%	0.11%
50	48	-896.797	-900.306	3.509	-0.39%	0.35%
50	49	-898.019	-900.306	2.287	-0.25%	0.23%
50	50	-898.019	-900.306	2.287	-0.25%	0.23%
50	51	-898.019	-900.306	2.287	-0.25%	0.23%
50	52	-899.240	-899.083	-0.157	0.02%	0.02%
100	53	-900.462	-902.752	2.290	-0.25%	0.23%
100	54	-900.462	-902.752	2.290	-0.25%	0.23%
100	55	-898.019	-894.192	-3.827	0.43%	0.38%
100	56	-896.797	-907.644	10.847	-1.21%	1.08%
100	57	-900.462	-902.752	2.290	-0.25%	0.23%
100	58	-900.462	-901.529	1.067	-0.12%	0.11%
100	59	-896.797	-900.306	3.509	-0.39%	0.35%
100	60	-900.462	-901.529	1.067	-0.12%	0.11%
100	61	-899.240	-902.752	3.512	-0.39%	0.35%
100	62	-900.462	-901.529	1.067	-0.12%	0.11%
0	73	-898.019	-899.083	1.064	-0.12%	0.11%
0	74	-898.019	-900.306	2.287	-0.25%	0.23%
0	75	-899.240	-901.529	2.289	-0.25%	0.23%
	Max	-896.797	-894.192	10.847	0.43%	1.08%
	Average	-898.611	-900.380	1.769	-0.20%	0.22%
	Min	-900.462	-907.644	-3.827	-1.21%	0.02%
	Std Dev	1.264	2.245	2.388	0.27%	0.20%



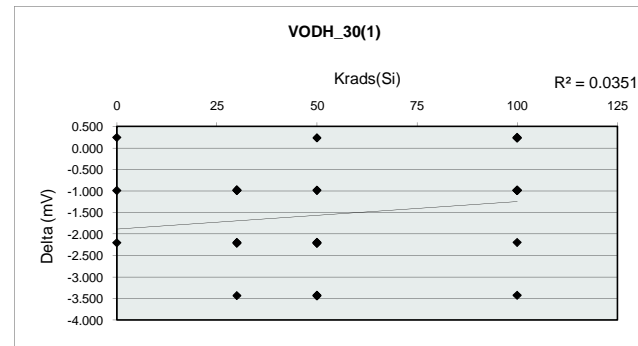
VCL_30(4).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-1000			
	mV			
Krads(Si)	0	30	50	100
LL	-1000.000	-1000.000	-1000.000	-1000.000
Min	-901.529	-900.306	-901.529	-907.644
Average	-900.306	-898.839	-900.551	-901.774
Max	-899.083	-897.861	-899.083	-894.192
UL				



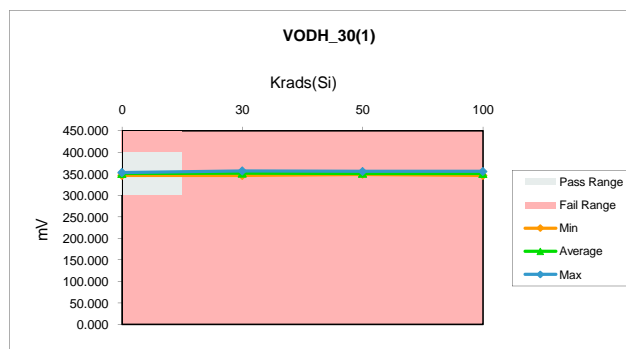
TID HDR Report
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VODH_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	400	400
Min Limit	300	300

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	344.799	345.788	-0.989	-0.29%	0.99%
30	34	348.483	349.470	-0.987	-0.28%	0.99%
30	35	349.699	350.683	-0.984	-0.28%	0.98%
30	36	353.361	354.334	-0.973	-0.28%	0.97%
30	37	348.482	350.689	-2.207	-0.63%	2.21%
30	38	354.588	356.782	-2.194	-0.62%	2.19%
30	39	353.380	355.579	-2.199	-0.62%	2.20%
30	40	347.257	350.686	-3.429	-0.99%	3.43%
30	41	343.578	345.792	-2.214	-0.64%	2.21%
30	42	353.377	354.356	-0.979	-0.28%	0.98%
50	43	353.359	355.555	-2.196	-0.62%	2.20%
50	44	344.813	348.246	-3.433	-1.00%	3.43%
50	45	349.697	350.680	-0.983	-0.28%	0.98%
50	46	348.484	348.250	0.234	0.07%	0.23%
50	47	349.698	350.681	-0.983	-0.28%	0.98%
50	48	346.025	349.454	-3.429	-0.99%	3.43%
50	49	347.270	349.481	-2.211	-0.64%	2.21%
50	50	349.689	353.110	-3.421	-0.98%	3.42%
50	51	346.033	348.244	-2.211	-0.64%	2.21%
50	52	352.137	354.333	-2.196	-0.62%	2.20%
100	53	350.925	351.904	-0.979	-0.28%	0.98%
100	54	344.808	345.799	-0.991	-0.29%	0.99%
100	55	352.140	353.118	-0.978	-0.28%	0.98%
100	56	347.256	347.022	0.234	0.07%	0.23%
100	57	344.801	345.790	-0.989	-0.29%	0.99%
100	58	346.043	345.815	0.228	0.07%	0.23%
100	59	352.152	355.574	-3.422	-0.97%	3.42%
100	60	348.479	349.463	-0.984	-0.28%	0.98%
100	61	353.362	353.117	0.245	0.07%	0.24%
100	62	353.357	355.550	-2.193	-0.62%	2.19%
0	73	344.799	345.788	-0.989	-0.29%	0.99%
0	74	353.363	353.120	0.243	0.07%	0.24%
0	75	350.926	353.127	-2.201	-0.63%	2.20%
Max		354.588	356.782	0.245	0.07%	3.43%
Average		349.292	350.830	-1.538	-0.44%	1.61%
Min		343.578	345.788	-3.433	-1.00%	0.23%
Std Dev		3.330	3.462	1.146	0.33%	1.04%



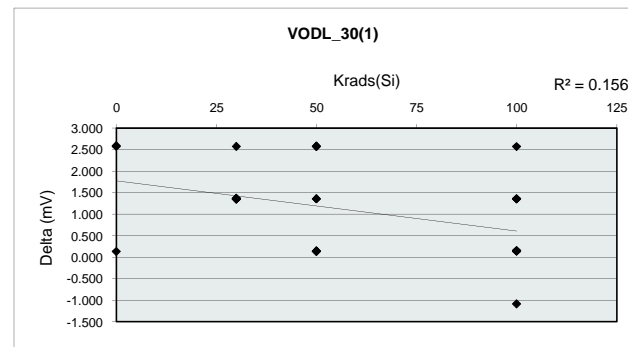
VODH_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	400	mV		
Min Limit	300	mV		
Krads(Si)	0	30	50	100
LL	300.000	300.000	300.000	300.000
Min	345.788	345.788	348.244	345.790
Average	350.678	351.416	350.803	350.315
Max	353.127	356.782	355.555	355.574
UL	400.000	400.000	400.000	400.000



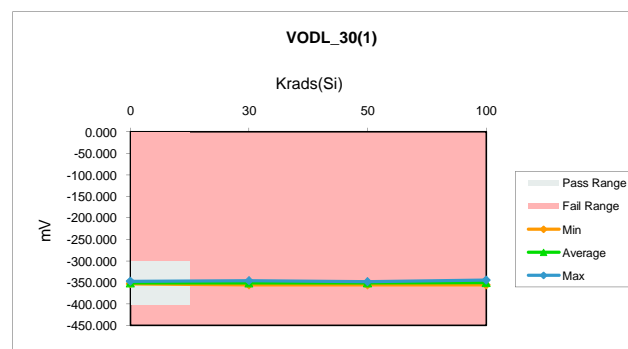
TID HDR Report
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VODL_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-300	-300
Min Limit	-400	-400

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-345.827	-347.197	1.370	-0.40%	1.37%
30	34	-349.477	-350.836	1.359	-0.39%	1.36%
30	35	-349.482	-350.842	1.360	-0.39%	1.36%
30	36	-351.933	-354.511	2.578	-0.73%	2.58%
30	37	-348.255	-349.616	1.361	-0.39%	1.36%
30	38	-354.373	-355.724	1.351	-0.38%	1.35%
30	39	-354.359	-355.708	1.349	-0.38%	1.35%
30	40	-349.481	-350.840	1.359	-0.39%	1.36%
30	41	-344.603	-345.974	1.371	-0.40%	1.37%
30	42	-351.915	-353.269	1.354	-0.38%	1.35%
50	43	-353.157	-355.732	2.575	-0.73%	2.57%
50	44	-345.813	-348.399	2.586	-0.75%	2.59%
50	45	-349.485	-352.066	2.581	-0.74%	2.58%
50	46	-348.253	-348.394	0.141	-0.04%	0.14%
50	47	-350.706	-352.064	1.358	-0.39%	1.36%
50	48	-348.267	-348.411	0.144	-0.04%	0.14%
50	49	-349.467	-349.604	0.137	-0.04%	0.14%
50	50	-351.937	-353.295	1.358	-0.39%	1.36%
50	51	-348.259	-348.402	0.143	-0.04%	0.14%
50	52	-354.379	-354.514	0.135	-0.04%	0.14%
100	53	-351.924	-352.061	0.137	-0.04%	0.14%
100	54	-347.040	-347.186	0.146	-0.04%	0.15%
100	55	-354.375	-353.287	-1.088	0.31%	1.09%
100	56	-347.036	-347.184	0.148	-0.04%	0.15%
100	57	-344.602	-344.755	0.153	-0.04%	0.15%
100	58	-347.027	-347.170	0.143	-0.04%	0.14%
100	59	-351.920	-353.273	1.353	-0.38%	1.35%
100	60	-349.481	-350.844	1.363	-0.39%	1.36%
100	61	-351.932	-353.290	1.358	-0.39%	1.36%
100	62	-353.160	-355.735	2.575	-0.73%	2.57%
0	73	-344.604	-347.197	2.593	-0.75%	2.59%
0	74	-350.708	-353.287	2.579	-0.74%	2.58%
0	75	-353.146	-353.279	0.133	-0.04%	0.13%
Max		-344.602	-344.755	2.593	0.31%	2.59%
Average		-349.890	-351.029	1.138	-0.33%	1.20%
Min		-354.379	-355.735	-1.088	-0.75%	0.13%
Std Dev		3.019	3.171	0.986	0.28%	0.90%



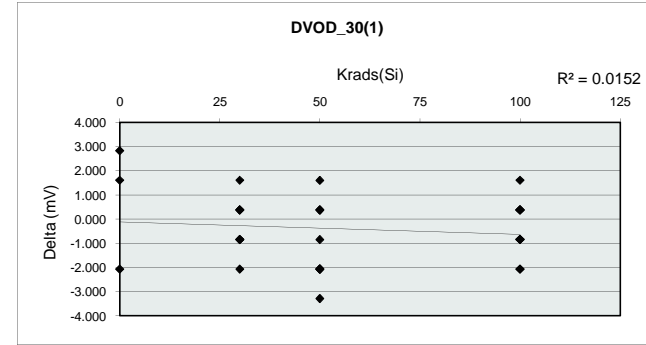
VODL_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-300	mV		
Min Limit	-400	mV		
Krads(Si)	0	30	50	100
LL	-400.000	-400.000	-400.000	-400.000
Min	-353.287	-355.724	-355.732	-355.735
Average	-351.254	-351.452	-351.088	-350.479
Max	-347.197	-345.974	-348.394	-344.755
UL	-300.000	-300.000	-300.000	-300.000



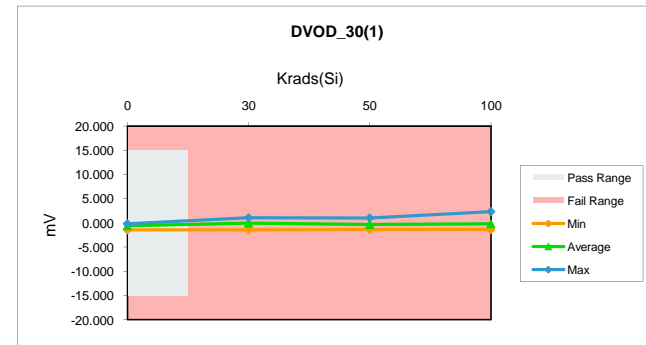
TID HDR Report
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DVOD_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-1.028	-1.408	0.380	-36.96%	1.27%
30	34	-0.994	-1.366	0.372	-37.43%	1.24%
30	35	0.218	-0.159	0.377	173.19%	1.26%
30	36	1.428	-0.176	1.604	112.36%	5.35%
30	37	0.226	1.073	-0.847	-373.86%	2.82%
30	38	0.215	1.058	-0.843	-391.97%	2.81%
30	39	-0.979	-0.129	-0.849	86.77%	2.83%
30	40	-2.223	-0.155	-2.068	93.04%	6.89%
30	41	-1.024	-0.183	-0.841	82.16%	2.80%
30	42	1.462	1.087	0.375	25.65%	1.25%
50	43	0.201	-0.176	0.378	187.71%	1.26%
50	44	-1.000	-0.153	-0.847	84.69%	2.82%
50	45	0.212	-1.386	1.598	752.26%	5.33%
50	46	0.232	-0.144	0.375	162.02%	1.25%
50	47	-1.008	-1.383	0.375	-37.20%	1.25%
50	48	-2.241	1.043	-3.284	146.54%	10.95%
50	49	-2.197	-0.123	-2.074	94.39%	6.91%
50	50	-2.247	-0.184	-2.063	91.80%	6.88%
50	51	-2.226	-0.158	-2.068	92.91%	6.89%
50	52	-2.242	-0.181	-2.061	91.92%	6.87%
100	53	-0.999	-0.158	-0.841	84.22%	2.80%
100	54	-2.232	-1.386	-0.846	37.90%	2.82%
100	55	-2.235	-0.169	-2.066	92.46%	6.89%
100	56	0.220	-0.162	0.383	173.79%	1.28%
100	57	0.200	1.035	-0.835	-418.03%	2.78%
100	58	-0.984	-1.355	0.371	-37.71%	1.24%
100	59	0.232	2.301	-2.069	-893.68%	6.90%
100	60	-1.002	-1.380	0.378	-37.72%	1.26%
100	61	1.430	-0.173	1.603	112.12%	5.34%
100	62	0.198	-0.184	0.382	193.36%	1.27%
0	73	0.195	-1.408	1.603	821.96%	5.34%
0	74	2.656	-0.167	2.823	106.29%	9.41%
0	75	-2.220	-0.151	-2.069	93.18%	6.90%
Max		2.656	2.301	2.823	821.96%	10.95%
Average		-0.599	-0.199	-0.400	52.37%	4.04%
Min		-2.247	-1.408	-3.284	-893.68%	1.24%
Std Dev		1.320	0.892	1.427	292.23%	2.77%



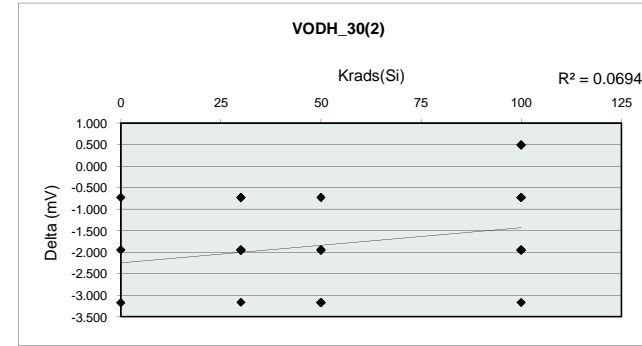
DVOD_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-1.408	-1.408	-1.386	-1.386
Average	-0.575	-0.036	-0.285	-0.163
Max	-0.151	1.087	1.043	2.301
UL	15.000	15.000	15.000	15.000



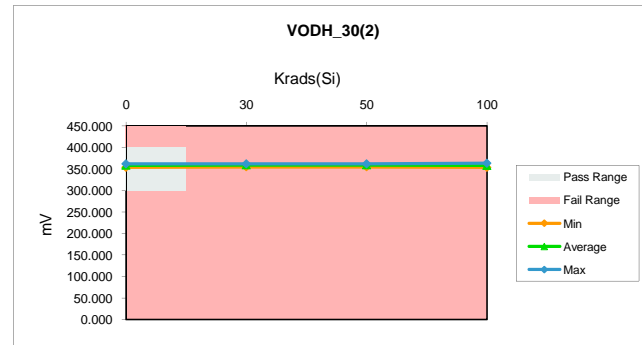
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VODH_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	400	400
Min Limit	300	300

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	353.790	354.525	-0.735	-0.21%	0.73%
30	34	357.463	359.413	-1.950	-0.55%	1.95%
30	35	356.242	358.193	-1.951	-0.55%	1.95%
30	36	359.911	360.636	-0.725	-0.20%	0.72%
30	37	356.237	358.190	-1.953	-0.55%	1.95%
30	38	358.694	361.861	-3.167	-0.88%	3.17%
30	39	358.693	360.639	-1.946	-0.54%	1.95%
30	40	358.684	360.634	-1.950	-0.54%	1.95%
30	41	352.570	354.526	-1.956	-0.55%	1.96%
30	42	359.912	360.637	-0.725	-0.20%	0.73%
50	43	358.691	360.637	-1.946	-0.54%	1.95%
50	44	352.577	355.751	-3.174	-0.90%	3.17%
50	45	357.466	360.636	-3.170	-0.89%	3.17%
50	46	353.797	356.971	-3.174	-0.90%	3.17%
50	47	357.463	359.413	-1.950	-0.55%	1.95%
50	48	355.017	358.191	-3.174	-0.89%	3.17%
50	49	357.463	360.634	-3.171	-0.89%	3.17%
50	50	359.903	361.853	-1.950	-0.54%	1.95%
50	51	353.804	354.532	-0.728	-0.21%	0.73%
50	52	358.685	360.635	-1.950	-0.54%	1.95%
100	53	357.470	358.196	-0.726	-0.20%	0.73%
100	54	352.574	354.528	-1.954	-0.55%	1.95%
100	55	358.682	358.190	0.492	0.14%	0.49%
100	56	355.022	354.530	0.492	0.14%	0.49%
100	57	355.015	356.969	-1.954	-0.55%	1.95%
100	58	352.576	353.308	-0.732	-0.21%	0.73%
100	59	361.127	363.075	-1.948	-0.54%	1.95%
100	60	356.246	358.194	-1.948	-0.55%	1.95%
100	61	358.690	359.416	-0.726	-0.20%	0.73%
100	62	357.465	360.635	-3.170	-0.89%	3.17%
0	73	350.135	353.310	-3.175	-0.91%	3.17%
0	74	359.910	361.857	-1.947	-0.54%	1.95%
0	75	358.685	359.413	-0.728	-0.20%	0.73%
	Max	361.127	363.075	0.492	0.14%	3.17%
	Average	356.687	358.489	-1.802	-0.51%	1.86%
	Min	350.135	353.308	-3.175	-0.91%	0.49%
	Std Dev	2.747	2.765	1.047	0.29%	0.93%



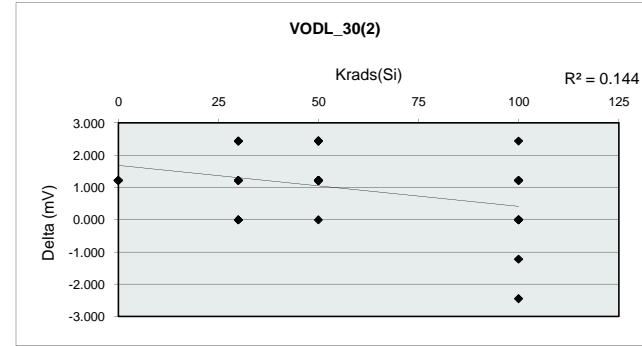
VODH_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	400	mV		
Min Limit	300	mV		
Krads(Si)	0	30	50	100
LL	300.000	300.000	300.000	300.000
Min	353.310	354.525	354.532	353.308
Average	358.193	358.925	358.925	357.704
Max	361.857	361.861	361.853	363.075
UL	400.000	400.000	400.000	400.000



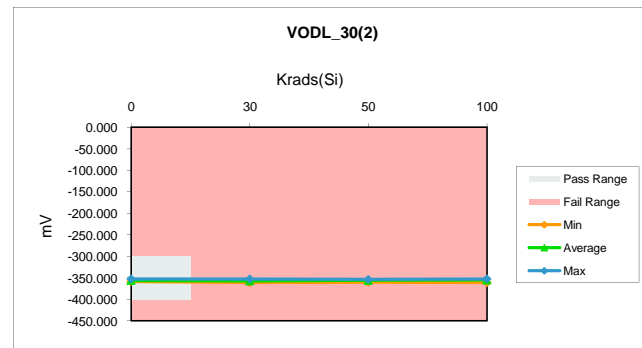
TID HDR Report
SN55LVCP22-SP

		VODL_30(2)	
Test Site		Dallas	Dallas
Tester		Impact	Impact
Test Number		I21072	I21072
Unit		mV	mV
Max Limit		-300	-300
Min Limit		-400	-400

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-352.487	-352.480	-0.007	0.00%	0.01%
30	34	-357.367	-357.360	-0.007	0.00%	0.01%
30	35	-356.145	-357.359	1.214	-0.34%	1.21%
30	36	-357.364	-358.579	1.215	-0.34%	1.21%
30	37	-354.929	-357.363	2.434	-0.69%	2.43%
30	38	-358.581	-359.797	1.216	-0.34%	1.22%
30	39	-359.804	-359.798	-0.006	0.00%	0.01%
30	40	-356.147	-357.361	1.214	-0.34%	1.21%
30	41	-350.042	-352.479	2.437	-0.70%	2.44%
30	42	-358.585	-361.020	2.435	-0.68%	2.43%
50	43	-354.919	-356.136	1.217	-0.34%	1.22%
50	44	-351.256	-353.696	2.440	-0.69%	2.44%
50	45	-354.922	-356.138	1.216	-0.34%	1.22%
50	46	-353.703	-354.918	1.215	-0.34%	1.21%
50	47	-353.703	-353.697	-0.006	0.00%	0.01%
50	48	-354.926	-356.140	1.214	-0.34%	1.21%
50	49	-353.702	-356.139	2.437	-0.69%	2.44%
50	50	-358.595	-359.805	1.210	-0.34%	1.21%
50	51	-351.252	-353.693	2.441	-0.69%	2.44%
50	52	-356.146	-357.360	1.214	-0.34%	1.21%
100	53	-357.361	-356.135	-1.226	0.34%	1.23%
100	54	-350.037	-352.476	2.439	-0.70%	2.44%
100	55	-357.371	-354.920	-2.451	0.69%	2.45%
100	56	-352.478	-352.475	-0.003	0.00%	0.00%
100	57	-353.706	-353.699	-0.007	0.00%	0.01%
100	58	-352.480	-352.476	-0.004	0.00%	0.00%
100	59	-359.813	-361.024	1.211	-0.34%	1.21%
100	60	-354.920	-354.916	-0.004	0.00%	0.00%
100	61	-356.141	-357.357	1.216	-0.34%	1.22%
100	62	-356.145	-357.360	1.215	-0.34%	1.21%
0	73	-351.254	-352.473	1.219	-0.35%	1.22%
0	74	-357.365	-358.580	1.215	-0.34%	1.21%
0	75	-356.146	-357.361	1.215	-0.34%	1.21%
	Max	-350.037	-352.473	2.441	0.69%	2.45%
	Average	-355.145	-356.138	0.993	-0.28%	1.22%
	Min	-359.813	-361.024	-2.451	-0.70%	0.00%
	Std Dev	2.722	2.625	1.120	0.32%	0.86%



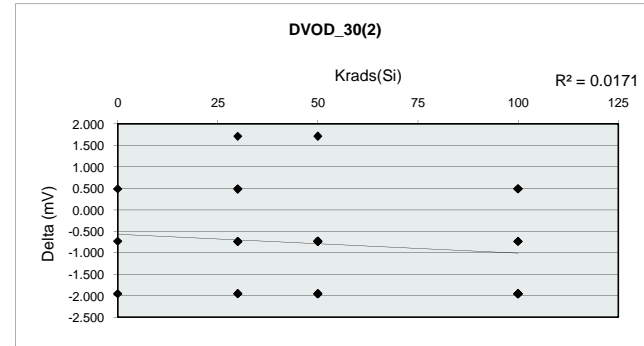
		VODL_30(2)			
Test Site		Dallas			
Tester		Impact			
Test Number		I21072			
Max Limit		-300	mV		
Min Limit		-400	mV		
Krads(Si)		0	30	50	100
LL		-400.000	-400.000	-400.000	-400.000
Min		-358.580	-361.020	-359.805	-361.024
Average		-356.138	-357.360	-355.772	-355.284
Max		-352.473	-352.479	-353.693	-352.475
UL		-300.000	-300.000	-300.000	-300.000



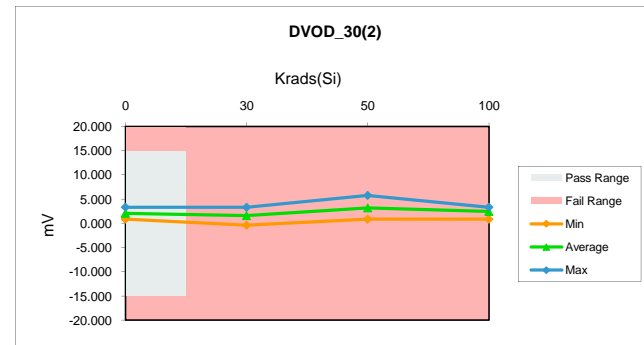
TID HDR Report
SN55LVCP22-SP

DVOD_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.303	2.045	-0.742	-56.95%	2.47%
30	34	0.096	2.053	-1.957	-2042.02%	6.52%
30	35	0.097	0.833	-0.736	-757.73%	2.45%
30	36	2.546	2.057	0.489	19.21%	1.63%
30	37	1.309	0.827	0.482	36.82%	1.61%
30	38	0.113	2.064	-1.951	-1718.71%	6.50%
30	39	-1.111	0.841	-1.952	175.67%	6.51%
30	40	2.537	3.273	-0.736	-29.01%	2.45%
30	41	2.529	2.047	0.482	19.06%	1.61%
30	42	1.327	-0.383	1.710	128.86%	5.70%
50	43	3.771	4.501	-0.730	-19.36%	2.43%
50	44	1.321	2.056	-0.735	-55.64%	2.45%
50	45	2.544	4.497	-1.953	-76.77%	6.51%
50	46	0.095	2.053	-1.958	-2070.35%	6.53%
50	47	3.761	5.716	-1.955	-51.98%	6.52%
50	48	0.091	2.050	-1.959	-2158.26%	6.53%
50	49	3.761	4.496	-0.735	-19.54%	2.45%
50	50	1.308	2.048	-0.740	-56.57%	2.47%
50	51	2.552	0.839	1.713	67.11%	5.71%
50	52	2.540	3.275	-0.735	-28.94%	2.45%
100	53	0.109	2.061	-1.952	-1789.51%	6.51%
100	54	2.537	2.052	0.485	19.12%	1.62%
100	55	1.312	3.271	-1.959	-149.31%	6.53%
100	56	2.544	2.055	0.489	19.22%	1.63%
100	57	1.309	3.269	-1.960	-149.73%	6.53%
100	58	0.096	0.832	-0.736	-767.37%	2.45%
100	59	1.314	2.051	-0.737	-56.09%	2.46%
100	60	1.326	3.278	-1.952	-147.21%	6.51%
100	61	2.549	2.059	0.490	19.22%	1.63%
100	62	1.319	3.275	-1.956	-148.29%	6.52%
0	73	-1.119	0.837	-1.956	174.79%	6.52%
0	74	2.545	3.277	-0.732	-28.76%	2.44%
0	75	2.538	2.052	0.486	19.15%	1.62%
	Max	3.771	5.716	1.713	175.67%	6.53%
	Average	1.541	2.350	-0.809	-353.94%	4.07%
	Min	-1.119	-0.383	-1.960	-2158.26%	1.61%
	Std Dev	1.311	1.296	1.140	718.04%	2.19%



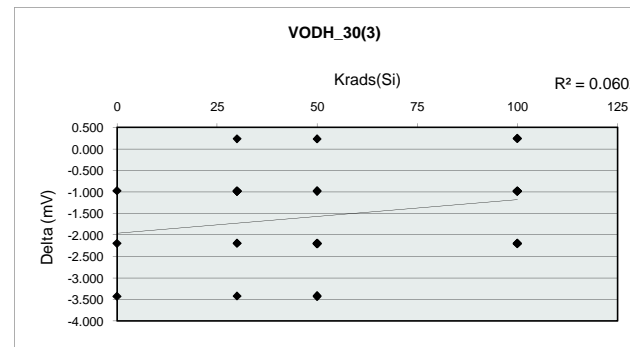
DVOD_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	0.837	-0.383	0.839	0.832
Average	2.055	1.566	3.153	2.420
Max	3.277	3.273	5.716	3.278
UL	15.000	15.000	15.000	15.000



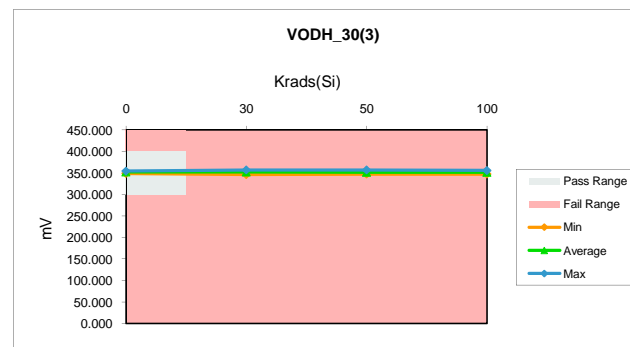
TID HDR Report
SN55LVCP22-SP

VODH_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	400	400
Min Limit	300	300

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	347.237	347.001	0.236	0.07%	0.24%
30	34	349.698	350.683	-0.985	-0.28%	0.99%
30	35	349.693	353.115	-3.422	-0.98%	3.42%
30	36	353.353	355.546	-2.193	-0.62%	2.19%
30	37	349.697	350.681	-0.984	-0.28%	0.98%
30	38	354.581	356.774	-2.193	-0.62%	2.19%
30	39	354.595	355.571	-0.976	-0.28%	0.98%
30	40	349.696	350.678	-0.982	-0.28%	0.98%
30	41	344.795	345.784	-0.989	-0.29%	0.99%
30	42	353.371	354.348	-0.977	-0.28%	0.98%
50	43	353.352	356.766	-3.414	-0.97%	3.41%
50	44	344.806	348.238	-3.432	-1.00%	3.43%
50	45	349.691	351.891	-2.200	-0.63%	2.20%
50	46	348.478	349.463	-0.985	-0.28%	0.99%
50	47	348.469	350.673	-2.204	-0.63%	2.20%
50	48	348.464	350.667	-2.203	-0.63%	2.20%
50	49	348.485	350.694	-2.209	-0.63%	2.21%
50	50	352.127	353.102	-0.975	-0.28%	0.97%
50	51	347.249	347.016	0.233	0.07%	0.23%
50	52	353.352	355.544	-2.192	-0.62%	2.19%
100	53	350.917	351.896	-0.979	-0.28%	0.98%
100	54	346.024	347.012	-0.988	-0.29%	0.99%
100	55	353.356	353.110	0.246	0.07%	0.25%
100	56	349.694	349.454	0.240	0.07%	0.24%
100	57	346.017	347.001	-0.984	-0.28%	0.98%
100	58	346.037	348.247	-2.210	-0.64%	2.21%
100	59	354.589	355.566	-0.977	-0.28%	0.98%
100	60	349.694	350.675	-0.981	-0.28%	0.98%
100	61	353.356	355.549	-2.193	-0.62%	2.19%
100	62	353.350	355.543	-2.193	-0.62%	2.19%
0	73	344.792	348.221	-3.429	-0.99%	3.43%
0	74	353.357	354.331	-0.974	-0.28%	0.97%
0	75	352.142	354.339	-2.197	-0.62%	2.20%
Max		354.595	356.774	0.246	0.07%	3.43%
Average		350.137	351.672	-1.535	-0.44%	1.59%
Min		344.792	345.784	-3.432	-1.00%	0.23%
Std Dev		3.144	3.278	1.061	0.30%	0.97%



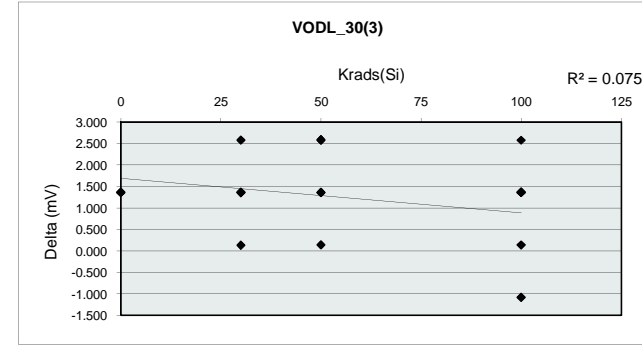
VODH_30(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	400	mV		
Min Limit	300	mV		
Krads(Si)	0	30	50	100
LL	300.000	300.000	300.000	300.000
Min	348.221	345.784	347.016	347.001
Average	352.297	352.018	351.405	351.405
Max	354.339	356.774	356.766	355.566
UL	400.000	400.000	400.000	400.000



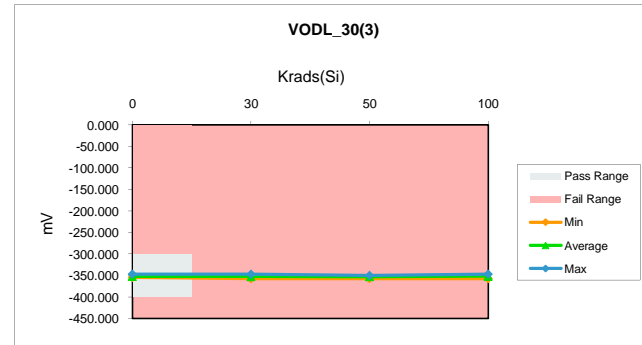
TID HDR Report
SN55LVCP22-SP

VODL_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-300	-300
Min Limit	-400	-400

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-347.055	-348.424	1.369	-0.39%	1.37%
30	34	-350.706	-350.844	0.138	-0.04%	0.14%
30	35	-350.711	-352.071	1.360	-0.39%	1.36%
30	36	-353.162	-354.520	1.358	-0.38%	1.36%
30	37	-349.485	-350.845	1.360	-0.39%	1.36%
30	38	-355.602	-356.952	1.350	-0.38%	1.35%
30	39	-355.588	-355.716	0.128	-0.04%	0.13%
30	40	-349.487	-352.069	2.582	-0.74%	2.58%
30	41	-345.831	-347.201	1.370	-0.40%	1.37%
30	42	-353.145	-355.718	2.573	-0.73%	2.57%
50	43	-354.386	-356.960	2.574	-0.73%	2.57%
50	44	-347.041	-349.627	2.586	-0.75%	2.59%
50	45	-351.937	-353.296	1.359	-0.39%	1.36%
50	46	-349.482	-349.623	0.141	-0.04%	0.14%
50	47	-351.936	-353.293	1.357	-0.39%	1.36%
50	48	-348.273	-350.859	2.586	-0.74%	2.59%
50	49	-350.696	-350.833	0.137	-0.04%	0.14%
50	50	-351.944	-354.523	2.579	-0.73%	2.58%
50	51	-348.265	-349.631	1.366	-0.39%	1.37%
50	52	-355.608	-356.962	1.354	-0.38%	1.35%
100	53	-351.930	-353.290	1.360	-0.39%	1.36%
100	54	-347.046	-348.413	1.367	-0.39%	1.37%
100	55	-354.381	-354.515	0.134	-0.04%	0.13%
100	56	-349.487	-348.411	-1.076	0.31%	1.08%
100	57	-345.831	-347.203	1.372	-0.40%	1.37%
100	58	-347.034	-348.399	1.365	-0.39%	1.36%
100	59	-353.150	-354.501	1.351	-0.38%	1.35%
100	60	-350.710	-350.851	0.141	-0.04%	0.14%
100	61	-354.383	-353.298	-1.085	0.31%	1.08%
100	62	-354.389	-356.964	2.575	-0.73%	2.57%
0	73	-345.833	-347.205	1.372	-0.40%	1.37%
0	74	-353.158	-354.515	1.357	-0.38%	1.36%
0	75	-353.154	-354.508	1.354	-0.38%	1.35%
Max		-345.831	-347.201	2.586	0.31%	2.59%
Average		-350.934	-352.183	1.249	-0.36%	1.38%
Min		-355.608	-356.964	-1.085	-0.75%	0.13%
Std Dev		3.077	3.131	0.983	0.28%	0.78%



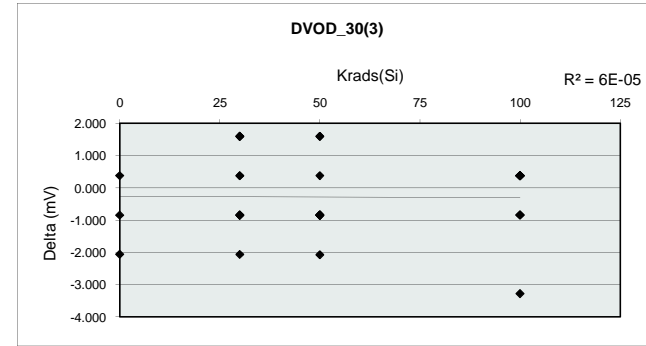
VODL_30(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-300	mV		
Min Limit	-400	mV		
Krads(Si)	0	30	50	100
LL	-400.000	-400.000	-400.000	-400.000
Min	-354.515	-356.952	-356.962	-356.964
Average	-352.076	-352.436	-352.561	-351.585
Max	-347.205	-347.201	-349.623	-347.203
UL	-300.000	-300.000	-300.000	-300.000



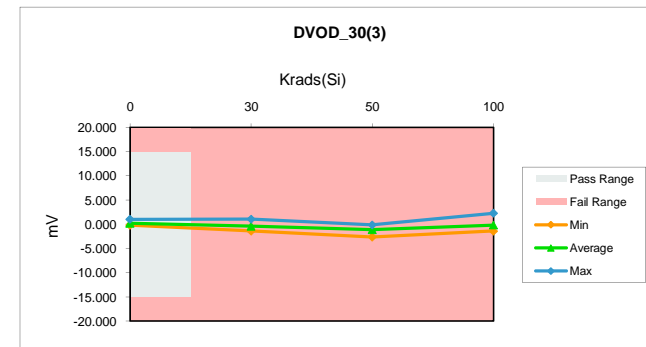
TID HDR Report
SN55LVCP22-SP

DVOD_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.182	-1.423	1.605	880.71%	5.35%
30	34	-1.008	-0.161	-0.847	84.05%	2.82%
30	35	-1.018	1.044	-2.062	202.55%	6.87%
30	36	0.191	1.025	-0.834	-436.39%	2.78%
30	37	0.212	-0.164	0.376	177.14%	1.25%
30	38	-1.020	-0.178	-0.842	82.53%	2.81%
30	39	-0.993	-0.145	-0.848	85.38%	2.83%
30	40	0.209	-1.391	1.600	766.20%	5.33%
30	41	-1.036	-1.418	0.382	-36.87%	1.27%
30	42	0.226	-1.369	1.595	704.42%	5.32%
50	43	-1.034	-0.194	-0.840	81.25%	2.80%
50	44	-2.235	-1.389	-0.846	37.85%	2.82%
50	45	-2.246	-1.405	-0.841	37.44%	2.80%
50	46	-1.004	-0.159	-0.845	84.14%	2.82%
50	47	-3.466	-2.620	-0.846	24.41%	2.82%
50	48	0.191	-0.192	0.384	200.62%	1.28%
50	49	-2.211	-0.139	-2.072	93.72%	6.91%
50	50	0.182	-1.421	1.603	879.61%	5.34%
50	51	-1.017	-2.615	1.598	-157.13%	5.33%
50	52	-2.256	-1.418	-0.838	37.15%	2.79%
100	53	-1.013	-1.394	0.381	-37.61%	1.27%
100	54	-1.022	-1.401	0.379	-37.08%	1.26%
100	55	-1.026	-1.405	0.379	-36.94%	1.26%
100	56	0.207	1.043	-0.836	-402.69%	2.79%
100	57	0.186	-0.202	0.388	208.39%	1.29%
100	58	-0.996	-0.152	-0.845	84.79%	2.82%
100	59	1.439	1.065	0.374	25.99%	1.25%
100	60	-1.016	-0.176	-0.840	82.64%	2.80%
100	61	-1.027	2.251	-3.278	319.18%	10.93%
100	62	-1.039	-1.421	0.382	-36.77%	1.27%
0	73	-1.041	1.016	-2.057	197.60%	6.86%
0	74	0.199	-0.184	0.383	192.74%	1.28%
0	75	-1.012	-0.169	-0.843	83.33%	2.81%
Max	1.439	2.251	1.605	880.71%	10.93%	
Average	-0.797	-0.511	-0.286	135.53%	3.34%	
Min	-3.466	-2.620	-3.278	-436.39%	1.25%	
Std Dev	0.987	1.113	1.186	296.59%	2.25%	



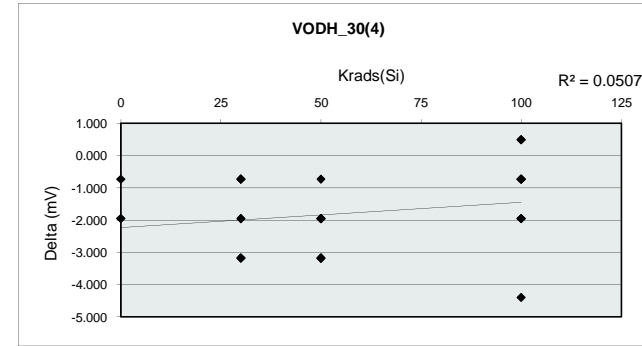
DVOD_30(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.184	-1.423	-2.620	-1.421
Average	0.221	-0.418	-1.155	-0.179
Max	1.016	1.044	-0.139	2.251
UL	15.000	15.000	15.000	15.000



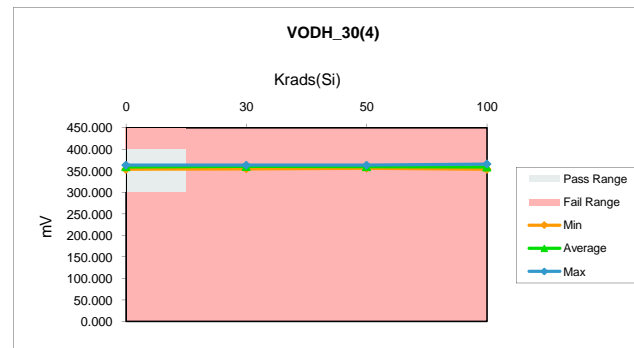
TID HDR Report
SN55LVCP22-SP

VODH_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	400	400
Min Limit	300	300

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	355.009	355.744	-0.735	-0.21%	0.73%
30	34	358.682	361.854	-3.172	-0.88%	3.17%
30	35	358.683	359.412	-0.729	-0.20%	0.73%
30	36	361.130	361.856	-0.726	-0.20%	0.73%
30	37	356.234	359.409	-3.175	-0.89%	3.17%
30	38	361.135	363.080	-1.945	-0.54%	1.94%
30	39	361.134	361.858	-0.724	-0.20%	0.72%
30	40	358.681	361.853	-3.172	-0.88%	3.17%
30	41	352.567	354.524	-1.957	-0.56%	1.96%
30	42	359.909	363.077	-3.168	-0.88%	3.17%
50	43	358.687	360.636	-1.949	-0.54%	1.95%
50	44	353.796	356.971	-3.175	-0.90%	3.18%
50	45	358.684	361.855	-3.171	-0.88%	3.17%
50	46	355.016	356.969	-1.953	-0.55%	1.95%
50	47	357.460	359.411	-1.951	-0.55%	1.95%
50	48	356.236	359.410	-3.174	-0.89%	3.17%
50	49	358.682	360.633	-1.951	-0.54%	1.95%
50	50	359.900	363.072	-3.172	-0.88%	3.17%
50	51	355.023	355.752	-0.729	-0.21%	0.73%
50	52	359.905	361.854	-1.949	-0.54%	1.95%
100	53	358.689	360.637	-1.948	-0.54%	1.95%
100	54	352.571	353.306	-0.735	-0.21%	0.73%
100	55	359.901	359.410	0.491	0.14%	0.49%
100	56	356.241	355.750	0.491	0.14%	0.49%
100	57	356.234	356.967	-0.733	-0.21%	0.73%
100	58	352.573	354.527	-1.954	-0.55%	1.95%
100	59	361.124	365.516	-4.392	-1.22%	4.39%
100	60	357.465	358.193	-0.728	-0.20%	0.73%
100	61	359.909	360.635	-0.726	-0.20%	0.73%
100	62	358.684	360.633	-1.949	-0.54%	1.95%
0	73	352.577	353.309	-0.732	-0.21%	0.73%
0	74	361.129	363.077	-1.948	-0.54%	1.95%
0	75	358.682	360.632	-1.950	-0.54%	1.95%
Max		361.135	365.516	0.491	0.14%	4.39%
Average		357.646	359.449	-1.803	-0.50%	1.86%
Min		352.567	353.306	-4.392	-1.22%	0.49%
Std Dev		2.753	3.151	1.173	0.33%	1.07%



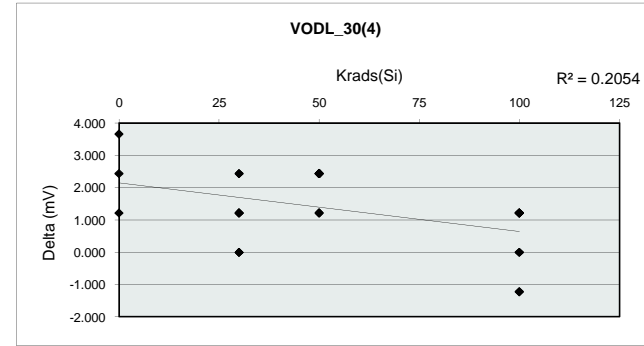
VODH_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	400	mV		
Min Limit	300	mV		
Krads(Si)	0	30	50	100
LL	300.000	300.000	300.000	300.000
Min	353.309	354.524	355.752	353.306
Average	359.006	360.267	359.656	358.557
Max	363.077	363.080	363.072	365.516
UL	400.000	400.000	400.000	400.000



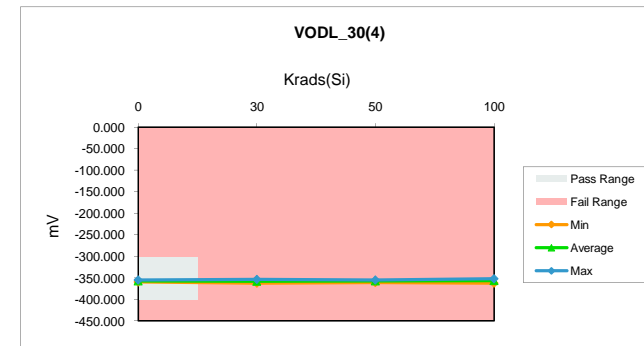
TID HDR Report
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VODL_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-300	-300
Min Limit	-400	-400

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-352.490	-353.703	1.213	-0.34%	1.21%
30	34	-357.371	-358.583	1.212	-0.34%	1.21%
30	35	-357.370	-357.361	-0.009	0.00%	0.01%
30	36	-358.589	-359.802	1.213	-0.34%	1.21%
30	37	-357.375	-357.365	-0.010	0.00%	0.01%
30	38	-359.806	-362.241	2.435	-0.68%	2.43%
30	39	-359.807	-361.021	1.214	-0.34%	1.21%
30	40	-356.150	-357.362	1.212	-0.34%	1.21%
30	41	-351.267	-353.701	2.434	-0.69%	2.43%
30	42	-361.032	-361.022	-0.010	0.00%	0.01%
50	43	-356.144	-358.580	2.436	-0.68%	2.44%
50	44	-352.481	-354.918	2.437	-0.69%	2.44%
50	45	-356.147	-358.582	2.435	-0.68%	2.43%
50	46	-353.706	-354.920	1.214	-0.34%	1.21%
50	47	-353.706	-354.920	1.214	-0.34%	1.21%
50	48	-354.929	-357.363	2.434	-0.69%	2.43%
50	49	-356.149	-357.362	1.213	-0.34%	1.21%
50	50	-358.598	-361.028	2.430	-0.68%	2.43%
50	51	-352.477	-354.916	2.439	-0.69%	2.44%
50	52	-357.371	-359.804	2.433	-0.68%	2.43%
100	53	-358.586	-358.579	-0.007	0.00%	0.01%
100	54	-351.262	-352.478	1.216	-0.35%	1.22%
100	55	-358.595	-357.363	-1.232	0.34%	1.23%
100	56	-354.925	-354.918	-0.007	0.00%	0.01%
100	57	-353.710	-354.922	1.212	-0.34%	1.21%
100	58	-353.704	-352.477	-1.227	0.35%	1.23%
100	59	-361.038	-362.247	1.209	-0.33%	1.21%
100	60	-356.145	-357.359	1.214	-0.34%	1.21%
100	61	-357.365	-358.580	1.215	-0.34%	1.21%
100	62	-357.370	-358.582	1.212	-0.34%	1.21%
0	73	-351.257	-354.917	3.660	-1.04%	3.66%
0	74	-357.368	-359.802	2.434	-0.68%	2.43%
0	75	-356.150	-357.362	1.212	-0.34%	1.21%
Max		-351.257	-352.477	3.660	0.35%	3.66%
Average		-356.074	-357.398	1.324	-0.37%	1.48%
Min		-361.038	-362.247	-1.232	-1.04%	0.01%
Std Dev		2.781	2.686	1.117	0.31%	0.90%



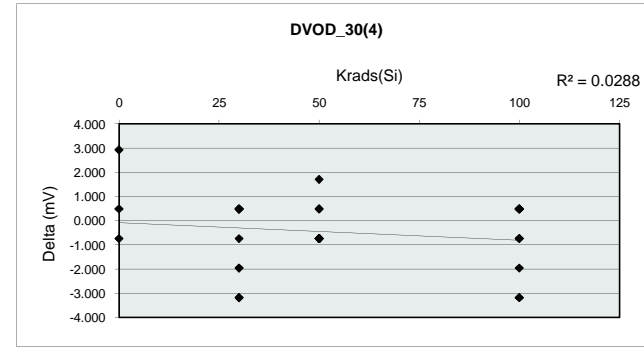
VODL_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-300	mV		
Min Limit	-400	mV		
Krads(Si)	0	30	50	100
LL	-400.000	-400.000	-400.000	-400.000
Min	-359.802	-362.241	-361.028	-362.247
Average	-357.360	-358.216	-357.239	-356.751
Max	-354.917	-353.701	-354.916	-352.477
UL	-300.000	-300.000	-300.000	-300.000



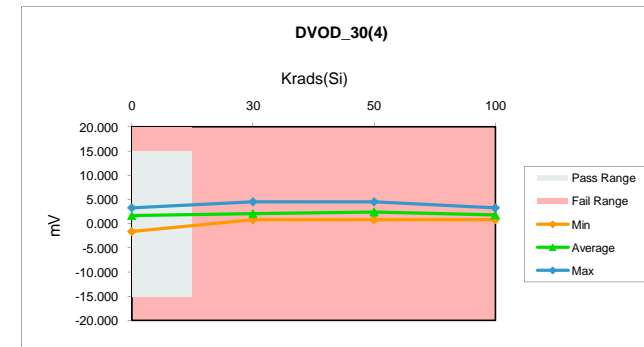
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DVOD_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	2.519	2.042	0.477	18.94%	1.59%
30	34	1.312	3.271	-1.959	-149.31%	6.53%
30	35	1.313	2.051	-0.738	-56.21%	2.46%
30	36	2.541	2.054	0.487	19.17%	1.62%
30	37	-1.141	2.044	-3.185	279.14%	10.62%
30	38	1.330	0.839	0.491	36.94%	1.64%
30	39	1.327	0.837	0.490	36.91%	1.63%
30	40	2.531	4.491	-1.960	-77.44%	6.53%
30	41	1.300	0.823	0.477	36.69%	1.59%
30	42	-1.123	2.055	-3.178	282.99%	10.59%
50	43	2.544	2.056	0.488	19.18%	1.63%
50	44	1.316	2.052	-0.736	-55.93%	2.45%
50	45	2.537	3.272	-0.735	-28.97%	2.45%
50	46	1.310	2.049	-0.739	-56.41%	2.46%
50	47	3.754	4.492	-0.738	-19.66%	2.46%
50	48	1.307	2.047	-0.740	-56.62%	2.47%
50	49	2.533	3.271	-0.738	-29.14%	2.46%
50	50	1.302	2.044	-0.742	-56.99%	2.47%
50	51	2.546	0.836	1.710	67.16%	5.70%
50	52	2.534	2.050	0.484	19.10%	1.61%
100	53	0.102	2.058	-1.956	-1915.61%	6.52%
100	54	1.309	0.828	0.481	36.74%	1.60%
100	55	1.306	2.046	-0.740	-56.66%	2.47%
100	56	1.316	0.831	0.485	36.82%	1.62%
100	57	2.524	2.045	0.479	18.98%	1.60%
100	58	-1.131	2.050	-3.181	281.26%	10.60%
100	59	0.086	3.269	-3.183	-3685.01%	10.61%
100	60	1.320	0.833	0.487	36.87%	1.62%
100	61	2.544	2.055	0.489	19.22%	1.63%
100	62	1.314	2.050	-0.736	-56.01%	2.45%
0	73	1.320	-1.608	2.928	221.82%	9.76%
0	74	3.761	3.274	0.487	12.95%	1.62%
0	75	2.532	3.270	-0.738	-29.15%	2.46%
	Max	3.761	4.492	2.928	282.99%	10.62%
	Average	1.573	2.051	-0.478	-146.92%	3.80%
	Min	-1.141	-1.608	-3.185	-3685.01%	1.59%
	Std Dev	1.213	1.181	1.425	726.54%	3.20%



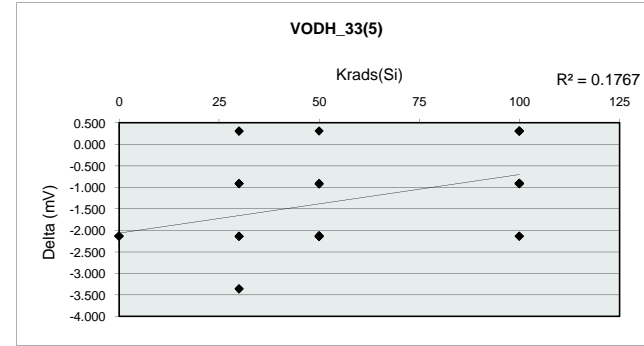
DVOD_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-1.608	0.823	0.836	0.828
Average	1.645	2.051	2.417	1.807
Max	3.274	4.491	4.492	3.269
UL	15.000	15.000	15.000	15.000



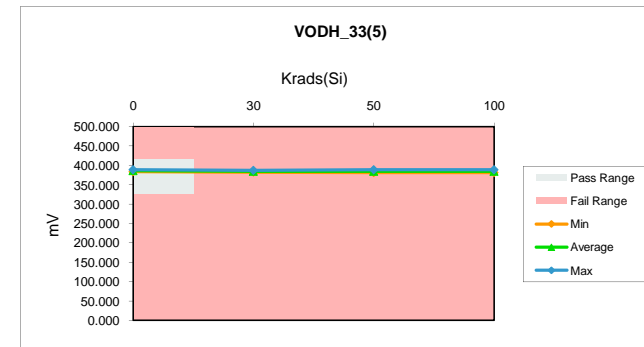
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VODH_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	383.894	384.806	-0.912	-0.24%	1.01%
30	34	382.687	383.606	-0.919	-0.24%	1.02%
30	35	383.903	383.597	0.306	0.08%	0.34%
30	36	382.674	384.808	-2.134	-0.56%	2.37%
30	37	382.686	382.384	0.302	0.08%	0.34%
30	38	383.901	387.256	-3.355	-0.87%	3.73%
30	39	385.138	386.052	-0.914	-0.24%	1.02%
30	40	381.461	383.600	-2.139	-0.56%	2.38%
30	41	380.229	383.589	-3.360	-0.88%	3.73%
30	42	382.691	384.830	-2.139	-0.56%	2.38%
50	43	385.116	386.026	-0.910	-0.24%	1.01%
50	44	381.463	383.603	-2.140	-0.56%	2.38%
50	45	381.454	383.592	-2.138	-0.56%	2.38%
50	46	385.133	384.827	0.306	0.08%	0.34%
50	47	383.901	386.035	-2.134	-0.56%	2.37%
50	48	380.230	382.370	-2.140	-0.56%	2.38%
50	49	382.697	383.619	-0.922	-0.24%	1.02%
50	50	386.338	388.464	-2.126	-0.55%	2.36%
50	51	380.238	381.160	-0.922	-0.24%	1.02%
50	52	382.672	384.805	-2.133	-0.56%	2.37%
100	53	386.350	387.259	-0.909	-0.24%	1.01%
100	54	381.458	381.158	0.300	0.08%	0.33%
100	55	385.122	384.813	0.309	0.08%	0.34%
100	56	381.461	381.158	0.303	0.08%	0.34%
100	57	382.672	382.365	0.307	0.08%	0.34%
100	58	381.472	382.393	-0.921	-0.24%	1.02%
100	59	385.132	386.046	-0.914	-0.24%	1.02%
100	60	381.461	383.598	-2.137	-0.56%	2.37%
100	61	382.676	384.811	-2.135	-0.56%	2.37%
100	62	387.560	388.464	-0.904	-0.23%	1.00%
0	73	381.449	383.586	-2.137	-0.56%	2.37%
0	74	383.900	386.034	-2.134	-0.56%	2.37%
0	75	386.352	388.483	-2.131	-0.55%	2.37%
	Max	387.560	388.483	0.309	0.08%	3.73%
	Average	383.199	384.521	-1.322	-0.35%	1.61%
	Min	380.229	381.158	-3.360	-0.88%	0.33%
	Std Dev	1.957	2.045	1.086	0.28%	1.00%



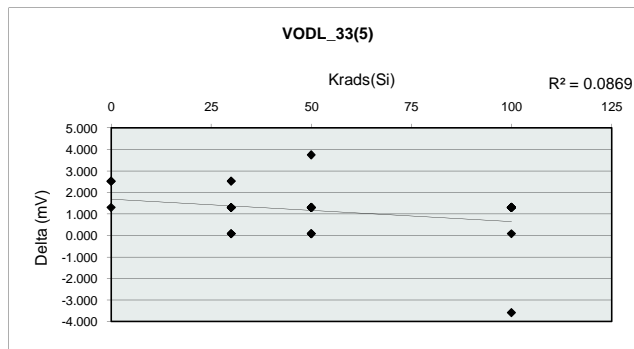
VODH_33(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	383.586	382.384	381.160	381.158
Average	386.034	384.453	384.450	384.207
Max	388.483	387.256	388.464	388.464
UL	415.000	415.000	415.000	415.000



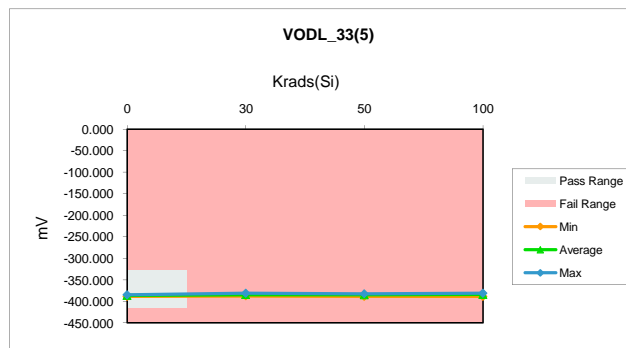
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VODL_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-384.962	-385.043	0.081	-0.02%	0.09%
30	34	-382.501	-383.803	1.302	-0.34%	1.45%
30	35	-383.729	-383.811	0.082	-0.02%	0.09%
30	36	-383.737	-385.040	1.303	-0.34%	1.45%
30	37	-381.280	-381.364	0.084	-0.02%	0.09%
30	38	-386.176	-387.473	1.297	-0.34%	1.44%
30	39	-386.163	-387.456	1.293	-0.33%	1.44%
30	40	-382.506	-385.028	2.522	-0.66%	2.80%
30	41	-381.294	-383.820	2.526	-0.66%	2.81%
30	42	-381.274	-382.577	1.303	-0.34%	1.45%
50	43	-384.962	-386.262	1.300	-0.34%	1.44%
50	44	-381.281	-385.025	3.744	-0.98%	4.16%
50	45	-383.734	-383.816	0.082	-0.02%	0.09%
50	46	-382.500	-383.801	1.301	-0.34%	1.45%
50	47	-386.176	-387.473	1.297	-0.34%	1.44%
50	48	-382.514	-383.819	1.305	-0.34%	1.45%
50	49	-383.713	-385.010	1.297	-0.34%	1.44%
50	50	-387.408	-388.704	1.296	-0.33%	1.44%
50	51	-382.506	-382.589	0.083	-0.02%	0.09%
50	52	-384.961	-385.043	0.082	-0.02%	0.09%
100	53	-386.172	-387.469	1.297	-0.34%	1.44%
100	54	-381.286	-382.590	1.304	-0.34%	1.45%
100	55	-387.401	-383.816	-3.585	0.93%	3.98%
100	56	-381.283	-382.590	1.307	-0.34%	1.45%
100	57	-382.515	-383.822	1.307	-0.34%	1.45%
100	58	-381.273	-381.355	0.082	-0.02%	0.09%
100	59	-383.724	-385.022	1.298	-0.34%	1.44%
100	60	-382.506	-383.811	1.305	-0.34%	1.45%
100	61	-383.736	-385.038	1.302	-0.34%	1.45%
100	62	-387.408	-388.705	1.297	-0.33%	1.44%
0	73	-382.518	-385.043	2.525	-0.66%	2.81%
0	74	-384.956	-386.256	1.300	-0.34%	1.44%
0	75	-386.172	-388.686	2.514	-0.65%	2.79%
	Max	-381.273	-381.355	3.744	0.93%	4.16%
	Average	-383.767	-384.884	1.116	-0.29%	1.48%
	Min	-387.408	-388.705	-3.585	-0.98%	0.09%
	Std Dev	2.018	2.020	1.187	0.31%	1.03%



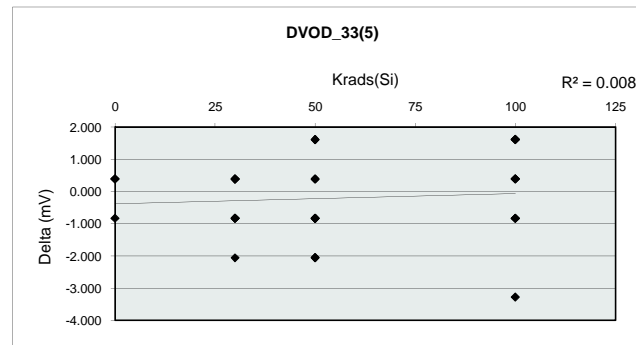
VODL_33(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-388.686	-387.473	-388.704	-388.705
Average	-386.662	-384.542	-385.154	-384.422
Max	-385.043	-381.364	-382.589	-381.355
UL	-325.000	-325.000	-325.000	-325.000



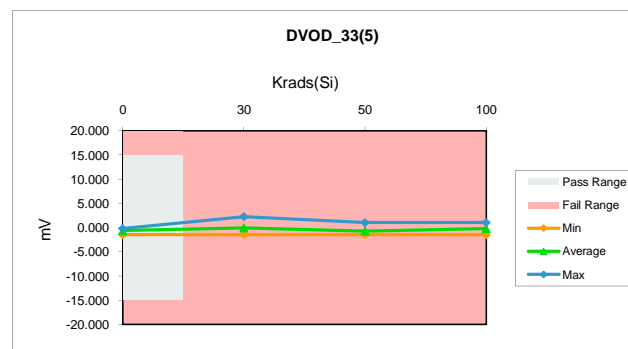
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DVOD_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-1.068	-0.236	-0.832	77.87%	2.77%
30	34	0.186	-0.197	0.383	205.90%	1.28%
30	35	0.173	-0.214	0.387	223.60%	1.29%
30	36	-1.063	-0.232	-0.831	78.22%	2.77%
30	37	1.406	1.019	0.387	27.52%	1.29%
30	38	-2.275	-0.217	-2.058	90.45%	6.86%
30	39	-1.024	-1.404	0.380	-37.11%	1.27%
30	40	-1.046	-1.429	0.383	-36.62%	1.28%
30	41	-1.065	-0.232	-0.833	78.26%	2.78%
30	42	1.417	2.253	-0.836	-59.00%	2.79%
50	43	0.153	-0.236	0.390	254.08%	1.30%
50	44	0.182	-1.422	1.604	880.67%	5.35%
50	45	-2.280	-0.224	-2.056	90.19%	6.85%
50	46	2.633	1.025	1.608	61.07%	5.36%
50	47	-2.275	-1.438	-0.837	36.79%	2.79%
50	48	-2.284	-1.449	-0.835	36.56%	2.78%
50	49	-1.015	-1.391	0.376	-37.04%	1.25%
50	50	-1.071	-0.239	-0.832	77.66%	2.77%
50	51	-2.269	-1.429	-0.840	37.02%	2.80%
50	52	-2.289	-0.238	-2.051	89.62%	6.84%
100	53	0.178	-0.209	0.388	217.41%	1.29%
100	54	0.172	-1.432	1.604	931.89%	5.35%
100	55	-2.279	0.997	-3.276	143.75%	10.92%
100	56	0.177	-1.432	1.609	908.65%	5.36%
100	57	0.157	-1.457	1.614	1027.68%	5.38%
100	58	0.199	1.038	-0.839	-422.65%	2.80%
100	59	1.408	1.024	0.384	27.27%	1.28%
100	60	-1.046	-0.213	-0.833	79.67%	2.78%
100	61	-1.060	-0.227	-0.833	78.62%	2.78%
100	62	0.152	-0.241	0.393	258.51%	1.31%
0	73	-1.068	-1.457	0.389	-36.42%	1.30%
0	74	-1.056	-0.222	-0.834	78.97%	2.78%
0	75	0.181	-0.203	0.384	212.29%	1.28%
Max	2.633	2.253	1.614	1027.68%	10.92%	
Average	-0.568	-0.363	-0.206	172.16%	3.24%	
Min	-2.289	-1.457	-3.276	-422.65%	1.25%	
Std Dev	1.264	0.957	1.187	313.68%	2.30%	



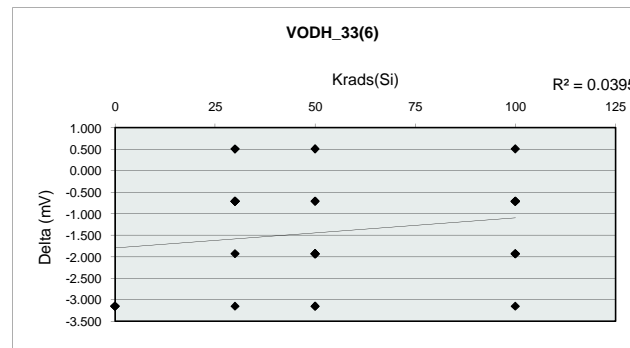
DVOD_33(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-1.457	-1.429	-1.449	-1.457
Average	-0.627	-0.089	-0.704	-0.215
Max	-0.203	2.253	1.025	1.038
UL	15.000	15.000	15.000	15.000



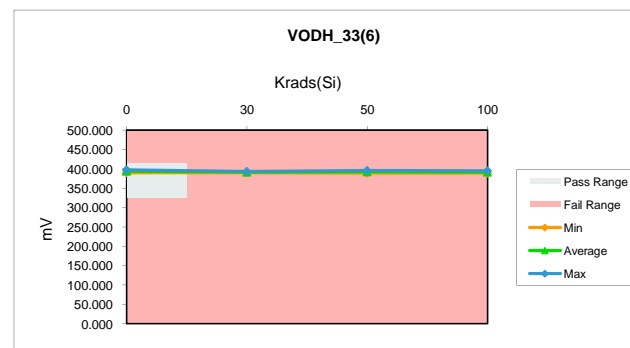
TID HDR Report
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VODH_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	392.881	392.372	0.509	0.13%	0.57%
30	34	391.666	392.376	-0.710	-0.18%	0.79%
30	35	389.223	389.934	-0.711	-0.18%	0.79%
30	36	391.670	393.599	-1.929	-0.49%	2.14%
30	37	390.440	389.931	0.509	0.13%	0.57%
30	38	389.231	389.939	-0.708	-0.18%	0.79%
30	39	390.451	391.159	-0.708	-0.18%	0.79%
30	40	392.886	393.596	-0.710	-0.18%	0.79%
30	41	389.217	389.931	-0.714	-0.18%	0.79%
30	42	389.227	392.378	-3.151	-0.81%	3.50%
50	43	389.227	391.158	-1.931	-0.50%	2.15%
50	44	388.003	391.156	-3.153	-0.81%	3.50%
50	45	391.667	394.819	-3.152	-0.80%	3.50%
50	46	389.222	391.155	-1.933	-0.50%	2.15%
50	47	391.666	392.376	-0.710	-0.18%	0.79%
50	48	389.220	391.154	-1.934	-0.50%	2.15%
50	49	395.333	396.040	-0.707	-0.18%	0.79%
50	50	394.105	396.037	-1.932	-0.49%	2.15%
50	51	386.785	388.717	-1.932	-0.50%	2.15%
50	52	390.444	389.934	0.510	0.13%	0.57%
100	53	392.895	394.822	-1.927	-0.49%	2.14%
100	54	386.778	388.713	-1.935	-0.50%	2.15%
100	55	392.884	392.374	0.510	0.13%	0.57%
100	56	389.225	389.936	-0.711	-0.18%	0.79%
100	57	391.662	392.373	-0.711	-0.18%	0.79%
100	58	388.001	388.713	-0.712	-0.18%	0.79%
100	59	391.664	394.817	-3.153	-0.81%	3.50%
100	60	390.449	391.157	-0.708	-0.18%	0.79%
100	61	389.227	389.936	-0.709	-0.18%	0.79%
100	62	392.889	394.819	-1.930	-0.49%	2.14%
0	73	386.783	389.937	-3.154	-0.82%	3.50%
0	74	392.891	396.041	-3.150	-0.80%	3.50%
0	75	394.110	397.260	-3.150	-0.80%	3.50%
Max		395.333	397.260	0.510	0.13%	3.50%
Average		390.667	392.081	-1.413	-0.36%	1.71%
Min		386.778	388.713	-3.154	-0.82%	0.57%
Std Dev		2.232	2.404	1.183	0.30%	1.12%



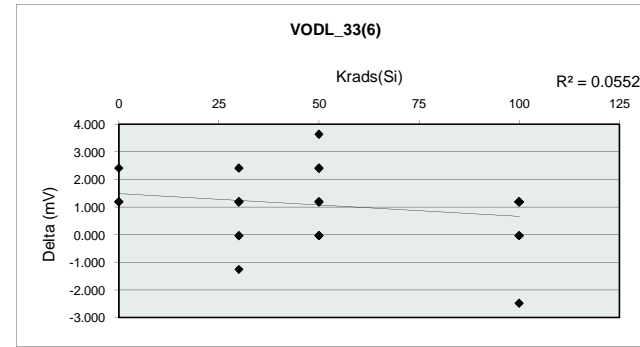
VODH_33(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	389.937	389.931	388.717	388.713
Average	394.413	391.522	392.255	391.766
Max	397.260	393.599	396.040	394.822
UL	415.000	415.000	415.000	415.000



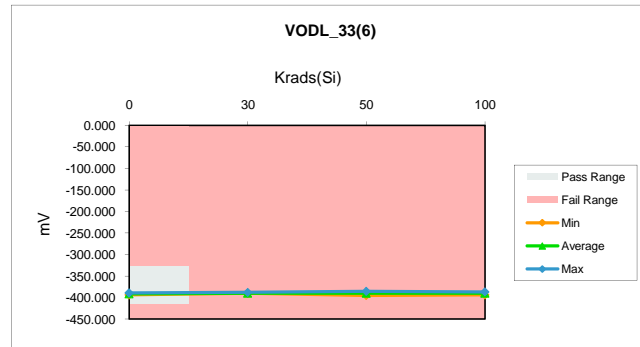
TID HDR Report
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VODL_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-390.378	-390.339	-0.039	0.01%	0.04%
30	34	-389.149	-390.335	1.186	-0.30%	1.32%
30	35	-387.927	-389.114	1.187	-0.31%	1.32%
30	36	-389.145	-390.334	1.189	-0.31%	1.32%
30	37	-387.932	-390.338	2.406	-0.62%	2.67%
30	38	-386.697	-387.888	1.191	-0.31%	1.32%
30	39	-391.586	-390.331	-1.255	0.32%	1.39%
30	40	-390.374	-390.337	-0.037	0.01%	0.04%
30	41	-386.711	-389.117	2.406	-0.62%	2.67%
30	42	-387.923	-389.112	1.189	-0.31%	1.32%
50	43	-386.701	-387.890	1.189	-0.31%	1.32%
50	44	-386.703	-390.334	3.631	-0.94%	4.03%
50	45	-389.148	-391.556	2.408	-0.62%	2.68%
50	46	-387.928	-389.114	1.186	-0.31%	1.32%
50	47	-386.706	-389.114	2.408	-0.62%	2.68%
50	48	-389.152	-389.115	-0.037	0.01%	0.04%
50	49	-391.592	-392.777	1.185	-0.30%	1.32%
50	50	-392.820	-395.223	2.403	-0.61%	2.67%
50	51	-385.477	-385.447	-0.030	0.01%	0.03%
50	52	-387.928	-387.893	-0.035	0.01%	0.04%
100	53	-394.030	-393.994	-0.036	0.01%	0.04%
100	54	-385.484	-386.672	1.188	-0.31%	1.32%
100	55	-391.597	-389.116	-2.481	0.63%	2.76%
100	56	-387.924	-389.113	1.189	-0.31%	1.32%
100	57	-389.153	-390.338	1.185	-0.30%	1.32%
100	58	-386.705	-386.672	-0.033	0.01%	0.04%
100	59	-391.595	-392.779	1.184	-0.30%	1.32%
100	60	-387.922	-389.112	1.190	-0.31%	1.32%
100	61	-386.700	-387.891	1.191	-0.31%	1.32%
100	62	-390.371	-391.556	1.185	-0.30%	1.32%
0	73	-387.922	-389.111	1.189	-0.31%	1.32%
0	74	-390.370	-391.555	1.185	-0.30%	1.32%
0	75	-391.594	-393.999	2.405	-0.61%	2.67%
Max		-385.477	-385.447	3.631	0.63%	4.03%
Average		-388.889	-389.928	1.039	-0.27%	1.42%
Min		-394.030	-395.223	-2.481	-0.94%	0.03%
Std Dev		2.177	2.174	1.173	0.30%	0.99%



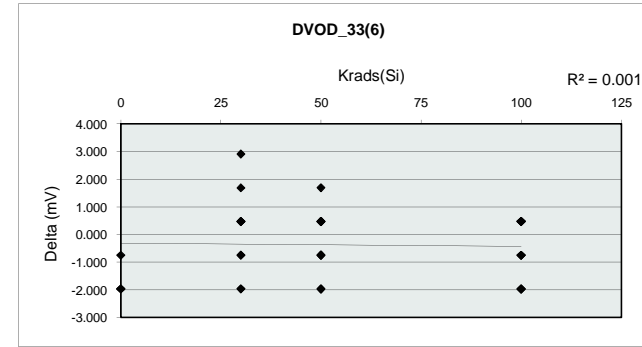
VODL_33(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-393.999	-390.339	-395.223	-393.994
Average	-391.555	-389.725	-389.846	-389.724
Max	-389.111	-387.888	-385.447	-386.672
UL	-325.000	-325.000	-325.000	-325.000



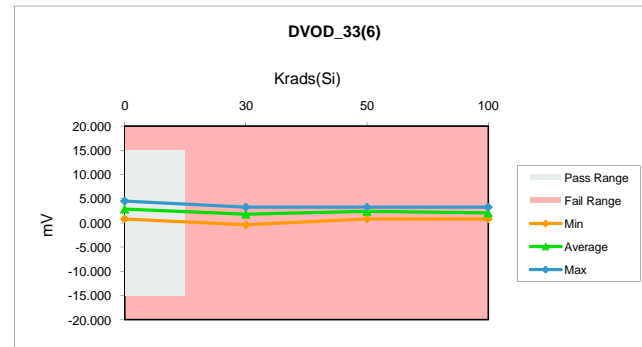
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DVOD_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	2.502	2.033	0.469	18.75%	1.56%
30	34	2.517	2.041	0.476	18.91%	1.59%
30	35	1.296	0.820	0.476	36.72%	1.59%
30	36	2.525	3.266	-0.741	-29.35%	2.47%
30	37	2.508	-0.407	2.915	116.22%	9.72%
30	38	2.534	2.051	0.483	19.06%	1.61%
30	39	-1.135	0.828	-1.963	172.93%	6.54%
30	40	2.512	3.259	-0.747	-29.74%	2.49%
30	41	2.506	0.814	1.692	67.53%	5.64%
30	42	1.304	3.267	-1.963	-150.54%	6.54%
50	43	2.526	3.268	-0.742	-29.37%	2.47%
50	44	1.301	0.823	0.478	36.77%	1.59%
50	45	2.520	3.263	-0.743	-29.48%	2.48%
50	46	1.295	2.041	-0.746	-57.61%	2.49%
50	47	4.960	3.262	1.698	34.23%	5.66%
50	48	0.068	2.038	-1.970	-2901.91%	6.57%
50	49	3.740	3.263	0.477	12.75%	1.59%
50	50	1.285	0.814	0.471	36.62%	1.57%
50	51	1.309	3.270	-1.961	-149.81%	6.54%
50	52	2.516	2.040	0.476	18.92%	1.59%
100	53	-1.135	0.828	-1.963	172.96%	6.54%
100	54	1.294	2.040	-0.746	-57.65%	2.49%
100	55	1.288	3.258	-1.970	-152.95%	6.57%
100	56	1.301	0.823	0.478	36.76%	1.59%
100	57	2.508	2.036	0.472	18.82%	1.57%
100	58	1.296	2.041	-0.745	-57.48%	2.48%
100	59	0.068	2.038	-1.970	-2891.43%	6.57%
100	60	2.527	2.045	0.482	19.07%	1.61%
100	61	2.527	2.046	0.481	19.03%	1.60%
100	62	2.518	3.262	-0.744	-29.55%	2.48%
0	73	-1.139	0.825	-1.964	172.46%	6.55%
0	74	2.521	4.485	-1.964	-77.91%	6.55%
0	75	2.516	3.261	-0.745	-29.61%	2.48%
	Max	4.960	4.485	2.915	172.96%	9.72%
	Average	1.778	2.153	-0.375	-171.09%	3.68%
	Min	-1.139	-0.407	-1.970	-2901.91%	1.56%
	Std Dev	1.327	1.116	1.276	707.60%	2.40%



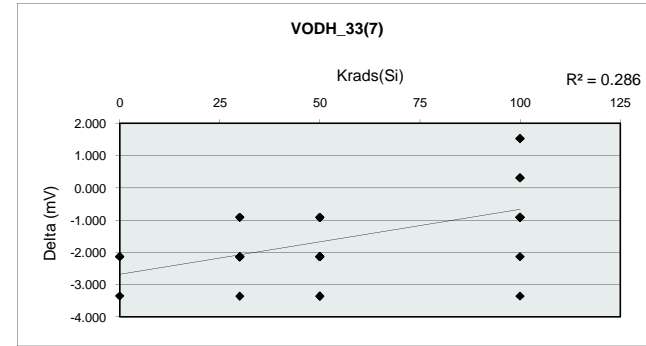
DVOD_33(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	0.825	-0.407	0.814	0.823
Average	2.857	1.797	2.408	2.042
Max	4.485	3.267	3.270	3.262
UL	15.000	15.000	15.000	15.000



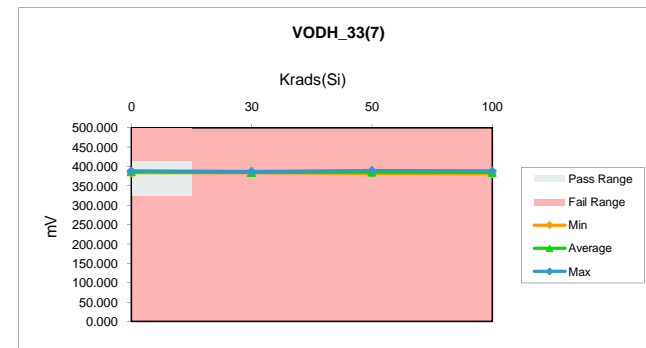
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VODH_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	383.889	384.800	-0.911	-0.24%	1.01%
30	34	381.461	383.601	-2.140	-0.56%	2.38%
30	35	382.676	384.811	-2.135	-0.56%	2.37%
30	36	383.891	384.802	-0.911	-0.24%	1.01%
30	37	381.459	383.598	-2.139	-0.56%	2.38%
30	38	385.119	387.250	-2.131	-0.55%	2.37%
30	39	386.355	387.267	-0.912	-0.24%	1.01%
30	40	381.455	384.814	-3.359	-0.88%	3.73%
30	41	381.447	383.582	-2.135	-0.56%	2.37%
30	42	382.686	384.824	-2.138	-0.56%	2.38%
50	43	385.111	387.240	-2.129	-0.55%	2.37%
50	44	381.458	384.817	-3.359	-0.88%	3.73%
50	45	381.451	384.806	-3.355	-0.88%	3.73%
50	46	383.906	386.042	-2.136	-0.56%	2.37%
50	47	385.119	386.030	-0.911	-0.24%	1.01%
50	48	381.448	383.584	-2.136	-0.56%	2.37%
50	49	383.915	384.833	-0.918	-0.24%	1.02%
50	50	387.554	389.679	-2.125	-0.55%	2.36%
50	51	381.455	382.373	-0.918	-0.24%	1.02%
50	52	382.667	384.799	-2.132	-0.56%	2.37%
100	53	387.568	387.253	0.315	0.08%	0.35%
100	54	381.453	382.371	-0.918	-0.24%	1.02%
100	55	386.339	384.806	1.533	0.40%	1.70%
100	56	382.679	381.152	1.527	0.40%	1.70%
100	57	381.446	383.579	-2.133	-0.56%	2.37%
100	58	381.467	382.387	-0.920	-0.24%	1.02%
100	59	383.905	387.261	-3.356	-0.87%	3.73%
100	60	383.900	383.592	0.308	0.08%	0.34%
100	61	383.894	384.805	-0.911	-0.24%	1.01%
100	62	387.554	388.458	-0.904	-0.23%	1.00%
0	73	381.444	383.579	-2.135	-0.56%	2.37%
0	74	383.895	387.247	-3.352	-0.87%	3.72%
0	75	386.349	388.477	-2.128	-0.55%	2.36%
	Max	387.568	389.679	1.533	0.40%	3.73%
	Average	383.528	385.107	-1.579	-0.41%	2.00%
	Min	381.444	381.152	-3.359	-0.88%	0.34%
	Std Dev	2.060	2.000	1.263	0.33%	1.00%



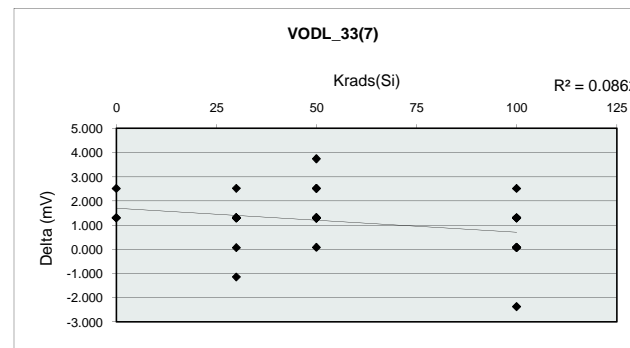
VODH_33(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	383.579	383.582	382.373	381.152
Average	386.434	384.935	385.420	384.566
Max	388.477	387.267	389.679	388.458
UL	415.000	415.000	415.000	415.000



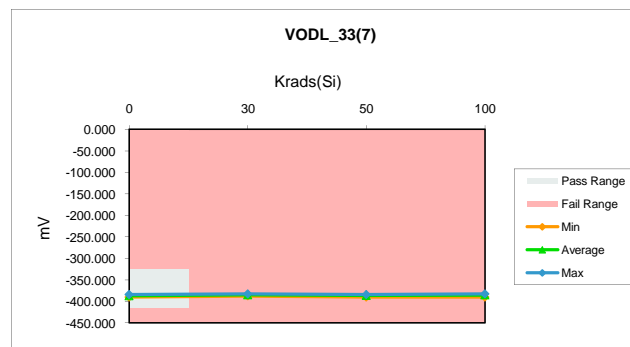
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VODL_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-384.967	-386.268	1.301	-0.34%	1.45%
30	34	-383.728	-385.028	1.300	-0.34%	1.44%
30	35	-384.957	-383.817	-1.140	0.30%	1.27%
30	36	-383.742	-385.046	1.304	-0.34%	1.45%
30	37	-381.285	-382.590	1.305	-0.34%	1.45%
30	38	-386.182	-387.480	1.298	-0.34%	1.44%
30	39	-387.391	-387.462	0.071	-0.02%	0.08%
30	40	-382.511	-385.035	2.524	-0.66%	2.80%
30	41	-382.520	-383.827	1.307	-0.34%	1.45%
30	42	-382.501	-383.803	1.302	-0.34%	1.45%
50	43	-384.967	-387.488	2.521	-0.65%	2.80%
50	44	-382.508	-386.251	3.743	-0.98%	4.16%
50	45	-383.739	-385.043	1.304	-0.34%	1.45%
50	46	-383.727	-385.027	1.300	-0.34%	1.44%
50	47	-386.182	-388.699	2.517	-0.65%	2.80%
50	48	-382.519	-383.823	1.304	-0.34%	1.45%
50	49	-384.940	-386.235	1.295	-0.34%	1.44%
50	50	-388.635	-389.929	1.294	-0.33%	1.44%
50	51	-382.511	-383.816	1.305	-0.34%	1.45%
50	52	-384.966	-385.049	0.083	-0.02%	0.09%
100	53	-387.398	-388.694	1.296	-0.33%	1.44%
100	54	-382.513	-382.596	0.083	-0.02%	0.09%
100	55	-387.406	-385.041	-2.365	0.61%	2.63%
100	56	-381.287	-382.596	1.309	-0.34%	1.45%
100	57	-382.520	-383.828	1.308	-0.34%	1.45%
100	58	-382.500	-382.581	0.081	-0.02%	0.09%
100	59	-386.174	-386.248	0.074	-0.02%	0.08%
100	60	-383.733	-385.036	1.303	-0.34%	1.45%
100	61	-384.962	-385.044	0.082	-0.02%	0.09%
100	62	-387.414	-389.931	2.517	-0.65%	2.80%
0	73	-382.522	-383.828	1.306	-0.34%	1.45%
0	74	-386.183	-387.481	1.298	-0.34%	1.44%
0	75	-387.398	-389.913	2.515	-0.65%	2.79%
Max		-381.285	-382.581	3.743	0.61%	4.16%
Average		-384.439	-385.592	1.153	-0.30%	1.52%
Min		-388.635	-389.931	-2.365	-0.98%	0.08%
Std Dev		2.052	2.182	1.132	0.29%	0.95%



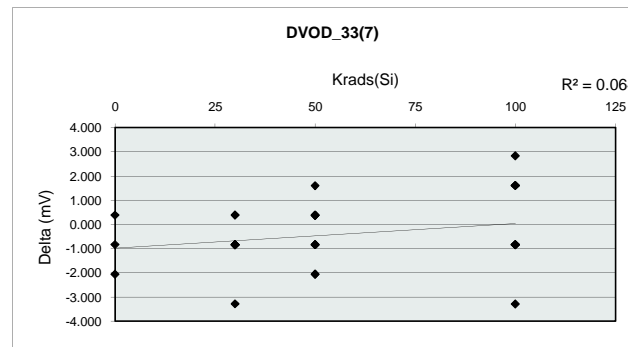
VODL_33(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325	mV		
Min Limit	-415	mV		
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-389.913	-387.480	-389.929	-389.931
Average	-387.074	-385.036	-386.136	-385.160
Max	-383.828	-382.590	-383.816	-382.581
UL	-325.000	-325.000	-325.000	-325.000



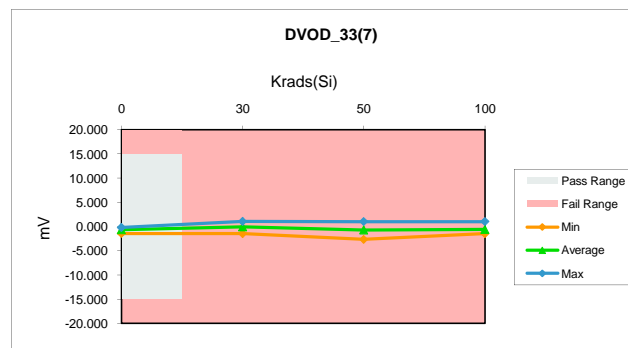
TID HDR Report
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DVOD_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-1.078	-1.468	0.390	-36.18%	1.30%
30	34	-2.268	-1.427	-0.841	37.08%	2.80%
30	35	-2.281	0.994	-3.275	143.58%	10.92%
30	36	0.149	-0.244	0.394	263.45%	1.31%
30	37	0.175	1.008	-0.833	-477.38%	2.78%
30	38	-1.062	-0.230	-0.832	78.36%	2.77%
30	39	-1.036	-0.195	-0.841	81.15%	2.80%
30	40	-1.056	-0.220	-0.836	79.13%	2.79%
30	41	-1.074	-0.244	-0.830	77.26%	2.77%
30	42	0.185	1.021	-0.836	-452.57%	2.79%
50	43	0.143	-0.247	0.390	272.69%	1.30%
50	44	-1.050	-1.433	0.383	-36.48%	1.28%
50	45	-2.289	-0.236	-2.053	89.67%	6.84%
50	46	0.180	1.014	-0.834	-464.44%	2.78%
50	47	-1.062	-2.668	1.606	-151.22%	5.35%
50	48	-1.071	-0.239	-0.832	77.66%	2.77%
50	49	-1.024	-1.402	0.378	-36.91%	1.26%
50	50	-1.081	-0.250	-0.831	76.83%	2.77%
50	51	-1.056	-1.443	0.387	-36.65%	1.29%
50	52	-2.299	-0.250	-2.049	89.11%	6.83%
100	53	0.170	-1.441	1.611	949.77%	5.37%
100	54	-1.060	-0.225	-0.835	78.74%	2.78%
100	55	-1.067	-0.235	-0.832	78.01%	2.77%
100	56	1.391	-1.445	2.836	203.88%	9.45%
100	57	-1.075	-0.249	-0.826	76.85%	2.75%
100	58	-1.033	-0.194	-0.839	81.25%	2.80%
100	59	-2.269	1.013	-3.282	144.65%	10.94%
100	60	0.167	-1.445	1.612	964.90%	5.37%
100	61	-1.068	-0.239	-0.829	77.62%	2.76%
100	62	0.141	-1.473	1.614	1148.04%	5.38%
0	73	-1.077	-0.249	-0.828	76.89%	2.76%
0	74	-2.288	-0.235	-2.053	89.75%	6.84%
0	75	-1.050	-1.437	0.387	-36.86%	1.29%
Max	1.391	1.021	2.836	1148.04%	10.94%	
Average	-0.911	-0.485	-0.426	109.32%	3.84%	
Min	-2.299	-2.668	-3.282	-477.38%	1.26%	
Std Dev	0.905	0.904	1.355	342.81%	2.69%	



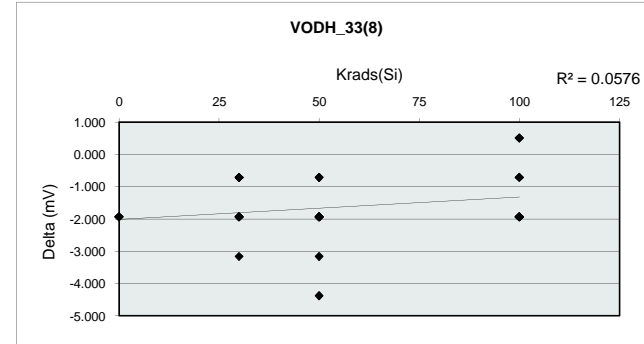
DVOD_33(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-1.437	-1.468	-2.668	-1.473
Average	-0.640	-0.101	-0.716	-0.593
Max	-0.235	1.021	1.014	1.013
UL	15.000	15.000	15.000	15.000



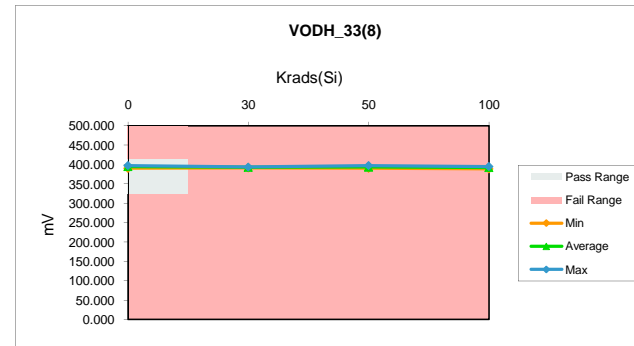
TID HDR Report
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VODH_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	392.879	393.592	-0.713	-0.18%	0.79%
30	34	391.664	393.596	-1.932	-0.49%	2.15%
30	35	390.442	392.375	-1.933	-0.50%	2.15%
30	36	392.890	393.598	-0.708	-0.18%	0.79%
30	37	390.437	391.151	-0.714	-0.18%	0.79%
30	38	389.229	391.159	-1.930	-0.50%	2.14%
30	39	390.449	392.379	-1.930	-0.49%	2.14%
30	40	392.884	393.595	-0.711	-0.18%	0.79%
30	41	389.215	392.372	-3.157	-0.81%	3.51%
30	42	390.446	392.377	-1.931	-0.49%	2.15%
50	43	390.447	391.157	-0.710	-0.18%	0.79%
50	44	389.223	391.155	-1.932	-0.50%	2.15%
50	45	391.665	396.039	-4.374	-1.12%	4.86%
50	46	390.442	392.375	-1.933	-0.50%	2.15%
50	47	391.664	392.375	-0.711	-0.18%	0.79%
50	48	389.218	392.374	-3.156	-0.81%	3.51%
50	49	395.331	397.260	-1.929	-0.49%	2.14%
50	50	395.325	397.257	-1.932	-0.49%	2.15%
50	51	388.005	389.937	-1.932	-0.50%	2.15%
50	52	390.442	392.375	-1.933	-0.50%	2.15%
100	53	394.115	394.821	-0.706	-0.18%	0.78%
100	54	386.776	388.711	-1.935	-0.50%	2.15%
100	55	392.883	392.373	0.510	0.13%	0.57%
100	56	389.223	391.155	-1.932	-0.50%	2.15%
100	57	391.660	393.594	-1.934	-0.49%	2.15%
100	58	387.999	388.712	-0.713	-0.18%	0.79%
100	59	392.883	394.816	-1.933	-0.49%	2.15%
100	60	390.447	392.377	-1.930	-0.49%	2.14%
100	61	390.447	389.935	0.512	0.13%	0.57%
100	62	392.887	394.817	-1.930	-0.49%	2.14%
0	73	388.003	389.936	-1.933	-0.50%	2.15%
0	74	394.111	396.040	-1.929	-0.49%	2.14%
0	75	395.330	397.259	-1.929	-0.49%	2.14%
	Max	395.331	397.260	0.512	0.13%	4.86%
	Average	391.184	392.820	-1.636	-0.42%	1.89%
	Min	386.776	388.711	-4.374	-1.12%	0.57%
	Std Dev	2.243	2.301	0.967	0.25%	0.94%



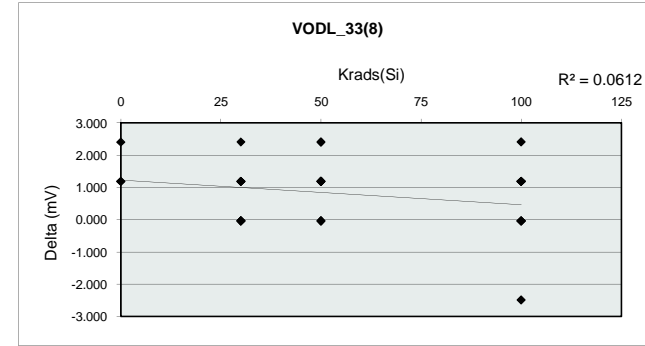
VODH_33(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	389.936	391.151	389.937	388.711
Average	394.412	392.619	393.230	392.131
Max	397.259	393.598	397.260	394.821
UL	415.000	415.000	415.000	415.000



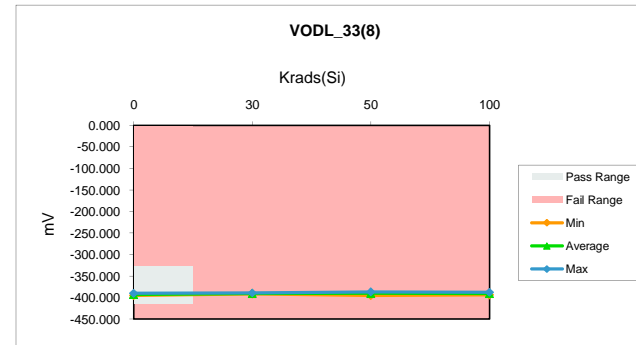
TID HDR Report
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VODL_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-390.380	-390.340	-0.040	0.01%	0.04%
30	34	-390.373	-390.337	-0.036	0.01%	0.04%
30	35	-389.151	-389.115	-0.036	0.01%	0.04%
30	36	-390.370	-391.556	1.186	-0.30%	1.32%
30	37	-389.156	-391.561	2.405	-0.62%	2.67%
30	38	-389.143	-389.111	-0.032	0.01%	0.04%
30	39	-391.588	-391.554	-0.034	0.01%	0.04%
30	40	-390.376	-391.559	1.183	-0.30%	1.31%
30	41	-387.935	-389.118	1.183	-0.30%	1.31%
30	42	-389.147	-390.334	1.187	-0.31%	1.32%
50	43	-387.924	-389.113	1.189	-0.31%	1.32%
50	44	-387.926	-389.114	1.188	-0.31%	1.32%
50	45	-390.372	-391.557	1.185	-0.30%	1.32%
50	46	-389.151	-390.336	1.185	-0.30%	1.32%
50	47	-387.929	-387.895	-0.034	0.01%	0.04%
50	48	-389.153	-391.559	2.406	-0.62%	2.67%
50	49	-392.817	-392.778	-0.039	0.01%	0.04%
50	50	-392.822	-395.224	2.402	-0.61%	2.67%
50	51	-385.478	-386.669	1.191	-0.31%	1.32%
50	52	-389.152	-389.116	-0.036	0.01%	0.04%
100	53	-394.032	-393.996	-0.036	0.01%	0.04%
100	54	-386.708	-387.894	1.186	-0.31%	1.32%
100	55	-392.821	-390.339	-2.482	0.63%	2.76%
100	56	-387.926	-390.335	2.409	-0.62%	2.68%
100	57	-390.378	-390.339	-0.039	0.01%	0.04%
100	58	-387.928	-387.894	-0.034	0.01%	0.04%
100	59	-392.820	-392.780	-0.040	0.01%	0.04%
100	60	-389.147	-390.334	1.187	-0.31%	1.32%
100	61	-387.924	-389.113	1.189	-0.31%	1.32%
100	62	-391.595	-392.778	1.183	-0.30%	1.31%
0	73	-389.147	-390.334	1.187	-0.31%	1.32%
0	74	-391.593	-392.777	1.184	-0.30%	1.32%
0	75	-392.818	-395.221	2.403	-0.61%	2.67%
Max		-385.478	-386.669	2.409	0.63%	2.76%
Average		-389.854	-390.669	0.815	-0.21%	1.10%
Min		-394.032	-395.224	-2.482	-0.62%	0.04%
Std Dev		2.028	2.032	1.035	0.26%	0.96%



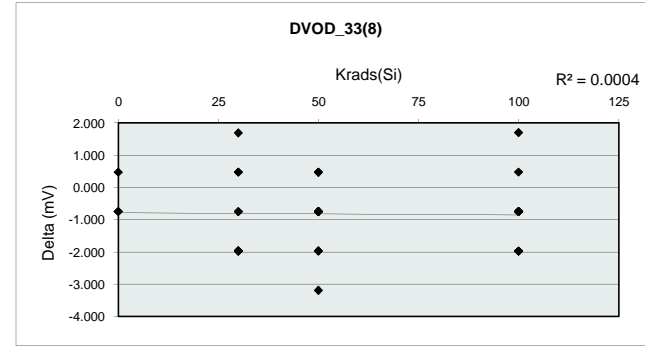
VODL_33(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-395.221	-391.561	-395.224	-393.996
Average	-392.777	-390.459	-390.336	-390.580
Max	-390.334	-389.111	-386.669	-387.894
UL	-325.000	-325.000	-325.000	-325.000



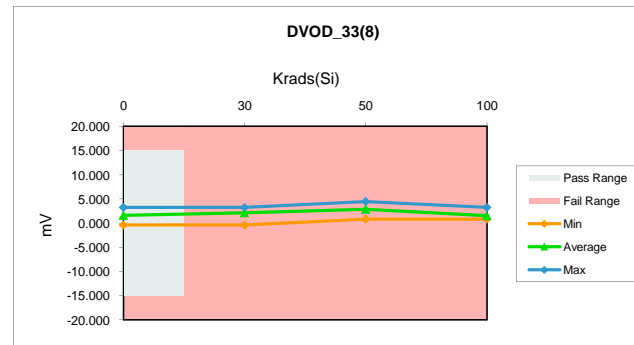
TID HDR Report
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DVOD_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	2.499	3.252	-0.753	-30.13%	2.51%
30	34	1.290	3.259	-1.969	-152.64%	6.56%
30	35	1.292	3.260	-1.968	-152.32%	6.56%
30	36	2.520	2.042	0.478	18.97%	1.59%
30	37	1.281	-0.409	1.690	131.96%	5.63%
30	38	0.086	2.048	-1.962	-2271.28%	6.54%
30	39	-1.138	0.825	-1.963	172.52%	6.54%
30	40	2.508	2.036	0.472	18.82%	1.57%
30	41	1.280	3.254	-1.974	-154.22%	6.58%
30	42	1.299	2.043	-0.744	-57.27%	2.48%
50	43	2.523	2.044	0.479	18.99%	1.60%
50	44	1.297	2.042	-0.745	-57.44%	2.48%
50	45	1.293	4.481	-3.188	-246.56%	10.63%
50	46	1.291	2.038	-0.747	-57.86%	2.49%
50	47	3.735	4.480	-0.745	-19.95%	2.48%
50	48	0.064	0.815	-0.751	-1167.48%	2.50%
50	49	2.514	4.481	-1.967	-78.24%	6.56%
50	50	2.503	2.033	0.470	18.78%	1.57%
50	51	2.526	3.267	-0.741	-29.33%	2.47%
50	52	1.290	3.259	-1.969	-152.64%	6.56%
100	53	0.083	0.826	-0.743	-893.27%	2.48%
100	54	0.068	0.817	-0.749	-1100.69%	2.50%
100	55	0.062	2.034	-1.972	-3193.93%	6.57%
100	56	1.297	0.821	0.476	36.74%	1.59%
100	57	1.282	3.255	-1.973	-153.90%	6.58%
100	58	0.071	0.818	-0.747	-1047.33%	2.49%
100	59	0.064	2.036	-1.972	-3101.36%	6.57%
100	60	1.300	2.043	-0.743	-57.15%	2.48%
100	61	2.523	0.823	1.700	67.40%	5.67%
100	62	1.292	2.039	-0.747	-57.82%	2.49%
0	73	-1.143	-0.398	-0.745	65.19%	2.48%
0	74	2.518	3.262	-0.744	-29.55%	2.48%
0	75	2.512	2.038	0.474	18.87%	1.58%
Max		3.735	4.481	1.700	172.52%	10.63%
Average		1.330	2.150	-0.821	-414.97%	4.00%
Min		-1.143	-0.409	-3.188	-3193.93%	1.57%
Std Dev		1.161	1.271	1.140	866.53%	2.39%



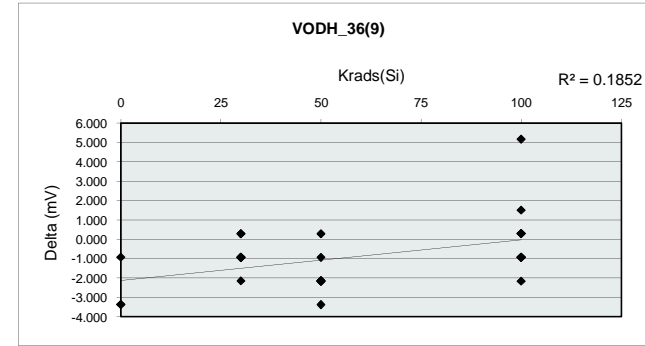
DVOD_33(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.398	-0.409	0.815	0.817
Average	1.634	2.161	2.894	1.551
Max	3.262	3.260	4.481	3.255
UL	15.000	15.000	15.000	15.000



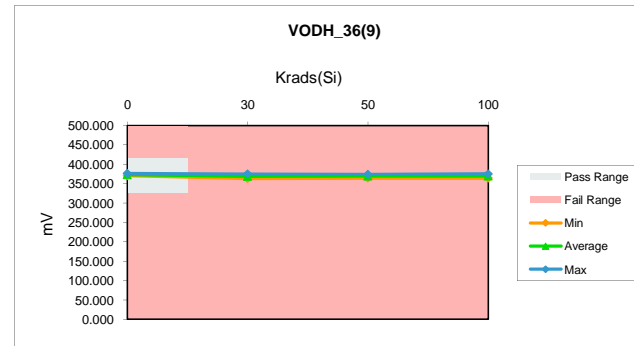
TID HDR Report
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VODH_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	374.100	375.027	-0.927	-0.25%	1.03%
30	34	366.781	366.506	0.275	0.07%	0.31%
30	35	369.218	368.935	0.283	0.08%	0.31%
30	36	366.766	366.486	0.280	0.08%	0.31%
30	37	364.334	365.282	-0.948	-0.26%	1.05%
30	38	365.549	366.494	-0.945	-0.26%	1.05%
30	39	368.009	368.951	-0.942	-0.26%	1.05%
30	40	369.221	371.379	-2.158	-0.58%	2.40%
30	41	372.878	373.808	-0.930	-0.25%	1.03%
30	42	361.894	362.847	-0.953	-0.26%	1.06%
50	43	366.763	368.925	-2.162	-0.59%	2.40%
50	44	368.001	371.383	-3.382	-0.92%	3.76%
50	45	361.881	364.051	-2.170	-0.60%	2.41%
50	46	371.672	373.827	-2.155	-0.58%	2.39%
50	47	369.217	371.374	-2.157	-0.58%	2.40%
50	48	365.547	366.489	-0.942	-0.26%	1.05%
50	49	366.791	368.959	-2.168	-0.59%	2.41%
50	50	371.652	373.803	-2.151	-0.58%	2.39%
50	51	366.776	368.939	-2.163	-0.59%	2.40%
50	52	365.542	365.264	0.278	0.08%	0.31%
100	53	374.110	375.038	-0.928	-0.25%	1.03%
100	54	369.219	368.939	0.280	0.08%	0.31%
100	55	369.214	364.051	5.163	1.40%	5.74%
100	56	363.109	365.278	-2.169	-0.60%	2.41%
100	57	375.323	375.026	0.297	0.08%	0.33%
100	58	368.010	366.514	1.496	0.41%	1.66%
100	59	368.001	368.945	-0.944	-0.26%	1.05%
100	60	369.221	370.158	-0.937	-0.25%	1.04%
100	61	365.547	366.489	-0.942	-0.26%	1.05%
100	62	374.096	373.802	0.294	0.08%	0.33%
0	73	371.655	372.587	-0.932	-0.25%	1.04%
0	74	366.771	370.152	-3.381	-0.92%	3.76%
0	75	372.890	376.262	-3.372	-0.90%	3.75%
	Max	375.323	376.262	5.163	1.40%	5.74%
	Average	368.478	369.454	-0.976	-0.27%	1.67%
	Min	361.881	362.847	-3.382	-0.92%	0.31%
	Std Dev	3.535	3.734	1.629	0.44%	1.27%



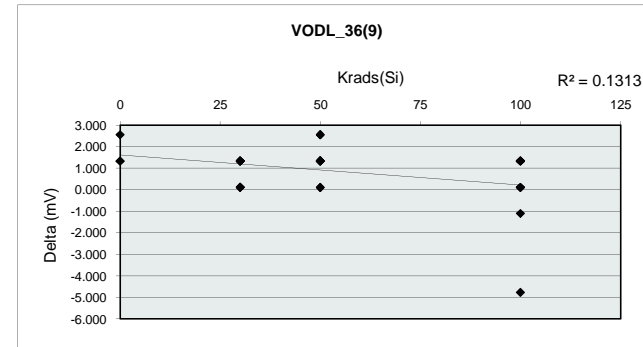
VODH_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	370.152	362.847	364.051	364.051
Average	373.000	368.572	369.301	369.424
Max	376.262	375.027	373.827	375.038
UL	415.000	415.000	415.000	415.000



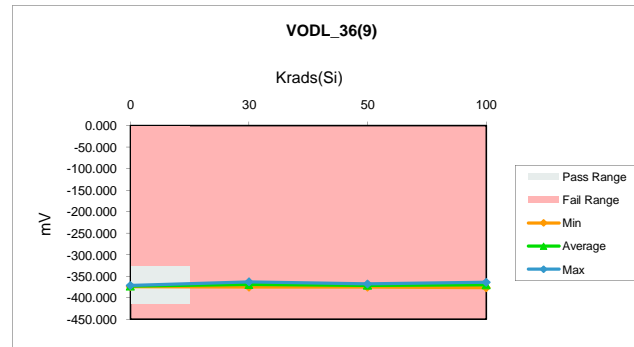
TID HDR Report
SN55LVCP22-SP

VODL_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-375.199	-375.301	0.102	-0.03%	0.11%
30	34	-367.849	-369.181	1.332	-0.36%	1.48%
30	35	-369.079	-370.412	1.333	-0.36%	1.48%
30	36	-366.642	-366.760	0.118	-0.03%	0.13%
30	37	-364.184	-364.304	0.120	-0.03%	0.13%
30	38	-366.637	-367.974	1.337	-0.36%	1.49%
30	39	-369.066	-369.177	0.111	-0.03%	0.12%
30	40	-372.744	-374.069	1.325	-0.36%	1.47%
30	41	-373.976	-375.299	1.323	-0.35%	1.47%
30	42	-361.735	-363.079	1.344	-0.37%	1.49%
50	43	-369.089	-370.422	1.333	-0.36%	1.48%
50	44	-370.296	-372.844	2.548	-0.69%	2.83%
50	45	-366.638	-367.976	1.338	-0.36%	1.49%
50	46	-371.515	-372.841	1.326	-0.36%	1.47%
50	47	-375.193	-375.293	0.100	-0.03%	0.11%
50	48	-366.639	-369.197	2.558	-0.70%	2.84%
50	49	-370.283	-370.388	0.105	-0.03%	0.12%
50	50	-372.757	-374.085	1.328	-0.36%	1.48%
50	51	-370.299	-371.629	1.330	-0.36%	1.48%
50	52	-366.643	-367.984	1.341	-0.37%	1.49%
100	53	-373.964	-375.289	1.325	-0.35%	1.47%
100	54	-370.301	-371.629	1.328	-0.36%	1.48%
100	55	-371.527	-366.755	-4.772	1.28%	5.30%
100	56	-365.409	-366.749	1.340	-0.37%	1.49%
100	57	-376.419	-376.522	0.103	-0.03%	0.11%
100	58	-365.397	-364.293	-1.104	0.30%	1.23%
100	59	-367.851	-369.183	1.332	-0.36%	1.48%
100	60	-369.078	-370.410	1.332	-0.36%	1.48%
100	61	-366.639	-366.757	0.118	-0.03%	0.13%
100	62	-375.203	-375.306	0.103	-0.03%	0.11%
0	73	-372.753	-374.080	1.327	-0.36%	1.47%
0	74	-369.083	-371.635	2.552	-0.69%	2.84%
0	75	-372.741	-374.066	1.325	-0.36%	1.47%
	Max	-361.735	-363.079	2.558	1.28%	5.30%
	Average	-369.783	-370.633	0.850	-0.23%	1.34%
	Min	-376.419	-376.522	-4.772	-0.70%	0.11%
	Std Dev	3.593	3.669	1.293	0.35%	1.06%



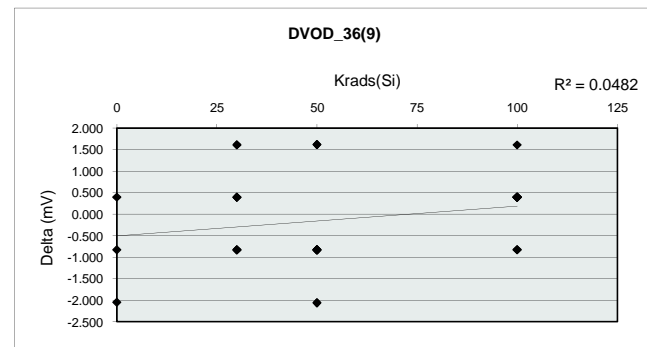
VODL_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-374.080	-375.301	-375.293	-376.522
Average	-373.260	-369.556	-371.266	-370.289
Max	-371.635	-363.079	-367.976	-364.293
UL	-325.000	-325.000	-325.000	-325.000



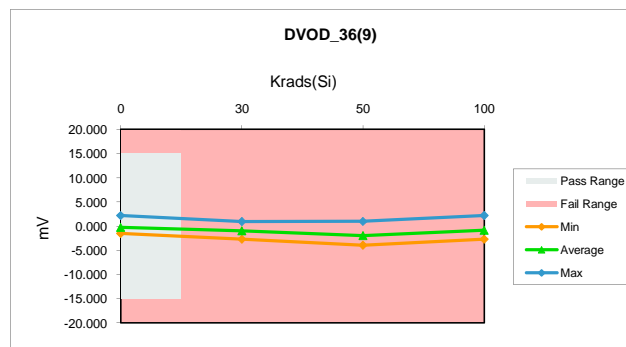
TID HDR Report
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DVOD_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postr	Delta	Delta %	% of Limit Range
30	33	-1.099	-0.274	-0.825	75.06%	2.75%
30	34	-1.069	-2.675	1.606	-150.23%	5.35%
30	35	0.139	-1.476	1.615	1159.16%	5.38%
30	36	0.124	-0.274	0.398	320.35%	1.33%
30	37	0.149	0.978	-0.829	-554.99%	2.76%
30	38	-1.087	-1.481	0.394	-36.25%	1.31%
30	39	-1.057	-0.225	-0.832	78.67%	2.77%
30	40	-3.523	-2.690	-0.833	23.64%	2.78%
30	41	-1.098	-1.492	0.394	-35.88%	1.31%
30	42	0.160	-0.232	0.391	245.14%	1.30%
50	43	-2.326	-1.498	-0.828	35.60%	2.76%
50	44	-2.294	-1.460	-0.834	36.36%	2.78%
50	45	-4.757	-3.925	-0.832	17.49%	2.77%
50	46	0.157	0.986	-0.829	-528.17%	2.76%
50	47	-5.976	-3.919	-2.057	34.42%	6.86%
50	48	-1.092	-2.708	1.616	-147.99%	5.39%
50	49	-3.492	-1.429	-2.063	59.08%	6.88%
50	50	-1.105	-0.282	-0.823	74.50%	2.74%
50	51	-3.523	-2.691	-0.832	23.62%	2.77%
50	52	-1.101	-2.720	1.619	-147.05%	5.40%
100	53	0.146	-0.250	0.396	271.71%	1.32%
100	54	-1.081	-2.691	1.610	-148.94%	5.37%
100	55	-2.313	-2.705	0.392	-16.95%	1.31%
100	56	-2.299	-1.471	-0.828	36.02%	2.76%
100	57	-1.096	-1.496	0.400	-36.50%	1.33%
100	58	2.613	2.221	0.392	15.00%	1.31%
100	59	0.151	-0.238	0.389	257.91%	1.30%
100	60	0.143	-0.252	0.395	275.94%	1.32%
100	61	-1.092	-0.268	-0.824	75.50%	2.75%
100	62	-1.107	-1.504	0.397	-35.86%	1.32%
0	73	-1.098	-1.493	0.395	-35.97%	1.32%
0	74	-2.312	-1.484	-0.828	35.81%	2.76%
0	75	0.148	2.196	-2.048	-1382.01%	6.83%
Max		2.613	2.221	1.619	1159.16%	6.88%
Average		-1.305	-1.179	-0.126	-3.21%	3.00%
Min		-5.976	-3.925	-2.063	-1382.01%	1.30%
Std Dev		1.661	1.502	1.060	368.66%	1.83%



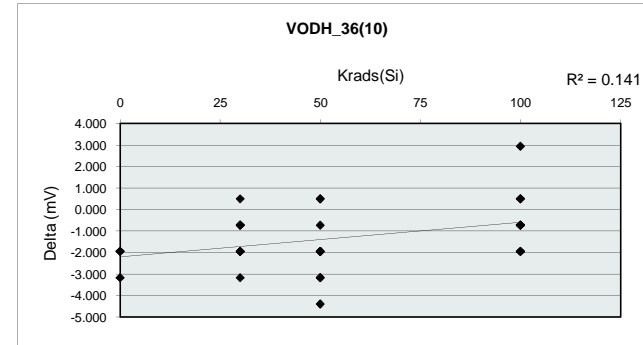
DVOD_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-1.493	-2.690	-3.925	-2.705
Average	-0.260	-0.984	-1.965	-0.865
Max	2.196	0.978	0.986	2.221
UL	15.000	15.000	15.000	15.000



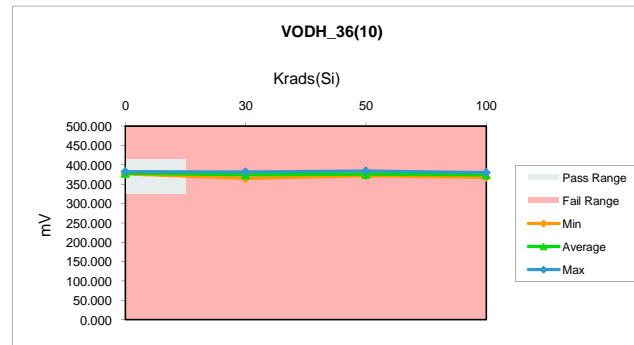
TID HDR Report
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VODH_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	379.431	380.157	-0.726	-0.19%	0.81%
30	34	374.550	374.055	0.495	0.13%	0.55%
30	35	372.108	374.055	-1.947	-0.52%	2.16%
30	36	374.554	375.278	-0.724	-0.19%	0.80%
30	37	372.102	374.052	-1.950	-0.52%	2.17%
30	38	364.783	365.512	-0.729	-0.20%	0.81%
30	39	369.670	370.396	-0.726	-0.20%	0.81%
30	40	379.435	381.380	-1.945	-0.51%	2.16%
30	41	378.212	381.379	-3.167	-0.84%	3.52%
30	42	367.223	369.173	-1.950	-0.53%	2.17%
50	43	372.111	374.058	-1.947	-0.52%	2.16%
50	44	373.332	376.499	-3.167	-0.85%	3.52%
50	45	373.329	377.719	-4.390	-1.18%	4.88%
50	46	374.551	376.498	-1.947	-0.52%	2.16%
50	47	375.772	377.718	-1.946	-0.52%	2.16%
50	48	370.883	371.612	-0.729	-0.20%	0.81%
50	49	380.661	383.825	-3.164	-0.83%	3.52%
50	50	376.990	378.937	-1.947	-0.52%	2.16%
50	51	372.114	371.617	0.497	0.13%	0.55%
50	52	372.106	371.613	0.493	0.13%	0.55%
100	53	377.002	377.723	-0.721	-0.19%	0.80%
100	54	370.885	372.834	-1.949	-0.53%	2.17%
100	55	375.768	372.832	2.936	0.78%	3.26%
100	56	370.888	372.836	-1.948	-0.53%	2.16%
100	57	380.656	380.158	0.498	0.13%	0.55%
100	58	369.664	370.393	-0.729	-0.20%	0.81%
100	59	374.547	375.275	-0.728	-0.19%	0.81%
100	60	374.555	376.500	-1.945	-0.52%	2.16%
100	61	368.446	367.952	0.494	0.13%	0.55%
100	62	376.995	377.718	-0.723	-0.19%	0.80%
0	73	373.334	376.500	-3.166	-0.85%	3.52%
0	74	374.553	376.498	-1.945	-0.52%	2.16%
0	75	380.660	382.603	-1.943	-0.51%	2.16%
Max		380.661	383.825	2.936	0.78%	4.88%
Average		373.996	375.314	-1.318	-0.35%	1.83%
Min		364.783	365.512	-4.390	-1.18%	0.55%
Std Dev		3.923	4.300	1.435	0.38%	1.14%



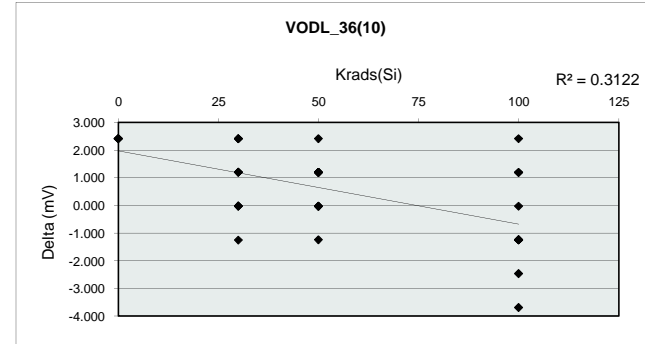
VODH_36(10)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	376.498	365.512	371.612	367.952
Average	378.534	374.544	376.010	374.422
Max	382.603	381.380	383.825	380.158
UL	415.000	415.000	415.000	415.000



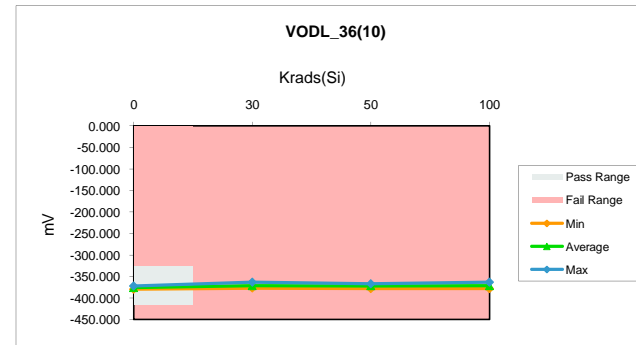
TID HDR Report
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VODL_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-376.946	-375.691	-1.255	0.33%	1.39%
30	34	-372.051	-372.024	-0.027	0.01%	0.03%
30	35	-369.606	-369.582	-0.024	0.01%	0.03%
30	36	-368.382	-369.580	1.198	-0.33%	1.33%
30	37	-369.611	-372.027	2.416	-0.65%	2.68%
30	38	-362.267	-363.472	1.205	-0.33%	1.34%
30	39	-369.600	-370.799	1.199	-0.32%	1.33%
30	40	-373.276	-375.689	2.413	-0.65%	2.68%
30	41	-374.500	-376.911	2.411	-0.64%	2.68%
30	42	-365.937	-365.917	-0.020	0.01%	0.02%
50	43	-367.159	-368.358	1.199	-0.33%	1.33%
50	44	-372.048	-374.464	2.416	-0.65%	2.68%
50	45	-369.606	-370.803	1.197	-0.32%	1.33%
50	46	-373.272	-373.245	-0.027	0.01%	0.03%
50	47	-370.829	-372.024	1.195	-0.32%	1.33%
50	48	-369.609	-370.804	1.195	-0.32%	1.33%
50	49	-376.937	-378.129	1.192	-0.32%	1.32%
50	50	-375.722	-375.690	-0.032	0.01%	0.04%
50	51	-368.378	-367.135	-1.243	0.34%	1.38%
50	52	-368.386	-368.361	-0.025	0.01%	0.03%
100	53	-378.153	-376.904	-1.249	0.33%	1.39%
100	54	-369.607	-368.361	-1.246	0.34%	1.38%
100	55	-374.498	-370.805	-3.693	0.99%	4.10%
100	56	-369.604	-370.801	1.197	-0.32%	1.33%
100	57	-376.942	-378.132	1.190	-0.32%	1.32%
100	58	-369.605	-367.139	-2.466	0.67%	2.74%
100	59	-372.053	-374.468	2.415	-0.65%	2.68%
100	60	-373.268	-372.022	-1.246	0.33%	1.38%
100	61	-364.714	-363.474	-1.240	0.34%	1.38%
100	62	-374.494	-374.466	-0.028	0.01%	0.03%
0	73	-374.489	-376.905	2.416	-0.65%	2.68%
0	74	-369.605	-372.023	2.418	-0.65%	2.69%
0	75	-376.939	-379.351	2.412	-0.64%	2.68%
	Max	-362.267	-363.472	2.418	0.99%	4.10%
	Average	-371.457	-371.987	0.529	-0.14%	1.52%
	Min	-378.153	-379.351	-3.693	-0.65%	0.02%
	Std Dev	3.831	4.147	1.589	0.43%	1.05%



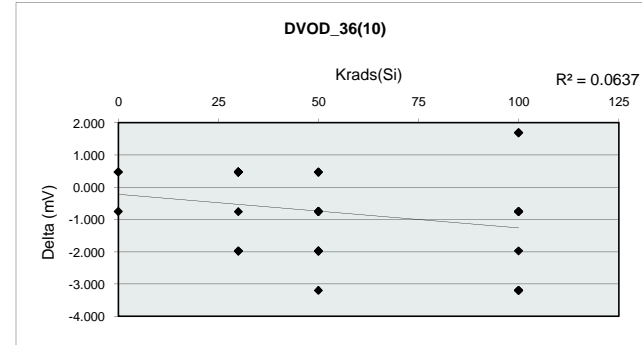
VODL_36(10)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-379.351	-376.911	-378.129	-378.132
Average	-376.093	-371.169	-371.901	-371.657
Max	-372.023	-363.472	-367.135	-363.474
UL	-325.000	-325.000	-325.000	-325.000



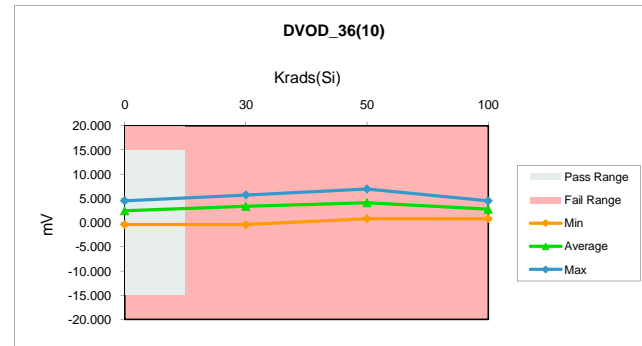
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DVOD_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	2.486	4.466	-1.980	-79.65%	6.60%
30	34	2.499	2.030	0.469	18.77%	1.56%
30	35	2.501	4.473	-1.972	-78.85%	6.57%
30	36	6.172	5.698	0.474	7.68%	1.58%
30	37	2.491	2.025	0.466	18.71%	1.55%
30	38	2.516	2.040	0.476	18.92%	1.59%
30	39	0.070	-0.404	0.474	677.26%	1.58%
30	40	6.160	5.691	0.469	7.61%	1.56%
30	41	3.712	4.468	-0.756	-20.37%	2.52%
30	42	1.286	3.256	-1.970	-153.19%	6.57%
50	43	4.953	5.700	-0.747	-15.08%	2.49%
50	44	1.284	2.035	-0.751	-58.49%	2.50%
50	45	3.723	6.916	-3.193	-85.76%	10.64%
50	46	1.278	3.253	-1.975	-154.54%	6.58%
50	47	4.943	5.694	-0.751	-15.19%	2.50%
50	48	1.274	0.808	0.466	36.61%	1.55%
50	49	3.724	5.696	-1.972	-52.95%	6.57%
50	50	1.268	3.246	-1.978	-155.99%	6.59%
50	51	3.736	4.482	-0.746	-19.97%	2.49%
50	52	3.720	3.251	0.469	12.61%	1.56%
100	53	-1.152	0.819	-1.971	171.07%	6.57%
100	54	1.277	4.474	-3.197	-250.35%	10.66%
100	55	1.270	2.027	-0.757	-59.61%	2.52%
100	56	1.284	2.035	-0.751	-58.49%	2.50%
100	57	3.714	2.026	1.688	45.45%	5.63%
100	58	0.059	3.254	-3.195	-5392.26%	10.65%
100	59	2.494	0.807	1.687	67.66%	5.62%
100	60	1.287	4.478	-3.191	-247.94%	10.64%
100	61	3.732	4.478	-0.746	-19.99%	2.49%
100	62	2.501	3.252	-0.751	-30.03%	2.50%
0	73	-1.155	-0.405	-0.750	64.93%	2.50%
0	74	4.948	4.475	0.473	9.56%	1.58%
0	75	3.722	3.252	0.470	12.63%	1.57%
	Max	6.172	6.916	1.688	677.26%	10.66%
	Average	2.539	3.327	-0.788	-175.13%	4.26%
	Min	-1.155	-0.405	-3.197	-5392.26%	1.55%
	Std Dev	1.844	1.855	1.382	948.64%	3.10%



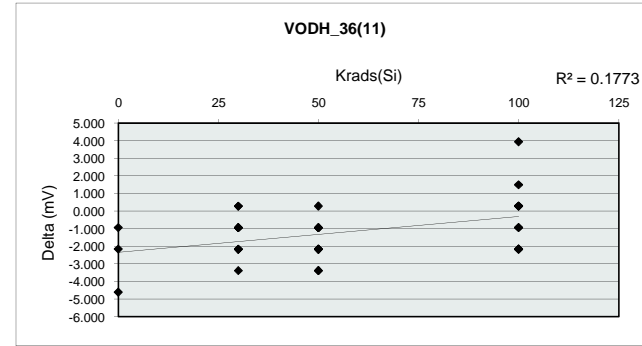
DVOD_36(10)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.405	-0.404	0.808	0.807
Average	2.441	3.374	4.108	2.765
Max	4.475	5.698	6.916	4.478
UL	15.000	15.000	15.000	15.000



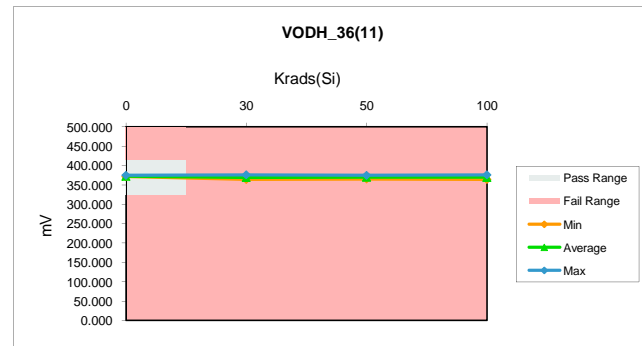
TID HDR Report
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VODH_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	375.318	376.242	-0.924	-0.25%	1.03%
30	34	366.777	367.721	-0.944	-0.26%	1.05%
30	35	370.436	370.150	0.286	0.08%	0.32%
30	36	367.984	367.701	0.283	0.08%	0.31%
30	37	364.330	366.497	-2.167	-0.59%	2.41%
30	38	366.767	367.708	-0.941	-0.26%	1.05%
30	39	368.004	368.945	-0.941	-0.26%	1.05%
30	40	369.216	372.593	-3.377	-0.91%	3.75%
30	41	372.874	375.022	-2.148	-0.58%	2.39%
30	42	361.889	364.061	-2.172	-0.60%	2.41%
50	43	366.760	370.139	-3.379	-0.92%	3.75%
50	44	369.219	372.598	-3.379	-0.92%	3.75%
50	45	363.098	365.265	-2.167	-0.60%	2.41%
50	46	372.890	375.041	-2.151	-0.58%	2.39%
50	47	371.658	371.369	0.289	0.08%	0.32%
50	48	365.542	367.704	-2.162	-0.59%	2.40%
50	49	368.009	368.953	-0.944	-0.26%	1.05%
50	50	372.869	375.018	-2.149	-0.58%	2.39%
50	51	367.994	368.934	-0.940	-0.26%	1.04%
50	52	365.538	366.477	-0.939	-0.26%	1.04%
100	53	375.328	376.253	-0.925	-0.25%	1.03%
100	54	369.214	370.153	-0.939	-0.25%	1.04%
100	55	367.988	364.046	3.942	1.07%	4.38%
100	56	364.327	366.492	-2.165	-0.59%	2.41%
100	57	376.541	376.240	0.301	0.08%	0.33%
100	58	368.006	366.508	1.498	0.41%	1.66%
100	59	367.998	370.160	-2.162	-0.59%	2.40%
100	60	369.217	368.932	0.285	0.08%	0.32%
100	61	366.765	366.484	0.281	0.08%	0.31%
100	62	372.869	375.016	-2.147	-0.58%	2.39%
0	73	370.428	371.361	-0.933	-0.25%	1.04%
0	74	366.766	371.366	-4.600	-1.25%	5.11%
0	75	372.886	375.037	-2.151	-0.58%	2.39%
	Max	376.541	376.253	3.942	1.07%	5.11%
	Average	368.955	370.187	-1.233	-0.33%	1.85%
	Min	361.889	364.046	-4.600	-1.25%	0.31%
	Std Dev	3.572	3.714	1.616	0.44%	1.27%



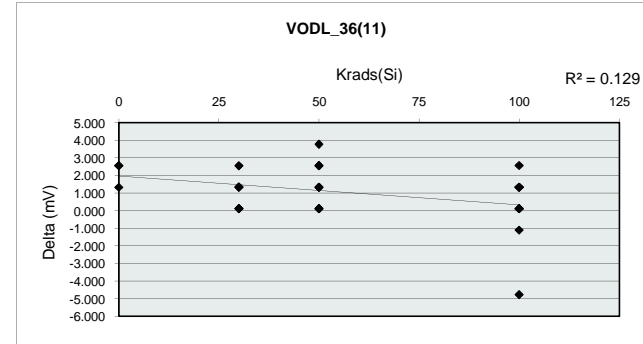
VODH_36(11)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	371.361	364.061	365.265	364.046
Average	372.588	369.664	370.150	370.028
Max	375.037	376.242	375.041	376.253
UL	415.000	415.000	415.000	415.000



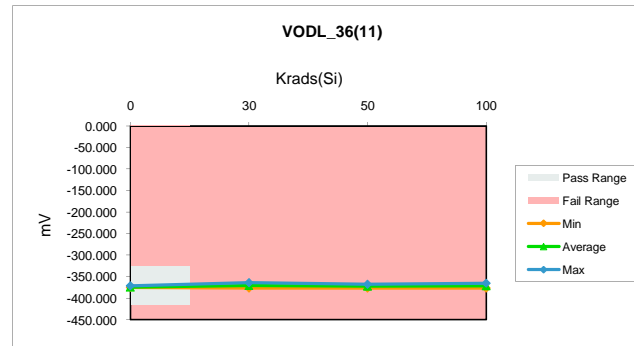
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VODL_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-375.203	-375.306	0.103	-0.03%	0.11%
30	34	-369.076	-369.187	0.111	-0.03%	0.12%
30	35	-370.306	-371.637	1.331	-0.36%	1.48%
30	36	-367.867	-367.986	0.119	-0.03%	0.13%
30	37	-364.188	-365.530	1.342	-0.37%	1.49%
30	38	-367.863	-367.979	0.116	-0.03%	0.13%
30	39	-369.071	-370.402	1.331	-0.36%	1.48%
30	40	-372.749	-375.295	2.546	-0.68%	2.83%
30	41	-373.980	-376.525	2.545	-0.68%	2.83%
30	42	-362.961	-364.304	1.343	-0.37%	1.49%
50	43	-370.316	-371.648	1.332	-0.36%	1.48%
50	44	-370.299	-374.069	3.770	-1.02%	4.19%
50	45	-366.643	-369.202	2.559	-0.70%	2.84%
50	46	-372.741	-374.066	1.325	-0.36%	1.47%
50	47	-375.196	-376.519	1.323	-0.35%	1.47%
50	48	-366.643	-369.203	2.560	-0.70%	2.84%
50	49	-369.065	-371.614	2.549	-0.69%	2.83%
50	50	-373.984	-374.090	0.106	-0.03%	0.12%
50	51	-371.526	-371.634	0.108	-0.03%	0.12%
50	52	-367.870	-367.990	0.120	-0.03%	0.13%
100	53	-375.191	-375.293	0.102	-0.03%	0.11%
100	54	-370.304	-371.634	1.330	-0.36%	1.48%
100	55	-372.754	-367.981	-4.773	1.28%	5.30%
100	56	-365.412	-367.974	2.562	-0.70%	2.85%
100	57	-375.201	-376.527	1.326	-0.35%	1.47%
100	58	-366.624	-365.519	-1.105	0.30%	1.23%
100	59	-369.078	-370.408	1.330	-0.36%	1.48%
100	60	-370.304	-371.635	1.331	-0.36%	1.48%
100	61	-367.866	-367.984	0.118	-0.03%	0.13%
100	62	-376.429	-376.531	0.102	-0.03%	0.11%
0	73	-372.758	-375.306	2.548	-0.68%	2.83%
0	74	-369.088	-371.642	2.554	-0.69%	2.84%
0	75	-373.968	-375.292	1.324	-0.35%	1.47%
Max		-362.961	-364.304	3.770	1.28%	5.30%
Average		-370.380	-371.452	1.072	-0.29%	1.59%
Min		-376.429	-376.531	-4.773	-1.02%	0.11%
Std Dev		3.473	3.574	1.518	0.41%	1.31%



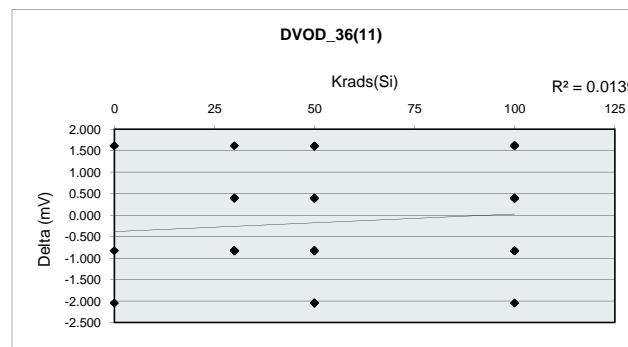
VODL_36(11)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-375.306	-376.525	-376.519	-376.531
Average	-374.080	-370.415	-372.004	-371.149
Max	-371.642	-364.304	-367.990	-365.519
UL	-325.000	-325.000	-325.000	-325.000



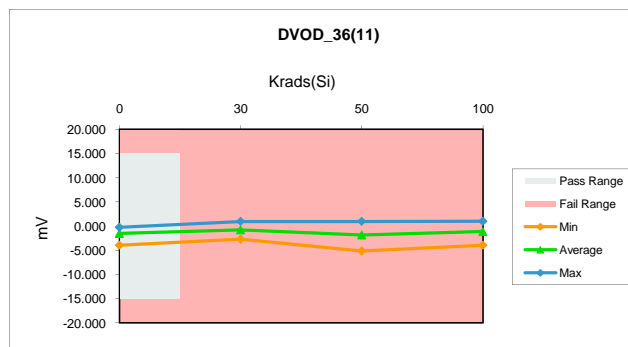
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DVOD_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	0.115	0.936	-0.821	-711.90%	2.74%
30	34	-2.299	-1.467	-0.832	36.19%	2.77%
30	35	0.130	-1.487	1.617	1240.21%	5.39%
30	36	0.117	-0.285	0.402	344.48%	1.34%
30	37	0.142	0.967	-0.826	-582.42%	2.75%
30	38	-1.096	-0.271	-0.825	75.29%	2.75%
30	39	-1.067	-1.457	0.390	-36.55%	1.30%
30	40	-3.533	-2.701	-0.832	23.55%	2.77%
30	41	-1.105	-1.503	0.398	-36.02%	1.33%
30	42	-1.072	-0.243	-0.829	77.37%	2.76%
50	43	-3.556	-1.509	-2.047	57.56%	6.82%
50	44	-1.080	-1.471	0.391	-36.20%	1.30%
50	45	-3.545	-3.936	0.391	-11.03%	1.30%
50	46	0.148	0.975	-0.827	-558.09%	2.76%
50	47	-3.539	-5.149	1.610	-45.49%	5.37%
50	48	-1.101	-1.500	0.399	-36.24%	1.33%
50	49	-1.056	-2.661	1.605	-151.99%	5.35%
50	50	-1.114	0.928	-2.042	183.32%	6.81%
50	51	-3.532	-2.700	-0.832	23.56%	2.77%
50	52	-2.332	-1.513	-0.819	35.12%	2.73%
100	53	0.137	0.960	-0.823	-601.22%	2.74%
100	54	-1.090	-1.481	0.391	-35.87%	1.30%
100	55	-4.766	-3.935	-0.831	17.44%	2.77%
100	56	-1.085	-1.482	0.397	-36.59%	1.32%
100	57	1.340	-0.286	1.626	121.37%	5.42%
100	58	1.382	0.989	0.393	28.42%	1.31%
100	59	-1.080	-0.249	-0.831	76.95%	2.77%
100	60	-1.088	-2.703	1.615	-148.44%	5.38%
100	61	-1.101	-1.499	0.398	-36.15%	1.33%
100	62	-3.560	-1.515	-2.045	57.44%	6.82%
0	73	-2.329	-3.944	1.615	-69.34%	5.38%
0	74	-2.322	-0.275	-2.047	88.14%	6.82%
0	75	-1.083	-0.255	-0.828	76.44%	2.76%
	Max	1.382	0.989	1.626	1240.21%	6.82%
	Average	-1.425	-1.264	-0.161	-17.29%	3.29%
	Min	-4.766	-5.149	-2.047	-711.90%	1.30%
	Std Dev	1.510	1.600	1.145	322.01%	1.93%



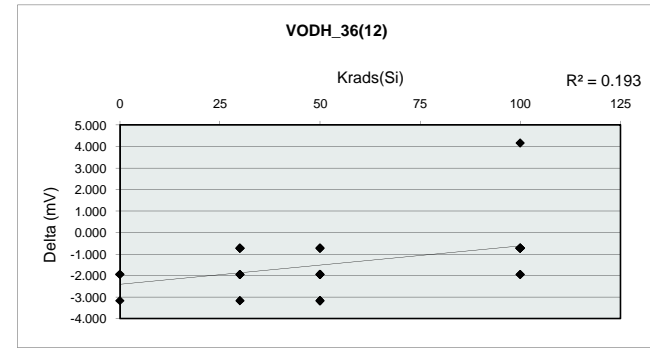
DVOD_36(11)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-3.944	-2.701	-5.149	-3.935
Average	-1.492	-0.751	-1.854	-1.120
Max	-0.255	0.967	0.975	0.989
UL	15.000	15.000	15.000	15.000



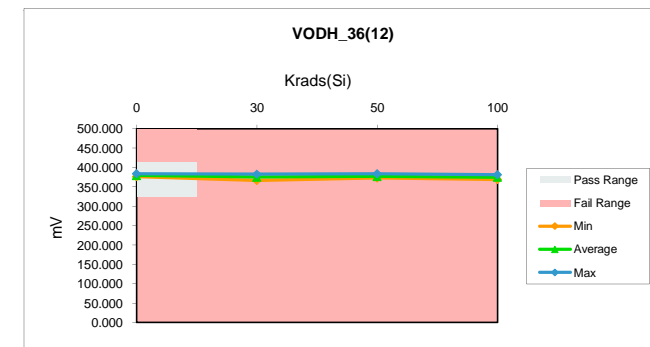
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VODH_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	415	415
Min Limit	325	325

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	379.430	380.156	-0.726	-0.19%	0.81%
30	34	374.548	375.275	-0.727	-0.19%	0.81%
30	35	373.327	374.054	-0.727	-0.19%	0.81%
30	36	374.552	375.277	-0.725	-0.19%	0.81%
30	37	372.101	374.051	-1.950	-0.52%	2.17%
30	38	364.782	366.732	-1.950	-0.53%	2.17%
30	39	370.890	371.616	-0.726	-0.20%	0.81%
30	40	379.433	382.600	-3.167	-0.83%	3.52%
30	41	378.210	381.378	-3.168	-0.84%	3.52%
30	42	368.443	370.393	-1.950	-0.53%	2.17%
50	43	372.109	375.278	-3.169	-0.85%	3.52%
50	44	374.552	377.719	-3.167	-0.85%	3.52%
50	45	374.549	377.718	-3.169	-0.85%	3.52%
50	46	375.771	377.718	-1.947	-0.52%	2.16%
50	47	376.993	377.717	-0.724	-0.19%	0.80%
50	48	370.881	372.832	-1.951	-0.53%	2.17%
50	49	381.882	383.824	-1.942	-0.51%	2.16%
50	50	376.988	378.936	-1.948	-0.52%	2.16%
50	51	372.112	372.837	-0.725	-0.19%	0.81%
50	52	372.104	372.833	-0.729	-0.20%	0.81%
100	53	378.222	378.943	-0.721	-0.19%	0.80%
100	54	370.883	372.833	-1.950	-0.53%	2.17%
100	55	376.988	372.831	4.157	1.10%	4.62%
100	56	372.108	372.835	-0.727	-0.20%	0.81%
100	57	380.654	381.378	-0.724	-0.19%	0.80%
100	58	370.885	371.613	-0.728	-0.20%	0.81%
100	59	374.546	375.273	-0.727	-0.19%	0.81%
100	60	375.776	376.498	-0.722	-0.19%	0.80%
100	61	368.444	369.172	-0.728	-0.20%	0.81%
100	62	376.993	378.939	-1.946	-0.52%	2.16%
0	73	374.554	376.499	-1.945	-0.52%	2.16%
0	74	374.551	377.718	-3.167	-0.85%	3.52%
0	75	381.881	383.822	-1.941	-0.51%	2.16%
	Max	381.882	383.824	4.157	1.10%	4.62%
	Average	374.550	375.979	-1.429	-0.38%	1.87%
	Min	364.782	366.732	-3.169	-0.85%	0.80%
	Std Dev	3.958	4.163	1.366	0.36%	1.14%



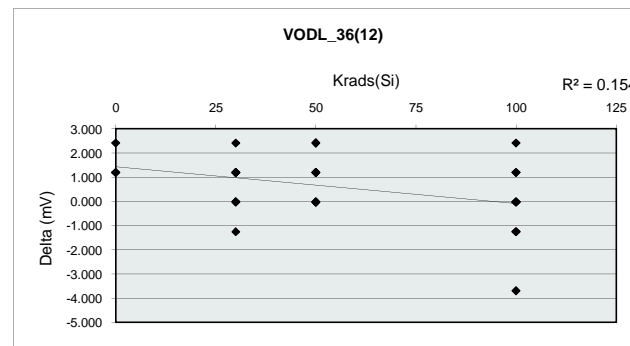
VODH_36(12)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	415	mV		
Min Limit	325	mV		
Krads(Si)	0	30	50	100
LL	325.000	325.000	325.000	325.000
Min	376.499	366.732	372.832	369.172
Average	379.346	375.153	376.741	375.032
Max	383.822	382.600	383.824	381.378
UL	415.000	415.000	415.000	415.000



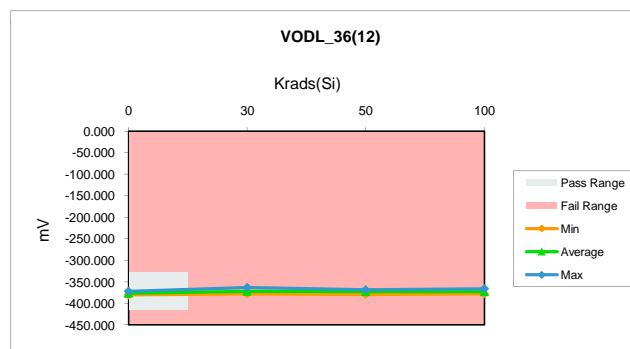
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VODL_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	-325	-325
Min Limit	-415	-415

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-378.169	-376.913	-1.256	0.33%	1.40%
30	34	-372.053	-373.246	1.193	-0.32%	1.33%
30	35	-370.831	-372.025	1.194	-0.32%	1.33%
30	36	-369.605	-370.802	1.197	-0.32%	1.33%
30	37	-370.836	-372.028	1.192	-0.32%	1.32%
30	38	-363.491	-363.473	-0.018	0.00%	0.02%
30	39	-370.824	-370.800	-0.024	0.01%	0.03%
30	40	-375.721	-376.911	1.190	-0.32%	1.32%
30	41	-375.723	-378.133	2.410	-0.64%	2.68%
30	42	-365.939	-365.918	-0.021	0.01%	0.02%
50	43	-368.382	-369.580	1.198	-0.33%	1.33%
50	44	-372.050	-374.466	2.416	-0.65%	2.68%
50	45	-369.608	-372.025	2.417	-0.65%	2.69%
50	46	-373.274	-373.246	-0.028	0.01%	0.03%
50	47	-370.831	-372.025	1.194	-0.32%	1.33%
50	48	-370.832	-372.026	1.194	-0.32%	1.33%
50	49	-378.161	-379.351	1.190	-0.31%	1.32%
50	50	-376.946	-376.912	-0.034	0.01%	0.04%
50	51	-368.380	-368.358	-0.022	0.01%	0.02%
50	52	-368.388	-368.362	-0.026	0.01%	0.03%
100	53	-379.377	-378.126	-1.251	0.33%	1.39%
100	54	-369.608	-370.804	1.196	-0.32%	1.33%
100	55	-375.723	-372.027	-3.696	0.98%	4.11%
100	56	-369.606	-370.802	1.196	-0.32%	1.33%
100	57	-379.388	-378.133	-1.255	0.33%	1.39%
100	58	-369.607	-369.582	-0.025	0.01%	0.03%
100	59	-373.278	-375.690	2.412	-0.65%	2.68%
100	60	-373.270	-373.244	-0.026	0.01%	0.03%
100	61	-365.938	-365.917	-0.021	0.01%	0.02%
100	62	-374.496	-374.467	-0.029	0.01%	0.03%
0	73	-375.713	-376.906	1.193	-0.32%	1.33%
0	74	-370.829	-372.024	1.195	-0.32%	1.33%
0	75	-378.162	-380.573	2.411	-0.64%	2.68%
Max		-363.491	-363.473	2.417	0.98%	4.11%
Average		-372.274	-372.876	0.602	-0.16%	1.19%
Min		-379.388	-380.573	-3.696	-0.65%	0.02%
Std Dev		4.083	4.079	1.300	0.35%	1.04%



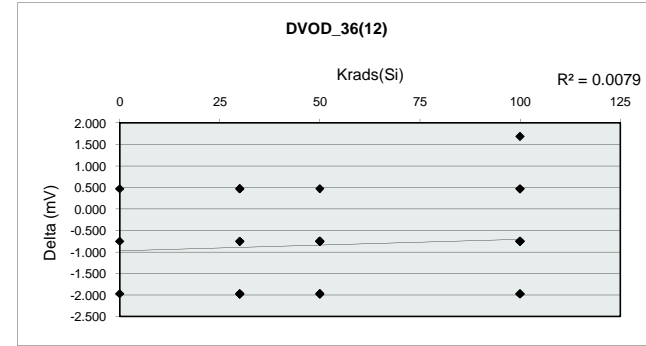
VODL_36(12)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	-325 mV			
Min Limit	-415 mV			
Krads(Si)	0	30	50	100
LL	-415.000	-415.000	-415.000	-415.000
Min	-380.573	-378.133	-379.351	-378.133
Average	-376.501	-372.025	-372.635	-372.879
Max	-372.024	-363.473	-368.358	-365.917
UL	-325.000	-325.000	-325.000	-325.000



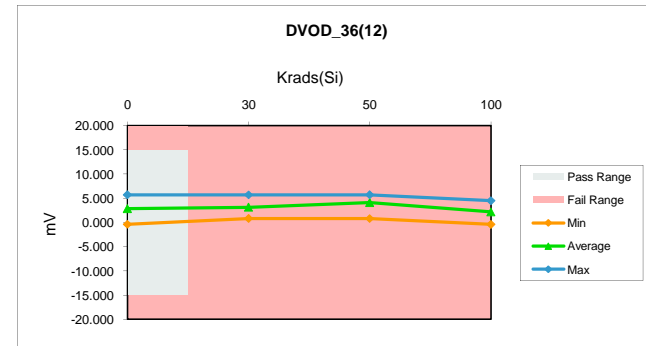
TID HDR Report
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DVOD_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.261	3.243	-1.982	-157.18%	6.61%
30	34	2.495	2.028	0.467	18.72%	1.56%
30	35	2.497	2.029	0.468	18.74%	1.56%
30	36	4.947	4.475	0.472	9.54%	1.57%
30	37	1.265	2.023	-0.758	-59.92%	2.53%
30	38	1.290	3.259	-1.969	-152.64%	6.56%
30	39	0.065	0.816	-0.750	-1146.17%	2.50%
30	40	3.712	5.690	-1.978	-53.29%	6.59%
30	41	2.487	3.244	-0.757	-30.44%	2.52%
30	42	2.504	4.475	-1.971	-78.71%	6.57%
50	43	3.727	5.698	-1.971	-52.88%	6.57%
50	44	2.503	3.254	-0.751	-30.00%	2.50%
50	45	4.941	5.693	-0.752	-15.22%	2.51%
50	46	2.497	4.472	-1.975	-79.09%	6.58%
50	47	6.162	5.692	0.470	7.63%	1.57%
50	48	0.048	0.806	-0.758	-1569.13%	2.53%
50	49	3.721	4.473	-0.752	-20.21%	2.51%
50	50	0.042	2.023	-1.981	-4721.03%	6.60%
50	51	3.732	4.480	-0.748	-20.04%	2.49%
50	52	3.716	4.470	-0.754	-20.29%	2.51%
100	53	-1.155	0.817	-1.972	170.73%	6.57%
100	54	1.274	2.029	-0.755	-59.26%	2.52%
100	55	1.266	0.804	0.462	36.52%	1.54%
100	56	2.502	2.033	0.469	18.75%	1.56%
100	57	1.266	3.245	-1.979	-156.32%	6.60%
100	58	1.277	2.030	-0.753	-58.97%	2.51%
100	59	1.268	-0.417	1.685	132.85%	5.62%
100	60	2.506	3.255	-0.749	-29.89%	2.50%
100	61	2.506	3.255	-0.749	-29.89%	2.50%
100	62	2.497	4.471	-1.974	-79.05%	6.58%
0	73	-1.159	-0.407	-0.752	64.90%	2.51%
0	74	3.722	5.694	-1.972	-52.98%	6.57%
0	75	3.718	3.250	0.468	12.59%	1.56%
Max		6.162	5.698	1.685	170.73%	6.61%
Average		2.276	3.103	-0.827	-247.93%	3.76%
Min		-1.159	-0.417	-1.982	-4721.03%	1.54%
Std Dev		1.686	1.774	1.010	869.71%	2.14%



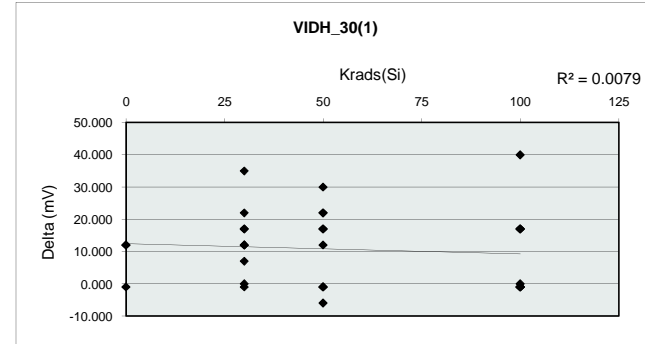
DVOD_36(12)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.407	0.816	0.806	-0.417
Average	2.846	3.128	4.106	2.152
Max	5.694	5.690	5.698	4.471
UL	15.000	15.000	15.000	15.000



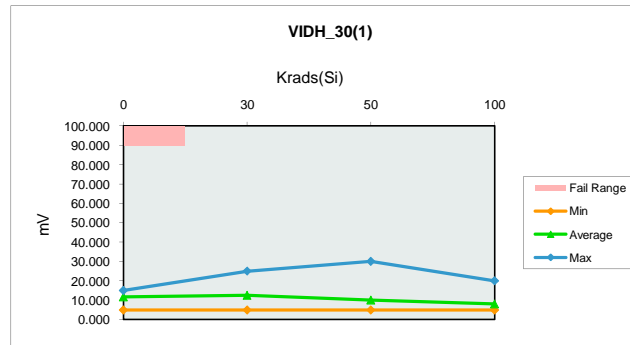
TID HDR Report
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VIDH_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	90	90
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	10.000	17.000	62.96%	18.89%
30	34	27.000	5.000	22.000	81.48%	24.44%
30	35	27.000	15.000	12.000	44.44%	13.33%
30	36	4.000	5.000	-1.000	-25.00%	1.11%
30	37	27.000	20.000	7.000	25.93%	7.78%
30	38	27.000	15.000	12.000	44.44%	13.33%
30	39	27.000	10.000	17.000	62.96%	18.89%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	25.000	35.000	58.33%	38.89%
30	42	27.000	15.000	12.000	44.44%	13.33%
50	43	4.000	5.000	-1.000	-25.00%	1.11%
50	44	60.000	30.000	30.000	50.00%	33.33%
50	45	4.000	5.000	-1.000	-25.00%	1.11%
50	46	27.000	5.000	22.000	81.48%	24.44%
50	47	27.000	10.000	17.000	62.96%	18.89%
50	48	27.000	15.000	12.000	44.44%	13.33%
50	49	4.000	5.000	-1.000	-25.00%	1.11%
50	50	4.000	10.000	-6.000	-150.00%	6.67%
50	51	27.000	5.000	22.000	81.48%	24.44%
50	52	27.000	10.000	17.000	62.96%	18.89%
100	53	4.000	5.000	-1.000	-25.00%	1.11%
100	54	4.000	5.000	-1.000	-25.00%	1.11%
100	55	4.000	5.000	-1.000	-25.00%	1.11%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	10.000	17.000	62.96%	18.89%
100	58	27.000	10.000	17.000	62.96%	18.89%
100	59	60.000	20.000	40.000	66.67%	44.44%
100	60	4.000	5.000	-1.000	-25.00%	1.11%
100	61	27.000	10.000	17.000	62.96%	18.89%
100	62	4.000	5.000	-1.000	-25.00%	1.11%
0	73	27.000	15.000	12.000	44.44%	13.33%
0	74	27.000	15.000	12.000	44.44%	13.33%
0	75	4.000	5.000	-1.000	-25.00%	1.11%
Max		60.000	30.000	40.000	81.48%	44.44%
Average		21.000	10.303	10.697	22.81%	12.96%
Min		4.000	5.000	-6.000	-150.00%	0.00%
Std Dev		16.645	6.488	11.703	50.66%	11.89%



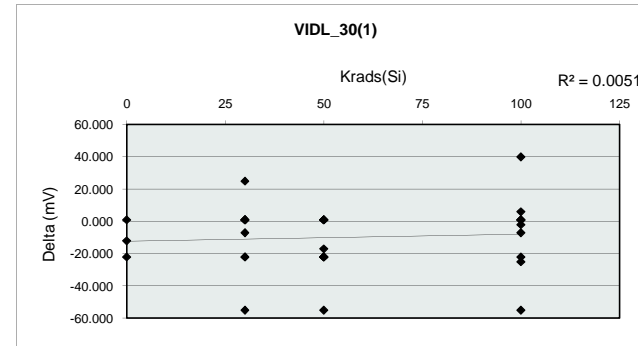
VIDH_30(1)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	90 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		5.000	5.000	5.000	5.000
Average		11.667	12.500	10.000	8.000
Max		15.000	25.000	30.000	20.000
UL		90.000	90.000	90.000	90.000



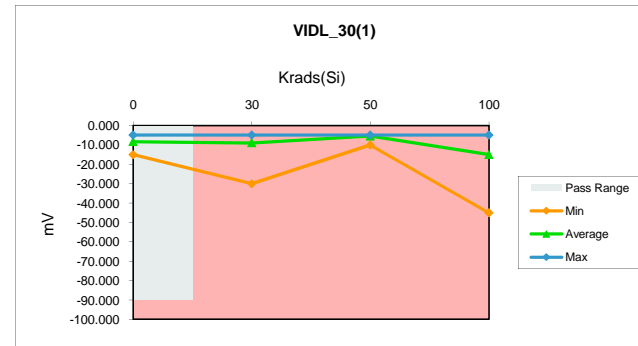
TID HDR Report
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VIDL_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.11%
30	34	-27.000	-5.000	-22.000	81.48%	24.44%
30	35	-4.000	-5.000	1.000	-25.00%	1.11%
30	36	-27.000	-20.000	-7.000	25.93%	7.78%
30	37	-4.000	-5.000	1.000	-25.00%	1.11%
30	38	-4.000	-5.000	1.000	-25.00%	1.11%
30	39	-27.000	-5.000	-22.000	81.48%	24.44%
30	40	-5.000	-30.000	25.000	-500.00%	27.78%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-4.000	-5.000	1.000	-25.00%	1.11%
50	43	-27.000	-5.000	-22.000	81.48%	24.44%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-27.000	-5.000	-22.000	81.48%	24.44%
50	46	-4.000	-5.000	1.000	-25.00%	1.11%
50	47	-27.000	-5.000	-22.000	81.48%	24.44%
50	48	-4.000	-5.000	1.000	-25.00%	1.11%
50	49	-27.000	-10.000	-17.000	62.96%	18.89%
50	50	-4.000	-5.000	1.000	-25.00%	1.11%
50	51	-4.000	-5.000	1.000	-25.00%	1.11%
50	52	-27.000	-5.000	-22.000	81.48%	24.44%
100	53	-27.000	-5.000	-22.000	81.48%	24.44%
100	54	-27.000	-20.000	-7.000	25.93%	7.78%
100	55	-27.000	-25.000	-2.000	7.41%	2.22%
100	56	-5.000	-45.000	40.000	-800.00%	44.44%
100	57	-4.000	-5.000	1.000	-25.00%	1.11%
100	58	-4.000	-5.000	1.000	-25.00%	1.11%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-4.000	-10.000	6.000	-150.00%	6.67%
100	61	-4.000	-5.000	1.000	-25.00%	1.11%
100	62	-50.000	-25.000	-25.000	50.00%	27.78%
0	73	-4.000	-5.000	1.000	-25.00%	1.11%
0	74	-27.000	-5.000	-22.000	81.48%	24.44%
0	75	-27.000	-15.000	-12.000	44.44%	13.33%
	Max	-4.000	-5.000	40.000	91.67%	61.11%
	Average	-19.606	-9.697	-9.909	-19.14%	16.67%
	Min	-60.000	-45.000	-55.000	-800.00%	1.11%
	Std Dev	17.998	9.515	20.264	176.48%	18.59%



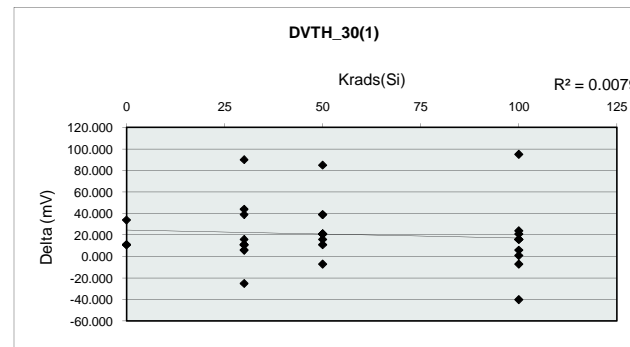
VIDL_30(1)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	mV				
Min Limit	-90				
	Krads(Si)	0	30	50	100
LL		-90.000	-90.000	-90.000	-90.000
Min		-15.000	-30.000	-10.000	-45.000
Average		-8.333	-9.000	-5.500	-15.000
Max		-5.000	-5.000	-5.000	-5.000
UL					



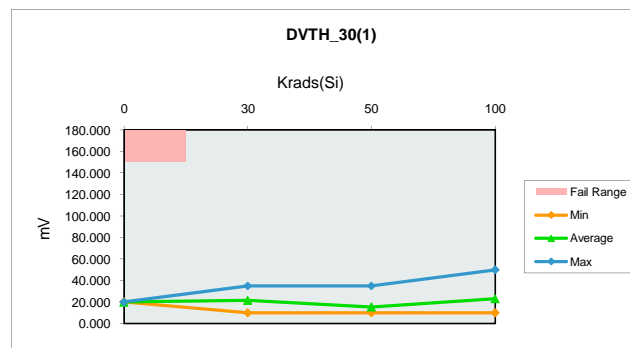
TID HDR Report
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DVTH_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	15.000	16.000	51.61%	10.67%
30	34	54.000	10.000	44.000	81.48%	29.33%
30	35	31.000	20.000	11.000	35.48%	7.33%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	25.000	6.000	19.35%	4.00%
30	38	31.000	20.000	11.000	35.48%	7.33%
30	39	54.000	15.000	39.000	72.22%	26.00%
30	40	10.000	35.000	-25.000	-250.00%	16.67%
30	41	120.000	30.000	90.000	75.00%	60.00%
30	42	31.000	20.000	11.000	35.48%	7.33%
50	43	31.000	10.000	21.000	67.74%	14.00%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	31.000	10.000	21.000	67.74%	14.00%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	54.000	15.000	39.000	72.22%	26.00%
50	48	31.000	20.000	11.000	35.48%	7.33%
50	49	31.000	15.000	16.000	51.61%	10.67%
50	50	8.000	15.000	-7.000	-87.50%	4.67%
50	51	31.000	10.000	21.000	67.74%	14.00%
50	52	54.000	15.000	39.000	72.22%	26.00%
100	53	31.000	10.000	21.000	67.74%	14.00%
100	54	31.000	25.000	6.000	19.35%	4.00%
100	55	31.000	30.000	1.000	3.23%	0.67%
100	56	10.000	50.000	-40.000	-400.00%	26.67%
100	57	31.000	15.000	16.000	51.61%	10.67%
100	58	31.000	15.000	16.000	51.61%	10.67%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	8.000	15.000	-7.000	-87.50%	4.67%
100	61	31.000	15.000	16.000	51.61%	10.67%
100	62	54.000	30.000	24.000	44.44%	16.00%
0	73	31.000	20.000	11.000	35.48%	7.33%
0	74	54.000	20.000	34.000	62.96%	22.67%
0	75	31.000	20.000	11.000	35.48%	7.33%
Max		120.000	50.000	95.000	81.48%	63.33%
Average		40.606	20.000	20.606	20.50%	16.93%
Min		8.000	10.000	-40.000	-400.00%	0.67%
Std Dev		28.412	9.014	28.069	99.06%	15.79%



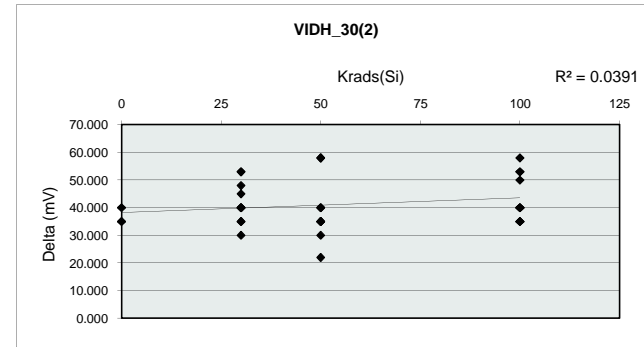
DVTH_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150	mV		
Min Limit		mV		
Krads(Si)	0	30	50	100
LL				
Min	20.000	10.000	10.000	10.000
Average	20.000	21.500	15.500	23.000
Max	20.000	35.000	35.000	50.000
UL	150.000	150.000	150.000	150.000



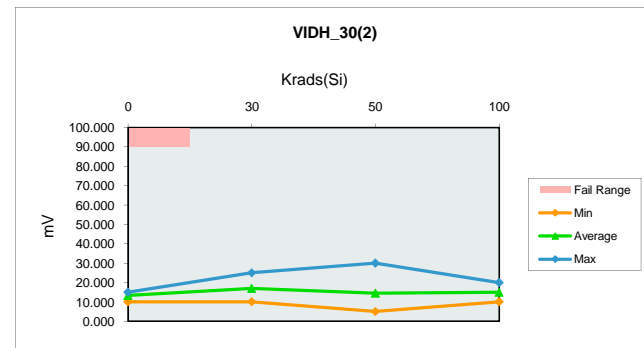
TID HDR Report
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		VIDH_30(2)	
Test Site		Dallas	Dallas
Tester		Impact	Impact
Test Number		I21072	I21072
Unit		mV	mV
Max Limit		90	90
Min Limit			

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	20.000	53.000	72.60%	58.89%
30	34	50.000	20.000	30.000	60.00%	33.33%
30	35	50.000	10.000	40.000	80.00%	44.44%
30	36	50.000	15.000	35.000	70.00%	38.89%
30	37	73.000	25.000	48.000	65.75%	53.33%
30	38	73.000	20.000	53.000	72.60%	58.89%
30	39	50.000	15.000	35.000	70.00%	38.89%
30	40	60.000	15.000	45.000	75.00%	50.00%
30	41	60.000	20.000	40.000	66.67%	44.44%
30	42	50.000	10.000	40.000	80.00%	44.44%
50	43	50.000	15.000	35.000	70.00%	38.89%
50	44	60.000	30.000	30.000	50.00%	33.33%
50	45	27.000	5.000	22.000	81.48%	24.44%
50	46	73.000	15.000	58.000	79.45%	64.44%
50	47	50.000	15.000	35.000	70.00%	38.89%
50	48	50.000	15.000	35.000	70.00%	38.89%
50	49	50.000	10.000	40.000	80.00%	44.44%
50	50	73.000	15.000	58.000	79.45%	64.44%
50	51	50.000	10.000	40.000	80.00%	44.44%
50	52	50.000	15.000	35.000	70.00%	38.89%
100	53	50.000	10.000	40.000	80.00%	44.44%
100	54	50.000	10.000	40.000	80.00%	44.44%
100	55	73.000	20.000	53.000	72.60%	58.89%
100	56	60.000	10.000	50.000	83.33%	55.56%
100	57	50.000	15.000	35.000	70.00%	38.89%
100	58	50.000	15.000	35.000	70.00%	38.89%
100	59	60.000	20.000	40.000	66.67%	44.44%
100	60	73.000	15.000	58.000	79.45%	64.44%
100	61	73.000	20.000	53.000	72.60%	58.89%
100	62	50.000	15.000	35.000	70.00%	38.89%
0	73	50.000	15.000	35.000	70.00%	38.89%
0	74	50.000	15.000	35.000	70.00%	38.89%
0	75	50.000	10.000	40.000	80.00%	44.44%
	Max	73.000	30.000	58.000	83.33%	64.44%
	Average	56.394	15.303	41.091	72.96%	45.66%
	Min	27.000	5.000	22.000	50.00%	24.44%
	Std Dev	11.057	4.991	9.008	7.03%	10.01%



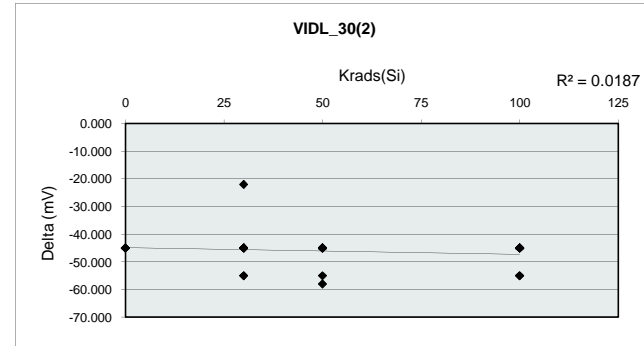
		VIDH_30(2)			
Test Site		Dallas			
Tester		Impact			
Test Number		I21072			
Max Limit		90	mV		
Min Limit			mV		
Krads(Si)		0	30	50	100
LL					
Min		10.000	10.000	5.000	10.000
Average		13.333	17.000	14.500	15.000
Max		15.000	25.000	30.000	20.000
UL		90.000	90.000	90.000	90.000



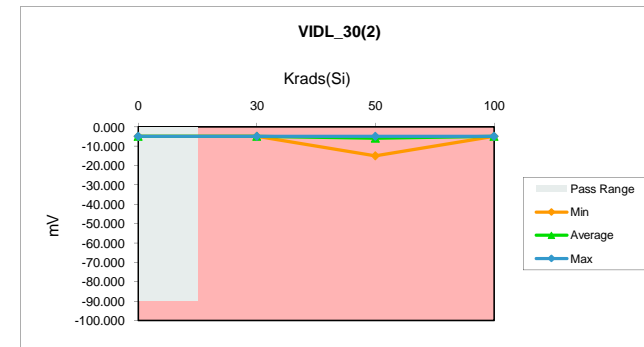
TID HDR Report
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VIDL_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	50.00%
30	34	-50.000	-5.000	-45.000	90.00%	50.00%
30	35	-50.000	-5.000	-45.000	90.00%	50.00%
30	36	-50.000	-5.000	-45.000	90.00%	50.00%
30	37	-27.000	-5.000	-22.000	81.48%	24.44%
30	38	-50.000	-5.000	-45.000	90.00%	50.00%
30	39	-50.000	-5.000	-45.000	90.00%	50.00%
30	40	-60.000	-5.000	-55.000	91.67%	61.11%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-50.000	-5.000	-45.000	90.00%	50.00%
50	43	-50.000	-5.000	-45.000	90.00%	50.00%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-73.000	-15.000	-58.000	79.45%	64.44%
50	46	-50.000	-5.000	-45.000	90.00%	50.00%
50	47	-50.000	-5.000	-45.000	90.00%	50.00%
50	48	-50.000	-5.000	-45.000	90.00%	50.00%
50	49	-50.000	-5.000	-45.000	90.00%	50.00%
50	50	-50.000	-5.000	-45.000	90.00%	50.00%
50	51	-50.000	-5.000	-45.000	90.00%	50.00%
50	52	-50.000	-5.000	-45.000	90.00%	50.00%
100	53	-50.000	-5.000	-45.000	90.00%	50.00%
100	54	-50.000	-5.000	-45.000	90.00%	50.00%
100	55	-50.000	-5.000	-45.000	90.00%	50.00%
100	56	-60.000	-5.000	-55.000	91.67%	61.11%
100	57	-50.000	-5.000	-45.000	90.00%	50.00%
100	58	-50.000	-5.000	-45.000	90.00%	50.00%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-50.000	-5.000	-45.000	90.00%	50.00%
100	61	-50.000	-5.000	-45.000	90.00%	50.00%
100	62	-50.000	-5.000	-45.000	90.00%	50.00%
0	73	-50.000	-5.000	-45.000	90.00%	50.00%
0	74	-50.000	-5.000	-45.000	90.00%	50.00%
0	75	-50.000	-5.000	-45.000	90.00%	50.00%
Max		-27.000	-5.000	-22.000	91.67%	64.44%
Average		-51.515	-5.303	-46.212	89.67%	51.35%
Min		-73.000	-15.000	-58.000	79.45%	24.44%
Std Dev		6.806	1.741	5.994	2.46%	6.66%



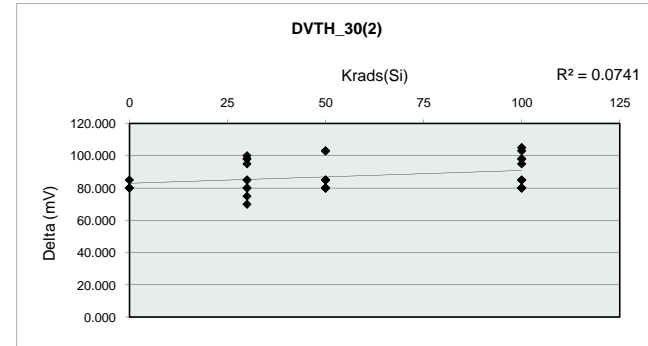
VIDL_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90			
	mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-5.000	-5.000	-15.000	-5.000
Average	-5.000	-5.000	-6.000	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



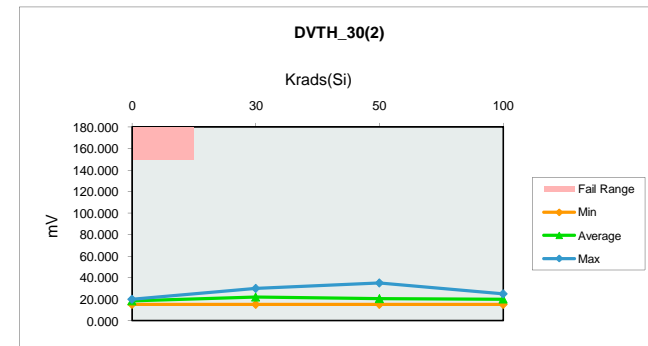
TID HDR Report
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		DVTH_30(2)	
Test Site		Dallas	Dallas
Tester		Impact	Impact
Test Number		I21072	I21072
Unit		mV	mV
Max Limit		150	150
Min Limit			

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	25.000	98.000	79.67%	65.33%
30	34	100.000	25.000	75.000	75.00%	50.00%
30	35	100.000	15.000	85.000	85.00%	56.67%
30	36	100.000	20.000	80.000	80.00%	53.33%
30	37	100.000	30.000	70.000	70.00%	46.67%
30	38	123.000	25.000	98.000	79.67%	65.33%
30	39	100.000	20.000	80.000	80.00%	53.33%
30	40	120.000	20.000	100.000	83.33%	66.67%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	100.000	15.000	85.000	85.00%	56.67%
50	43	100.000	20.000	80.000	80.00%	53.33%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	100.000	20.000	80.000	80.00%	53.33%
50	46	123.000	20.000	103.000	83.74%	68.67%
50	47	100.000	20.000	80.000	80.00%	53.33%
50	48	100.000	20.000	80.000	80.00%	53.33%
50	49	100.000	15.000	85.000	85.00%	56.67%
50	50	123.000	20.000	103.000	83.74%	68.67%
50	51	100.000	15.000	85.000	85.00%	56.67%
50	52	100.000	20.000	80.000	80.00%	53.33%
100	53	100.000	15.000	85.000	85.00%	56.67%
100	54	100.000	15.000	85.000	85.00%	56.67%
100	55	123.000	25.000	98.000	79.67%	65.33%
100	56	120.000	15.000	105.000	87.50%	70.00%
100	57	100.000	20.000	80.000	80.00%	53.33%
100	58	100.000	20.000	80.000	80.00%	53.33%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	123.000	20.000	103.000	83.74%	68.67%
100	61	123.000	25.000	98.000	79.67%	65.33%
100	62	100.000	20.000	80.000	80.00%	53.33%
0	73	100.000	20.000	80.000	80.00%	53.33%
0	74	100.000	20.000	80.000	80.00%	53.33%
0	75	100.000	15.000	85.000	85.00%	56.67%
Max		123.000	35.000	105.000	87.50%	70.00%
Average		107.909	20.606	87.303	80.91%	58.20%
Min		100.000	15.000	70.000	70.00%	46.67%
Std Dev		10.663	4.636	9.557	3.82%	6.37%



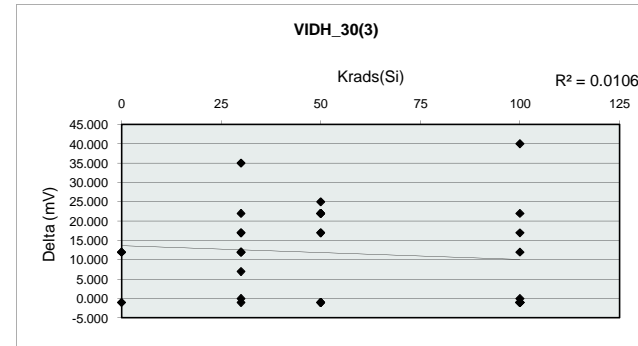
		DVTH_30(2)			
Test Site		Dallas			
Tester		Impact			
Test Number		I21072			
Max Limit		150 mV			
Min Limit		mV			
	Krads(Si)	0	30	50	100
LL					
Min		15.000	15.000	15.000	15.000
Average		18.333	22.000	20.500	20.000
Max		20.000	30.000	35.000	25.000
UL		150.000	150.000	150.000	150.000



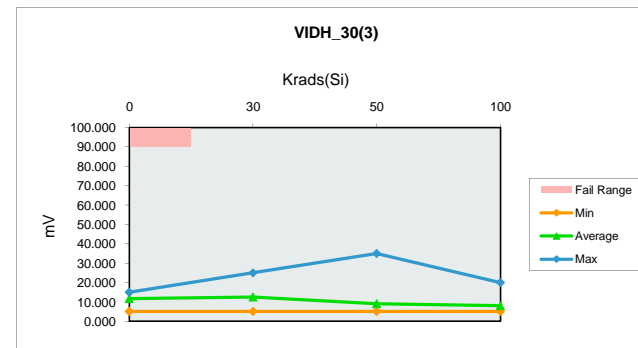
TID HDR Report
SN55LVCP22-SP

VIDH_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	90	90
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	10.000	17.000	62.96%	18.89%
30	34	27.000	5.000	22.000	81.48%	24.44%
30	35	27.000	15.000	12.000	44.44%	13.33%
30	36	4.000	5.000	-1.000	-25.00%	1.11%
30	37	27.000	20.000	7.000	25.93%	7.78%
30	38	27.000	15.000	12.000	44.44%	13.33%
30	39	27.000	10.000	17.000	62.96%	18.89%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	25.000	35.000	58.33%	38.89%
30	42	27.000	15.000	12.000	44.44%	13.33%
50	43	4.000	5.000	-1.000	-25.00%	1.11%
50	44	60.000	35.000	25.000	41.67%	27.78%
50	45	4.000	5.000	-1.000	-25.00%	1.11%
50	46	27.000	5.000	22.000	81.48%	24.44%
50	47	27.000	5.000	22.000	81.48%	24.44%
50	48	27.000	10.000	17.000	62.96%	18.89%
50	49	4.000	5.000	-1.000	-25.00%	1.11%
50	50	27.000	5.000	22.000	81.48%	24.44%
50	51	27.000	5.000	22.000	81.48%	24.44%
50	52	27.000	10.000	17.000	62.96%	18.89%
100	53	4.000	5.000	-1.000	-25.00%	1.11%
100	54	4.000	5.000	-1.000	-25.00%	1.11%
100	55	4.000	5.000	-1.000	-25.00%	1.11%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	5.000	22.000	81.48%	24.44%
100	58	27.000	15.000	12.000	44.44%	13.33%
100	59	60.000	20.000	40.000	66.67%	44.44%
100	60	4.000	5.000	-1.000	-25.00%	1.11%
100	61	27.000	10.000	17.000	62.96%	18.89%
100	62	4.000	5.000	-1.000	-25.00%	1.11%
0	73	27.000	15.000	12.000	44.44%	13.33%
0	74	27.000	15.000	12.000	44.44%	13.33%
0	75	4.000	5.000	-1.000	-25.00%	1.11%
Max		60.000	35.000	40.000	81.48%	44.44%
Average		21.697	10.000	11.697	30.70%	13.67%
Min		4.000	5.000	-1.000	-25.00%	0.00%
Std Dev		16.391	7.181	11.466	42.18%	11.99%



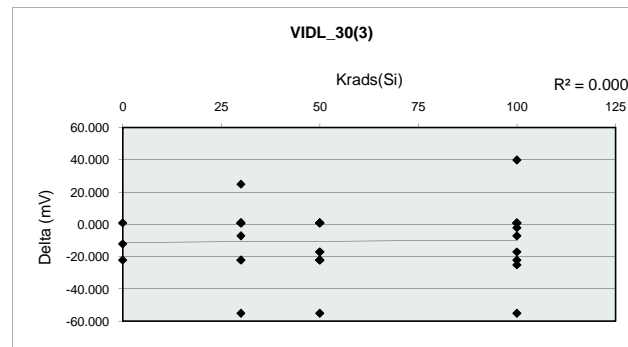
VIDH_30(3)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	90 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		5.000	5.000	5.000	5.000
Average		11.667	12.500	9.000	8.000
Max		15.000	25.000	35.000	20.000
UL		90.000	90.000	90.000	90.000



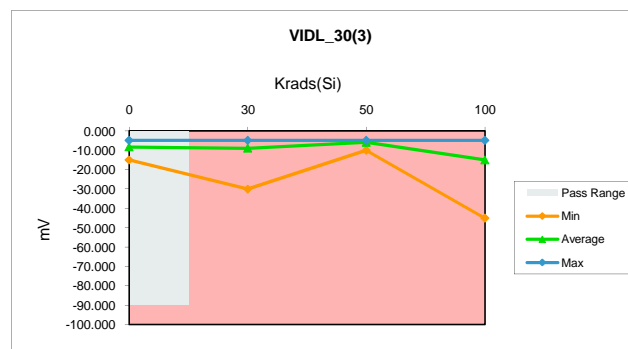
TID HDR Report
SN55LVCP22-SP

VIDL_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.11%
30	34	-27.000	-5.000	-22.000	81.48%	24.44%
30	35	-4.000	-5.000	1.000	-25.00%	1.11%
30	36	-27.000	-20.000	-7.000	25.93%	7.78%
30	37	-4.000	-5.000	1.000	-25.00%	1.11%
30	38	-4.000	-5.000	1.000	-25.00%	1.11%
30	39	-27.000	-5.000	-22.000	81.48%	24.44%
30	40	-5.000	-30.000	25.000	-500.00%	27.78%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-4.000	-5.000	1.000	-25.00%	1.11%
50	43	-27.000	-10.000	-17.000	62.96%	18.89%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-27.000	-5.000	-22.000	81.48%	24.44%
50	46	-4.000	-5.000	1.000	-25.00%	1.11%
50	47	-27.000	-5.000	-22.000	81.48%	24.44%
50	48	-4.000	-5.000	1.000	-25.00%	1.11%
50	49	-27.000	-10.000	-17.000	62.96%	18.89%
50	50	-4.000	-5.000	1.000	-25.00%	1.11%
50	51	-4.000	-5.000	1.000	-25.00%	1.11%
50	52	-27.000	-5.000	-22.000	81.48%	24.44%
100	53	-27.000	-5.000	-22.000	81.48%	24.44%
100	54	-27.000	-20.000	-7.000	25.93%	7.78%
100	55	-27.000	-25.000	-2.000	7.41%	2.22%
100	56	-5.000	-45.000	40.000	-800.00%	44.44%
100	57	-4.000	-5.000	1.000	-25.00%	1.11%
100	58	-4.000	-5.000	1.000	-25.00%	1.11%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-27.000	-10.000	-17.000	62.96%	18.89%
100	61	-4.000	-5.000	1.000	-25.00%	1.11%
100	62	-50.000	-25.000	-25.000	50.00%	27.78%
0	73	-4.000	-5.000	1.000	-25.00%	1.11%
0	74	-27.000	-5.000	-22.000	81.48%	24.44%
0	75	-27.000	-15.000	-12.000	44.44%	13.33%
Max		-4.000	-5.000	40.000	91.67%	61.11%
Average		-20.303	-9.848	-10.455	-13.24%	16.87%
Min		-60.000	-45.000	-55.000	-800.00%	1.11%
Std Dev		17.819	9.477	20.025	175.16%	18.46%



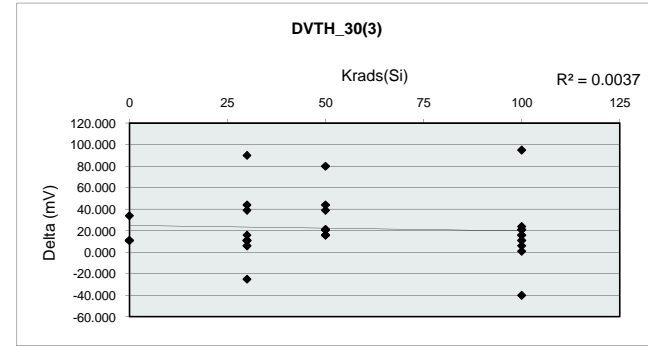
VIDL_30(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90			
	mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-15.000	-30.000	-10.000	-45.000
Average	-8.333	-9.000	-6.000	-15.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



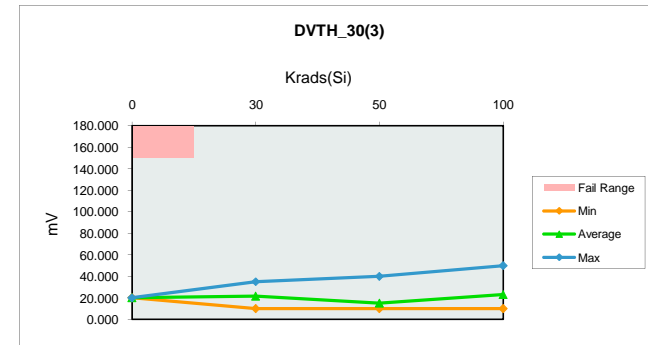
TID HDR Report
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DVTH_30(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	15.000	16.000	51.61%	10.67%
30	34	54.000	10.000	44.000	81.48%	29.33%
30	35	31.000	20.000	11.000	35.48%	7.33%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	25.000	6.000	19.35%	4.00%
30	38	31.000	20.000	11.000	35.48%	7.33%
30	39	54.000	15.000	39.000	72.22%	26.00%
30	40	10.000	35.000	-25.000	-250.00%	16.67%
30	41	120.000	30.000	90.000	75.00%	60.00%
30	42	31.000	20.000	11.000	35.48%	7.33%
50	43	31.000	15.000	16.000	51.61%	10.67%
50	44	120.000	40.000	80.000	66.67%	53.33%
50	45	31.000	10.000	21.000	67.74%	14.00%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	54.000	10.000	44.000	81.48%	29.33%
50	48	31.000	15.000	16.000	51.61%	10.67%
50	49	31.000	15.000	16.000	51.61%	10.67%
50	50	31.000	10.000	21.000	67.74%	14.00%
50	51	31.000	10.000	21.000	67.74%	14.00%
50	52	54.000	15.000	39.000	72.22%	26.00%
100	53	31.000	10.000	21.000	67.74%	14.00%
100	54	31.000	25.000	6.000	19.35%	4.00%
100	55	31.000	30.000	1.000	3.23%	0.67%
100	56	10.000	50.000	-40.000	-400.00%	26.67%
100	57	31.000	10.000	21.000	67.74%	14.00%
100	58	31.000	20.000	11.000	35.48%	7.33%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	31.000	15.000	16.000	51.61%	10.67%
100	61	31.000	15.000	16.000	51.61%	10.67%
100	62	54.000	30.000	24.000	44.44%	16.00%
0	73	31.000	20.000	11.000	35.48%	7.33%
0	74	54.000	20.000	34.000	62.96%	22.67%
0	75	31.000	20.000	11.000	35.48%	7.33%
	Max	120.000	50.000	95.000	81.48%	63.33%
	Average	42.000	19.848	22.152	29.57%	17.39%
	Min	10.000	10.000	-40.000	-400.00%	0.67%
	Std Dev	27.287	9.559	26.938	95.50%	15.34%



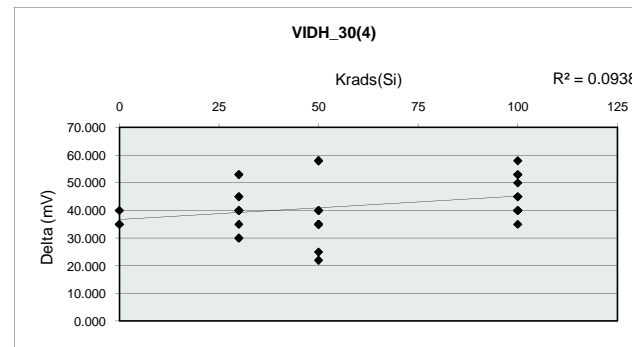
DVTH_30(3)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	150 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		20.000	10.000	10.000	10.000
Average		20.000	21.500	15.000	23.000
Max		20.000	35.000	40.000	50.000
UL		150.000	150.000	150.000	150.000



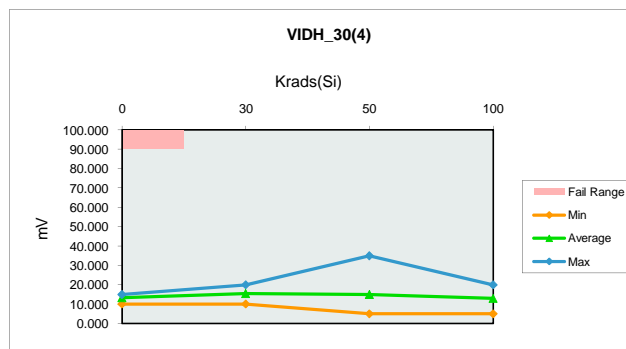
TID HDR Report
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VIDH_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	90	90
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	20.000	53.000	72.60%	58.89%
30	34	50.000	20.000	30.000	60.00%	33.33%
30	35	50.000	10.000	40.000	80.00%	44.44%
30	36	50.000	15.000	35.000	70.00%	38.89%
30	37	73.000	20.000	53.000	72.60%	58.89%
30	38	50.000	20.000	30.000	60.00%	33.33%
30	39	50.000	10.000	40.000	80.00%	44.44%
30	40	60.000	15.000	45.000	75.00%	50.00%
30	41	60.000	15.000	45.000	75.00%	50.00%
30	42	50.000	10.000	40.000	80.00%	44.44%
50	43	50.000	15.000	35.000	70.00%	38.89%
50	44	60.000	35.000	25.000	41.67%	27.78%
50	45	27.000	5.000	22.000	81.48%	24.44%
50	46	73.000	15.000	58.000	79.45%	64.44%
50	47	50.000	15.000	35.000	70.00%	38.89%
50	48	50.000	15.000	35.000	70.00%	38.89%
50	49	50.000	10.000	40.000	80.00%	44.44%
50	50	73.000	15.000	58.000	79.45%	64.44%
50	51	50.000	10.000	40.000	80.00%	44.44%
50	52	50.000	15.000	35.000	70.00%	38.89%
100	53	50.000	10.000	40.000	80.00%	44.44%
100	54	50.000	10.000	40.000	80.00%	44.44%
100	55	73.000	15.000	58.000	79.45%	64.44%
100	56	60.000	10.000	50.000	83.33%	55.56%
100	57	50.000	5.000	45.000	90.00%	50.00%
100	58	50.000	15.000	35.000	70.00%	38.89%
100	59	60.000	15.000	45.000	75.00%	50.00%
100	60	73.000	20.000	53.000	72.60%	58.89%
100	61	73.000	20.000	53.000	72.60%	58.89%
100	62	50.000	10.000	40.000	80.00%	44.44%
0	73	50.000	15.000	35.000	70.00%	38.89%
0	74	50.000	15.000	35.000	70.00%	38.89%
0	75	50.000	10.000	40.000	80.00%	44.44%
Max		73.000	35.000	58.000	90.00%	64.44%
Average		55.697	14.394	41.303	74.25%	45.89%
Min		27.000	5.000	22.000	41.67%	24.44%
Std Dev		10.696	5.556	9.255	8.64%	10.28%



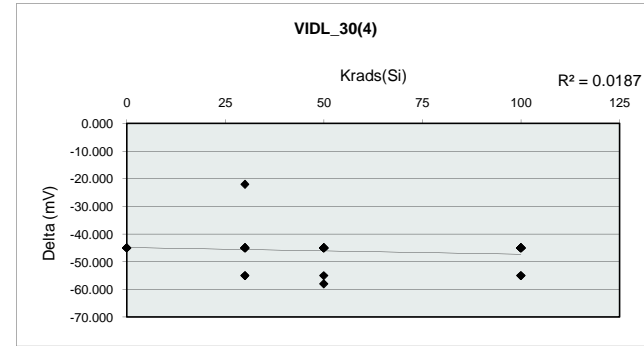
VIDH_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	90 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	10.000	10.000	5.000	5.000
Average	13.333	15.500	15.000	13.000
Max	15.000	20.000	35.000	20.000
UL	90.000	90.000	90.000	90.000



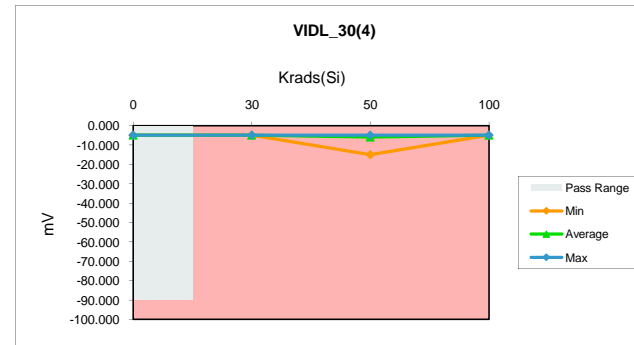
TID HDR Report
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VIDL_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	50.00%
30	34	-50.000	-5.000	-45.000	90.00%	50.00%
30	35	-50.000	-5.000	-45.000	90.00%	50.00%
30	36	-50.000	-5.000	-45.000	90.00%	50.00%
30	37	-27.000	-5.000	-22.000	81.48%	24.44%
30	38	-50.000	-5.000	-45.000	90.00%	50.00%
30	39	-50.000	-5.000	-45.000	90.00%	50.00%
30	40	-60.000	-5.000	-55.000	91.67%	61.11%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-50.000	-5.000	-45.000	90.00%	50.00%
50	43	-50.000	-5.000	-45.000	90.00%	50.00%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-73.000	-15.000	-58.000	79.45%	64.44%
50	46	-50.000	-5.000	-45.000	90.00%	50.00%
50	47	-50.000	-5.000	-45.000	90.00%	50.00%
50	48	-50.000	-5.000	-45.000	90.00%	50.00%
50	49	-50.000	-5.000	-45.000	90.00%	50.00%
50	50	-50.000	-5.000	-45.000	90.00%	50.00%
50	51	-50.000	-5.000	-45.000	90.00%	50.00%
50	52	-50.000	-5.000	-45.000	90.00%	50.00%
100	53	-50.000	-5.000	-45.000	90.00%	50.00%
100	54	-50.000	-5.000	-45.000	90.00%	50.00%
100	55	-50.000	-5.000	-45.000	90.00%	50.00%
100	56	-60.000	-5.000	-55.000	91.67%	61.11%
100	57	-50.000	-5.000	-45.000	90.00%	50.00%
100	58	-50.000	-5.000	-45.000	90.00%	50.00%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-50.000	-5.000	-45.000	90.00%	50.00%
100	61	-50.000	-5.000	-45.000	90.00%	50.00%
100	62	-50.000	-5.000	-45.000	90.00%	50.00%
0	73	-50.000	-5.000	-45.000	90.00%	50.00%
0	74	-50.000	-5.000	-45.000	90.00%	50.00%
0	75	-50.000	-5.000	-45.000	90.00%	50.00%
Max		-27.000	-5.000	-22.000	91.67%	64.44%
Average		-51.515	-5.303	-46.212	89.67%	51.35%
Min		-73.000	-15.000	-58.000	79.45%	24.44%
Std Dev		6.806	1.741	5.994	2.46%	6.66%



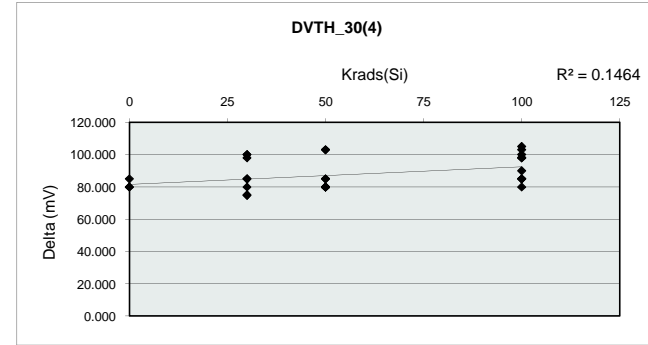
VIDL_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90			
	mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-5.000	-5.000	-15.000	-5.000
Average	-5.000	-5.000	-6.000	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



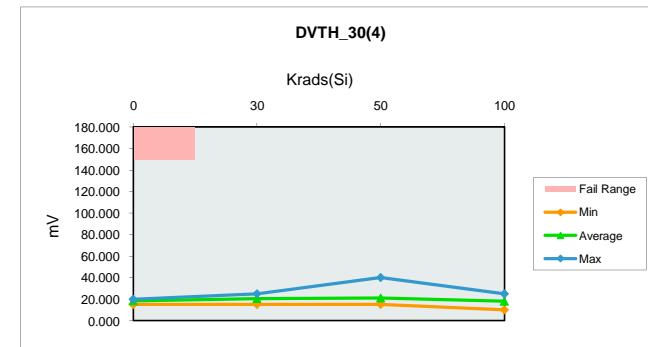
TID HDR Report
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DVTH_30(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	25.000	98.000	79.67%	65.33%
30	34	100.000	25.000	75.000	75.00%	50.00%
30	35	100.000	15.000	85.000	85.00%	56.67%
30	36	100.000	20.000	80.000	80.00%	53.33%
30	37	100.000	25.000	75.000	75.00%	50.00%
30	38	100.000	25.000	75.000	75.00%	50.00%
30	39	100.000	15.000	85.000	85.00%	56.67%
30	40	120.000	20.000	100.000	83.33%	66.67%
30	41	120.000	20.000	100.000	83.33%	66.67%
30	42	100.000	15.000	85.000	85.00%	56.67%
50	43	100.000	20.000	80.000	80.00%	53.33%
50	44	120.000	40.000	80.000	66.67%	53.33%
50	45	100.000	20.000	80.000	80.00%	53.33%
50	46	123.000	20.000	103.000	83.74%	68.67%
50	47	100.000	20.000	80.000	80.00%	53.33%
50	48	100.000	20.000	80.000	80.00%	53.33%
50	49	100.000	15.000	85.000	85.00%	56.67%
50	50	123.000	20.000	103.000	83.74%	68.67%
50	51	100.000	15.000	85.000	85.00%	56.67%
50	52	100.000	20.000	80.000	80.00%	53.33%
100	53	100.000	15.000	85.000	85.00%	56.67%
100	54	100.000	15.000	85.000	85.00%	56.67%
100	55	123.000	20.000	103.000	83.74%	68.67%
100	56	120.000	15.000	105.000	87.50%	70.00%
100	57	100.000	10.000	90.000	90.00%	60.00%
100	58	100.000	20.000	80.000	80.00%	53.33%
100	59	120.000	20.000	100.000	83.33%	66.67%
100	60	123.000	25.000	98.000	79.67%	65.33%
100	61	123.000	25.000	98.000	79.67%	65.33%
100	62	100.000	15.000	85.000	85.00%	56.67%
0	73	100.000	20.000	80.000	80.00%	53.33%
0	74	100.000	20.000	80.000	80.00%	53.33%
0	75	100.000	15.000	85.000	85.00%	56.67%
Max		123.000	40.000	105.000	90.00%	70.00%
Average		107.212	19.697	87.515	81.65%	58.34%
Min		100.000	10.000	75.000	66.67%	50.00%
Std Dev		10.395	5.294	9.553	4.40%	6.37%



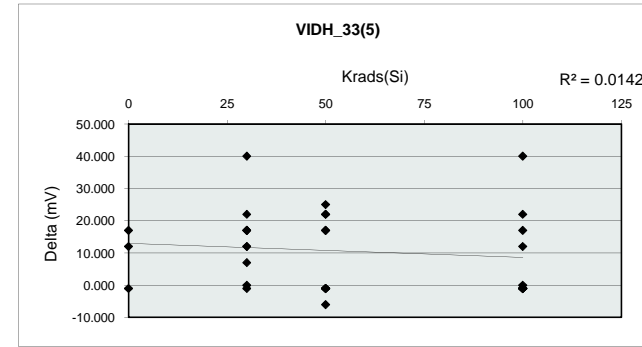
DVTH_30(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	15.000	15.000	15.000	10.000
Average	18.333	20.500	21.000	18.000
Max	20.000	25.000	40.000	25.000
UL	150.000	150.000	150.000	150.000



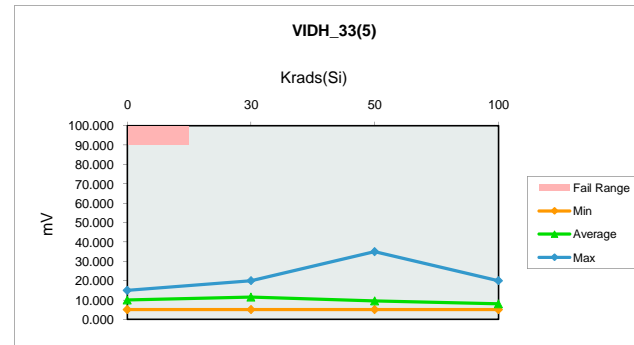
TID HDR Report
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VIDH_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	90	90
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	5.000	22.000	81.48%	24.44%
30	34	27.000	10.000	17.000	62.96%	18.89%
30	35	27.000	15.000	12.000	44.44%	13.33%
30	36	4.000	5.000	-1.000	-25.00%	1.11%
30	37	27.000	20.000	7.000	25.93%	7.78%
30	38	27.000	15.000	12.000	44.44%	13.33%
30	39	27.000	10.000	17.000	62.96%	18.89%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	20.000	40.000	66.67%	44.44%
30	42	27.000	10.000	17.000	62.96%	18.89%
50	43	4.000	5.000	-1.000	-25.00%	1.11%
50	44	60.000	35.000	25.000	41.67%	27.78%
50	45	4.000	5.000	-1.000	-25.00%	1.11%
50	46	27.000	5.000	22.000	81.48%	24.44%
50	47	4.000	10.000	-6.000	-150.00%	6.67%
50	48	27.000	10.000	17.000	62.96%	18.89%
50	49	4.000	5.000	-1.000	-25.00%	1.11%
50	50	4.000	5.000	-1.000	-25.00%	1.11%
50	51	27.000	10.000	17.000	62.96%	18.89%
50	52	27.000	5.000	22.000	81.48%	24.44%
100	53	4.000	5.000	-1.000	-25.00%	1.11%
100	54	4.000	5.000	-1.000	-25.00%	1.11%
100	55	4.000	5.000	-1.000	-25.00%	1.11%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	5.000	22.000	81.48%	24.44%
100	58	27.000	15.000	12.000	44.44%	13.33%
100	59	60.000	20.000	40.000	66.67%	44.44%
100	60	4.000	5.000	-1.000	-25.00%	1.11%
100	61	27.000	10.000	17.000	62.96%	18.89%
100	62	4.000	5.000	-1.000	-25.00%	1.11%
0	73	27.000	10.000	17.000	62.96%	18.89%
0	74	27.000	15.000	12.000	44.44%	13.33%
0	75	4.000	5.000	-1.000	-25.00%	1.11%
	Max	60.000	35.000	40.000	81.48%	44.44%
	Average	20.303	9.697	10.606	21.83%	12.93%
	Min	4.000	5.000	-6.000	-150.00%	0.00%
	Std Dev	16.866	6.724	12.176	52.19%	12.40%



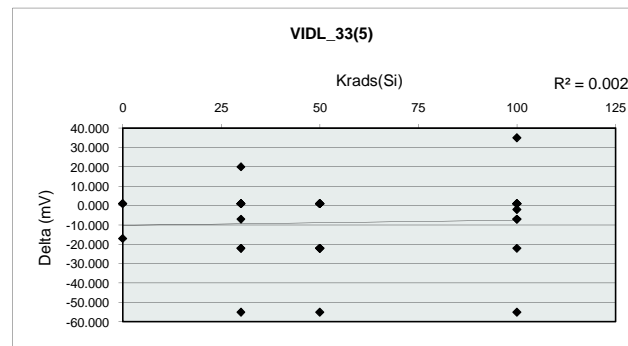
VIDH_33(5)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	90 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		5.000	5.000	5.000	5.000
Average		10.000	11.500	9.500	8.000
Max		15.000	20.000	35.000	20.000
UL		90.000	90.000	90.000	90.000



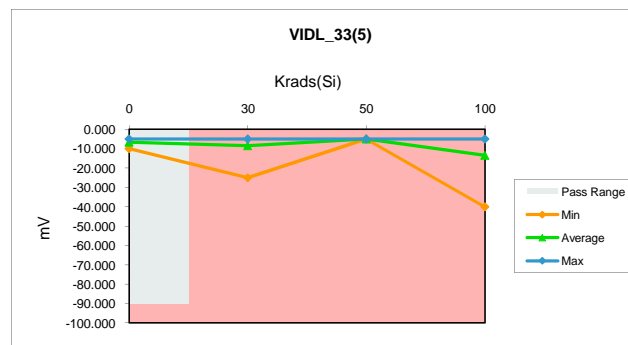
TID HDR Report
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VIDL_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.11%
30	34	-27.000	-5.000	-22.000	81.48%	24.44%
30	35	-4.000	-5.000	1.000	-25.00%	1.11%
30	36	-27.000	-20.000	-7.000	25.93%	7.78%
30	37	-4.000	-5.000	1.000	-25.00%	1.11%
30	38	-4.000	-5.000	1.000	-25.00%	1.11%
30	39	-27.000	-5.000	-22.000	81.48%	24.44%
30	40	-5.000	-25.000	20.000	-400.00%	22.22%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-4.000	-5.000	1.000	-25.00%	1.11%
50	43	-27.000	-5.000	-22.000	81.48%	24.44%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-27.000	-5.000	-22.000	81.48%	24.44%
50	46	-4.000	-5.000	1.000	-25.00%	1.11%
50	47	-27.000	-5.000	-22.000	81.48%	24.44%
50	48	-4.000	-5.000	1.000	-25.00%	1.11%
50	49	-27.000	-5.000	-22.000	81.48%	24.44%
50	50	-4.000	-5.000	1.000	-25.00%	1.11%
50	51	-4.000	-5.000	1.000	-25.00%	1.11%
50	52	-4.000	-5.000	1.000	-25.00%	1.11%
100	53	-4.000	-5.000	1.000	-25.00%	1.11%
100	54	-27.000	-20.000	-7.000	25.93%	7.78%
100	55	-27.000	-20.000	-7.000	25.93%	7.78%
100	56	-5.000	-40.000	35.000	-700.00%	38.89%
100	57	-4.000	-5.000	1.000	-25.00%	1.11%
100	58	-4.000	-5.000	1.000	-25.00%	1.11%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-27.000	-5.000	-22.000	81.48%	24.44%
100	61	-4.000	-5.000	1.000	-25.00%	1.11%
100	62	-27.000	-25.000	-2.000	7.41%	2.22%
0	73	-4.000	-5.000	1.000	-25.00%	1.11%
0	74	-4.000	-5.000	1.000	-25.00%	1.11%
0	75	-27.000	-10.000	-17.000	62.96%	18.89%
Max		-4.000	-5.000	35.000	91.67%	61.11%
Average		-17.515	-8.788	-8.727	-15.35%	14.48%
Min		-60.000	-40.000	-55.000	-700.00%	1.11%
Std Dev		17.438	8.388	19.390	151.03%	18.57%



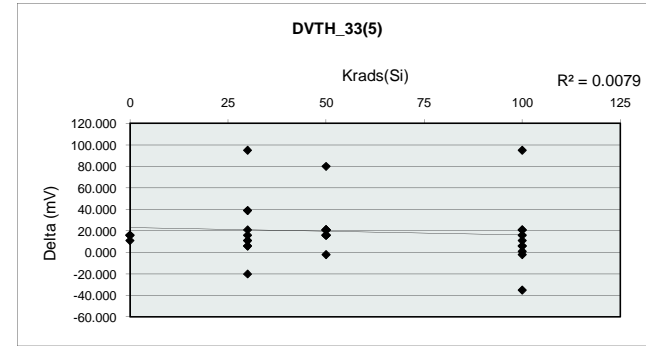
VIDL_33(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90 mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-10.000	-25.000	-5.000	-40.000
Average	-6.667	-8.500	-5.000	-13.500
Max	-5.000	-5.000	-5.000	-5.000
UL				



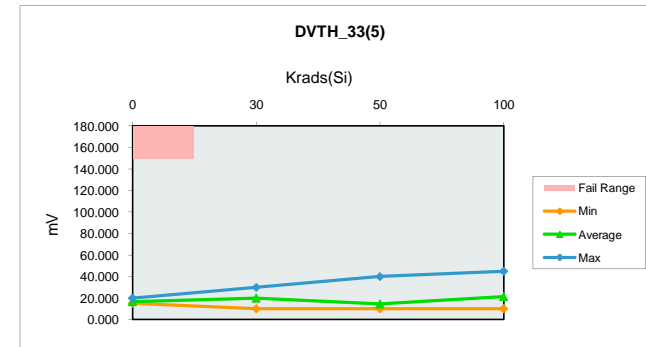
TID HDR Report
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DVTH_33(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	10.000	21.000	67.74%	14.00%
30	34	54.000	15.000	39.000	72.22%	26.00%
30	35	31.000	20.000	11.000	35.48%	7.33%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	25.000	6.000	19.35%	4.00%
30	38	31.000	20.000	11.000	35.48%	7.33%
30	39	54.000	15.000	39.000	72.22%	26.00%
30	40	10.000	30.000	-20.000	-200.00%	13.33%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	31.000	15.000	16.000	51.61%	10.67%
50	43	31.000	10.000	21.000	67.74%	14.00%
50	44	120.000	40.000	80.000	66.67%	53.33%
50	45	31.000	10.000	21.000	67.74%	14.00%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	31.000	15.000	16.000	51.61%	10.67%
50	48	31.000	15.000	16.000	51.61%	10.67%
50	49	31.000	10.000	21.000	67.74%	14.00%
50	50	8.000	10.000	-2.000	-25.00%	1.33%
50	51	31.000	15.000	16.000	51.61%	10.67%
50	52	31.000	10.000	21.000	67.74%	14.00%
100	53	8.000	10.000	-2.000	-25.00%	1.33%
100	54	31.000	25.000	6.000	19.35%	4.00%
100	55	31.000	25.000	6.000	19.35%	4.00%
100	56	10.000	45.000	-35.000	-350.00%	23.33%
100	57	31.000	10.000	21.000	67.74%	14.00%
100	58	31.000	20.000	11.000	35.48%	7.33%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	31.000	10.000	21.000	67.74%	14.00%
100	61	31.000	15.000	16.000	51.61%	10.67%
100	62	31.000	30.000	1.000	3.23%	0.67%
0	73	31.000	15.000	16.000	51.61%	10.67%
0	74	31.000	20.000	11.000	35.48%	7.33%
0	75	31.000	15.000	16.000	51.61%	10.67%
Max		120.000	45.000	95.000	79.17%	63.33%
Average		37.818	18.485	19.333	27.13%	15.27%
Min		8.000	10.000	-35.000	-350.00%	0.67%
Std Dev		28.077	8.882	26.657	84.55%	15.70%



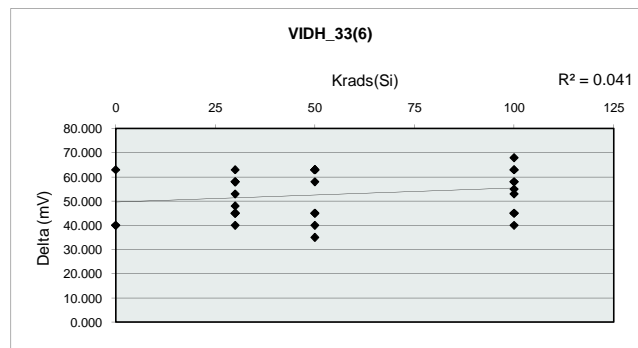
DVTH_33(5)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	150	mV			
Min Limit		mV			
	Krads(Si)	0	30	50	100
LL					
Min		15.000	10.000	10.000	10.000
Average		16.667	20.000	14.500	21.500
Max		20.000	30.000	40.000	45.000
UL		150.000	150.000	150.000	150.000



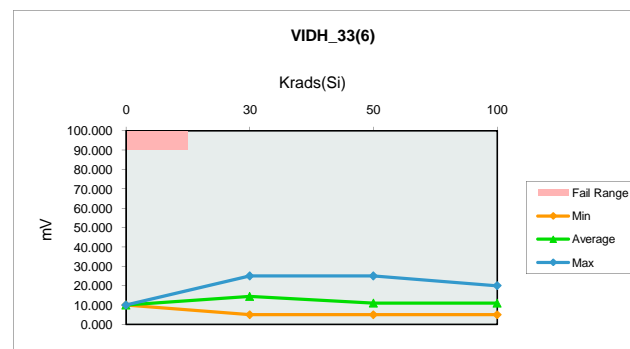
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VIDH_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	90	90
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	25.000	48.000	65.75%	53.33%
30	34	73.000	15.000	58.000	79.45%	64.44%
30	35	73.000	10.000	63.000	86.30%	70.00%
30	36	73.000	15.000	58.000	79.45%	64.44%
30	37	73.000	20.000	53.000	72.60%	58.89%
30	38	73.000	15.000	58.000	79.45%	64.44%
30	39	50.000	5.000	45.000	90.00%	50.00%
30	40	60.000	15.000	45.000	75.00%	50.00%
30	41	60.000	20.000	40.000	66.67%	44.44%
30	42	50.000	5.000	45.000	90.00%	50.00%
50	43	73.000	10.000	63.000	86.30%	70.00%
50	44	60.000	25.000	35.000	58.33%	38.89%
50	45	50.000	5.000	45.000	90.00%	50.00%
50	46	73.000	10.000	63.000	86.30%	70.00%
50	47	73.000	10.000	63.000	86.30%	70.00%
50	48	73.000	10.000	63.000	86.30%	70.00%
50	49	73.000	10.000	63.000	86.30%	70.00%
50	50	73.000	15.000	58.000	79.45%	64.44%
50	51	50.000	5.000	45.000	90.00%	50.00%
50	52	50.000	10.000	40.000	80.00%	44.44%
100	53	73.000	10.000	63.000	86.30%	70.00%
100	54	73.000	5.000	68.000	93.15%	75.56%
100	55	73.000	15.000	58.000	79.45%	64.44%
100	56	60.000	5.000	55.000	91.67%	61.11%
100	57	73.000	10.000	63.000	86.30%	70.00%
100	58	50.000	5.000	45.000	90.00%	50.00%
100	59	60.000	20.000	40.000	66.67%	44.44%
100	60	73.000	20.000	53.000	72.60%	58.89%
100	61	73.000	15.000	58.000	79.45%	64.44%
100	62	50.000	5.000	45.000	90.00%	50.00%
0	73	73.000	10.000	63.000	86.30%	70.00%
0	74	50.000	10.000	40.000	80.00%	44.44%
0	75	50.000	10.000	40.000	80.00%	44.44%
	Max	73.000	25.000	68.000	93.15%	75.56%
	Average	64.758	11.970	52.788	81.69%	58.65%
	Min	50.000	5.000	35.000	58.33%	38.89%
	Std Dev	10.253	5.855	9.552	8.54%	10.61%



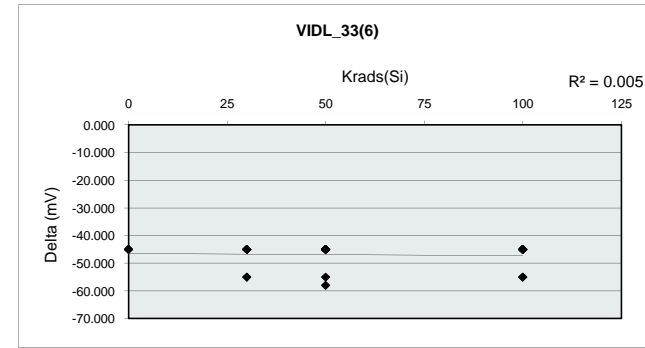
VIDH_33(6)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	90 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		10.000	5.000	5.000	5.000
Average		10.000	14.500	11.000	11.000
Max		10.000	25.000	25.000	20.000
UL		90.000	90.000	90.000	90.000



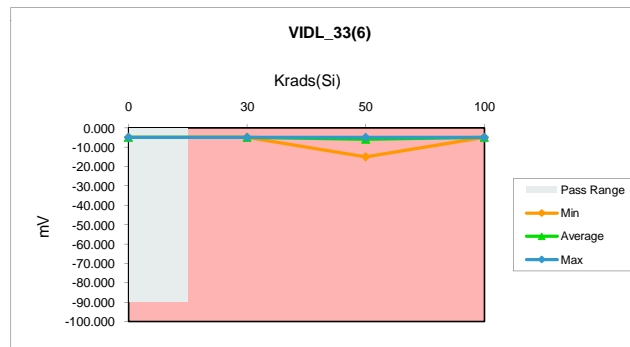
TID HDR Report
SN55LVCP22-SP

VIDL_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	50.00%
30	34	-50.000	-5.000	-45.000	90.00%	50.00%
30	35	-50.000	-5.000	-45.000	90.00%	50.00%
30	36	-50.000	-5.000	-45.000	90.00%	50.00%
30	37	-50.000	-5.000	-45.000	90.00%	50.00%
30	38	-50.000	-5.000	-45.000	90.00%	50.00%
30	39	-50.000	-5.000	-45.000	90.00%	50.00%
30	40	-60.000	-5.000	-55.000	91.67%	61.11%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-50.000	-5.000	-45.000	90.00%	50.00%
50	43	-50.000	-5.000	-45.000	90.00%	50.00%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-73.000	-15.000	-58.000	79.45%	64.44%
50	46	-50.000	-5.000	-45.000	90.00%	50.00%
50	47	-50.000	-5.000	-45.000	90.00%	50.00%
50	48	-50.000	-5.000	-45.000	90.00%	50.00%
50	49	-50.000	-5.000	-45.000	90.00%	50.00%
50	50	-50.000	-5.000	-45.000	90.00%	50.00%
50	51	-50.000	-5.000	-45.000	90.00%	50.00%
50	52	-50.000	-5.000	-45.000	90.00%	50.00%
100	53	-50.000	-5.000	-45.000	90.00%	50.00%
100	54	-50.000	-5.000	-45.000	90.00%	50.00%
100	55	-50.000	-5.000	-45.000	90.00%	50.00%
100	56	-60.000	-5.000	-55.000	91.67%	61.11%
100	57	-50.000	-5.000	-45.000	90.00%	50.00%
100	58	-50.000	-5.000	-45.000	90.00%	50.00%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-50.000	-5.000	-45.000	90.00%	50.00%
100	61	-50.000	-5.000	-45.000	90.00%	50.00%
100	62	-50.000	-5.000	-45.000	90.00%	50.00%
0	73	-50.000	-5.000	-45.000	90.00%	50.00%
0	74	-50.000	-5.000	-45.000	90.00%	50.00%
0	75	-50.000	-5.000	-45.000	90.00%	50.00%
Max		-50.000	-5.000	-45.000	91.67%	64.44%
Average		-52.212	-5.303	-46.909	89.93%	52.12%
Min		-73.000	-15.000	-58.000	79.45%	50.00%
Std Dev		5.207	1.741	4.141	1.98%	4.60%



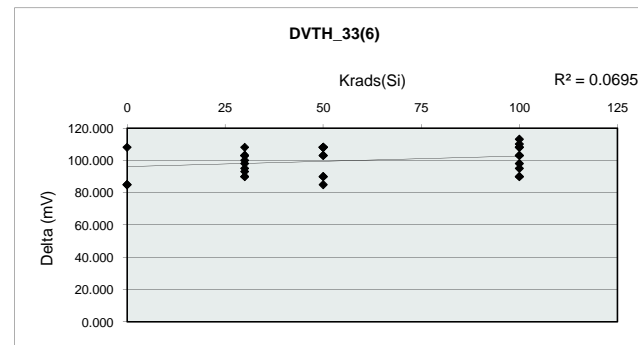
VIDL_33(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90 mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-5.000	-5.000	-15.000	-5.000
Average	-5.000	-5.000	-6.000	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



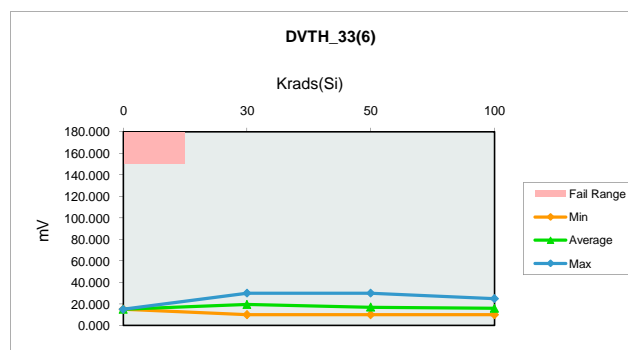
TID HDR Report
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DVTH_33(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	30.000	93.000	75.61%	62.00%
30	34	123.000	20.000	103.000	83.74%	68.67%
30	35	123.000	15.000	108.000	87.80%	72.00%
30	36	123.000	20.000	103.000	83.74%	68.67%
30	37	123.000	25.000	98.000	79.67%	65.33%
30	38	123.000	20.000	103.000	83.74%	68.67%
30	39	100.000	10.000	90.000	90.00%	60.00%
30	40	120.000	20.000	100.000	83.33%	66.67%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	100.000	10.000	90.000	90.00%	60.00%
50	43	123.000	15.000	108.000	87.80%	72.00%
50	44	120.000	30.000	90.000	75.00%	60.00%
50	45	123.000	20.000	103.000	83.74%	68.67%
50	46	123.000	15.000	108.000	87.80%	72.00%
50	47	123.000	15.000	108.000	87.80%	72.00%
50	48	123.000	15.000	108.000	87.80%	72.00%
50	49	123.000	15.000	108.000	87.80%	72.00%
50	50	123.000	20.000	103.000	83.74%	68.67%
50	51	100.000	10.000	90.000	90.00%	60.00%
50	52	100.000	15.000	85.000	85.00%	56.67%
100	53	123.000	15.000	108.000	87.80%	72.00%
100	54	123.000	10.000	113.000	91.87%	75.33%
100	55	123.000	20.000	103.000	83.74%	68.67%
100	56	120.000	10.000	110.000	91.67%	73.33%
100	57	123.000	15.000	108.000	87.80%	72.00%
100	58	100.000	10.000	90.000	90.00%	60.00%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	123.000	25.000	98.000	79.67%	65.33%
100	61	123.000	20.000	103.000	83.74%	68.67%
100	62	100.000	10.000	90.000	90.00%	60.00%
0	73	123.000	15.000	108.000	87.80%	72.00%
0	74	100.000	15.000	85.000	85.00%	56.67%
0	75	100.000	15.000	85.000	85.00%	56.67%
Max		123.000	30.000	113.000	91.87%	75.33%
Average		116.970	17.273	99.697	85.35%	66.46%
Min		100.000	10.000	85.000	75.00%	56.67%
Std Dev		9.806	5.741	8.454	4.37%	5.64%



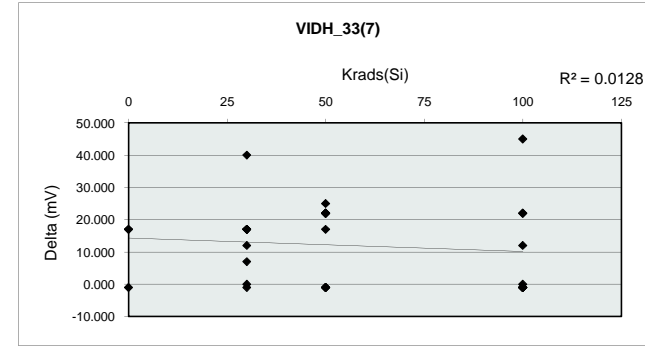
DVTH_33(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	15.000	10.000	10.000	10.000
Average	15.000	19.500	17.000	16.000
Max	15.000	30.000	30.000	25.000
UL	150.000	150.000	150.000	150.000



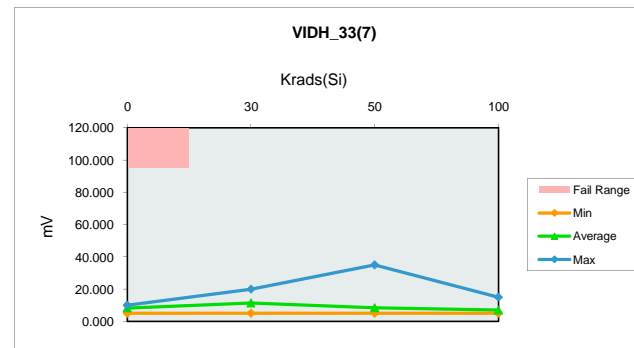
TID HDR Report
SN55LVCP22-SP

VIDH_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	10.000	17.000	62.96%	17.89%
30	34	27.000	10.000	17.000	62.96%	17.89%
30	35	27.000	10.000	17.000	62.96%	17.89%
30	36	4.000	5.000	-1.000	-25.00%	1.05%
30	37	27.000	20.000	7.000	25.93%	7.37%
30	38	27.000	15.000	12.000	44.44%	12.63%
30	39	27.000	10.000	17.000	62.96%	17.89%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	20.000	40.000	66.67%	42.11%
30	42	27.000	10.000	17.000	62.96%	17.89%
50	43	4.000	5.000	-1.000	-25.00%	1.05%
50	44	60.000	35.000	25.000	41.67%	26.32%
50	45	4.000	5.000	-1.000	-25.00%	1.05%
50	46	27.000	5.000	22.000	81.48%	23.16%
50	47	27.000	5.000	22.000	81.48%	23.16%
50	48	27.000	5.000	22.000	81.48%	23.16%
50	49	4.000	5.000	-1.000	-25.00%	1.05%
50	50	4.000	5.000	-1.000	-25.00%	1.05%
50	51	27.000	10.000	17.000	62.96%	17.89%
50	52	27.000	5.000	22.000	81.48%	23.16%
100	53	4.000	5.000	-1.000	-25.00%	1.05%
100	54	4.000	5.000	-1.000	-25.00%	1.05%
100	55	4.000	5.000	-1.000	-25.00%	1.05%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	5.000	22.000	81.48%	23.16%
100	58	27.000	15.000	12.000	44.44%	12.63%
100	59	60.000	15.000	45.000	75.00%	47.37%
100	60	4.000	5.000	-1.000	-25.00%	1.05%
100	61	27.000	5.000	22.000	81.48%	23.16%
100	62	4.000	5.000	-1.000	-25.00%	1.05%
0	73	27.000	10.000	17.000	62.96%	17.89%
0	74	27.000	10.000	17.000	62.96%	17.89%
0	75	4.000	5.000	-1.000	-25.00%	1.05%
	Max	60.000	35.000	45.000	81.48%	47.37%
	Average	21.000	8.939	12.061	30.78%	13.40%
	Min	4.000	5.000	-1.000	-25.00%	0.00%
	Std Dev	16.645	6.466	12.517	44.58%	12.44%



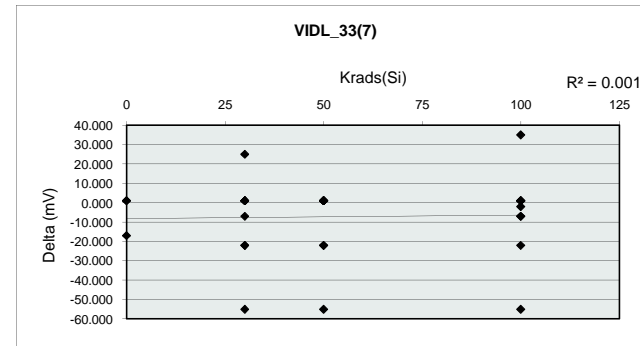
VIDH_33(7)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	95 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		5.000	5.000	5.000	5.000
Average		8.333	11.500	8.500	7.000
Max		10.000	20.000	35.000	15.000
UL		95.000	95.000	95.000	95.000



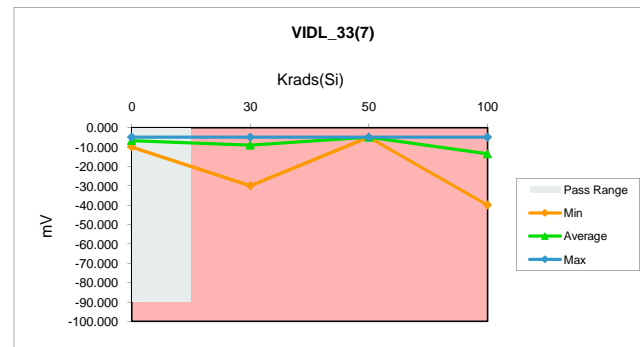
TID HDR Report
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VIDL_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.11%
30	34	-27.000	-5.000	-22.000	81.48%	24.44%
30	35	-4.000	-5.000	1.000	-25.00%	1.11%
30	36	-27.000	-20.000	-7.000	25.93%	7.78%
30	37	-4.000	-5.000	1.000	-25.00%	1.11%
30	38	-4.000	-5.000	1.000	-25.00%	1.11%
30	39	-27.000	-5.000	-22.000	81.48%	24.44%
30	40	-5.000	-30.000	25.000	-500.00%	27.78%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-4.000	-5.000	1.000	-25.00%	1.11%
50	43	-4.000	-5.000	1.000	-25.00%	1.11%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-27.000	-5.000	-22.000	81.48%	24.44%
50	46	-4.000	-5.000	1.000	-25.00%	1.11%
50	47	-4.000	-5.000	1.000	-25.00%	1.11%
50	48	-4.000	-5.000	1.000	-25.00%	1.11%
50	49	-27.000	-5.000	-22.000	81.48%	24.44%
50	50	-4.000	-5.000	1.000	-25.00%	1.11%
50	51	-4.000	-5.000	1.000	-25.00%	1.11%
50	52	-4.000	-5.000	1.000	-25.00%	1.11%
100	53	-4.000	-5.000	1.000	-25.00%	1.11%
100	54	-27.000	-20.000	-7.000	25.93%	7.78%
100	55	-27.000	-20.000	-7.000	25.93%	7.78%
100	56	-5.000	-40.000	35.000	-700.00%	38.89%
100	57	-4.000	-5.000	1.000	-25.00%	1.11%
100	58	-4.000	-5.000	1.000	-25.00%	1.11%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-27.000	-5.000	-22.000	81.48%	24.44%
100	61	-4.000	-5.000	1.000	-25.00%	1.11%
100	62	-27.000	-25.000	-2.000	7.41%	2.22%
0	73	-4.000	-5.000	1.000	-25.00%	1.11%
0	74	-4.000	-5.000	1.000	-25.00%	1.11%
0	75	-27.000	-10.000	-17.000	62.96%	18.89%
Max		-4.000	-5.000	35.000	91.67%	61.11%
Average		-16.121	-8.939	-7.182	-24.83%	13.23%
Min		-60.000	-40.000	-55.000	-700.00%	1.11%
Std Dev		17.546	8.728	19.446	157.65%	18.76%



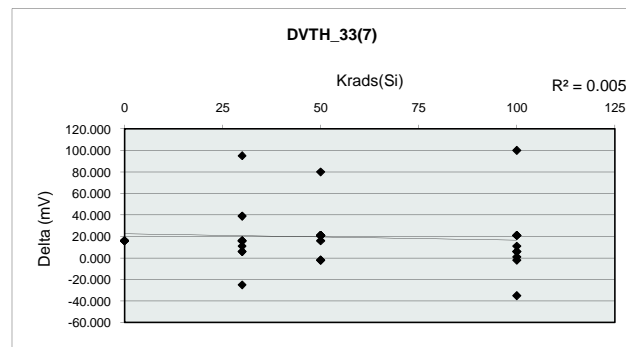
VIDL_33(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90			
	mV			
	-90	-90	-90	-90
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-10.000	-30.000	-5.000	-40.000
Average	-6.667	-9.000	-5.000	-13.500
Max	-5.000	-5.000	-5.000	-5.000
UL				



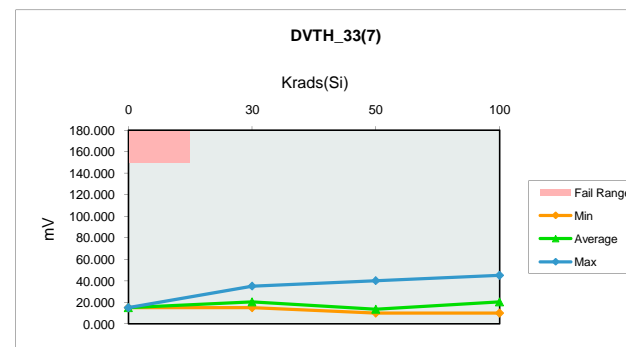
TID HDR Report
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DVTH_33(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	15.000	16.000	51.61%	10.67%
30	34	54.000	15.000	39.000	72.22%	26.00%
30	35	31.000	15.000	16.000	51.61%	10.67%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	25.000	6.000	19.35%	4.00%
30	38	31.000	20.000	11.000	35.48%	7.33%
30	39	54.000	15.000	39.000	72.22%	26.00%
30	40	10.000	35.000	-25.000	-250.00%	16.67%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	31.000	15.000	16.000	51.61%	10.67%
50	43	8.000	10.000	-2.000	-25.00%	1.33%
50	44	120.000	40.000	80.000	66.67%	53.33%
50	45	31.000	10.000	21.000	67.74%	14.00%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	31.000	10.000	21.000	67.74%	14.00%
50	48	31.000	10.000	21.000	67.74%	14.00%
50	49	31.000	10.000	21.000	67.74%	14.00%
50	50	8.000	10.000	-2.000	-25.00%	1.33%
50	51	31.000	15.000	16.000	51.61%	10.67%
50	52	31.000	10.000	21.000	67.74%	14.00%
100	53	8.000	10.000	-2.000	-25.00%	1.33%
100	54	31.000	25.000	6.000	19.35%	4.00%
100	55	31.000	25.000	6.000	19.35%	4.00%
100	56	10.000	45.000	-35.000	-350.00%	23.33%
100	57	31.000	10.000	21.000	67.74%	14.00%
100	58	31.000	20.000	11.000	35.48%	7.33%
100	59	120.000	20.000	100.000	83.33%	66.67%
100	60	31.000	10.000	21.000	67.74%	14.00%
100	61	31.000	10.000	21.000	67.74%	14.00%
100	62	31.000	30.000	1.000	3.23%	0.67%
0	73	31.000	15.000	16.000	51.61%	10.67%
0	74	31.000	15.000	16.000	51.61%	10.67%
0	75	31.000	15.000	16.000	51.61%	10.67%
	Max	120.000	45.000	100.000	83.33%	66.67%
	Average	37.121	17.879	19.242	24.88%	15.49%
	Min	8.000	10.000	-35.000	-350.00%	0.67%
	Std Dev	28.534	9.273	27.533	89.88%	16.09%



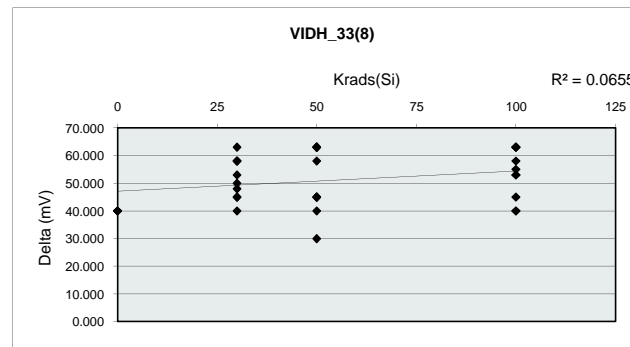
DVTH_33(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150	mV		
Min Limit		mV		
Krads(Si)	0	30	50	100
LL				
Min	15.000	15.000	10.000	10.000
Average	15.000	20.500	13.500	20.500
Max	15.000	35.000	40.000	45.000
UL	150.000	150.000	150.000	150.000



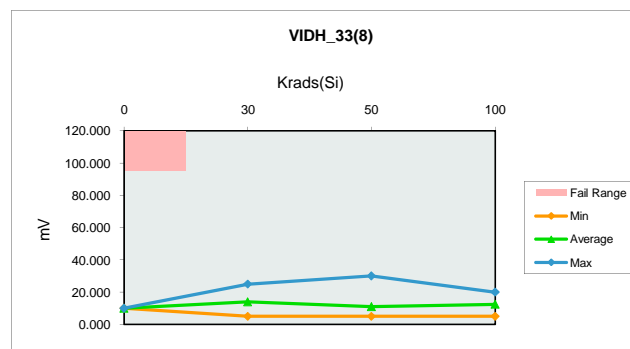
TID HDR Report
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VIDH_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	20.000	53.000	72.60%	55.79%
30	34	73.000	15.000	58.000	79.45%	61.05%
30	35	73.000	10.000	63.000	86.30%	66.32%
30	36	73.000	15.000	58.000	79.45%	61.05%
30	37	73.000	25.000	48.000	65.75%	50.53%
30	38	73.000	15.000	58.000	79.45%	61.05%
30	39	50.000	5.000	45.000	90.00%	47.37%
30	40	60.000	10.000	50.000	83.33%	52.63%
30	41	60.000	20.000	40.000	66.67%	42.11%
30	42	50.000	5.000	45.000	90.00%	47.37%
50	43	73.000	10.000	63.000	86.30%	66.32%
50	44	60.000	30.000	30.000	50.00%	31.58%
50	45	50.000	5.000	45.000	90.00%	47.37%
50	46	73.000	10.000	63.000	86.30%	66.32%
50	47	73.000	10.000	63.000	86.30%	66.32%
50	48	73.000	10.000	63.000	86.30%	66.32%
50	49	50.000	10.000	40.000	80.00%	42.11%
50	50	73.000	15.000	58.000	79.45%	61.05%
50	51	50.000	5.000	45.000	90.00%	47.37%
50	52	50.000	5.000	45.000	90.00%	47.37%
100	53	73.000	10.000	63.000	86.30%	66.32%
100	54	73.000	10.000	63.000	86.30%	66.32%
100	55	73.000	15.000	58.000	79.45%	61.05%
100	56	60.000	5.000	55.000	91.67%	57.89%
100	57	73.000	10.000	63.000	86.30%	66.32%
100	58	50.000	5.000	45.000	90.00%	47.37%
100	59	60.000	20.000	40.000	66.67%	42.11%
100	60	73.000	20.000	53.000	72.60%	55.79%
100	61	73.000	20.000	53.000	72.60%	55.79%
100	62	50.000	10.000	40.000	80.00%	42.11%
0	73	50.000	10.000	40.000	80.00%	42.11%
0	74	50.000	10.000	40.000	80.00%	42.11%
0	75	50.000	10.000	40.000	80.00%	42.11%
	Max	73.000	30.000	63.000	91.67%	66.32%
	Average	63.364	12.273	51.091	80.90%	53.78%
	Min	50.000	5.000	30.000	50.00%	31.58%
	Std Dev	10.606	6.261	9.583	9.12%	10.09%



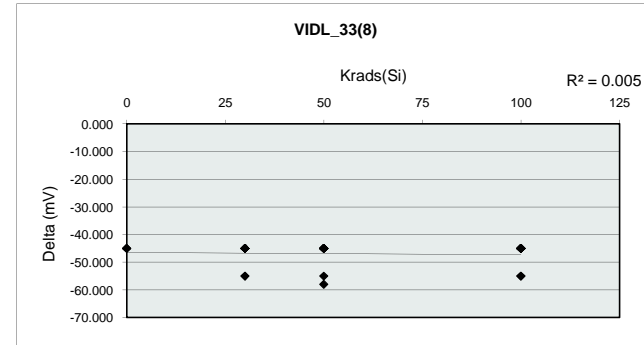
VIDH_33(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	95 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	10.000	5.000	5.000	5.000
Average	10.000	14.000	11.000	12.500
Max	10.000	25.000	30.000	20.000
UL	95.000	95.000	95.000	95.000



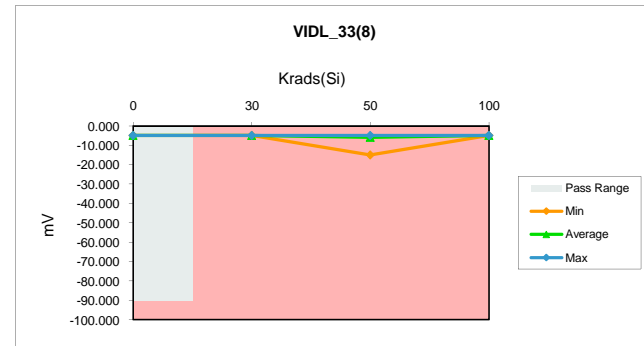
TID HDR Report
SN55LVCP22-SP

VIDL_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-90	-90

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	50.00%
30	34	-50.000	-5.000	-45.000	90.00%	50.00%
30	35	-50.000	-5.000	-45.000	90.00%	50.00%
30	36	-50.000	-5.000	-45.000	90.00%	50.00%
30	37	-50.000	-5.000	-45.000	90.00%	50.00%
30	38	-50.000	-5.000	-45.000	90.00%	50.00%
30	39	-50.000	-5.000	-45.000	90.00%	50.00%
30	40	-60.000	-5.000	-55.000	91.67%	61.11%
30	41	-60.000	-5.000	-55.000	91.67%	61.11%
30	42	-50.000	-5.000	-45.000	90.00%	50.00%
50	43	-50.000	-5.000	-45.000	90.00%	50.00%
50	44	-60.000	-5.000	-55.000	91.67%	61.11%
50	45	-73.000	-15.000	-58.000	79.45%	64.44%
50	46	-50.000	-5.000	-45.000	90.00%	50.00%
50	47	-50.000	-5.000	-45.000	90.00%	50.00%
50	48	-50.000	-5.000	-45.000	90.00%	50.00%
50	49	-50.000	-5.000	-45.000	90.00%	50.00%
50	50	-50.000	-5.000	-45.000	90.00%	50.00%
50	51	-50.000	-5.000	-45.000	90.00%	50.00%
50	52	-50.000	-5.000	-45.000	90.00%	50.00%
100	53	-50.000	-5.000	-45.000	90.00%	50.00%
100	54	-50.000	-5.000	-45.000	90.00%	50.00%
100	55	-50.000	-5.000	-45.000	90.00%	50.00%
100	56	-60.000	-5.000	-55.000	91.67%	61.11%
100	57	-50.000	-5.000	-45.000	90.00%	50.00%
100	58	-50.000	-5.000	-45.000	90.00%	50.00%
100	59	-60.000	-5.000	-55.000	91.67%	61.11%
100	60	-50.000	-5.000	-45.000	90.00%	50.00%
100	61	-50.000	-5.000	-45.000	90.00%	50.00%
100	62	-50.000	-5.000	-45.000	90.00%	50.00%
0	73	-50.000	-5.000	-45.000	90.00%	50.00%
0	74	-50.000	-5.000	-45.000	90.00%	50.00%
0	75	-50.000	-5.000	-45.000	90.00%	50.00%
Max		-50.000	-5.000	-45.000	91.67%	64.44%
Average		-52.212	-5.303	-46.909	89.93%	52.12%
Min		-73.000	-15.000	-58.000	79.45%	50.00%
Std Dev		5.207	1.741	4.141	1.98%	4.60%



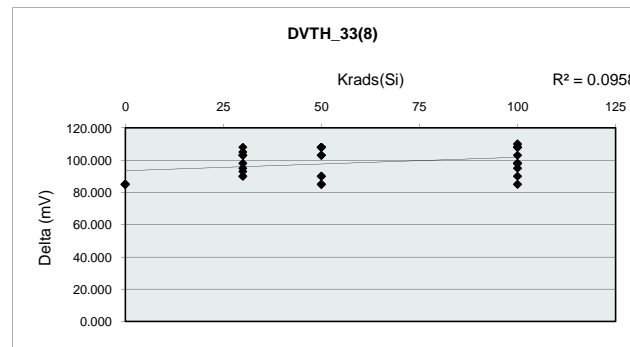
VIDL_33(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-90			
	mV			
Krads(Si)	0	30	50	100
LL	-90.000	-90.000	-90.000	-90.000
Min	-5.000	-5.000	-15.000	-5.000
Average	-5.000	-5.000	-6.000	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



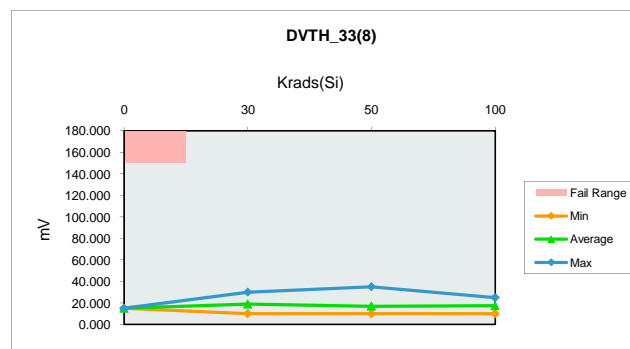
TID HDR Report
SN55LVCP22-SP

DVTH_33(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	25.000	98.000	79.67%	65.33%
30	34	123.000	20.000	103.000	83.74%	68.67%
30	35	123.000	15.000	108.000	87.80%	72.00%
30	36	123.000	20.000	103.000	83.74%	68.67%
30	37	123.000	30.000	93.000	75.61%	62.00%
30	38	123.000	20.000	103.000	83.74%	68.67%
30	39	100.000	10.000	90.000	90.00%	60.00%
30	40	120.000	15.000	105.000	87.50%	70.00%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	100.000	10.000	90.000	90.00%	60.00%
50	43	123.000	15.000	108.000	87.80%	72.00%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	123.000	20.000	103.000	83.74%	68.67%
50	46	123.000	15.000	108.000	87.80%	72.00%
50	47	123.000	15.000	108.000	87.80%	72.00%
50	48	123.000	15.000	108.000	87.80%	72.00%
50	49	100.000	15.000	85.000	85.00%	56.67%
50	50	123.000	20.000	103.000	83.74%	68.67%
50	51	100.000	10.000	90.000	90.00%	60.00%
50	52	100.000	10.000	90.000	90.00%	60.00%
100	53	123.000	15.000	108.000	87.80%	72.00%
100	54	123.000	15.000	108.000	87.80%	72.00%
100	55	123.000	20.000	103.000	83.74%	68.67%
100	56	120.000	10.000	110.000	91.67%	73.33%
100	57	123.000	15.000	108.000	87.80%	72.00%
100	58	100.000	10.000	90.000	90.00%	60.00%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	123.000	25.000	98.000	79.67%	65.33%
100	61	123.000	25.000	98.000	79.67%	65.33%
100	62	100.000	15.000	85.000	85.00%	56.67%
0	73	100.000	15.000	85.000	85.00%	56.67%
0	74	100.000	15.000	85.000	85.00%	56.67%
0	75	100.000	15.000	85.000	85.00%	56.67%
	Max	123.000	35.000	110.000	91.67%	73.33%
	Average	115.576	17.576	98.000	84.93%	65.33%
	Min	100.000	10.000	85.000	70.83%	56.67%
	Std Dev	10.482	6.139	8.874	4.64%	5.92%



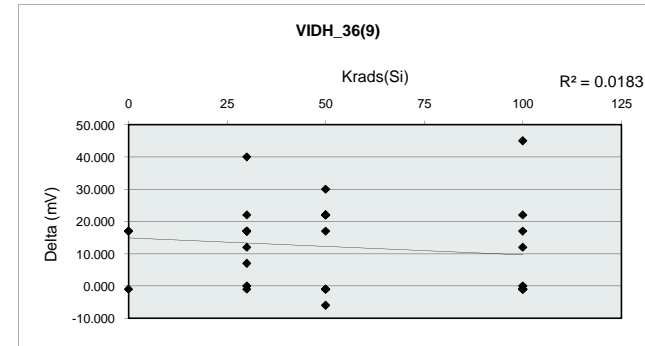
DVTH_33(8)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	150 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		15.000	10.000	10.000	10.000
Average		15.000	19.000	17.000	17.500
Max		15.000	30.000	35.000	25.000
UL		150.000	150.000	150.000	150.000



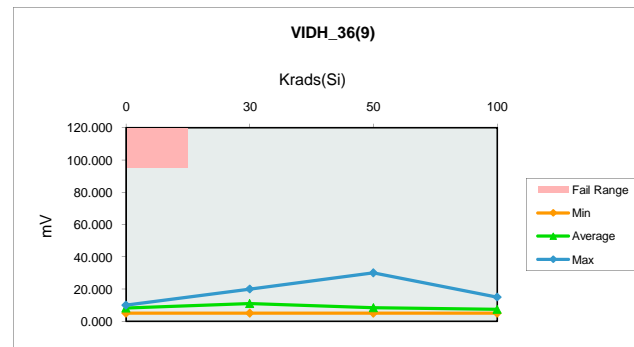
TID HDR Report
SN55LVCP22-SP

VIDH_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	10.000	17.000	62.96%	17.89%
30	34	27.000	5.000	22.000	81.48%	23.16%
30	35	27.000	10.000	17.000	62.96%	17.89%
30	36	4.000	5.000	-1.000	-25.00%	1.05%
30	37	27.000	20.000	7.000	25.93%	7.37%
30	38	27.000	10.000	17.000	62.96%	17.89%
30	39	27.000	10.000	17.000	62.96%	17.89%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	20.000	40.000	66.67%	42.11%
30	42	27.000	15.000	12.000	44.44%	12.63%
50	43	4.000	5.000	-1.000	-25.00%	1.05%
50	44	60.000	30.000	30.000	50.00%	31.58%
50	45	4.000	5.000	-1.000	-25.00%	1.05%
50	46	27.000	5.000	22.000	81.48%	23.16%
50	47	27.000	5.000	22.000	81.48%	23.16%
50	48	27.000	10.000	17.000	62.96%	17.89%
50	49	4.000	5.000	-1.000	-25.00%	1.05%
50	50	4.000	10.000	-6.000	-150.00%	6.32%
50	51	27.000	5.000	22.000	81.48%	23.16%
50	52	27.000	5.000	22.000	81.48%	23.16%
100	53	4.000	5.000	-1.000	-25.00%	1.05%
100	54	4.000	5.000	-1.000	-25.00%	1.05%
100	55	4.000	5.000	-1.000	-25.00%	1.05%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	5.000	22.000	81.48%	23.16%
100	58	27.000	15.000	12.000	44.44%	12.63%
100	59	60.000	15.000	45.000	75.00%	47.37%
100	60	4.000	5.000	-1.000	-25.00%	1.05%
100	61	27.000	10.000	17.000	62.96%	17.89%
100	62	4.000	5.000	-1.000	-25.00%	1.05%
0	73	27.000	10.000	17.000	62.96%	17.89%
0	74	27.000	10.000	17.000	62.96%	17.89%
0	75	4.000	5.000	-1.000	-25.00%	1.05%
	Max	60.000	30.000	45.000	81.48%	47.37%
	Average	21.000	8.939	12.061	27.24%	13.72%
	Min	4.000	5.000	-6.000	-150.00%	0.00%
	Std Dev	16.645	5.831	12.898	53.91%	12.51%



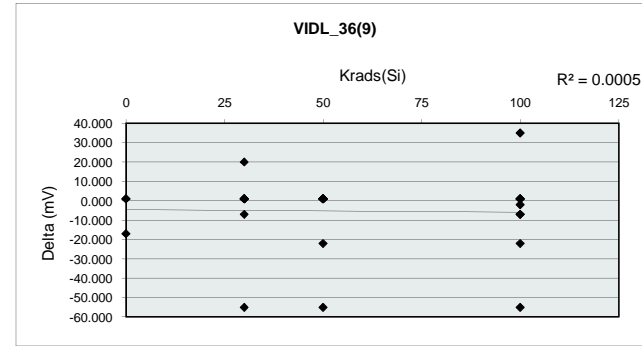
VIDH_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	95 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	5.000	5.000	5.000	5.000
Average	8.333	11.000	8.500	7.500
Max	10.000	20.000	30.000	15.000
UL	95.000	95.000	95.000	95.000



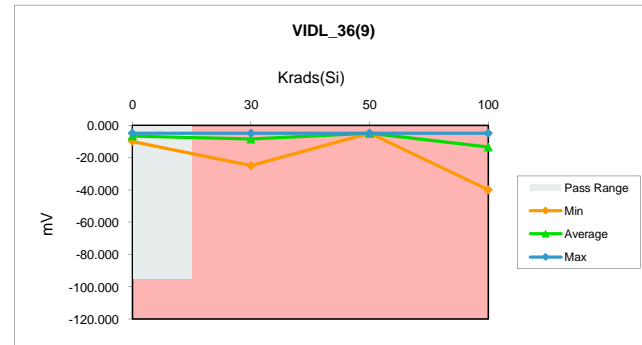
TID HDR Report
SN55LVCP22-SP

VIDL_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-95	-95

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.05%
30	34	-4.000	-5.000	1.000	-25.00%	1.05%
30	35	-4.000	-5.000	1.000	-25.00%	1.05%
30	36	-27.000	-20.000	-7.000	25.93%	7.37%
30	37	-4.000	-5.000	1.000	-25.00%	1.05%
30	38	-4.000	-5.000	1.000	-25.00%	1.05%
30	39	-4.000	-5.000	1.000	-25.00%	1.05%
30	40	-5.000	-25.000	20.000	-400.00%	21.05%
30	41	-60.000	-5.000	-55.000	91.67%	57.89%
30	42	-4.000	-5.000	1.000	-25.00%	1.05%
50	43	-4.000	-5.000	1.000	-25.00%	1.05%
50	44	-60.000	-5.000	-55.000	91.67%	57.89%
50	45	-4.000	-5.000	1.000	-25.00%	1.05%
50	46	-4.000	-5.000	1.000	-25.00%	1.05%
50	47	-4.000	-5.000	1.000	-25.00%	1.05%
50	48	-4.000	-5.000	1.000	-25.00%	1.05%
50	49	-27.000	-5.000	-22.000	81.48%	23.16%
50	50	-4.000	-5.000	1.000	-25.00%	1.05%
50	51	-4.000	-5.000	1.000	-25.00%	1.05%
50	52	-4.000	-5.000	1.000	-25.00%	1.05%
100	53	-4.000	-5.000	1.000	-25.00%	1.05%
100	54	-27.000	-20.000	-7.000	25.93%	7.37%
100	55	-27.000	-20.000	-7.000	25.93%	7.37%
100	56	-5.000	-40.000	35.000	-700.00%	36.84%
100	57	-4.000	-5.000	1.000	-25.00%	1.05%
100	58	-4.000	-5.000	1.000	-25.00%	1.05%
100	59	-60.000	-5.000	-55.000	91.67%	57.89%
100	60	-27.000	-5.000	-22.000	81.48%	23.16%
100	61	-4.000	-5.000	1.000	-25.00%	1.05%
100	62	-27.000	-25.000	-2.000	7.41%	2.11%
0	73	-4.000	-5.000	1.000	-25.00%	1.05%
0	74	-4.000	-5.000	1.000	-25.00%	1.05%
0	75	-27.000	-10.000	-17.000	62.96%	17.89%
Max		-4.000	-5.000	35.000	91.67%	57.89%
Average		-14.030	-8.788	-5.242	-31.48%	10.37%
Min		-60.000	-40.000	-55.000	-700.00%	1.05%
Std Dev		17.494	8.388	18.727	145.23%	17.58%



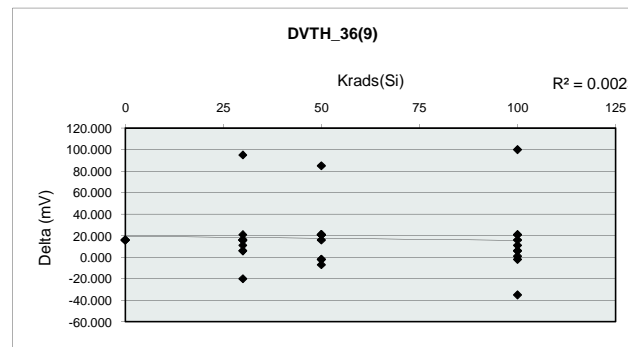
VIDL_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-95			
	mV			
Krads(Si)	0	30	50	100
LL	-95.000	-95.000	-95.000	-95.000
Min	-10.000	-25.000	-5.000	-40.000
Average	-6.667	-8.500	-5.000	-13.500
Max	-5.000	-5.000	-5.000	-5.000
UL				



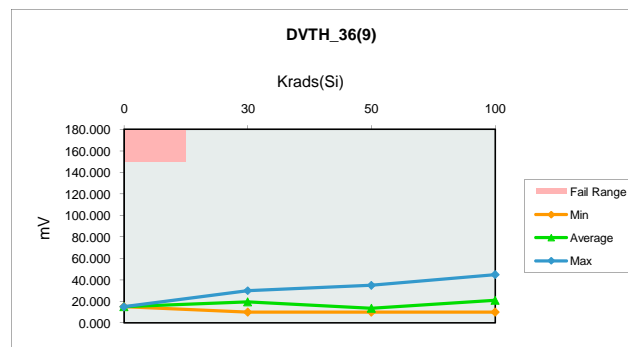
TID HDR Report
SN55LVCP22-SP

DVTH_36(9)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	15.000	16.000	51.61%	10.67%
30	34	31.000	10.000	21.000	67.74%	14.00%
30	35	31.000	15.000	16.000	51.61%	10.67%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	25.000	6.000	19.35%	4.00%
30	38	31.000	15.000	16.000	51.61%	10.67%
30	39	31.000	15.000	16.000	51.61%	10.67%
30	40	10.000	30.000	-20.000	-200.00%	13.33%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	31.000	20.000	11.000	35.48%	7.33%
50	43	8.000	10.000	-2.000	-25.00%	1.33%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	8.000	10.000	-2.000	-25.00%	1.33%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	31.000	10.000	21.000	67.74%	14.00%
50	48	31.000	15.000	16.000	51.61%	10.67%
50	49	31.000	10.000	21.000	67.74%	14.00%
50	50	8.000	15.000	-7.000	-87.50%	4.67%
50	51	31.000	10.000	21.000	67.74%	14.00%
50	52	31.000	10.000	21.000	67.74%	14.00%
100	53	8.000	10.000	-2.000	-25.00%	1.33%
100	54	31.000	25.000	6.000	19.35%	4.00%
100	55	31.000	25.000	6.000	19.35%	4.00%
100	56	10.000	45.000	-35.000	-350.00%	23.33%
100	57	31.000	10.000	21.000	67.74%	14.00%
100	58	31.000	20.000	11.000	35.48%	7.33%
100	59	120.000	20.000	100.000	83.33%	66.67%
100	60	31.000	10.000	21.000	67.74%	14.00%
100	61	31.000	15.000	16.000	51.61%	10.67%
100	62	31.000	30.000	1.000	3.23%	0.67%
0	73	31.000	15.000	16.000	51.61%	10.67%
0	74	31.000	15.000	16.000	51.61%	10.67%
0	75	31.000	15.000	16.000	51.61%	10.67%
Max		120.000	45.000	100.000	83.33%	66.67%
Average		35.030	17.727	17.303	20.57%	14.28%
Min		8.000	10.000	-35.000	-350.00%	0.67%
Std Dev		28.627	8.578	27.543	86.78%	16.25%



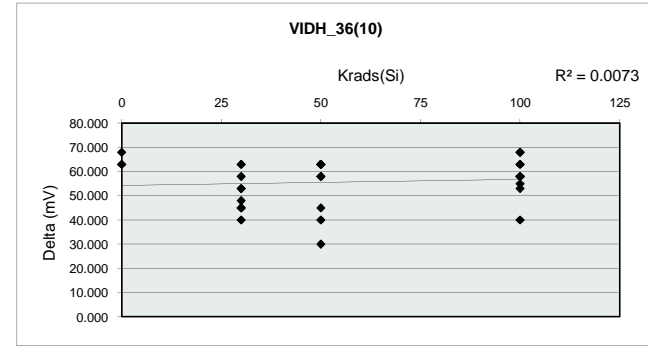
DVTH_36(9)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150	mV		
Min Limit		mV		
Krads(Si)	0	30	50	100
LL				
Min	15.000	10.000	10.000	10.000
Average	15.000	19.500	13.500	21.000
Max	15.000	30.000	35.000	45.000
UL	150.000	150.000	150.000	150.000



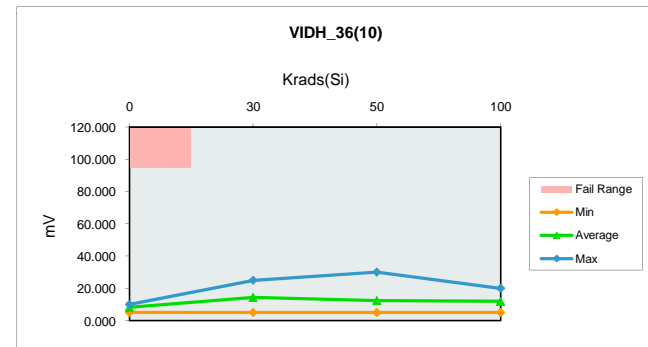
TID HDR Report
SN55LVCP22-SP

VIDH_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	20.000	53.000	72.60%	55.79%
30	34	73.000	15.000	58.000	79.45%	61.05%
30	35	73.000	10.000	63.000	86.30%	66.32%
30	36	73.000	10.000	63.000	86.30%	66.32%
30	37	73.000	25.000	48.000	65.75%	50.53%
30	38	73.000	20.000	53.000	72.60%	55.79%
30	39	50.000	5.000	45.000	90.00%	47.37%
30	40	60.000	15.000	45.000	75.00%	47.37%
30	41	60.000	20.000	40.000	66.67%	42.11%
30	42	50.000	5.000	45.000	90.00%	47.37%
50	43	73.000	10.000	63.000	86.30%	66.32%
50	44	60.000	30.000	30.000	50.00%	31.58%
50	45	50.000	5.000	45.000	90.00%	47.37%
50	46	73.000	15.000	58.000	79.45%	61.05%
50	47	73.000	15.000	58.000	79.45%	61.05%
50	48	73.000	10.000	63.000	86.30%	66.32%
50	49	73.000	10.000	63.000	86.30%	66.32%
50	50	73.000	10.000	63.000	86.30%	66.32%
50	51	50.000	10.000	40.000	80.00%	42.11%
50	52	73.000	10.000	63.000	86.30%	66.32%
100	53	73.000	5.000	68.000	93.15%	71.58%
100	54	73.000	10.000	63.000	86.30%	66.32%
100	55	73.000	20.000	53.000	72.60%	55.79%
100	56	60.000	5.000	55.000	91.67%	57.89%
100	57	73.000	15.000	58.000	79.45%	61.05%
100	58	73.000	5.000	68.000	93.15%	71.58%
100	59	60.000	20.000	40.000	66.67%	42.11%
100	60	73.000	15.000	58.000	79.45%	61.05%
100	61	73.000	15.000	58.000	79.45%	61.05%
100	62	73.000	10.000	63.000	86.30%	66.32%
0	73	73.000	10.000	63.000	86.30%	66.32%
0	74	73.000	10.000	63.000	86.30%	66.32%
0	75	73.000	5.000	68.000	93.15%	71.58%
Max		73.000	30.000	68.000	93.15%	71.58%
Average		68.242	12.576	55.667	81.49%	58.60%
Min		50.000	5.000	30.000	50.00%	31.58%
Std Dev		8.318	6.265	9.701	9.63%	10.21%



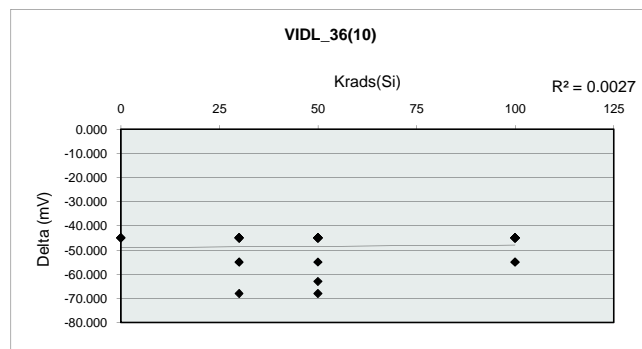
VIDH_36(10)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	95 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		5.000	5.000	5.000	5.000
Average		8.333	14.500	12.500	12.000
Max		10.000	25.000	30.000	20.000
UL		95.000	95.000	95.000	95.000



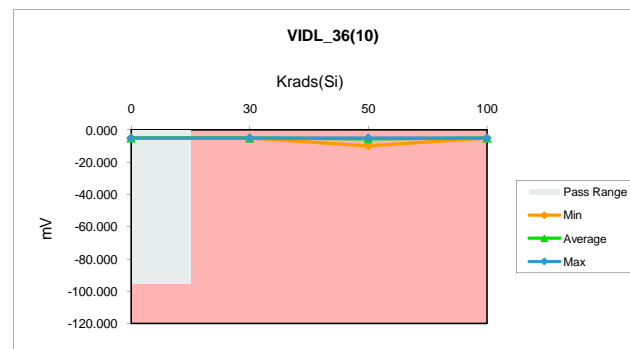
TID HDR Report
SN55LVCP22-SP

VIDL_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-95	-95

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	47.37%
30	34	-50.000	-5.000	-45.000	90.00%	47.37%
30	35	-50.000	-5.000	-45.000	90.00%	47.37%
30	36	-50.000	-5.000	-45.000	90.00%	47.37%
30	37	-50.000	-5.000	-45.000	90.00%	47.37%
30	38	-50.000	-5.000	-45.000	90.00%	47.37%
30	39	-50.000	-5.000	-45.000	90.00%	47.37%
30	40	-60.000	-5.000	-55.000	91.67%	57.89%
30	41	-60.000	-5.000	-55.000	91.67%	57.89%
30	42	-73.000	-5.000	-68.000	93.15%	71.58%
50	43	-50.000	-5.000	-45.000	90.00%	47.37%
50	44	-60.000	-5.000	-55.000	91.67%	57.89%
50	45	-73.000	-10.000	-63.000	86.30%	66.32%
50	46	-50.000	-5.000	-45.000	90.00%	47.37%
50	47	-50.000	-5.000	-45.000	90.00%	47.37%
50	48	-50.000	-5.000	-45.000	90.00%	47.37%
50	49	-50.000	-5.000	-45.000	90.00%	47.37%
50	50	-50.000	-5.000	-45.000	90.00%	47.37%
50	51	-73.000	-5.000	-68.000	93.15%	71.58%
50	52	-50.000	-5.000	-45.000	90.00%	47.37%
100	53	-50.000	-5.000	-45.000	90.00%	47.37%
100	54	-50.000	-5.000	-45.000	90.00%	47.37%
100	55	-50.000	-5.000	-45.000	90.00%	47.37%
100	56	-60.000	-5.000	-55.000	91.67%	57.89%
100	57	-50.000	-5.000	-45.000	90.00%	47.37%
100	58	-50.000	-5.000	-45.000	90.00%	47.37%
100	59	-60.000	-5.000	-55.000	91.67%	57.89%
100	60	-50.000	-5.000	-45.000	90.00%	47.37%
100	61	-50.000	-5.000	-45.000	90.00%	47.37%
100	62	-50.000	-5.000	-45.000	90.00%	47.37%
0	73	-50.000	-5.000	-45.000	90.00%	47.37%
0	74	-50.000	-5.000	-45.000	90.00%	47.37%
0	75	-50.000	-5.000	-45.000	90.00%	47.37%
Max		-50.000	-5.000	-45.000	93.15%	71.58%
Average		-53.606	-5.152	-48.455	90.33%	51.00%
Min		-73.000	-10.000	-68.000	86.30%	47.37%
Std Dev		7.198	0.870	6.820	1.17%	7.18%



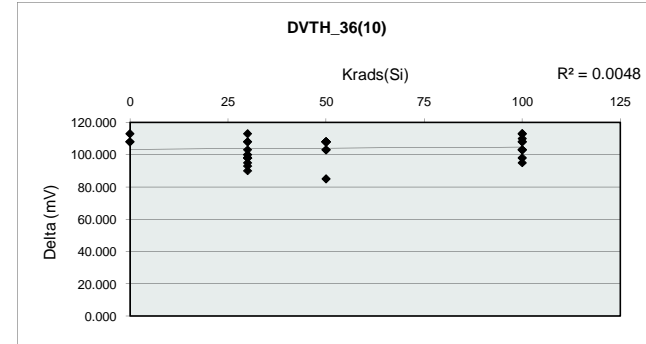
VIDL_36(10)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-95			
	mV			
Krads(Si)	0	30	50	100
LL	-95.000	-95.000	-95.000	-95.000
Min	-5.000	-5.000	-10.000	-5.000
Average	-5.000	-5.000	-5.500	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



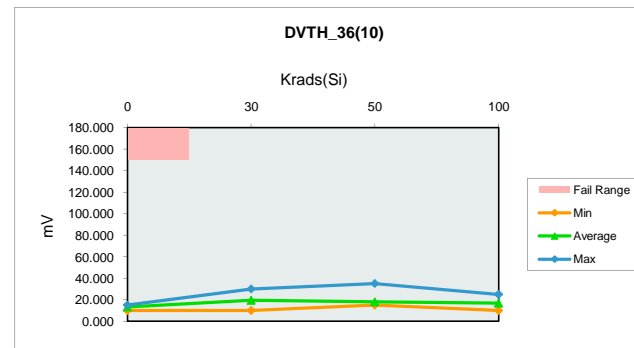
TID HDR Report
SN55LVCP22-SP

DVTH_36(10)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	25.000	98.000	79.67%	65.33%
30	34	123.000	20.000	103.000	83.74%	68.67%
30	35	123.000	15.000	108.000	87.80%	72.00%
30	36	123.000	15.000	108.000	87.80%	72.00%
30	37	123.000	30.000	93.000	75.61%	62.00%
30	38	123.000	25.000	98.000	79.67%	65.33%
30	39	100.000	10.000	90.000	90.00%	60.00%
30	40	120.000	20.000	100.000	83.33%	66.67%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	123.000	10.000	113.000	91.87%	75.33%
50	43	123.000	15.000	108.000	87.80%	72.00%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	123.000	15.000	108.000	87.80%	72.00%
50	46	123.000	20.000	103.000	83.74%	68.67%
50	47	123.000	20.000	103.000	83.74%	68.67%
50	48	123.000	15.000	108.000	87.80%	72.00%
50	49	123.000	15.000	108.000	87.80%	72.00%
50	50	123.000	15.000	108.000	87.80%	72.00%
50	51	123.000	15.000	108.000	87.80%	72.00%
50	52	123.000	15.000	108.000	87.80%	72.00%
100	53	123.000	10.000	113.000	91.87%	75.33%
100	54	123.000	15.000	108.000	87.80%	72.00%
100	55	123.000	25.000	98.000	79.67%	65.33%
100	56	120.000	10.000	110.000	91.67%	73.33%
100	57	123.000	20.000	103.000	83.74%	68.67%
100	58	123.000	10.000	113.000	91.87%	75.33%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	123.000	20.000	103.000	83.74%	68.67%
100	61	123.000	20.000	103.000	83.74%	68.67%
100	62	123.000	15.000	108.000	87.80%	72.00%
0	73	123.000	15.000	108.000	87.80%	72.00%
0	74	123.000	15.000	108.000	87.80%	72.00%
0	75	123.000	10.000	113.000	91.87%	75.33%
Max		123.000	35.000	113.000	91.87%	75.33%
Average		121.848	17.727	104.121	85.46%	69.41%
Min		100.000	10.000	85.000	70.83%	56.67%
Std Dev		4.071	6.135	6.932	5.02%	4.62%



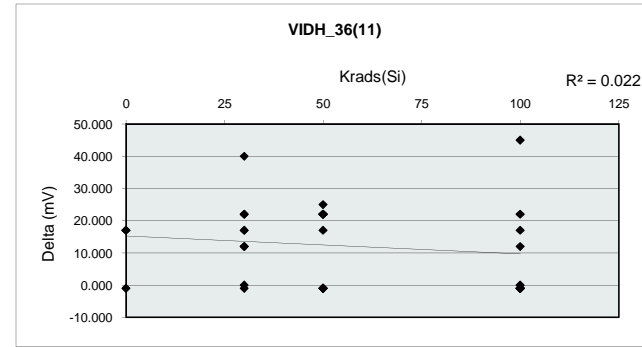
DVTH_36(10)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	150	mV		
Min Limit		mV		
Krads(Si)	0	30	50	100
LL				
Min	10.000	10.000	15.000	10.000
Average	13.333	19.500	18.000	17.000
Max	15.000	30.000	35.000	25.000
UL	150.000	150.000	150.000	150.000



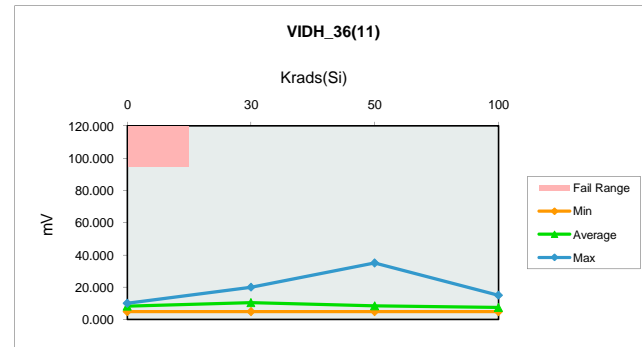
TID HDR Report
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VIDH_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	27.000	5.000	22.000	81.48%	23.16%
30	34	27.000	5.000	22.000	81.48%	23.16%
30	35	27.000	15.000	12.000	44.44%	12.63%
30	36	4.000	5.000	-1.000	-25.00%	1.05%
30	37	27.000	15.000	12.000	44.44%	12.63%
30	38	27.000	10.000	17.000	62.96%	17.89%
30	39	27.000	15.000	12.000	44.44%	12.63%
30	40	5.000	5.000	0.000	0.00%	0.00%
30	41	60.000	20.000	40.000	66.67%	42.11%
30	42	27.000	10.000	17.000	62.96%	17.89%
50	43	4.000	5.000	-1.000	-25.00%	1.05%
50	44	60.000	35.000	25.000	41.67%	26.32%
50	45	4.000	5.000	-1.000	-25.00%	1.05%
50	46	27.000	5.000	22.000	81.48%	23.16%
50	47	27.000	5.000	22.000	81.48%	23.16%
50	48	27.000	10.000	17.000	62.96%	17.89%
50	49	4.000	5.000	-1.000	-25.00%	1.05%
50	50	4.000	5.000	-1.000	-25.00%	1.05%
50	51	27.000	5.000	22.000	81.48%	23.16%
50	52	27.000	5.000	22.000	81.48%	23.16%
100	53	4.000	5.000	-1.000	-25.00%	1.05%
100	54	4.000	5.000	-1.000	-25.00%	1.05%
100	55	4.000	5.000	-1.000	-25.00%	1.05%
100	56	5.000	5.000	0.000	0.00%	0.00%
100	57	27.000	5.000	22.000	81.48%	23.16%
100	58	27.000	15.000	12.000	44.44%	12.63%
100	59	60.000	15.000	45.000	75.00%	47.37%
100	60	4.000	5.000	-1.000	-25.00%	1.05%
100	61	27.000	10.000	17.000	62.96%	17.89%
100	62	4.000	5.000	-1.000	-25.00%	1.05%
0	73	27.000	10.000	17.000	62.96%	17.89%
0	74	27.000	10.000	17.000	62.96%	17.89%
0	75	4.000	5.000	-1.000	-25.00%	1.05%
Max		60.000	35.000	45.000	81.48%	47.37%
Average		21.000	8.788	12.212	31.34%	13.56%
Min		4.000	5.000	-1.000	-25.00%	0.00%
Std Dev		16.645	6.377	12.547	44.87%	12.46%



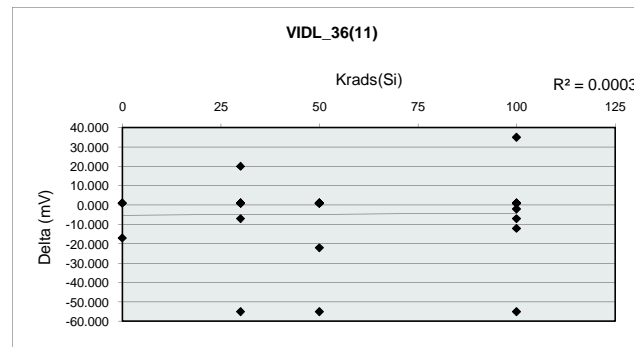
VIDH_36(11)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	95 mV			
Min Limit	mV			
Krads(Si)	0	30	50	100
LL				
Min	5.000	5.000	5.000	5.000
Average	8.333	10.500	8.500	7.500
Max	10.000	20.000	35.000	15.000
UL	95.000	95.000	95.000	95.000



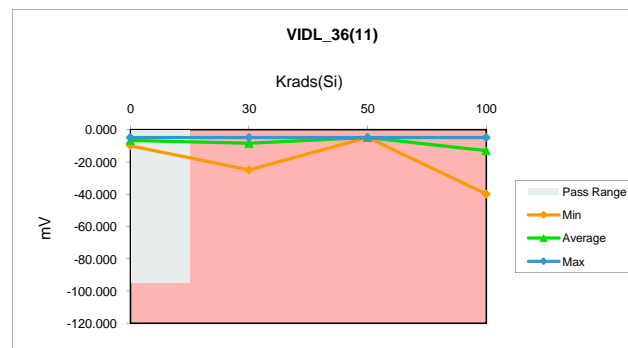
TID HDR Report
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VIDL_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-95	-95

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-4.000	-5.000	1.000	-25.00%	1.05%
30	34	-4.000	-5.000	1.000	-25.00%	1.05%
30	35	-4.000	-5.000	1.000	-25.00%	1.05%
30	36	-27.000	-20.000	-7.000	25.93%	7.37%
30	37	-4.000	-5.000	1.000	-25.00%	1.05%
30	38	-4.000	-5.000	1.000	-25.00%	1.05%
30	39	-4.000	-5.000	1.000	-25.00%	1.05%
30	40	-5.000	-25.000	20.000	-400.00%	21.05%
30	41	-60.000	-5.000	-55.000	91.67%	57.89%
30	42	-4.000	-5.000	1.000	-25.00%	1.05%
50	43	-4.000	-5.000	1.000	-25.00%	1.05%
50	44	-60.000	-5.000	-55.000	91.67%	57.89%
50	45	-4.000	-5.000	1.000	-25.00%	1.05%
50	46	-4.000	-5.000	1.000	-25.00%	1.05%
50	47	-4.000	-5.000	1.000	-25.00%	1.05%
50	48	-4.000	-5.000	1.000	-25.00%	1.05%
50	49	-27.000	-5.000	-22.000	81.48%	23.16%
50	50	-4.000	-5.000	1.000	-25.00%	1.05%
50	51	-4.000	-5.000	1.000	-25.00%	1.05%
50	52	-4.000	-5.000	1.000	-25.00%	1.05%
100	53	-4.000	-5.000	1.000	-25.00%	1.05%
100	54	-27.000	-15.000	-12.000	44.44%	12.63%
100	55	-27.000	-20.000	-7.000	25.93%	7.37%
100	56	-5.000	-40.000	35.000	-700.00%	36.84%
100	57	-4.000	-5.000	1.000	-25.00%	1.05%
100	58	-4.000	-5.000	1.000	-25.00%	1.05%
100	59	-60.000	-5.000	-55.000	91.67%	57.89%
100	60	-4.000	-5.000	1.000	-25.00%	1.05%
100	61	-4.000	-5.000	1.000	-25.00%	1.05%
100	62	-27.000	-25.000	-2.000	7.41%	2.11%
0	73	-4.000	-5.000	1.000	-25.00%	1.05%
0	74	-4.000	-5.000	1.000	-25.00%	1.05%
0	75	-27.000	-10.000	-17.000	62.96%	17.89%
Max		-4.000	-5.000	35.000	91.67%	57.89%
Average		-13.333	-8.636	-4.697	-34.15%	9.86%
Min		-60.000	-40.000	-55.000	-700.00%	1.05%
Std Dev		17.419	8.223	18.551	144.10%	17.50%



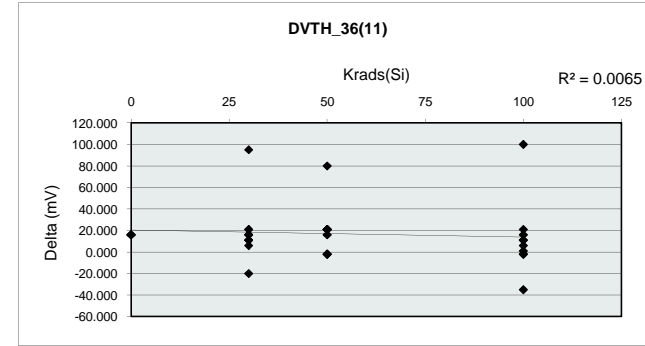
VIDL_36(11)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-95			
	mV			
Krads(Si)	0	30	50	100
LL	-95.000	-95.000	-95.000	-95.000
Min	-10.000	-25.000	-5.000	-40.000
Average	-6.667	-8.500	-5.000	-13.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



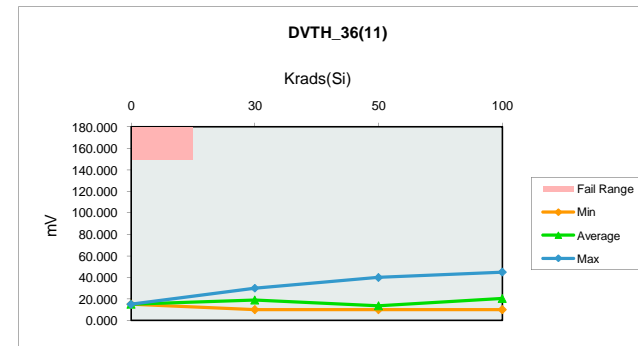
TID HDR Report
SN55LVCP22-SP

DVTH_36(11)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	31.000	10.000	21.000	67.74%	14.00%
30	34	31.000	10.000	21.000	67.74%	14.00%
30	35	31.000	20.000	11.000	35.48%	7.33%
30	36	31.000	25.000	6.000	19.35%	4.00%
30	37	31.000	20.000	11.000	35.48%	7.33%
30	38	31.000	15.000	16.000	51.61%	10.67%
30	39	31.000	20.000	11.000	35.48%	7.33%
30	40	10.000	30.000	-20.000	-200.00%	13.33%
30	41	120.000	25.000	95.000	79.17%	63.33%
30	42	31.000	15.000	16.000	51.61%	10.67%
50	43	8.000	10.000	-2.000	-25.00%	1.33%
50	44	120.000	40.000	80.000	66.67%	53.33%
50	45	8.000	10.000	-2.000	-25.00%	1.33%
50	46	31.000	10.000	21.000	67.74%	14.00%
50	47	31.000	10.000	21.000	67.74%	14.00%
50	48	31.000	15.000	16.000	51.61%	10.67%
50	49	31.000	10.000	21.000	67.74%	14.00%
50	50	8.000	10.000	-2.000	-25.00%	1.33%
50	51	31.000	10.000	21.000	67.74%	14.00%
50	52	31.000	10.000	21.000	67.74%	14.00%
100	53	8.000	10.000	-2.000	-25.00%	1.33%
100	54	31.000	20.000	11.000	35.48%	7.33%
100	55	31.000	25.000	6.000	19.35%	4.00%
100	56	10.000	45.000	-35.000	-350.00%	23.33%
100	57	31.000	10.000	21.000	67.74%	14.00%
100	58	31.000	20.000	11.000	35.48%	7.33%
100	59	120.000	20.000	100.000	83.33%	66.67%
100	60	8.000	10.000	-2.000	-25.00%	1.33%
100	61	31.000	15.000	16.000	51.61%	10.67%
100	62	31.000	30.000	1.000	3.23%	0.67%
0	73	31.000	15.000	16.000	51.61%	10.67%
0	74	31.000	15.000	16.000	51.61%	10.67%
0	75	31.000	15.000	16.000	51.61%	10.67%
	Max	120.000	45.000	100.000	83.33%	66.67%
	Average	34.333	17.424	16.909	20.51%	13.90%
	Min	8.000	10.000	-35.000	-350.00%	0.67%
	Std Dev	29.006	8.937	27.176	85.11%	16.13%



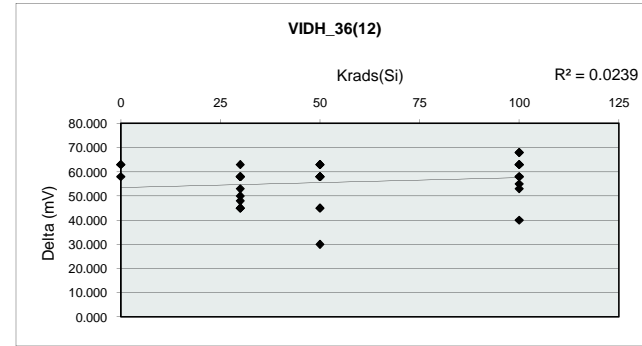
DVTH_36(11)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	150	mV			
Min Limit		mV			
	Krads(Si)	0	30	50	100
LL					
Min		15.000	10.000	10.000	10.000
Average		15.000	19.000	13.500	20.500
Max		15.000	30.000	40.000	45.000
UL		150.000	150.000	150.000	150.000



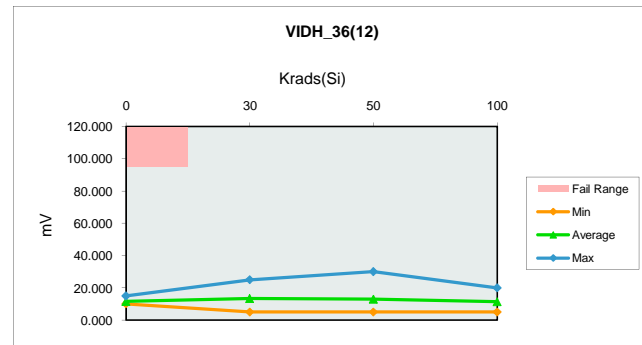
TID HDR Report
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VIDH_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	95	95
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	73.000	20.000	53.000	72.60%	55.79%
30	34	73.000	15.000	58.000	79.45%	61.05%
30	35	73.000	10.000	63.000	86.30%	66.32%
30	36	73.000	15.000	58.000	79.45%	61.05%
30	37	73.000	25.000	48.000	65.75%	50.53%
30	38	73.000	15.000	58.000	79.45%	61.05%
30	39	50.000	5.000	45.000	90.00%	47.37%
30	40	60.000	10.000	50.000	83.33%	52.63%
30	41	60.000	15.000	45.000	75.00%	47.37%
30	42	50.000	5.000	45.000	90.00%	47.37%
50	43	73.000	10.000	63.000	86.30%	66.32%
50	44	60.000	30.000	30.000	50.00%	31.58%
50	45	50.000	5.000	45.000	90.00%	47.37%
50	46	73.000	15.000	58.000	79.45%	61.05%
50	47	73.000	15.000	58.000	79.45%	61.05%
50	48	73.000	15.000	58.000	79.45%	61.05%
50	49	73.000	10.000	63.000	86.30%	66.32%
50	50	73.000	15.000	58.000	79.45%	61.05%
50	51	50.000	5.000	45.000	90.00%	47.37%
50	52	73.000	10.000	63.000	86.30%	66.32%
100	53	73.000	5.000	68.000	93.15%	71.58%
100	54	73.000	5.000	68.000	93.15%	71.58%
100	55	73.000	20.000	53.000	72.60%	55.79%
100	56	60.000	5.000	55.000	91.67%	57.89%
100	57	73.000	10.000	63.000	86.30%	66.32%
100	58	73.000	10.000	63.000	86.30%	66.32%
100	59	60.000	20.000	40.000	66.67%	42.11%
100	60	73.000	15.000	58.000	79.45%	61.05%
100	61	73.000	15.000	58.000	79.45%	61.05%
100	62	73.000	10.000	63.000	86.30%	66.32%
0	73	73.000	10.000	63.000	86.30%	66.32%
0	74	73.000	15.000	58.000	79.45%	61.05%
0	75	73.000	10.000	63.000	86.30%	66.32%
	Max	73.000	30.000	68.000	93.15%	71.58%
	Average	68.242	12.576	55.667	81.67%	58.60%
	Min	50.000	5.000	30.000	50.00%	31.58%
	Std Dev	8.318	6.011	8.699	8.97%	9.16%



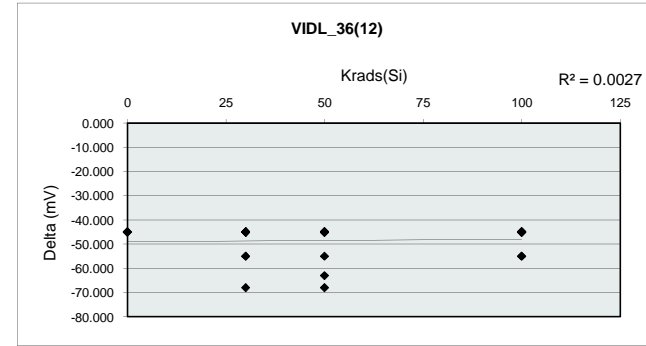
VIDH_36(12)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	95 mV				
Min Limit	mV				
	Krads(Si)	0	30	50	100
LL					
Min		10.000	5.000	5.000	5.000
Average		11.667	13.500	13.000	11.500
Max		15.000	25.000	30.000	20.000
UL		95.000	95.000	95.000	95.000



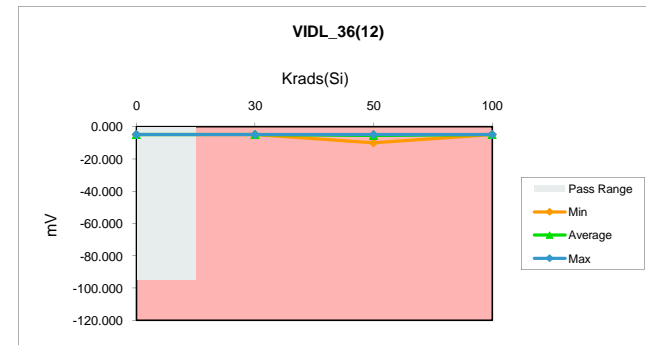
TID HDR Report
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VIDL_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit		
Min Limit	-95	-95

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-50.000	-5.000	-45.000	90.00%	47.37%
30	34	-50.000	-5.000	-45.000	90.00%	47.37%
30	35	-50.000	-5.000	-45.000	90.00%	47.37%
30	36	-50.000	-5.000	-45.000	90.00%	47.37%
30	37	-50.000	-5.000	-45.000	90.00%	47.37%
30	38	-50.000	-5.000	-45.000	90.00%	47.37%
30	39	-50.000	-5.000	-45.000	90.00%	47.37%
30	40	-60.000	-5.000	-55.000	91.67%	57.89%
30	41	-60.000	-5.000	-55.000	91.67%	57.89%
30	42	-73.000	-5.000	-68.000	93.15%	71.58%
50	43	-50.000	-5.000	-45.000	90.00%	47.37%
50	44	-60.000	-5.000	-55.000	91.67%	57.89%
50	45	-73.000	-10.000	-63.000	86.30%	66.32%
50	46	-50.000	-5.000	-45.000	90.00%	47.37%
50	47	-50.000	-5.000	-45.000	90.00%	47.37%
50	48	-50.000	-5.000	-45.000	90.00%	47.37%
50	49	-50.000	-5.000	-45.000	90.00%	47.37%
50	50	-50.000	-5.000	-45.000	90.00%	47.37%
50	51	-73.000	-5.000	-68.000	93.15%	71.58%
50	52	-50.000	-5.000	-45.000	90.00%	47.37%
100	53	-50.000	-5.000	-45.000	90.00%	47.37%
100	54	-50.000	-5.000	-45.000	90.00%	47.37%
100	55	-50.000	-5.000	-45.000	90.00%	47.37%
100	56	-60.000	-5.000	-55.000	91.67%	57.89%
100	57	-50.000	-5.000	-45.000	90.00%	47.37%
100	58	-50.000	-5.000	-45.000	90.00%	47.37%
100	59	-60.000	-5.000	-55.000	91.67%	57.89%
100	60	-50.000	-5.000	-45.000	90.00%	47.37%
100	61	-50.000	-5.000	-45.000	90.00%	47.37%
100	62	-50.000	-5.000	-45.000	90.00%	47.37%
0	73	-50.000	-5.000	-45.000	90.00%	47.37%
0	74	-50.000	-5.000	-45.000	90.00%	47.37%
0	75	-50.000	-5.000	-45.000	90.00%	47.37%
Max		-50.000	-5.000	-45.000	93.15%	71.58%
Average		-53.606	-5.152	-48.455	90.33%	51.00%
Min		-73.000	-10.000	-68.000	86.30%	47.37%
Std Dev		7.198	0.870	6.820	1.17%	7.18%



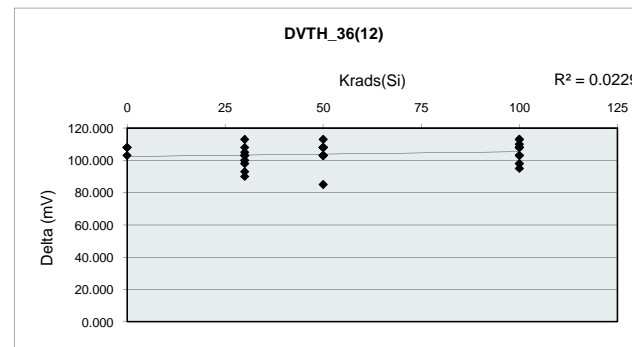
VIDL_36(12)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	mV			
Min Limit	-95 mV			
Krads(Si)	0	30	50	100
LL	-95.000	-95.000	-95.000	-95.000
Min	-5.000	-5.000	-10.000	-5.000
Average	-5.000	-5.000	-5.500	-5.000
Max	-5.000	-5.000	-5.000	-5.000
UL				



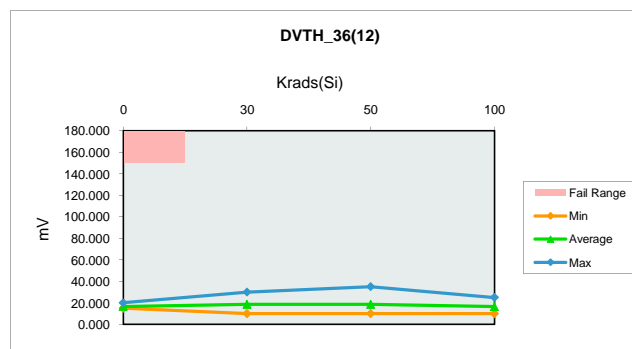
TID HDR Report
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DVTH_36(12)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	150	150
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	123.000	25.000	98.000	79.67%	65.33%
30	34	123.000	20.000	103.000	83.74%	68.67%
30	35	123.000	15.000	108.000	87.80%	72.00%
30	36	123.000	20.000	103.000	83.74%	68.67%
30	37	123.000	30.000	93.000	75.61%	62.00%
30	38	123.000	20.000	103.000	83.74%	68.67%
30	39	100.000	10.000	90.000	90.00%	60.00%
30	40	120.000	15.000	105.000	87.50%	70.00%
30	41	120.000	20.000	100.000	83.33%	66.67%
30	42	123.000	10.000	113.000	91.87%	75.33%
50	43	123.000	15.000	108.000	87.80%	72.00%
50	44	120.000	35.000	85.000	70.83%	56.67%
50	45	123.000	15.000	108.000	87.80%	72.00%
50	46	123.000	20.000	103.000	83.74%	68.67%
50	47	123.000	20.000	103.000	83.74%	68.67%
50	48	123.000	20.000	103.000	83.74%	68.67%
50	49	123.000	15.000	108.000	87.80%	72.00%
50	50	123.000	20.000	103.000	83.74%	68.67%
50	51	123.000	10.000	113.000	91.87%	75.33%
50	52	123.000	15.000	108.000	87.80%	72.00%
100	53	123.000	10.000	113.000	91.87%	75.33%
100	54	123.000	10.000	113.000	91.87%	75.33%
100	55	123.000	25.000	98.000	79.67%	65.33%
100	56	120.000	10.000	110.000	91.67%	73.33%
100	57	123.000	15.000	108.000	87.80%	72.00%
100	58	123.000	15.000	108.000	87.80%	72.00%
100	59	120.000	25.000	95.000	79.17%	63.33%
100	60	123.000	20.000	103.000	83.74%	68.67%
100	61	123.000	20.000	103.000	83.74%	68.67%
100	62	123.000	15.000	108.000	87.80%	72.00%
0	73	123.000	15.000	108.000	87.80%	72.00%
0	74	123.000	20.000	103.000	83.74%	68.67%
0	75	123.000	15.000	108.000	87.80%	72.00%
Max		123.000	35.000	113.000	91.87%	75.33%
Average		121.848	17.727	104.121	85.47%	69.41%
Min		100.000	10.000	85.000	70.83%	56.67%
Std Dev		4.071	5.875	6.561	4.79%	4.37%



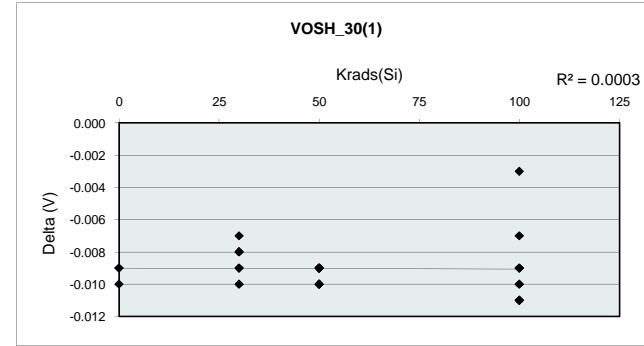
DVTH_36(12)					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	150	mV			
Min Limit		mV			
	Krads(Si)	0	30	50	100
LL					
Min		15.000	10.000	10.000	10.000
Average		16.667	18.500	18.500	16.500
Max		20.000	30.000	35.000	25.000
UL		150.000	150.000	150.000	150.000



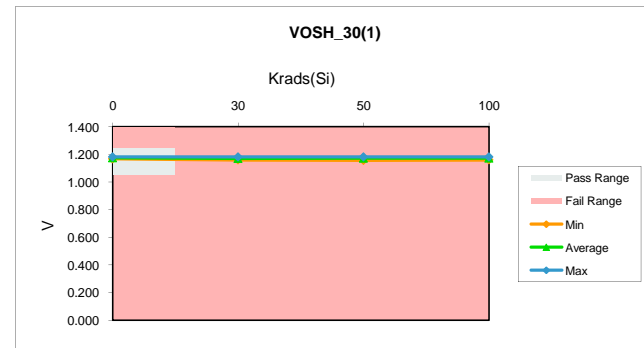
TID HDR Report
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VOSH_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.173	1.181	-0.008	-0.68%	4.00%
30	34	1.157	1.165	-0.008	-0.69%	4.00%
30	35	1.161	1.170	-0.009	-0.78%	4.50%
30	36	1.168	1.178	-0.010	-0.86%	5.00%
30	37	1.157	1.166	-0.009	-0.78%	4.50%
30	38	1.163	1.171	-0.008	-0.69%	4.00%
30	39	1.149	1.159	-0.010	-0.87%	5.00%
30	40	1.159	1.168	-0.009	-0.78%	4.50%
30	41	1.172	1.179	-0.007	-0.60%	3.50%
30	42	1.152	1.160	-0.008	-0.69%	4.00%
50	43	1.169	1.178	-0.009	-0.77%	4.50%
50	44	1.158	1.168	-0.010	-0.86%	5.00%
50	45	1.164	1.174	-0.010	-0.86%	5.00%
50	46	1.155	1.164	-0.009	-0.78%	4.50%
50	47	1.163	1.172	-0.009	-0.77%	4.50%
50	48	1.168	1.177	-0.009	-0.77%	4.50%
50	49	1.147	1.156	-0.009	-0.78%	4.50%
50	50	1.172	1.181	-0.009	-0.77%	4.50%
50	51	1.160	1.170	-0.010	-0.86%	5.00%
50	52	1.169	1.179	-0.010	-0.86%	5.00%
100	53	1.160	1.171	-0.011	-0.95%	5.50%
100	54	1.164	1.173	-0.009	-0.77%	4.50%
100	55	1.171	1.174	-0.003	-0.26%	1.50%
100	56	1.160	1.171	-0.011	-0.95%	5.50%
100	57	1.171	1.181	-0.010	-0.85%	5.00%
100	58	1.151	1.160	-0.009	-0.78%	4.50%
100	59	1.155	1.162	-0.007	-0.61%	3.50%
100	60	1.160	1.171	-0.011	-0.95%	5.50%
100	61	1.166	1.176	-0.010	-0.86%	5.00%
100	62	1.172	1.181	-0.009	-0.77%	4.50%
0	73	1.172	1.181	-0.009	-0.77%	4.50%
0	74	1.164	1.174	-0.010	-0.86%	5.00%
0	75	1.158	1.167	-0.009	-0.78%	4.50%
	Max	1.173	1.181	-0.003	-0.26%	5.50%
	Average	1.162	1.171	-0.009	-0.78%	4.52%
	Min	1.147	1.156	-0.011	-0.95%	1.50%
	Std Dev	0.007	0.007	0.001	0.13%	0.73%



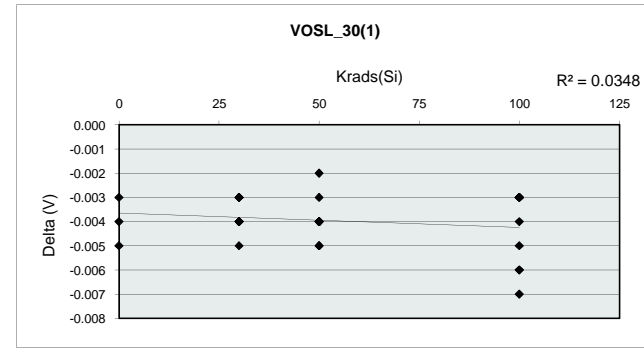
VOSH_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.167	1.159	1.156	1.160
Average	1.174	1.170	1.172	1.172
Max	1.181	1.181	1.181	1.181
UL	1.250	1.250	1.250	1.250



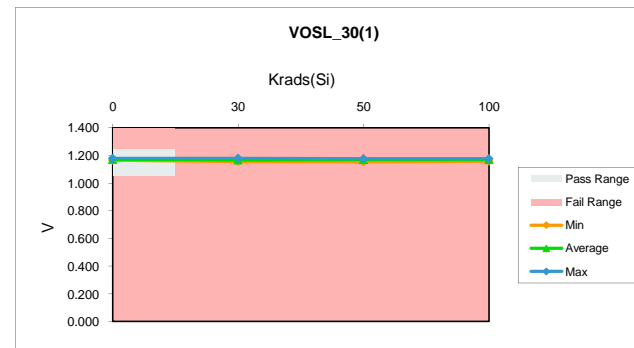
TID HDR Report
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VOSL_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.175	1.178	-0.003	-0.26%	1.50%
30	34	1.159	1.162	-0.003	-0.26%	1.50%
30	35	1.163	1.167	-0.004	-0.34%	2.00%
30	36	1.171	1.174	-0.003	-0.26%	1.50%
30	37	1.159	1.163	-0.004	-0.35%	2.00%
30	38	1.165	1.169	-0.004	-0.34%	2.00%
30	39	1.152	1.156	-0.004	-0.35%	2.00%
30	40	1.162	1.166	-0.004	-0.34%	2.00%
30	41	1.174	1.177	-0.003	-0.26%	1.50%
30	42	1.152	1.157	-0.005	-0.43%	2.50%
50	43	1.171	1.175	-0.004	-0.34%	2.00%
50	44	1.160	1.165	-0.005	-0.43%	2.50%
50	45	1.166	1.170	-0.004	-0.34%	2.00%
50	46	1.159	1.161	-0.002	-0.17%	1.00%
50	47	1.166	1.169	-0.003	-0.26%	1.50%
50	48	1.170	1.174	-0.004	-0.34%	2.00%
50	49	1.149	1.153	-0.004	-0.35%	2.00%
50	50	1.173	1.177	-0.004	-0.34%	2.00%
50	51	1.163	1.167	-0.004	-0.34%	2.00%
50	52	1.171	1.176	-0.005	-0.43%	2.50%
100	53	1.161	1.167	-0.006	-0.52%	3.00%
100	54	1.166	1.169	-0.003	-0.26%	1.50%
100	55	1.168	1.171	-0.003	-0.26%	1.50%
100	56	1.162	1.169	-0.007	-0.60%	3.50%
100	57	1.172	1.177	-0.005	-0.43%	2.50%
100	58	1.154	1.158	-0.004	-0.35%	2.00%
100	59	1.157	1.160	-0.003	-0.26%	1.50%
100	60	1.163	1.169	-0.006	-0.52%	3.00%
100	61	1.169	1.172	-0.003	-0.26%	1.50%
100	62	1.174	1.177	-0.003	-0.26%	1.50%
0	73	1.174	1.178	-0.004	-0.34%	2.00%
0	74	1.166	1.171	-0.005	-0.43%	2.50%
0	75	1.162	1.165	-0.003	-0.26%	1.50%
	Max	1.175	1.178	-0.002	-0.17%	3.50%
	Average	1.164	1.168	-0.004	-0.34%	1.98%
	Min	1.149	1.153	-0.007	-0.60%	1.00%
	Std Dev	0.007	0.007	0.001	0.09%	0.54%



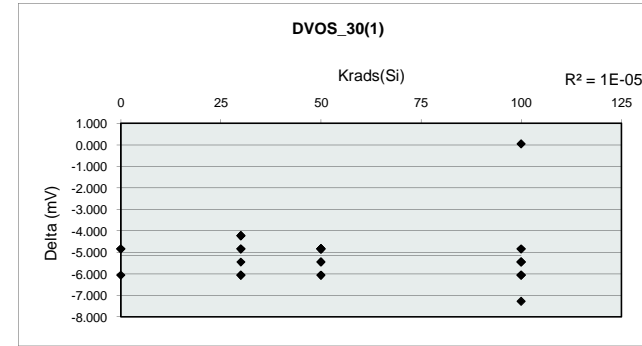
VOSL_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.165	1.156	1.153	1.158
Average	1.171	1.167	1.169	1.169
Max	1.178	1.178	1.177	1.177
UL	1.250	1.250	1.250	1.250



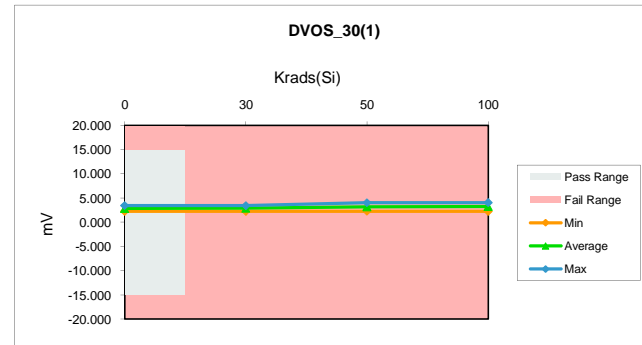
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DVOS_30(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-2.011	2.827	-4.838	240.58%	16.13%
30	34	-2.625	2.214	-4.839	184.34%	16.13%
30	35	-1.402	2.824	-4.226	301.43%	14.09%
30	36	-2.626	3.432	-6.058	230.69%	20.19%
30	37	-2.624	2.824	-5.448	207.62%	18.16%
30	38	-1.405	2.821	-4.226	300.78%	14.09%
30	39	-3.238	2.821	-6.059	187.12%	20.20%
30	40	-3.235	2.824	-6.059	187.30%	20.20%
30	41	-2.010	2.827	-4.837	240.65%	16.12%
30	42	-0.793	3.432	-4.225	532.80%	14.08%
50	43	-1.404	3.431	-4.835	344.37%	16.12%
50	44	-2.012	3.436	-5.448	270.78%	18.16%
50	45	-1.403	3.433	-4.836	344.69%	16.12%
50	46	-3.235	2.825	-6.060	187.33%	20.20%
50	47	-3.235	2.824	-6.059	187.30%	20.20%
50	48	-2.013	2.825	-4.838	240.34%	16.13%
50	49	-1.402	3.435	-4.837	345.01%	16.12%
50	50	-0.792	4.042	-4.834	610.18%	16.11%
50	51	-2.624	2.216	-4.840	184.45%	16.13%
50	52	-2.015	3.431	-5.446	270.27%	18.15%
100	53	-1.403	4.043	-5.446	388.17%	18.15%
100	54	-2.622	3.437	-6.059	231.08%	20.20%
100	55	3.484	3.433	0.051	1.46%	0.17%
100	56	-2.013	2.825	-4.838	240.34%	16.13%
100	57	-1.400	4.047	-5.447	389.07%	18.16%
100	58	-2.623	2.827	-5.450	207.78%	18.17%
100	59	-2.627	2.211	-4.838	184.16%	16.13%
100	60	-3.847	2.214	-6.061	157.55%	20.20%
100	61	-3.238	4.042	-7.280	224.83%	24.27%
100	62	-2.626	3.431	-6.057	230.65%	20.19%
0	73	-1.400	3.437	-4.837	345.50%	16.12%
0	74	-2.015	2.822	-4.837	240.05%	16.12%
0	75	-3.847	2.212	-6.059	157.50%	20.20%
	Max	3.484	4.047	0.051	610.18%	24.27%
	Average	-2.069	3.083	-5.152	260.49%	17.18%
	Min	-3.847	2.211	-7.280	1.46%	0.17%
	Std Dev	1.290	0.550	1.164	111.79%	3.83%



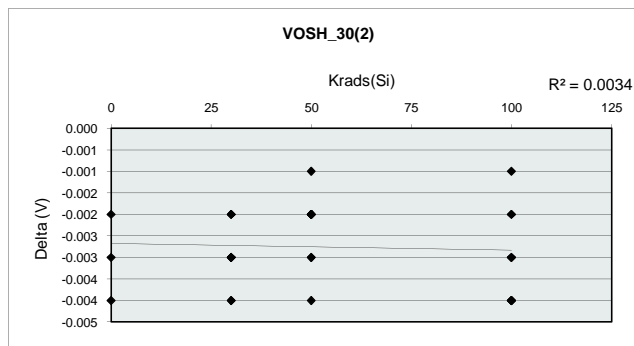
DVOS_30(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	2.212	2.214	2.216	2.211
Average	2.824	2.885	3.190	3.251
Max	3.437	3.432	4.042	4.047
UL	15.000	15.000	15.000	15.000



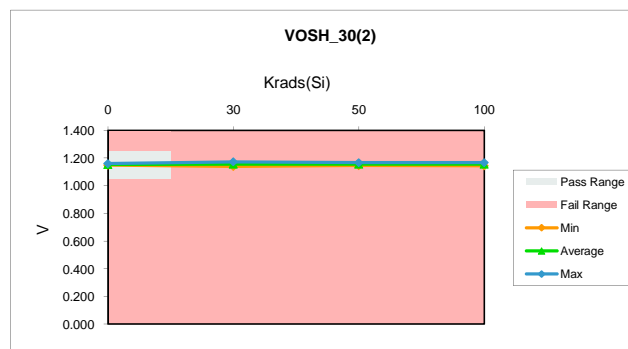
TID HDR Report
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VOSH_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.169	1.171	-0.002	-0.17%	1.00%
30	34	1.155	1.158	-0.003	-0.26%	1.50%
30	35	1.153	1.156	-0.003	-0.26%	1.50%
30	36	1.147	1.151	-0.004	-0.35%	2.00%
30	37	1.163	1.166	-0.003	-0.26%	1.50%
30	38	1.137	1.140	-0.003	-0.26%	1.50%
30	39	1.140	1.143	-0.003	-0.26%	1.50%
30	40	1.158	1.160	-0.002	-0.17%	1.00%
30	41	1.166	1.168	-0.002	-0.17%	1.00%
30	42	1.145	1.149	-0.004	-0.35%	2.00%
50	43	1.146	1.148	-0.002	-0.17%	1.00%
50	44	1.151	1.153	-0.002	-0.17%	1.00%
50	45	1.151	1.154	-0.003	-0.26%	1.50%
50	46	1.156	1.158	-0.002	-0.17%	1.00%
50	47	1.156	1.158	-0.002	-0.17%	1.00%
50	48	1.159	1.163	-0.004	-0.35%	2.00%
50	49	1.155	1.157	-0.002	-0.17%	1.00%
50	50	1.164	1.166	-0.002	-0.17%	1.00%
50	51	1.144	1.145	-0.001	-0.09%	0.50%
50	52	1.154	1.157	-0.003	-0.26%	1.50%
100	53	1.142	1.144	-0.002	-0.18%	1.00%
100	54	1.158	1.159	-0.001	-0.09%	0.50%
100	55	1.160	1.164	-0.004	-0.34%	2.00%
100	56	1.150	1.154	-0.004	-0.35%	2.00%
100	57	1.163	1.166	-0.003	-0.26%	1.50%
100	58	1.155	1.159	-0.004	-0.35%	2.00%
100	59	1.159	1.161	-0.002	-0.17%	1.00%
100	60	1.147	1.151	-0.004	-0.35%	2.00%
100	61	1.146	1.149	-0.003	-0.26%	1.50%
100	62	1.153	1.156	-0.003	-0.26%	1.50%
0	73	1.147	1.149	-0.002	-0.17%	1.00%
0	74	1.149	1.152	-0.003	-0.26%	1.50%
0	75	1.155	1.159	-0.004	-0.35%	2.00%
Max		1.169	1.171	-0.001	-0.09%	2.00%
Average		1.153	1.156	-0.003	-0.24%	1.38%
Min		1.137	1.140	-0.004	-0.35%	0.50%
Std Dev		0.008	0.008	0.001	0.08%	0.45%



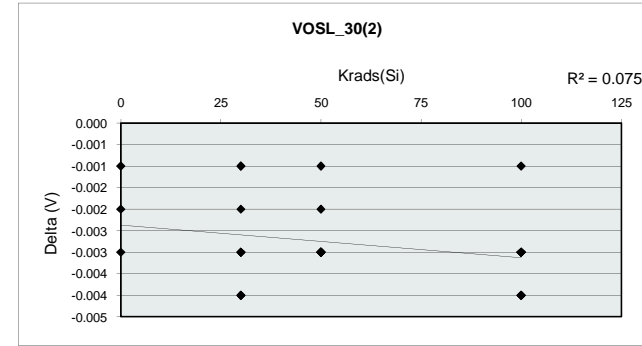
VOSH_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.149	1.140	1.145	1.144
Average	1.153	1.156	1.156	1.156
Max	1.159	1.171	1.166	1.166
UL	1.250	1.250	1.250	1.250



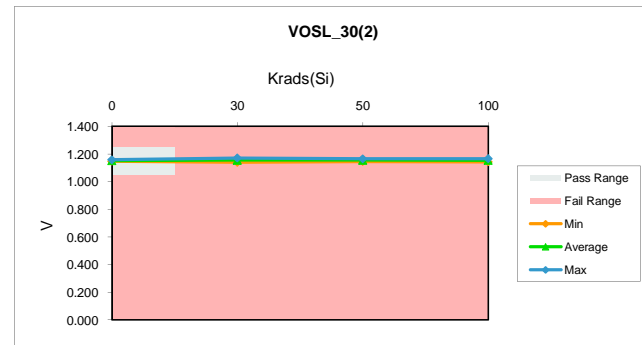
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VOSL_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.169	1.170	-0.001	-0.09%	0.50%
30	34	1.153	1.157	-0.004	-0.35%	2.00%
30	35	1.152	1.156	-0.004	-0.35%	2.00%
30	36	1.147	1.150	-0.003	-0.26%	1.50%
30	37	1.162	1.166	-0.004	-0.34%	2.00%
30	38	1.137	1.140	-0.003	-0.26%	1.50%
30	39	1.139	1.142	-0.003	-0.26%	1.50%
30	40	1.157	1.159	-0.002	-0.17%	1.00%
30	41	1.166	1.167	-0.001	-0.09%	0.50%
30	42	1.144	1.147	-0.003	-0.26%	1.50%
50	43	1.145	1.148	-0.003	-0.26%	1.50%
50	44	1.150	1.153	-0.003	-0.26%	1.50%
50	45	1.150	1.153	-0.003	-0.26%	1.50%
50	46	1.155	1.157	-0.002	-0.17%	1.00%
50	47	1.155	1.158	-0.003	-0.26%	1.50%
50	48	1.159	1.162	-0.003	-0.26%	1.50%
50	49	1.153	1.156	-0.003	-0.26%	1.50%
50	50	1.164	1.165	-0.001	-0.09%	0.50%
50	51	1.142	1.145	-0.003	-0.26%	1.50%
50	52	1.154	1.157	-0.003	-0.26%	1.50%
100	53	1.142	1.143	-0.001	-0.09%	0.50%
100	54	1.155	1.158	-0.003	-0.26%	1.50%
100	55	1.160	1.163	-0.003	-0.26%	1.50%
100	56	1.150	1.153	-0.003	-0.26%	1.50%
100	57	1.163	1.166	-0.003	-0.26%	1.50%
100	58	1.153	1.157	-0.004	-0.35%	2.00%
100	59	1.157	1.160	-0.003	-0.26%	1.50%
100	60	1.145	1.149	-0.004	-0.35%	2.00%
100	61	1.144	1.147	-0.003	-0.26%	1.50%
100	62	1.152	1.156	-0.004	-0.35%	2.00%
0	73	1.147	1.148	-0.001	-0.09%	0.50%
0	74	1.149	1.151	-0.002	-0.17%	1.00%
0	75	1.155	1.158	-0.003	-0.26%	1.50%
Max		1.169	1.170	-0.001	-0.09%	2.00%
Average		1.152	1.155	-0.003	-0.24%	1.39%
Min		1.137	1.140	-0.004	-0.35%	0.50%
Std Dev		0.008	0.008	0.001	0.08%	0.46%



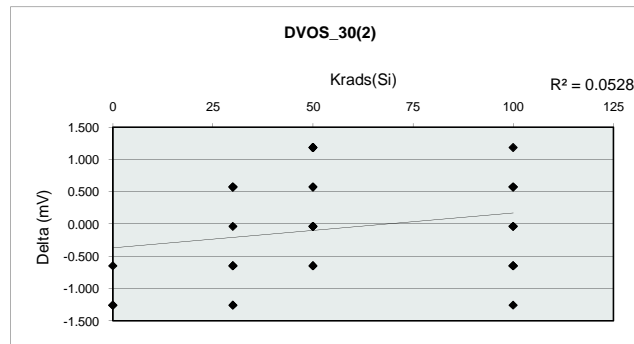
VOSL_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.148	1.140	1.145	1.143
Average	1.152	1.155	1.155	1.155
Max	1.158	1.170	1.165	1.166
UL	1.250	1.250	1.250	1.250



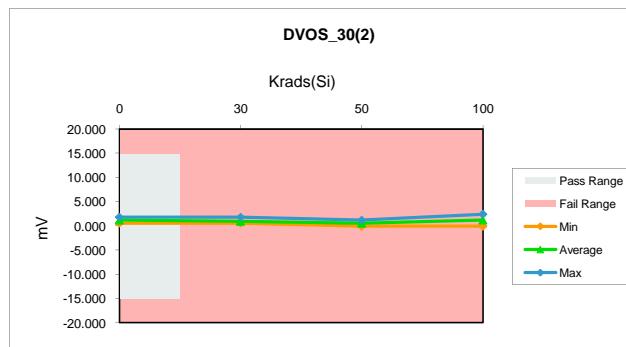
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DVOS_30(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-0.091	1.168	-1.259	1387.51%	4.20%
30	34	1.741	1.168	0.573	32.91%	1.91%
30	35	0.519	0.557	-0.038	-7.30%	0.13%
30	36	0.519	1.168	-0.649	-125.08%	2.16%
30	37	1.131	0.557	0.574	50.71%	1.91%
30	38	-0.092	0.557	-0.649	702.71%	2.16%
30	39	1.740	1.168	0.572	32.87%	1.91%
30	40	1.130	0.557	0.573	50.68%	1.91%
30	41	-0.090	0.558	-0.648	721.91%	2.16%
30	42	0.518	1.778	-1.260	-242.95%	4.20%
50	43	1.130	0.557	0.573	50.69%	1.91%
50	44	0.520	0.558	-0.037	-7.19%	0.12%
50	45	0.519	1.168	-0.649	-124.88%	2.16%
50	46	1.742	0.558	1.184	67.98%	3.95%
50	47	1.131	-0.053	1.184	104.69%	3.95%
50	48	0.520	0.557	-0.038	-7.25%	0.13%
50	49	1.130	0.557	0.573	50.69%	1.91%
50	50	-0.092	0.557	-0.649	703.62%	2.16%
50	51	1.742	0.558	1.184	67.97%	3.95%
50	52	-0.092	-0.053	-0.039	41.89%	0.13%
100	53	0.519	0.557	-0.038	-7.35%	0.13%
100	54	2.353	1.169	1.184	50.32%	3.95%
100	55	0.519	1.168	-0.649	-125.08%	2.16%
100	56	-0.091	1.168	-1.259	1384.12%	4.20%
100	57	-0.091	0.558	-0.649	713.23%	2.16%
100	58	2.353	1.779	0.574	24.39%	1.91%
100	59	1.740	1.167	0.573	32.93%	1.91%
100	60	1.741	1.778	-0.037	-2.13%	0.12%
100	61	1.741	2.389	-0.648	-37.22%	2.16%
100	62	0.519	-0.053	0.572	110.24%	1.91%
0	73	0.521	1.779	-1.258	-241.65%	4.19%
0	74	-0.092	0.557	-0.649	706.23%	2.16%
0	75	-0.092	1.168	-1.260	1369.15%	4.20%
	Max	2.353	2.389	1.184	1387.51%	4.20%
	Average	0.816	0.890	-0.075	228.16%	2.25%
	Min	-0.092	-0.053	-1.260	-242.95%	0.12%
	Std Dev	0.781	0.573	0.793	458.66%	1.35%



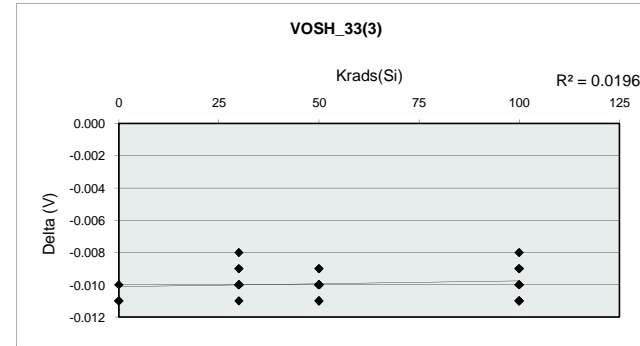
DVOS_30(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	0.557	0.557	-0.053	-0.053
Average	1.168	0.924	0.496	1.168
Max	1.779	1.778	1.168	2.389
UL	15.000	15.000	15.000	15.000



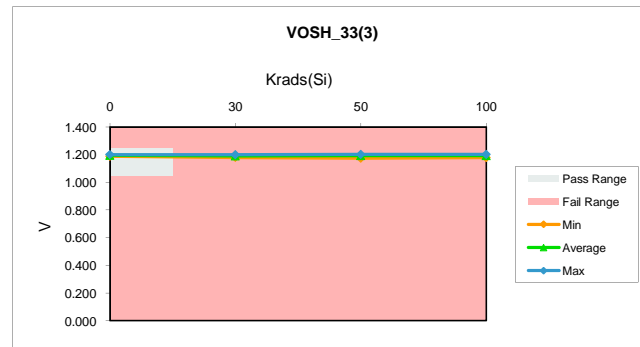
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VOSH_33(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.190	1.199	-0.009	-0.76%	4.50%
30	34	1.174	1.184	-0.010	-0.85%	5.00%
30	35	1.181	1.191	-0.010	-0.85%	5.00%
30	36	1.188	1.198	-0.010	-0.84%	5.00%
30	37	1.175	1.185	-0.010	-0.85%	5.00%
30	38	1.182	1.192	-0.010	-0.85%	5.00%
30	39	1.168	1.179	-0.011	-0.94%	5.50%
30	40	1.179	1.188	-0.009	-0.76%	4.50%
30	41	1.190	1.198	-0.008	-0.67%	4.00%
30	42	1.171	1.181	-0.010	-0.85%	5.00%
50	43	1.190	1.199	-0.009	-0.76%	4.50%
50	44	1.177	1.187	-0.010	-0.85%	5.00%
50	45	1.185	1.195	-0.010	-0.84%	5.00%
50	46	1.173	1.184	-0.011	-0.94%	5.50%
50	47	1.182	1.192	-0.010	-0.85%	5.00%
50	48	1.187	1.196	-0.009	-0.76%	4.50%
50	49	1.164	1.174	-0.010	-0.86%	5.00%
50	50	1.191	1.201	-0.010	-0.84%	5.00%
50	51	1.179	1.189	-0.010	-0.85%	5.00%
50	52	1.190	1.201	-0.011	-0.92%	5.50%
100	53	1.179	1.190	-0.011	-0.93%	5.50%
100	54	1.181	1.190	-0.009	-0.76%	4.50%
100	55	1.185	1.194	-0.009	-0.76%	4.50%
100	56	1.179	1.190	-0.011	-0.93%	5.50%
100	57	1.190	1.200	-0.010	-0.84%	5.00%
100	58	1.168	1.178	-0.010	-0.86%	5.00%
100	59	1.175	1.183	-0.008	-0.68%	4.00%
100	60	1.179	1.190	-0.011	-0.93%	5.50%
100	61	1.186	1.196	-0.010	-0.84%	5.00%
100	62	1.192	1.201	-0.009	-0.76%	4.50%
0	73	1.190	1.200	-0.010	-0.84%	5.00%
0	74	1.183	1.194	-0.011	-0.93%	5.50%
0	75	1.176	1.187	-0.011	-0.94%	5.50%
	Max	1.192	1.201	-0.008	-0.67%	5.50%
	Average	1.181	1.191	-0.010	-0.84%	4.95%
	Min	1.164	1.174	-0.011	-0.94%	4.00%
	Std Dev	0.008	0.007	0.001	0.07%	0.42%



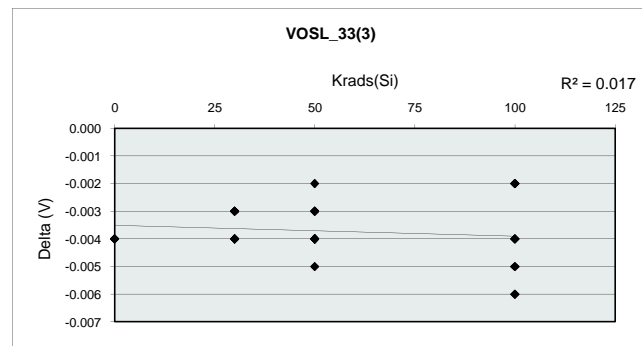
VOSH_33(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.187	1.179	1.174	1.178
Average	1.194	1.190	1.192	1.191
Max	1.200	1.199	1.201	1.201
UL	1.250	1.250	1.250	1.250



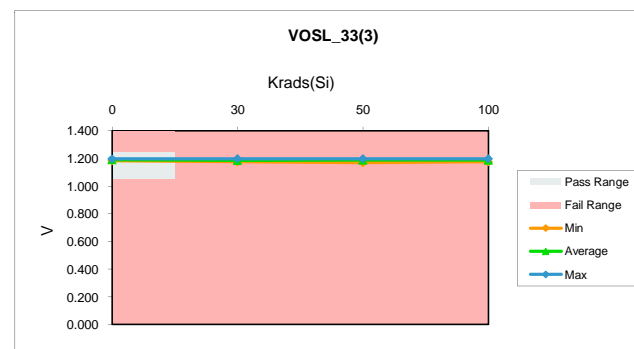
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SN55LVCP22-SP

VOSL_33(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.193	1.197	-0.004	-0.34%	2.00%
30	34	1.177	1.180	-0.003	-0.25%	1.50%
30	35	1.184	1.187	-0.003	-0.25%	1.50%
30	36	1.191	1.194	-0.003	-0.25%	1.50%
30	37	1.178	1.182	-0.004	-0.34%	2.00%
30	38	1.186	1.189	-0.003	-0.25%	1.50%
30	39	1.172	1.176	-0.004	-0.34%	2.00%
30	40	1.182	1.186	-0.004	-0.34%	2.00%
30	41	1.192	1.195	-0.003	-0.25%	1.50%
30	42	1.173	1.177	-0.004	-0.34%	2.00%
50	43	1.193	1.195	-0.002	-0.17%	1.00%
50	44	1.179	1.183	-0.004	-0.34%	2.00%
50	45	1.188	1.192	-0.004	-0.34%	2.00%
50	46	1.176	1.180	-0.004	-0.34%	2.00%
50	47	1.185	1.188	-0.003	-0.25%	1.50%
50	48	1.189	1.192	-0.003	-0.25%	1.50%
50	49	1.166	1.170	-0.004	-0.34%	2.00%
50	50	1.194	1.197	-0.003	-0.25%	1.50%
50	51	1.182	1.186	-0.004	-0.34%	2.00%
50	52	1.192	1.197	-0.005	-0.42%	2.50%
100	53	1.180	1.186	-0.006	-0.51%	3.00%
100	54	1.184	1.186	-0.002	-0.17%	1.00%
100	55	1.187	1.191	-0.004	-0.34%	2.00%
100	56	1.181	1.186	-0.005	-0.42%	2.50%
100	57	1.191	1.195	-0.004	-0.34%	2.00%
100	58	1.170	1.175	-0.005	-0.43%	2.50%
100	59	1.178	1.180	-0.002	-0.17%	1.00%
100	60	1.182	1.188	-0.006	-0.51%	3.00%
100	61	1.188	1.192	-0.004	-0.34%	2.00%
100	62	1.195	1.197	-0.002	-0.17%	1.00%
0	73	1.192	1.196	-0.004	-0.34%	2.00%
0	74	1.187	1.191	-0.004	-0.34%	2.00%
0	75	1.180	1.184	-0.004	-0.34%	2.00%
Max		1.195	1.197	-0.002	-0.17%	3.00%
Average		1.184	1.188	-0.004	-0.32%	1.86%
Min		1.166	1.170	-0.006	-0.51%	1.00%
Std Dev		0.008	0.007	0.001	0.09%	0.50%



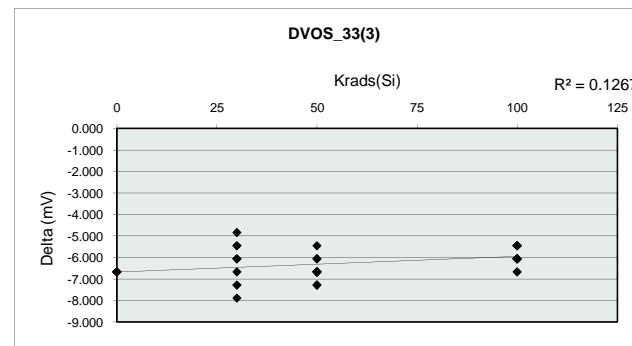
VOSL_33(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.184	1.176	1.170	1.175
Average	1.190	1.186	1.188	1.188
Max	1.196	1.197	1.197	1.197
UL	1.250	1.250	1.250	1.250



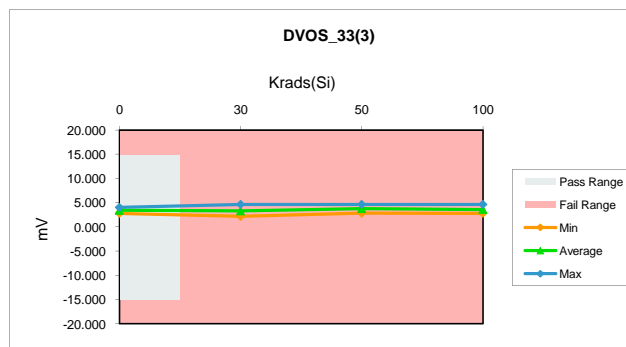
TID HDR Report
SN55LVCP22-SP

DVOS_33(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.254	2.802	-6.056	186.11%	20.19%
30	34	-2.642	3.413	-6.055	229.18%	20.18%
30	35	-2.642	4.022	-6.664	252.23%	22.21%
30	36	-3.253	4.632	-7.885	242.39%	26.28%
30	37	-2.641	3.413	-6.054	229.23%	20.18%
30	38	-3.865	3.411	-7.276	188.25%	24.25%
30	39	-4.477	2.800	-7.277	162.54%	24.26%
30	40	-3.253	2.192	-5.445	167.38%	18.15%
30	41	-2.028	2.803	-4.831	238.21%	16.10%
30	42	-2.030	3.413	-5.443	268.13%	18.14%
50	43	-3.253	3.411	-6.664	204.86%	22.21%
50	44	-2.030	4.023	-6.053	298.18%	20.18%
50	45	-3.253	2.803	-6.056	186.17%	20.19%
50	46	-2.643	4.022	-6.665	252.18%	22.22%
50	47	-3.255	4.021	-7.276	223.53%	24.25%
50	48	-2.030	3.413	-5.443	268.13%	18.14%
50	49	-2.642	4.632	-7.274	275.32%	24.25%
50	50	-2.644	4.019	-6.663	252.00%	22.21%
50	51	-3.253	3.414	-6.667	204.95%	22.22%
50	52	-2.643	4.022	-6.665	252.18%	22.22%
100	53	-1.421	4.020	-5.441	382.90%	18.14%
100	54	-2.641	3.413	-6.054	229.23%	20.18%
100	55	-2.032	3.412	-5.444	267.91%	18.15%
100	56	-2.029	4.024	-6.053	298.32%	20.18%
100	57	-1.420	4.633	-6.053	426.27%	20.18%
100	58	-2.641	3.415	-6.056	229.31%	20.19%
100	59	-2.643	2.801	-5.444	205.98%	18.15%
100	60	-3.253	2.803	-6.056	186.17%	20.19%
100	61	-2.031	3.412	-5.443	268.00%	18.14%
100	62	-2.644	4.019	-6.663	252.00%	22.21%
0	73	-2.641	4.023	-6.664	252.33%	22.21%
0	74	-3.253	3.411	-6.664	204.86%	22.21%
0	75	-3.866	2.799	-6.665	172.40%	22.22%
	Max	-1.420	4.633	-4.831	426.27%	26.28%
	Average	-2.735	3.541	-6.276	241.12%	20.92%
	Min	-4.477	2.192	-7.885	162.54%	16.10%
	Std Dev	0.686	0.605	0.697	55.89%	2.32%



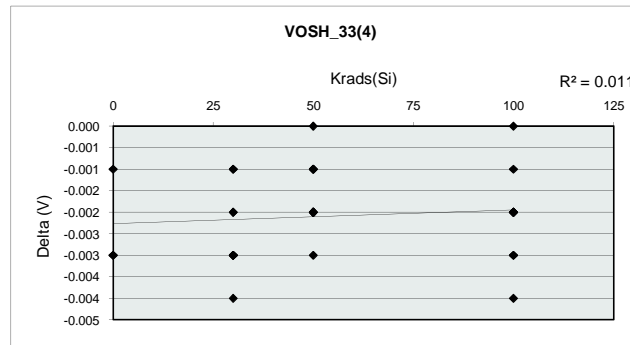
DVOS_33(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	2.799	2.192	2.803	2.801
Average	3.411	3.290	3.778	3.595
Max	4.023	4.632	4.632	4.633
UL	15.000	15.000	15.000	15.000



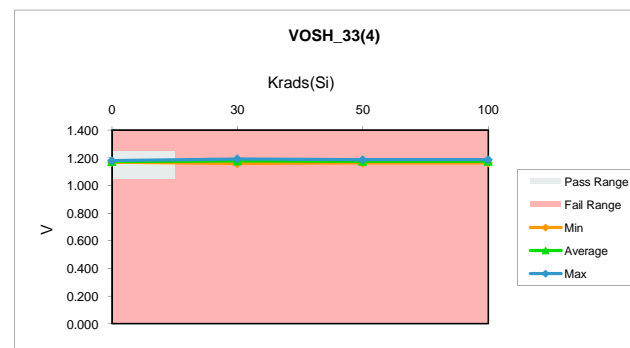
TID HDR Report
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VOSH_33(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.189	1.192	-0.003	-0.25%	1.50%
30	34	1.176	1.179	-0.003	-0.26%	1.50%
30	35	1.175	1.176	-0.001	-0.09%	0.50%
30	36	1.168	1.172	-0.004	-0.34%	2.00%
30	37	1.184	1.187	-0.003	-0.25%	1.50%
30	38	1.158	1.160	-0.002	-0.17%	1.00%
30	39	1.162	1.165	-0.003	-0.26%	1.50%
30	40	1.180	1.181	-0.001	-0.08%	0.50%
30	41	1.186	1.188	-0.002	-0.17%	1.00%
30	42	1.167	1.170	-0.003	-0.26%	1.50%
50	43	1.166	1.168	-0.002	-0.17%	1.00%
50	44	1.170	1.172	-0.002	-0.17%	1.00%
50	45	1.173	1.175	-0.002	-0.17%	1.00%
50	46	1.177	1.178	-0.001	-0.08%	0.50%
50	47	1.176	1.177	-0.001	-0.09%	0.50%
50	48	1.180	1.182	-0.002	-0.17%	1.00%
50	49	1.175	1.176	-0.001	-0.09%	0.50%
50	50	1.184	1.187	-0.003	-0.25%	1.50%
50	51	1.163	1.163	0.000	0.00%	0.00%
50	52	1.176	1.178	-0.002	-0.17%	1.00%
100	53	1.162	1.163	-0.001	-0.09%	0.50%
100	54	1.177	1.177	0.000	0.00%	0.00%
100	55	1.183	1.185	-0.002	-0.17%	1.00%
100	56	1.170	1.173	-0.003	-0.26%	1.50%
100	57	1.184	1.186	-0.002	-0.17%	1.00%
100	58	1.174	1.176	-0.002	-0.17%	1.00%
100	59	1.180	1.182	-0.002	-0.17%	1.00%
100	60	1.167	1.171	-0.004	-0.34%	2.00%
100	61	1.167	1.169	-0.002	-0.17%	1.00%
100	62	1.173	1.176	-0.003	-0.26%	1.50%
0	73	1.166	1.167	-0.001	-0.09%	0.50%
0	74	1.170	1.173	-0.003	-0.26%	1.50%
0	75	1.176	1.179	-0.003	-0.26%	1.50%
Max		1.189	1.192	0.000	0.00%	2.00%
Average		1.174	1.176	-0.002	-0.18%	1.05%
Min		1.158	1.160	-0.004	-0.34%	0.00%
Std Dev		0.008	0.008	0.001	0.09%	0.51%



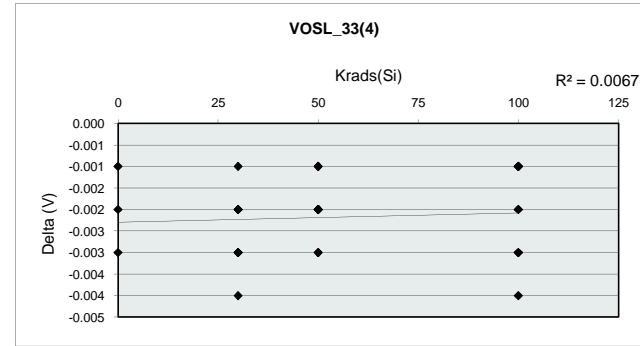
VOSH_33(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.167	1.160	1.163	1.163
Average	1.173	1.177	1.176	1.176
Max	1.179	1.192	1.187	1.186
UL	1.250	1.250	1.250	1.250



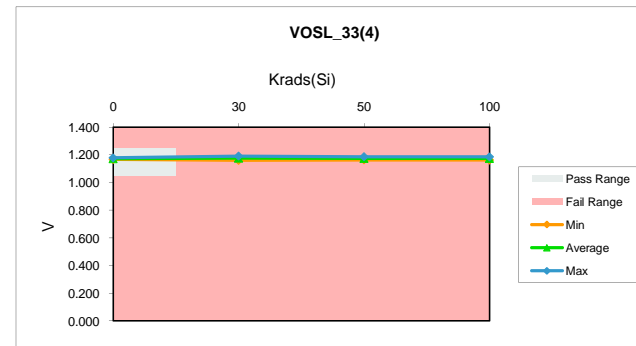
TID HDR Report
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VOSL_33(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.188	1.190	-0.002	-0.17%	1.00%
30	34	1.174	1.177	-0.003	-0.26%	1.50%
30	35	1.173	1.176	-0.003	-0.26%	1.50%
30	36	1.167	1.171	-0.004	-0.34%	2.00%
30	37	1.183	1.186	-0.003	-0.25%	1.50%
30	38	1.158	1.160	-0.002	-0.17%	1.00%
30	39	1.160	1.163	-0.003	-0.26%	1.50%
30	40	1.179	1.181	-0.002	-0.17%	1.00%
30	41	1.186	1.187	-0.001	-0.08%	0.50%
30	42	1.166	1.168	-0.002	-0.17%	1.00%
50	43	1.165	1.167	-0.002	-0.17%	1.00%
50	44	1.169	1.171	-0.002	-0.17%	1.00%
50	45	1.172	1.174	-0.002	-0.17%	1.00%
50	46	1.175	1.176	-0.001	-0.09%	0.50%
50	47	1.175	1.177	-0.002	-0.17%	1.00%
50	48	1.178	1.181	-0.003	-0.25%	1.50%
50	49	1.173	1.174	-0.001	-0.09%	0.50%
50	50	1.184	1.186	-0.002	-0.17%	1.00%
50	51	1.161	1.163	-0.002	-0.17%	1.00%
50	52	1.175	1.178	-0.003	-0.26%	1.50%
100	53	1.161	1.162	-0.001	-0.09%	0.50%
100	54	1.175	1.176	-0.001	-0.09%	0.50%
100	55	1.182	1.183	-0.001	-0.08%	0.50%
100	56	1.168	1.171	-0.003	-0.26%	1.50%
100	57	1.183	1.185	-0.002	-0.17%	1.00%
100	58	1.172	1.175	-0.003	-0.26%	1.50%
100	59	1.180	1.181	-0.001	-0.08%	0.50%
100	60	1.165	1.169	-0.004	-0.34%	2.00%
100	61	1.164	1.167	-0.003	-0.26%	1.50%
100	62	1.174	1.176	-0.002	-0.17%	1.00%
0	73	1.165	1.166	-0.001	-0.09%	0.50%
0	74	1.171	1.173	-0.002	-0.17%	1.00%
0	75	1.175	1.178	-0.003	-0.26%	1.50%
Max		1.188	1.190	-0.001	-0.08%	2.00%
Average		1.173	1.175	-0.002	-0.19%	1.09%
Min		1.158	1.160	-0.004	-0.34%	0.50%
Std Dev		0.008	0.008	0.001	0.08%	0.44%



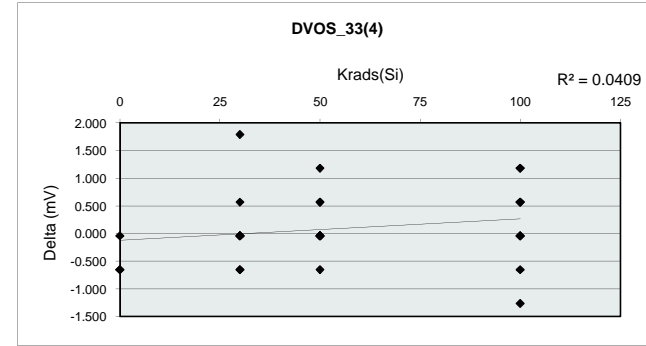
VOSL_33(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.166	1.160	1.163	1.162
Average	1.172	1.176	1.175	1.175
Max	1.178	1.190	1.186	1.185
UL	1.250	1.250	1.250	1.250



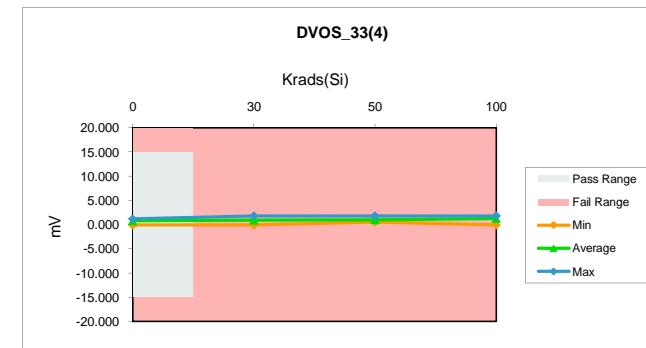
TID HDR Report
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DVOS_33(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.121	1.163	-0.042	-3.75%	0.14%
30	34	1.733	1.773	-0.040	-2.31%	0.13%
30	35	1.733	-0.058	1.791	103.34%	5.97%
30	36	0.511	1.163	-0.652	-127.73%	2.17%
30	37	0.511	0.552	-0.041	-8.12%	0.14%
30	38	-0.100	0.553	-0.652	654.66%	2.17%
30	39	1.732	1.773	-0.041	-2.37%	0.14%
30	40	1.121	0.552	0.569	50.74%	1.90%
30	41	0.512	0.553	-0.041	-7.97%	0.14%
30	42	1.122	1.163	-0.041	-3.65%	0.14%
50	43	0.511	1.163	-0.652	-127.52%	2.17%
50	44	1.122	1.163	-0.041	-3.65%	0.14%
50	45	0.511	0.552	-0.042	-8.15%	0.14%
50	46	1.733	1.774	-0.041	-2.37%	0.14%
50	47	0.511	0.553	-0.042	-8.14%	0.14%
50	48	1.733	1.163	0.570	32.89%	1.90%
50	49	1.732	1.773	-0.041	-2.37%	0.14%
50	50	0.510	0.552	-0.042	-8.23%	0.14%
50	51	1.734	0.553	1.181	68.11%	3.94%
50	52	1.122	0.553	0.569	50.75%	1.90%
100	53	1.121	0.552	0.569	50.75%	1.90%
100	54	2.345	1.164	1.181	50.36%	3.94%
100	55	1.121	1.774	-0.653	-58.25%	2.18%
100	56	1.733	1.163	0.570	32.89%	1.90%
100	57	1.121	1.163	-0.042	-3.75%	0.14%
100	58	2.344	1.163	1.181	50.38%	3.94%
100	59	0.510	1.773	-1.263	-247.50%	4.21%
100	60	1.733	1.774	-0.041	-2.37%	0.14%
100	61	2.344	1.774	0.570	24.32%	1.90%
100	62	-0.101	-0.058	-0.042	42.08%	0.14%
0	73	0.511	1.163	-0.652	-127.52%	2.17%
0	74	-0.712	-0.058	-0.653	91.79%	2.18%
0	75	1.121	1.162	-0.041	-3.66%	0.14%
	Max	2.345	1.774	1.791	654.66%	5.97%
	Average	1.103	1.015	0.088	16.48%	1.47%
	Min	-0.712	-0.058	-1.263	-247.50%	0.13%
	Std Dev	0.740	0.572	0.644	134.00%	1.57%



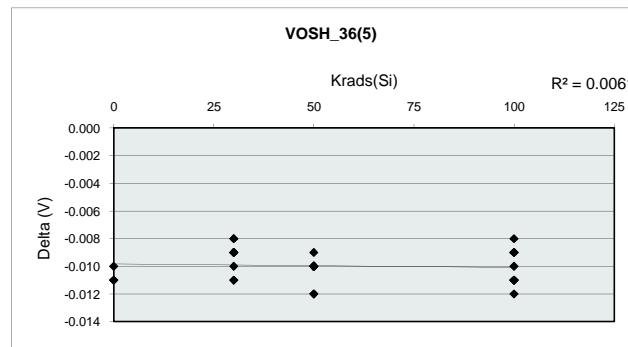
DVOS_33(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.058	-0.058	0.552	-0.058
Average	0.756	0.919	0.980	1.224
Max	1.163	1.773	1.774	1.774
UL	15.000	15.000	15.000	15.000



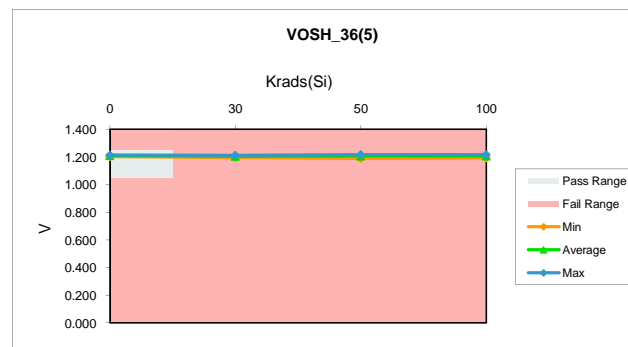
TID HDR Report
SN55LVCP22-SP

VOSH_36(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.204	1.213	-0.009	-0.75%	4.50%
30	34	1.190	1.198	-0.008	-0.67%	4.00%
30	35	1.197	1.206	-0.009	-0.75%	4.50%
30	36	1.204	1.213	-0.009	-0.75%	4.50%
30	37	1.192	1.201	-0.009	-0.76%	4.50%
30	38	1.198	1.209	-0.011	-0.92%	5.50%
30	39	1.184	1.195	-0.011	-0.93%	5.50%
30	40	1.195	1.204	-0.009	-0.75%	4.50%
30	41	1.204	1.212	-0.008	-0.66%	4.00%
30	42	1.187	1.197	-0.010	-0.84%	5.00%
50	43	1.206	1.215	-0.009	-0.75%	4.50%
50	44	1.191	1.201	-0.010	-0.84%	5.00%
50	45	1.199	1.211	-0.012	-1.00%	6.00%
50	46	1.188	1.198	-0.010	-0.84%	5.00%
50	47	1.197	1.207	-0.010	-0.84%	5.00%
50	48	1.201	1.211	-0.010	-0.83%	5.00%
50	49	1.179	1.189	-0.010	-0.85%	5.00%
50	50	1.207	1.217	-0.010	-0.83%	5.00%
50	51	1.194	1.204	-0.010	-0.84%	5.00%
50	52	1.205	1.217	-0.012	-1.00%	6.00%
100	53	1.194	1.205	-0.011	-0.92%	5.50%
100	54	1.195	1.204	-0.009	-0.75%	4.50%
100	55	1.201	1.210	-0.009	-0.75%	4.50%
100	56	1.194	1.206	-0.012	-1.01%	6.00%
100	57	1.204	1.215	-0.011	-0.91%	5.50%
100	58	1.183	1.193	-0.010	-0.85%	5.00%
100	59	1.191	1.199	-0.008	-0.67%	4.00%
100	60	1.194	1.205	-0.011	-0.92%	5.50%
100	61	1.201	1.212	-0.011	-0.92%	5.50%
100	62	1.208	1.217	-0.009	-0.75%	4.50%
0	73	1.204	1.214	-0.010	-0.83%	5.00%
0	74	1.199	1.210	-0.011	-0.92%	5.50%
0	75	1.191	1.202	-0.011	-0.92%	5.50%
	Max	1.208	1.217	-0.008	-0.66%	6.00%
	Average	1.196	1.206	-0.010	-0.83%	4.98%
	Min	1.179	1.189	-0.012	-1.01%	4.00%
	Std Dev	0.007	0.007	0.001	0.09%	0.57%



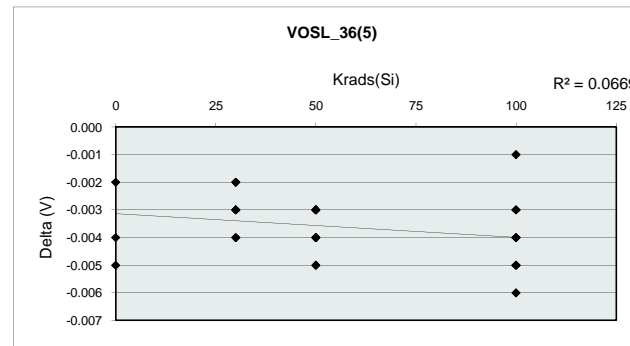
VOSH_36(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.202	1.195	1.189	1.193
Average	1.209	1.205	1.207	1.207
Max	1.214	1.213	1.217	1.217
UL	1.250	1.250	1.250	1.250



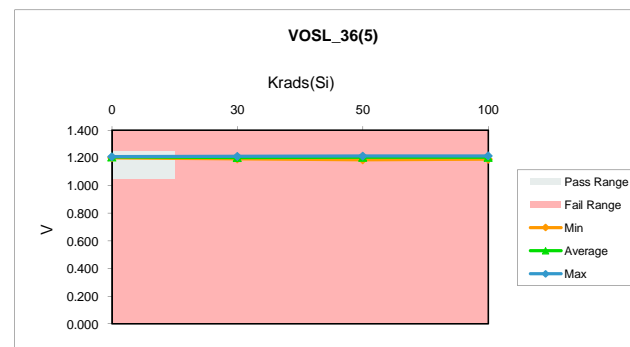
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VOSL_36(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.207	1.209	-0.002	-0.17%	1.00%
30	34	1.193	1.195	-0.002	-0.17%	1.00%
30	35	1.200	1.203	-0.003	-0.25%	1.50%
30	36	1.207	1.211	-0.004	-0.33%	2.00%
30	37	1.195	1.197	-0.002	-0.17%	1.00%
30	38	1.202	1.205	-0.003	-0.25%	1.50%
30	39	1.188	1.192	-0.004	-0.34%	2.00%
30	40	1.198	1.202	-0.004	-0.33%	2.00%
30	41	1.207	1.210	-0.003	-0.25%	1.50%
30	42	1.190	1.193	-0.003	-0.25%	1.50%
50	43	1.210	1.213	-0.003	-0.25%	1.50%
50	44	1.193	1.197	-0.004	-0.34%	2.00%
50	45	1.203	1.208	-0.005	-0.42%	2.50%
50	46	1.190	1.194	-0.004	-0.34%	2.00%
50	47	1.201	1.204	-0.003	-0.25%	1.50%
50	48	1.204	1.208	-0.004	-0.33%	2.00%
50	49	1.181	1.185	-0.004	-0.34%	2.00%
50	50	1.210	1.213	-0.003	-0.25%	1.50%
50	51	1.198	1.201	-0.003	-0.25%	1.50%
50	52	1.208	1.213	-0.005	-0.41%	2.50%
100	53	1.196	1.201	-0.005	-0.42%	2.50%
100	54	1.198	1.201	-0.003	-0.25%	1.50%
100	55	1.203	1.206	-0.003	-0.25%	1.50%
100	56	1.196	1.202	-0.006	-0.50%	3.00%
100	57	1.206	1.210	-0.004	-0.33%	2.00%
100	58	1.185	1.189	-0.004	-0.34%	2.00%
100	59	1.195	1.196	-0.001	-0.08%	0.50%
100	60	1.197	1.202	-0.005	-0.42%	2.50%
100	61	1.204	1.209	-0.005	-0.42%	2.50%
100	62	1.210	1.214	-0.004	-0.33%	2.00%
0	73	1.207	1.209	-0.002	-0.17%	1.00%
0	74	1.203	1.207	-0.004	-0.33%	2.00%
0	75	1.195	1.200	-0.005	-0.42%	2.50%
	Max	1.210	1.214	-0.001	-0.08%	3.00%
	Average	1.199	1.203	-0.004	-0.30%	1.80%
	Min	1.181	1.185	-0.006	-0.50%	0.50%
	Std Dev	0.008	0.008	0.001	0.09%	0.56%



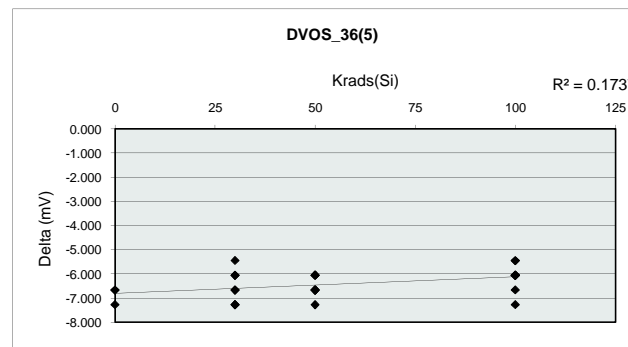
VOSL_36(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.200	1.192	1.185	1.189
Average	1.205	1.202	1.204	1.203
Max	1.209	1.211	1.213	1.214
UL	1.250	1.250	1.250	1.250



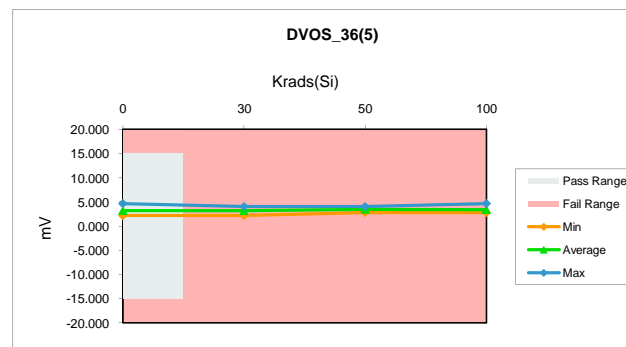
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DVOS_36(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	-3.248	4.029	-7.277	224.05%	24.26%
30	34	-3.245	2.814	-6.059	186.72%	20.20%
30	35	-3.246	3.422	-6.668	205.42%	22.23%
30	36	-3.245	2.814	-6.059	186.72%	20.20%
30	37	-2.632	4.035	-6.667	253.31%	22.22%
30	38	-3.855	3.423	-7.278	188.79%	24.26%
30	39	-3.857	2.813	-6.670	172.93%	22.23%
30	40	-3.246	2.200	-5.446	167.78%	18.15%
30	41	-3.857	2.198	-6.055	156.99%	20.18%
30	42	-3.242	4.036	-7.278	224.49%	24.26%
50	43	-3.856	2.812	-6.668	172.93%	22.23%
50	44	-2.635	3.421	-6.056	229.83%	20.19%
50	45	-3.854	3.424	-7.278	188.84%	24.26%
50	46	-2.636	4.030	-6.666	252.88%	22.22%
50	47	-3.248	3.419	-6.667	205.26%	22.22%
50	48	-2.633	3.423	-6.056	230.00%	20.19%
50	49	-2.023	4.032	-6.055	299.31%	20.18%
50	50	-2.636	3.420	-6.056	229.74%	20.19%
50	51	-3.246	3.422	-6.668	205.42%	22.23%
50	52	-3.245	3.424	-6.669	205.52%	22.23%
100	53	-2.637	4.029	-6.666	252.79%	22.22%
100	54	-2.635	3.422	-6.057	229.87%	20.19%
100	55	-2.634	3.424	-6.058	229.99%	20.19%
100	56	-2.632	3.424	-6.056	230.09%	20.19%
100	57	-2.638	4.638	-7.276	275.82%	24.25%
100	58	-2.022	3.425	-5.447	269.39%	18.16%
100	59	-3.245	2.812	-6.057	186.66%	20.19%
100	60	-3.246	2.812	-6.058	186.63%	20.19%
100	61	-2.633	2.815	-5.448	206.91%	18.16%
100	62	-2.637	3.419	-6.056	229.65%	20.19%
0	73	-2.636	4.640	-7.276	276.02%	24.25%
0	74	-3.856	2.812	-6.668	172.93%	22.23%
0	75	-4.470	2.199	-6.669	149.19%	22.23%
	Max	-2.022	4.640	-5.446	299.31%	24.26%
	Average	-3.079	3.348	-6.427	214.63%	21.42%
	Min	-4.470	2.198	-7.278	149.19%	18.15%
	Std Dev	0.577	0.624	0.549	36.99%	1.83%



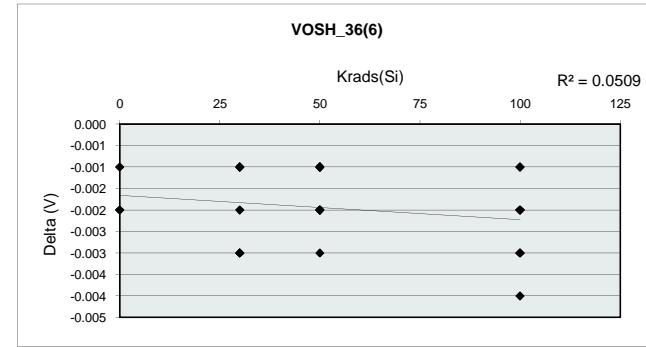
DVOS_36(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	2.199	2.198	2.812	2.812
Average	3.217	3.178	3.483	3.422
Max	4.640	4.036	4.032	4.638
UL	15.000	15.000	15.000	15.000



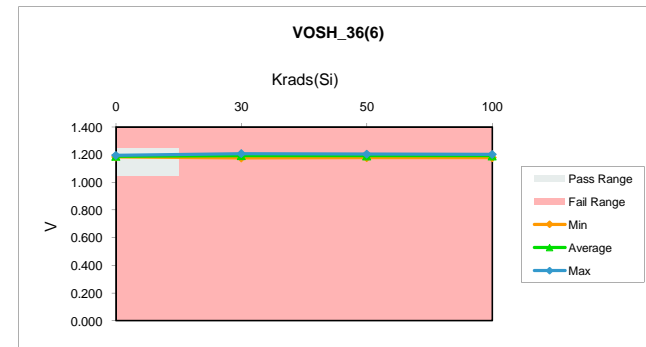
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VOSH_36(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.205	1.206	-0.001	-0.08%	0.50%
30	34	1.192	1.195	-0.003	-0.25%	1.50%
30	35	1.191	1.193	-0.002	-0.17%	1.00%
30	36	1.186	1.188	-0.002	-0.17%	1.00%
30	37	1.200	1.203	-0.003	-0.25%	1.50%
30	38	1.176	1.177	-0.001	-0.09%	0.50%
30	39	1.178	1.181	-0.003	-0.25%	1.50%
30	40	1.197	1.198	-0.001	-0.08%	0.50%
30	41	1.202	1.203	-0.001	-0.08%	0.50%
30	42	1.184	1.187	-0.003	-0.25%	1.50%
50	43	1.182	1.185	-0.003	-0.25%	1.50%
50	44	1.186	1.187	-0.001	-0.08%	0.50%
50	45	1.191	1.193	-0.002	-0.17%	1.00%
50	46	1.191	1.193	-0.002	-0.17%	1.00%
50	47	1.192	1.193	-0.001	-0.08%	0.50%
50	48	1.196	1.198	-0.002	-0.17%	1.00%
50	49	1.189	1.191	-0.002	-0.17%	1.00%
50	50	1.202	1.203	-0.001	-0.08%	0.50%
50	51	1.178	1.179	-0.001	-0.08%	0.50%
50	52	1.193	1.195	-0.002	-0.17%	1.00%
100	53	1.178	1.179	-0.001	-0.08%	0.50%
100	54	1.192	1.193	-0.001	-0.08%	0.50%
100	55	1.199	1.201	-0.002	-0.17%	1.00%
100	56	1.185	1.187	-0.002	-0.17%	1.00%
100	57	1.199	1.201	-0.002	-0.17%	1.00%
100	58	1.189	1.192	-0.003	-0.25%	1.50%
100	59	1.197	1.199	-0.002	-0.17%	1.00%
100	60	1.183	1.186	-0.003	-0.25%	1.50%
100	61	1.181	1.185	-0.004	-0.34%	2.00%
100	62	1.190	1.193	-0.003	-0.25%	1.50%
0	73	1.181	1.182	-0.001	-0.08%	0.50%
0	74	1.188	1.190	-0.002	-0.17%	1.00%
0	75	1.192	1.194	-0.002	-0.17%	1.00%
	Max	1.205	1.206	-0.001	-0.08%	2.00%
	Average	1.190	1.192	-0.002	-0.17%	0.98%
	Min	1.176	1.177	-0.004	-0.34%	0.50%
	Std Dev	0.008	0.008	0.001	0.07%	0.42%



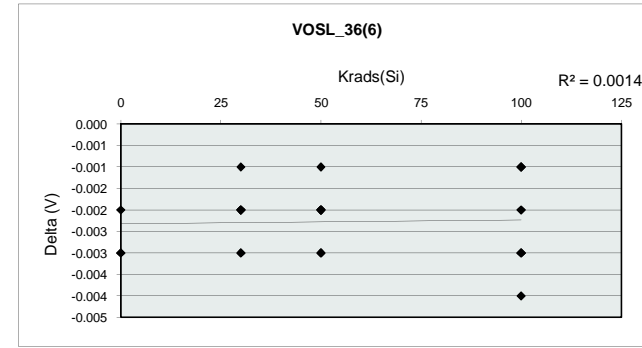
VOSH_36(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.182	1.177	1.179	1.179
Average	1.189	1.193	1.192	1.192
Max	1.194	1.206	1.203	1.201
UL	1.250	1.250	1.250	1.250



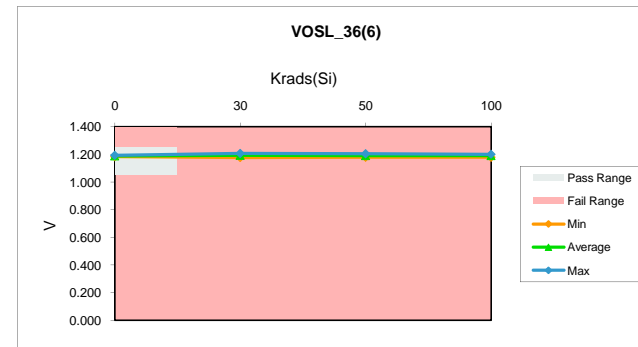
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VOSL_36(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	V	V
Max Limit	1.25	1.25
Min Limit	1.05	1.05

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.203	1.205	-0.002	-0.17%	1.00%
30	34	1.191	1.193	-0.002	-0.17%	1.00%
30	35	1.190	1.193	-0.003	-0.25%	1.50%
30	36	1.184	1.187	-0.003	-0.25%	1.50%
30	37	1.200	1.203	-0.003	-0.25%	1.50%
30	38	1.175	1.177	-0.002	-0.17%	1.00%
30	39	1.178	1.180	-0.002	-0.17%	1.00%
30	40	1.196	1.198	-0.002	-0.17%	1.00%
30	41	1.202	1.203	-0.001	-0.08%	0.50%
30	42	1.183	1.185	-0.002	-0.17%	1.00%
50	43	1.181	1.184	-0.003	-0.25%	1.50%
50	44	1.184	1.186	-0.002	-0.17%	1.00%
50	45	1.189	1.192	-0.003	-0.25%	1.50%
50	46	1.190	1.192	-0.002	-0.17%	1.00%
50	47	1.191	1.193	-0.002	-0.17%	1.00%
50	48	1.194	1.196	-0.002	-0.17%	1.00%
50	49	1.188	1.190	-0.002	-0.17%	1.00%
50	50	1.200	1.203	-0.003	-0.25%	1.50%
50	51	1.177	1.178	-0.001	-0.08%	0.50%
50	52	1.193	1.195	-0.002	-0.17%	1.00%
100	53	1.177	1.178	-0.001	-0.08%	0.50%
100	54	1.191	1.192	-0.001	-0.08%	0.50%
100	55	1.199	1.200	-0.001	-0.08%	0.50%
100	56	1.184	1.187	-0.003	-0.25%	1.50%
100	57	1.197	1.200	-0.003	-0.25%	1.50%
100	58	1.187	1.190	-0.003	-0.25%	1.50%
100	59	1.196	1.198	-0.002	-0.17%	1.00%
100	60	1.182	1.185	-0.003	-0.25%	1.50%
100	61	1.181	1.183	-0.002	-0.17%	1.00%
100	62	1.189	1.193	-0.004	-0.34%	2.00%
0	73	1.180	1.182	-0.002	-0.17%	1.00%
0	74	1.187	1.190	-0.003	-0.25%	1.50%
0	75	1.190	1.193	-0.003	-0.25%	1.50%
Max		1.203	1.205	-0.001	-0.08%	2.00%
Average		1.189	1.191	-0.002	-0.19%	1.14%
Min		1.175	1.177	-0.004	-0.34%	0.50%
Std Dev		0.008	0.008	0.001	0.06%	0.38%



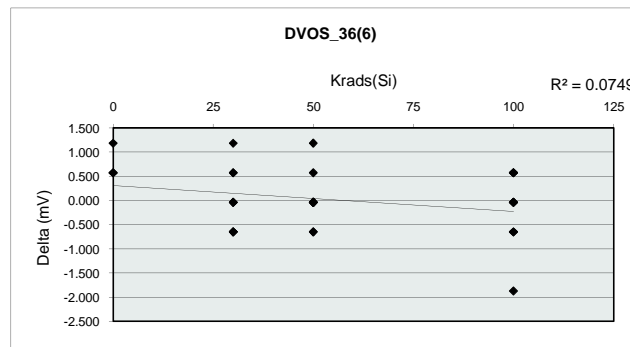
VOSL_36(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	1.25	V		
Min Limit	1.05	V		
Krads(Si)	0	30	50	100
LL	1.050	1.050	1.050	1.050
Min	1.182	1.177	1.178	1.178
Average	1.188	1.192	1.191	1.191
Max	1.193	1.205	1.203	1.200
UL	1.250	1.250	1.250	1.250



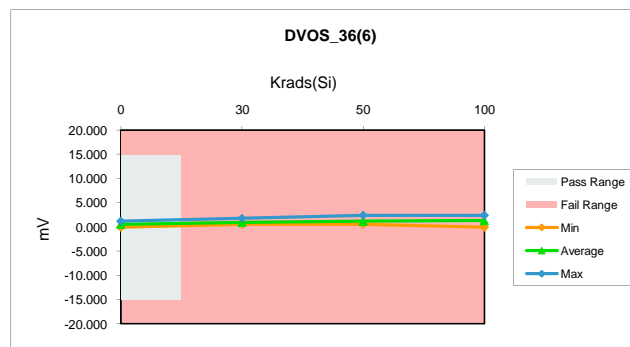
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DVOS_36(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mV	mV
Max Limit	15	15
Min Limit	-15	-15

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_postra	Delta	Delta %	% of Limit Range
30	33	1.736	0.554	1.182	68.07%	3.94%
30	34	1.126	1.776	-0.650	-57.73%	2.17%
30	35	0.516	0.555	-0.040	-7.67%	0.13%
30	36	1.737	1.166	0.571	32.87%	1.90%
30	37	0.516	0.555	-0.039	-7.65%	0.13%
30	38	1.129	0.556	0.573	50.72%	1.91%
30	39	0.516	1.166	-0.650	-126.00%	2.17%
30	40	0.515	0.554	-0.040	-7.76%	0.13%
30	41	-0.095	0.554	-0.650	681.25%	2.17%
30	42	1.128	1.777	-0.649	-57.54%	2.16%
50	43	1.127	1.776	-0.649	-57.59%	2.16%
50	44	2.348	1.165	1.183	50.38%	3.94%
50	45	1.127	1.166	-0.039	-3.46%	0.13%
50	46	1.126	1.165	-0.039	-3.46%	0.13%
50	47	0.515	0.555	-0.040	-7.71%	0.13%
50	48	2.349	2.387	-0.038	-1.62%	0.13%
50	49	1.125	1.165	-0.040	-3.56%	0.13%
50	50	1.126	0.555	0.571	50.75%	1.90%
50	51	0.516	1.166	-0.650	-126.00%	2.17%
50	52	0.516	0.556	-0.040	-7.69%	0.13%
100	53	1.125	1.165	-0.040	-3.56%	0.13%
100	54	1.738	1.166	0.572	32.91%	1.91%
100	55	0.514	1.166	-0.652	-126.68%	2.17%
100	56	1.127	0.555	0.572	50.73%	1.91%
100	57	1.736	1.775	-0.039	-2.25%	0.13%
100	58	1.738	1.777	-0.039	-2.24%	0.13%
100	59	1.126	1.776	-0.650	-57.73%	2.17%
100	60	1.126	1.166	-0.040	-3.55%	0.13%
100	61	0.517	2.388	-1.871	-361.99%	6.24%
100	62	0.515	-0.056	0.570	110.82%	1.90%
0	73	1.737	0.555	1.182	68.06%	3.94%
0	74	0.516	-0.056	0.571	110.77%	1.90%
0	75	1.735	1.164	0.571	32.91%	1.90%
	Max	2.349	2.388	1.183	681.25%	6.24%
	Average	1.089	1.073	0.016	9.30%	1.59%
	Min	-0.095	-0.056	-1.871	-361.99%	0.13%
	Std Dev	0.590	0.613	0.654	148.02%	1.47%



DVOS_36(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	15	mV		
Min Limit	-15	mV		
Krads(Si)	0	30	50	100
LL	-15.000	-15.000	-15.000	-15.000
Min	-0.056	0.554	0.555	-0.056
Average	0.554	0.921	1.165	1.288
Max	1.164	1.777	2.387	2.388
UL	15.000	15.000	15.000	15.000



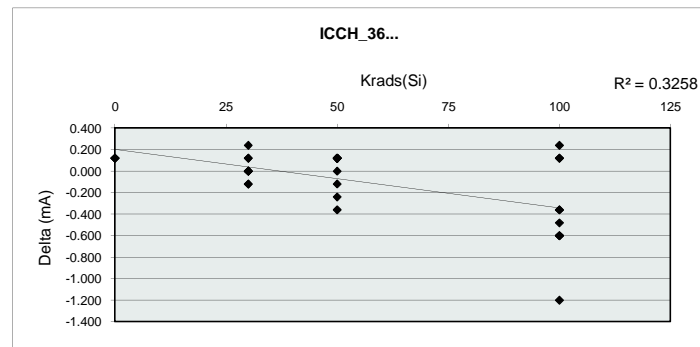
Delta Threshold 10.00%

TID HDR Rebound Report
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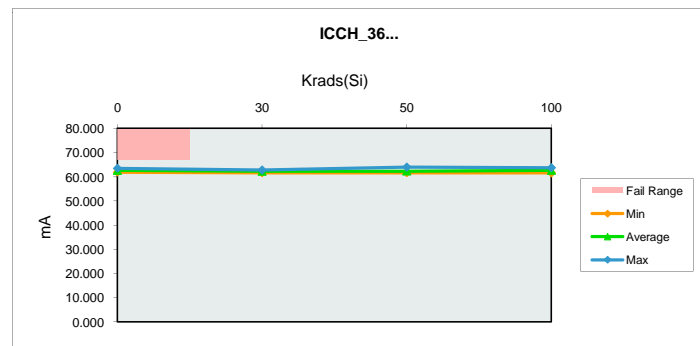
TID HDR Rebound Report SN55LVCP22-SP

ICCH_36...		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	67	67
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	62.731	62.733	-0.002	0.00%	0.00%
30	34	62.251	62.253	-0.002	0.00%	0.00%
30	35	61.772	61.653	0.119	0.19%	0.18%
30	36	61.772	61.773	-0.001	0.00%	0.00%
30	37	62.731	62.733	-0.002	0.00%	0.00%
30	38	62.251	62.013	0.238	0.38%	0.36%
30	39	62.371	62.373	-0.002	0.00%	0.00%
30	40	61.892	62.013	-0.121	-0.20%	0.18%
30	41	62.131	62.253	-0.122	-0.20%	0.18%
30	42	62.491	62.373	0.118	0.19%	0.18%
50	43	61.892	62.013	-0.121	-0.20%	0.18%
50	44	62.251	62.133	0.118	0.19%	0.18%
50	45	62.371	62.373	-0.002	0.00%	0.00%
50	46	62.011	61.893	0.118	0.19%	0.18%
50	47	62.011	62.253	-0.242	-0.39%	0.36%
50	48	62.131	62.013	0.118	0.19%	0.18%
50	49	62.971	62.853	0.118	0.19%	0.18%
50	50	63.571	63.932	-0.361	-0.57%	0.54%
50	51	61.772	61.653	0.119	0.19%	0.18%
50	52	62.011	61.893	0.118	0.19%	0.18%
100	53	62.611	62.973	-0.362	-0.58%	0.54%
100	54	61.772	62.373	-0.601	-0.97%	0.90%
100	55	62.971	63.572	-0.601	-0.95%	0.90%
100	56	62.491	63.692	-1.201	-1.92%	1.79%
100	57	62.131	62.613	-0.482	-0.78%	0.72%
100	58	62.251	62.853	-0.602	-0.97%	0.90%
100	59	62.131	62.493	-0.362	-0.58%	0.54%
100	60	61.652	61.533	0.119	0.19%	0.18%
100	61	62.371	62.133	0.238	0.38%	0.36%
100	62	62.371	62.253	0.118	0.19%	0.18%
0	73	62.011	61.893	0.118	0.19%	0.18%
0	74	63.571	63.452	0.119	0.19%	0.18%
0	75	62.611	62.493	0.118	0.19%	0.18%
	Max	63.571	63.932	0.238	0.38%	1.79%
	Average	62.313	62.409	-0.096	-0.15%	0.33%
	Min	61.652	61.533	-1.201	-1.92%	0.00%
	Std Dev	0.471	0.596	0.318	0.51%	0.37%



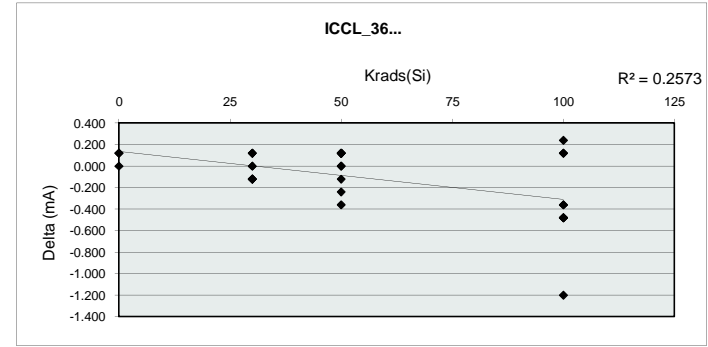
ICCH_36...				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	67 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	61.893	61.653	61.653	61.533
Average	62.613	62.217	62.301	62.649
Max	63.452	62.733	63.932	63.692
UL	67.000	67.000	67.000	67.000



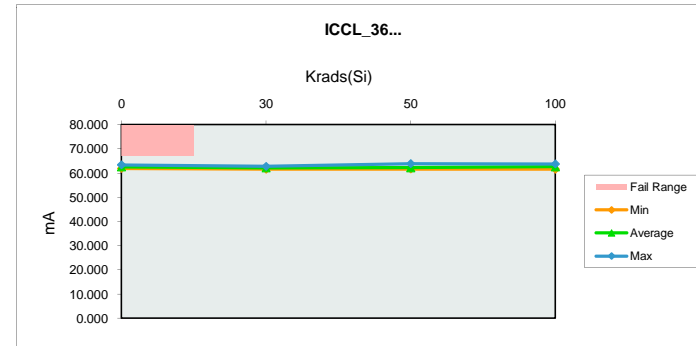
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ICCL_36...		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	67	67
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	62.731	62.733	-0.002	0.00%	0.00%
30	34	62.131	62.253	-0.122	-0.20%	0.18%
30	35	61.652	61.533	0.119	0.19%	0.18%
30	36	61.652	61.773	-0.121	-0.20%	0.18%
30	37	62.731	62.733	-0.002	0.00%	0.00%
30	38	62.131	62.013	0.118	0.19%	0.18%
30	39	62.251	62.373	-0.122	-0.20%	0.18%
30	40	61.772	61.893	-0.121	-0.20%	0.18%
30	41	62.011	62.133	-0.122	-0.20%	0.18%
30	42	62.491	62.373	0.118	0.19%	0.18%
50	43	61.772	62.013	-0.241	-0.39%	0.36%
50	44	62.251	62.133	0.118	0.19%	0.18%
50	45	62.371	62.373	-0.002	0.00%	0.00%
50	46	62.011	61.893	0.118	0.19%	0.18%
50	47	62.011	62.133	-0.122	-0.20%	0.18%
50	48	62.011	61.893	0.118	0.19%	0.18%
50	49	62.851	62.733	0.118	0.19%	0.18%
50	50	63.451	63.812	-0.361	-0.57%	0.54%
50	51	61.652	61.653	-0.001	0.00%	0.00%
50	52	61.892	61.773	0.119	0.19%	0.18%
100	53	62.611	62.973	-0.362	-0.58%	0.54%
100	54	61.772	62.253	-0.481	-0.78%	0.72%
100	55	62.971	63.452	-0.481	-0.76%	0.72%
100	56	62.491	63.692	-1.201	-1.92%	1.79%
100	57	62.011	62.493	-0.482	-0.78%	0.72%
100	58	62.251	62.733	-0.482	-0.77%	0.72%
100	59	62.131	62.493	-0.362	-0.58%	0.54%
100	60	61.652	61.533	0.119	0.19%	0.18%
100	61	62.371	62.133	0.238	0.38%	0.36%
100	62	62.251	62.133	0.118	0.19%	0.18%
0	73	62.011	61.893	0.118	0.19%	0.18%
0	74	63.451	63.332	0.119	0.19%	0.18%
0	75	62.491	62.493	-0.002	0.00%	0.00%
	Max	63.451	63.812	0.238	0.38%	1.79%
	Average	62.251	62.358	-0.107	-0.17%	0.31%
	Min	61.652	61.533	-1.201	-1.92%	0.00%
	Std Dev	0.474	0.585	0.293	0.47%	0.35%



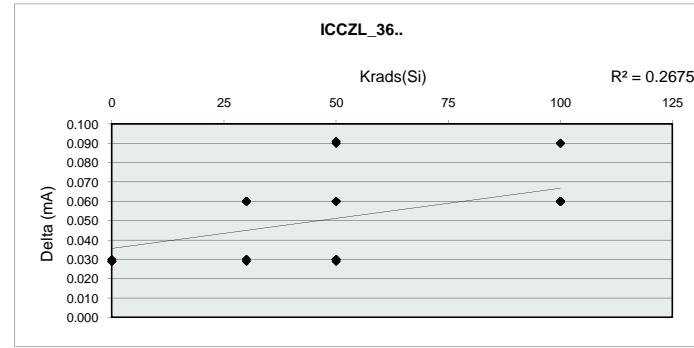
ICCL_36...					
Test Site	Dallas				
Tester	Impact				
Test Number	I21072				
Max Limit	67 mA				
Min Limit	mA				
	Krads(Si)	0	30	50	100
LL					
Min		61.893	61.533	61.653	61.533
Average		62.573	62.181	62.241	62.589
Max		63.332	62.733	63.812	63.692
UL		67.000	67.000	67.000	67.000



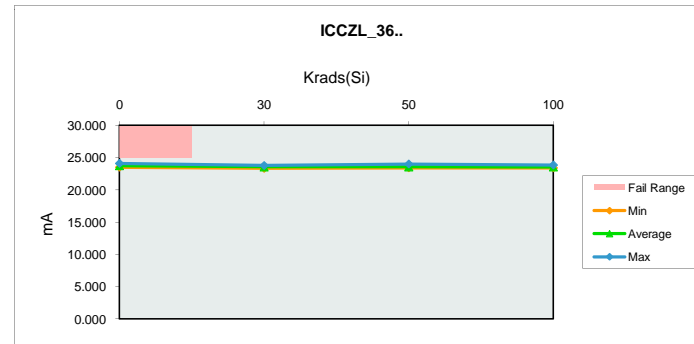
TID HDR Rebound Report
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ICCZL_36..		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	25	25
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	23.721	23.661	0.060	0.25%	0.24%
30	34	23.570	23.540	0.030	0.13%	0.12%
30	35	23.448	23.388	0.060	0.26%	0.24%
30	36	23.357	23.328	0.029	0.12%	0.12%
30	37	23.842	23.782	0.060	0.25%	0.24%
30	38	23.509	23.449	0.060	0.26%	0.24%
30	39	23.630	23.570	0.060	0.25%	0.24%
30	40	23.570	23.540	0.030	0.13%	0.12%
30	41	23.691	23.661	0.030	0.13%	0.12%
30	42	23.842	23.782	0.060	0.25%	0.24%
50	43	23.418	23.388	0.030	0.13%	0.12%
50	44	23.660	23.631	0.029	0.12%	0.12%
50	45	23.691	23.661	0.030	0.13%	0.12%
50	46	23.509	23.479	0.030	0.13%	0.12%
50	47	23.509	23.479	0.030	0.13%	0.12%
50	48	23.509	23.449	0.060	0.26%	0.24%
50	49	23.933	23.873	0.060	0.25%	0.24%
50	50	24.085	23.994	0.091	0.38%	0.36%
50	51	23.509	23.419	0.090	0.38%	0.36%
50	52	23.479	23.419	0.060	0.26%	0.24%
100	53	23.660	23.600	0.060	0.25%	0.24%
100	54	23.448	23.388	0.060	0.26%	0.24%
100	55	23.903	23.843	0.060	0.25%	0.24%
100	56	23.691	23.631	0.060	0.25%	0.24%
100	57	23.630	23.570	0.060	0.25%	0.24%
100	58	23.600	23.510	0.090	0.38%	0.36%
100	59	23.600	23.540	0.060	0.25%	0.24%
100	60	23.448	23.388	0.060	0.26%	0.24%
100	61	23.600	23.510	0.090	0.38%	0.36%
100	62	23.630	23.570	0.060	0.25%	0.24%
0	73	23.539	23.510	0.029	0.12%	0.12%
0	74	24.115	24.085	0.030	0.12%	0.12%
0	75	23.660	23.631	0.029	0.12%	0.12%
Max		24.115	24.085	0.091	0.38%	0.36%
Average		23.637	23.584	0.053	0.22%	0.21%
Min		23.357	23.328	0.029	0.12%	0.12%
Std Dev		0.181	0.179	0.020	0.08%	0.08%



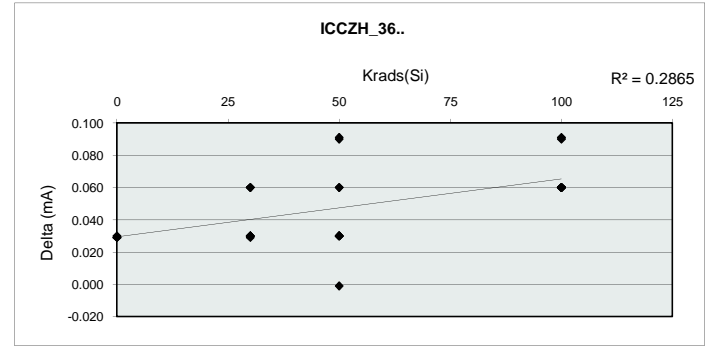
ICCZL_36..				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	25 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	23.510	23.328	23.388	23.388
Average	23.742	23.570	23.579	23.555
Max	24.085	23.782	23.994	23.843
UL	25.000	25.000	25.000	25.000



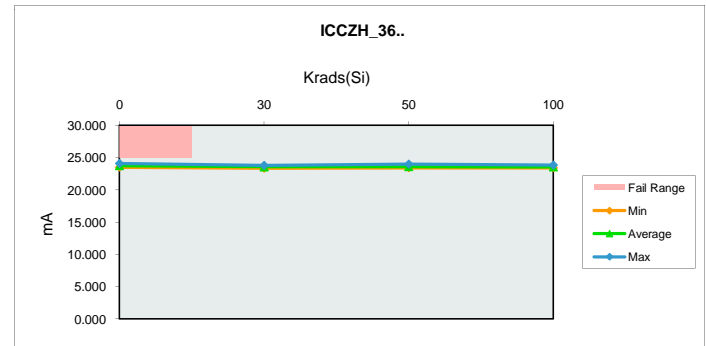
TID HDR Rebound Report
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ICCZH_36..		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	25	25
Min Limit		

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	23.691	23.631	0.060	0.25%	0.24%
30	34	23.570	23.510	0.060	0.25%	0.24%
30	35	23.418	23.388	0.030	0.13%	0.12%
30	36	23.357	23.328	0.029	0.12%	0.12%
30	37	23.842	23.782	0.060	0.25%	0.24%
30	38	23.509	23.449	0.060	0.26%	0.24%
30	39	23.630	23.600	0.030	0.13%	0.12%
30	40	23.570	23.540	0.030	0.13%	0.12%
30	41	23.691	23.661	0.030	0.13%	0.12%
30	42	23.842	23.812	0.030	0.13%	0.12%
50	43	23.418	23.388	0.030	0.13%	0.12%
50	44	23.630	23.631	-0.001	0.00%	0.00%
50	45	23.691	23.661	0.030	0.13%	0.12%
50	46	23.509	23.479	0.030	0.13%	0.12%
50	47	23.509	23.449	0.060	0.26%	0.24%
50	48	23.509	23.479	0.030	0.13%	0.12%
50	49	23.933	23.903	0.030	0.13%	0.12%
50	50	24.085	23.994	0.091	0.38%	0.36%
50	51	23.509	23.419	0.090	0.38%	0.36%
50	52	23.479	23.419	0.060	0.26%	0.24%
100	53	23.660	23.600	0.060	0.25%	0.24%
100	54	23.448	23.388	0.060	0.26%	0.24%
100	55	23.903	23.843	0.060	0.25%	0.24%
100	56	23.691	23.600	0.091	0.38%	0.36%
100	57	23.630	23.570	0.060	0.25%	0.24%
100	58	23.570	23.510	0.060	0.25%	0.24%
100	59	23.600	23.540	0.060	0.25%	0.24%
100	60	23.448	23.388	0.060	0.26%	0.24%
100	61	23.600	23.510	0.090	0.38%	0.36%
100	62	23.630	23.570	0.060	0.25%	0.24%
0	73	23.539	23.510	0.029	0.12%	0.12%
0	74	24.115	24.085	0.030	0.12%	0.12%
0	75	23.660	23.631	0.029	0.12%	0.12%
	Max	24.115	24.085	0.091	0.38%	0.36%
	Average	23.633	23.584	0.049	0.21%	0.20%
	Min	23.357	23.328	-0.001	0.00%	0.00%
	Std Dev	0.182	0.182	0.023	0.10%	0.09%



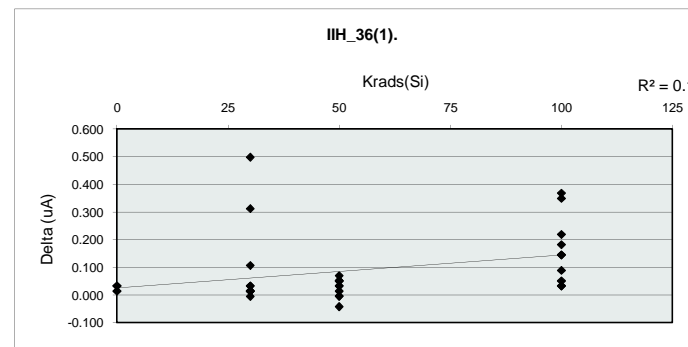
ICCZH_36..				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	25 mA			
Min Limit	mA			
Krads(Si)	0	30	50	100
LL				
Min	23.510	23.328	23.388	23.388
Average	23.742	23.570	23.582	23.552
Max	24.085	23.812	23.994	23.843
UL	25.000	25.000	25.000	25.000



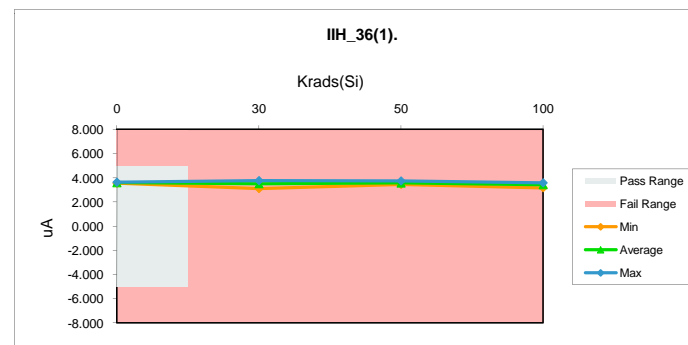
TID HDR Rebound Report SN55LVCP22-SP

IIH_36(1).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.639	3.624	0.015	0.41%	0.15%
30	34	3.639	3.624	0.015	0.41%	0.15%
30	35	3.601	3.103	0.498	13.83%	4.98%
30	36	3.564	3.531	0.033	0.93%	0.33%
30	37	3.601	3.587	0.014	0.39%	0.14%
30	38	3.601	3.587	0.014	0.39%	0.14%
30	39	3.620	3.587	0.033	0.91%	0.33%
30	40	3.508	3.401	0.107	3.05%	1.07%
30	41	3.471	3.159	0.312	8.99%	3.12%
30	42	3.750	3.755	-0.005	-0.13%	0.05%
50	43	3.527	3.494	0.033	0.94%	0.33%
50	44	3.564	3.550	0.014	0.39%	0.14%
50	45	3.527	3.569	-0.042	-1.19%	0.42%
50	46	3.583	3.587	-0.004	-0.11%	0.04%
50	47	3.471	3.438	0.033	0.95%	0.33%
50	48	3.620	3.569	0.051	1.41%	0.51%
50	49	3.676	3.680	-0.004	-0.11%	0.04%
50	50	3.806	3.736	0.070	1.84%	0.70%
50	51	3.601	3.550	0.051	1.42%	0.51%
50	52	3.546	3.494	0.052	1.47%	0.52%
100	53	3.657	3.475	0.182	4.98%	1.82%
100	54	3.620	3.587	0.033	0.91%	0.33%
100	55	3.620	3.401	0.219	6.05%	2.19%
100	56	3.583	3.215	0.368	10.27%	3.68%
100	57	3.508	3.159	0.349	9.95%	3.49%
100	58	3.639	3.550	0.089	2.45%	0.89%
100	59	3.564	3.531	0.033	0.93%	0.33%
100	60	3.508	3.457	0.051	1.45%	0.51%
100	61	3.676	3.531	0.145	3.94%	1.45%
100	62	3.527	3.382	0.145	4.11%	1.45%
0	73	3.564	3.550	0.014	0.39%	0.14%
0	74	3.639	3.606	0.033	0.91%	0.33%
0	75	3.657	3.624	0.033	0.90%	0.33%
Max		3.806	3.755	0.498	13.83%	4.98%
Average		3.596	3.506	0.090	2.53%	0.94%
Min		3.471	3.103	-0.042	-1.19%	0.04%
Std Dev		0.074	0.156	0.125	3.52%	1.23%



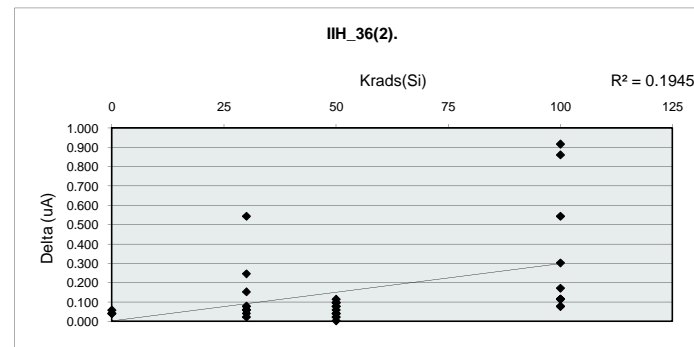
IIH_36(1).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.550	3.103	3.438	3.159
Average	3.593	3.496	3.567	3.429
Max	3.624	3.755	3.736	3.587
UL	5.000	5.000	5.000	5.000



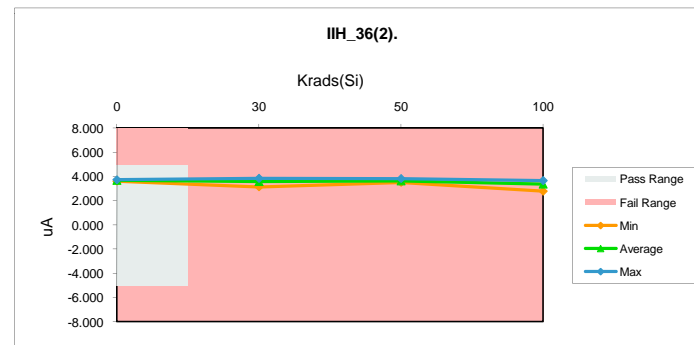
TID HDR Rebound Report SN55LVCP22-SP

IIH_36(2).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.731	3.672	0.059	1.58%	0.59%
30	34	3.750	3.691	0.059	1.57%	0.59%
30	35	3.675	3.132	0.543	14.78%	5.43%
30	36	3.657	3.579	0.078	2.13%	0.78%
30	37	3.731	3.672	0.059	1.58%	0.59%
30	38	3.713	3.672	0.041	1.10%	0.41%
30	39	3.750	3.672	0.078	2.08%	0.78%
30	40	3.601	3.449	0.152	4.22%	1.52%
30	41	3.564	3.318	0.246	6.90%	2.46%
30	42	3.862	3.840	0.022	0.57%	0.22%
50	43	3.620	3.542	0.078	2.15%	0.78%
50	44	3.657	3.635	0.022	0.60%	0.22%
50	45	3.620	3.617	0.003	0.08%	0.03%
50	46	3.675	3.635	0.040	1.09%	0.40%
50	47	3.564	3.505	0.059	1.66%	0.59%
50	48	3.731	3.617	0.114	3.06%	1.14%
50	49	3.769	3.728	0.041	1.09%	0.41%
50	50	3.918	3.821	0.097	2.48%	0.97%
50	51	3.731	3.635	0.096	2.57%	0.96%
50	52	3.657	3.579	0.078	2.13%	0.78%
100	53	3.769	3.467	0.302	8.01%	3.02%
100	54	3.769	3.654	0.115	3.05%	1.15%
100	55	3.731	2.871	0.860	23.05%	8.60%
100	56	3.694	2.778	0.916	24.80%	9.16%
100	57	3.601	3.058	0.543	15.08%	5.43%
100	58	3.750	3.635	0.115	3.07%	1.15%
100	59	3.675	3.598	0.077	2.10%	0.77%
100	60	3.601	3.523	0.078	2.17%	0.78%
100	61	3.750	3.635	0.115	3.07%	1.15%
100	62	3.601	3.430	0.171	4.75%	1.71%
0	73	3.675	3.617	0.058	1.58%	0.58%
0	74	3.731	3.691	0.040	1.07%	0.40%
0	75	3.769	3.728	0.041	1.09%	0.41%
Max		3.918	3.840	0.078	2.03%	0.78%
Average		3.700	3.536	0.164	4.43%	1.64%
Min		3.564	2.778	0.003	0.08%	0.03%
Std Dev		0.080	0.246	0.225	6.10%	2.25%



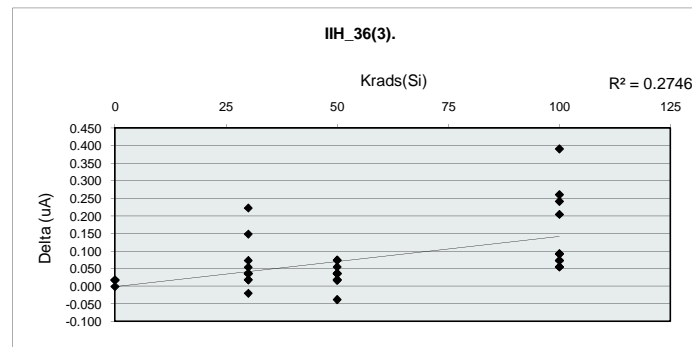
IIH_36(2).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.617	3.132	3.505	2.778
Average	3.679	3.570	3.631	3.365
Max	3.728	3.840	3.821	3.654
UL	5.000	5.000	5.000	5.000



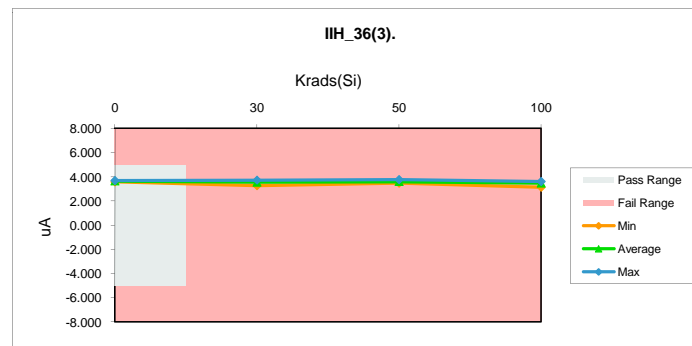
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IIH_36(3).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.659	3.641	0.018	0.49%	0.18%
30	34	3.640	3.604	0.036	0.99%	0.36%
30	35	3.585	3.437	0.148	4.13%	1.48%
30	36	3.566	3.548	0.018	0.50%	0.18%
30	37	3.622	3.586	0.036	0.99%	0.36%
30	38	3.622	3.586	0.036	0.99%	0.36%
30	39	3.640	3.586	0.054	1.48%	0.54%
30	40	3.510	3.437	0.073	2.08%	0.73%
30	41	3.491	3.269	0.222	6.36%	2.22%
30	42	3.696	3.716	-0.020	-0.54%	0.20%
50	43	3.547	3.511	0.036	1.01%	0.36%
50	44	3.585	3.567	0.018	0.50%	0.18%
50	45	3.566	3.604	-0.038	-1.07%	0.38%
50	46	3.603	3.586	0.017	0.47%	0.17%
50	47	3.510	3.474	0.036	1.03%	0.36%
50	48	3.622	3.567	0.055	1.52%	0.55%
50	49	3.734	3.716	0.018	0.48%	0.18%
50	50	3.827	3.753	0.074	1.93%	0.74%
50	51	3.622	3.548	0.074	2.04%	0.74%
50	52	3.566	3.530	0.036	1.01%	0.36%
100	53	3.696	3.492	0.204	5.52%	2.04%
100	54	3.640	3.567	0.073	2.01%	0.73%
100	55	3.640	3.399	0.241	6.62%	2.41%
100	56	3.603	3.343	0.260	7.22%	2.60%
100	57	3.529	3.139	0.390	11.05%	3.90%
100	58	3.678	3.586	0.092	2.50%	0.92%
100	59	3.585	3.530	0.055	1.53%	0.55%
100	60	3.529	3.474	0.055	1.56%	0.55%
100	61	3.696	3.604	0.092	2.49%	0.92%
100	62	3.547	3.474	0.073	2.06%	0.73%
0	73	3.585	3.586	-0.001	-0.03%	0.01%
0	74	3.678	3.660	0.018	0.49%	0.18%
0	75	3.696	3.679	0.017	0.46%	0.17%
	Max	3.827	3.753	0.390	11.05%	3.90%
	Average	3.616	3.539	0.076	2.12%	0.80%
	Min	3.491	3.139	-0.038	-1.07%	0.01%
	Std Dev	0.073	0.126	0.091	2.56%	0.88%



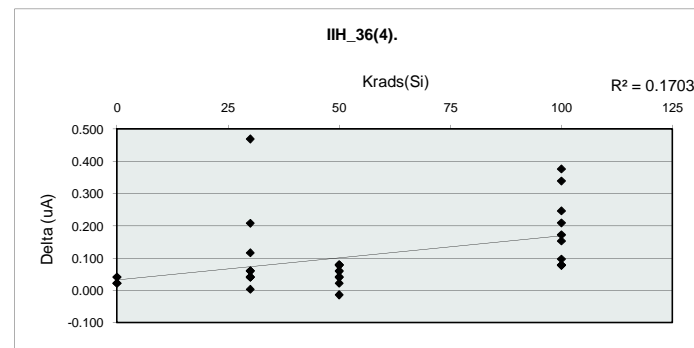
IIH_36(3).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.586	3.269	3.474	3.139
Average	3.642	3.541	3.586	3.461
Max	3.679	3.716	3.753	3.604
UL	5.000	5.000	5.000	5.000



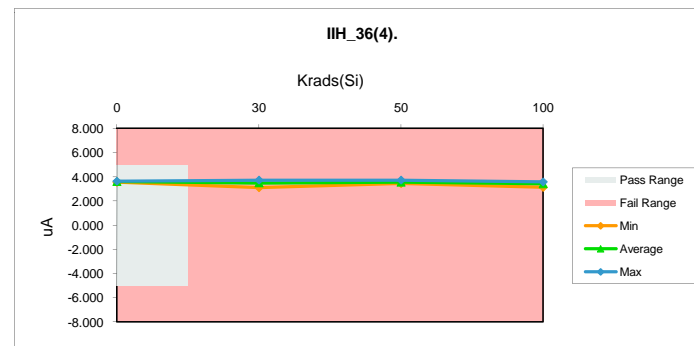
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IIH_36(4).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.645	3.604	0.041	1.12%	0.41%
30	34	3.645	3.585	0.060	1.65%	0.60%
30	35	3.570	3.101	0.469	13.14%	4.69%
30	36	3.533	3.492	0.041	1.16%	0.41%
30	37	3.608	3.548	0.060	1.66%	0.60%
30	38	3.589	3.548	0.041	1.14%	0.41%
30	39	3.608	3.548	0.060	1.66%	0.60%
30	40	3.496	3.380	0.116	3.32%	1.16%
30	41	3.477	3.269	0.208	5.98%	2.08%
30	42	3.719	3.716	0.003	0.08%	0.03%
50	43	3.533	3.474	0.059	1.67%	0.59%
50	44	3.570	3.548	0.022	0.62%	0.22%
50	45	3.515	3.529	-0.014	-0.40%	0.14%
50	46	3.589	3.548	0.041	1.14%	0.41%
50	47	3.496	3.436	0.060	1.72%	0.60%
50	48	3.608	3.529	0.079	2.19%	0.79%
50	49	3.682	3.641	0.041	1.11%	0.41%
50	50	3.794	3.716	0.078	2.06%	0.78%
50	51	3.608	3.529	0.079	2.19%	0.79%
50	52	3.552	3.474	0.078	2.20%	0.78%
100	53	3.664	3.455	0.209	5.70%	2.09%
100	54	3.645	3.567	0.078	2.14%	0.78%
100	55	3.608	3.362	0.246	6.82%	2.46%
100	56	3.589	3.250	0.339	9.45%	3.39%
100	57	3.496	3.120	0.376	10.76%	3.76%
100	58	3.645	3.548	0.097	2.66%	0.97%
100	59	3.570	3.492	0.078	2.18%	0.78%
100	60	3.496	3.418	0.078	2.23%	0.78%
100	61	3.664	3.511	0.153	4.18%	1.53%
100	62	3.515	3.343	0.172	4.89%	1.72%
0	73	3.570	3.548	0.022	0.62%	0.22%
0	74	3.645	3.604	0.041	1.12%	0.41%
0	75	3.645	3.623	0.022	0.60%	0.22%
Max		3.794	3.716	0.469	13.14%	4.69%
Average		3.594	3.487	0.107	2.99%	1.08%
Min		3.477	3.101	-0.014	-0.40%	0.03%
Std Dev		0.072	0.144	0.111	3.12%	1.10%



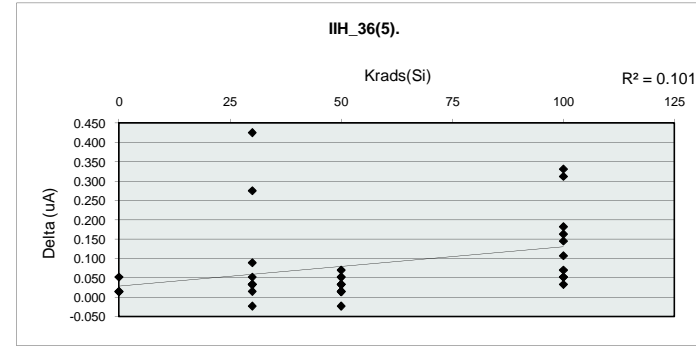
IIH_36(4).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.548	3.101	3.436	3.120
Average	3.592	3.479	3.542	3.407
Max	3.623	3.716	3.716	3.567
UL	5.000	5.000	5.000	5.000



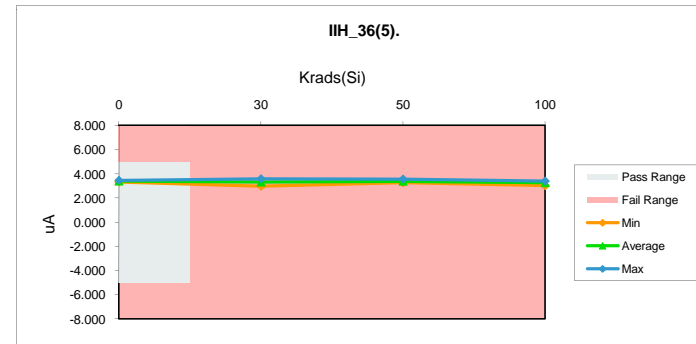
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IIH_36(5).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.453	3.438	0.015	0.43%	0.15%
30	34	3.453	3.420	0.033	0.96%	0.33%
30	35	3.397	2.972	0.425	12.51%	4.25%
30	36	3.378	3.345	0.033	0.98%	0.33%
30	37	3.434	3.401	0.033	0.96%	0.33%
30	38	3.415	3.382	0.033	0.97%	0.33%
30	39	3.453	3.401	0.052	1.51%	0.52%
30	40	3.304	3.215	0.089	2.69%	0.89%
30	41	3.285	3.010	0.275	8.37%	2.75%
30	42	3.546	3.569	-0.023	-0.65%	0.23%
50	43	3.341	3.308	0.033	0.99%	0.33%
50	44	3.378	3.364	0.014	0.41%	0.14%
50	45	3.341	3.364	-0.023	-0.69%	0.23%
50	46	3.397	3.382	0.015	0.44%	0.15%
50	47	3.285	3.252	0.033	1.00%	0.33%
50	48	3.434	3.382	0.052	1.51%	0.52%
50	49	3.490	3.475	0.015	0.43%	0.15%
50	50	3.583	3.550	0.033	0.92%	0.33%
50	51	3.434	3.364	0.070	2.04%	0.70%
50	52	3.360	3.308	0.052	1.55%	0.52%
100	53	3.471	3.289	0.182	5.24%	1.82%
100	54	3.434	3.382	0.052	1.51%	0.52%
100	55	3.415	3.252	0.163	4.77%	1.63%
100	56	3.397	3.066	0.331	9.74%	3.31%
100	57	3.322	3.010	0.312	9.39%	3.12%
100	58	3.434	3.364	0.070	2.04%	0.70%
100	59	3.378	3.345	0.033	0.98%	0.33%
100	60	3.322	3.270	0.052	1.57%	0.52%
100	61	3.490	3.345	0.145	4.15%	1.45%
100	62	3.322	3.215	0.107	3.22%	1.07%
0	73	3.378	3.326	0.052	1.54%	0.52%
0	74	3.434	3.420	0.014	0.41%	0.14%
0	75	3.453	3.438	0.015	0.43%	0.15%
	Max	3.583	3.569	0.425	12.51%	4.25%
	Average	3.406	3.322	0.084	2.50%	0.87%
	Min	3.285	2.972	-0.023	-0.69%	0.14%
	Std Dev	0.070	0.141	0.107	3.17%	1.04%



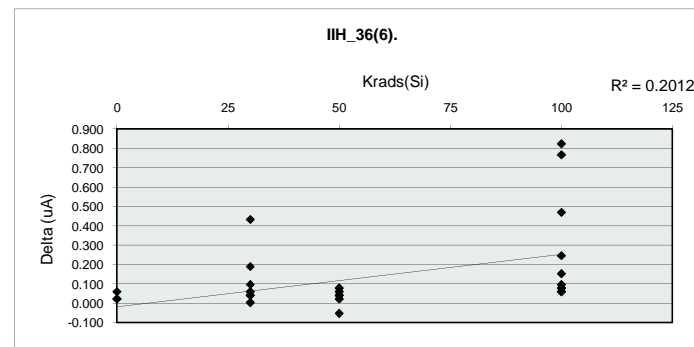
IIH_36(5).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.326	2.972	3.252	3.010
Average	3.395	3.315	3.375	3.254
Max	3.438	3.569	3.550	3.382
UL	5.000	5.000	5.000	5.000



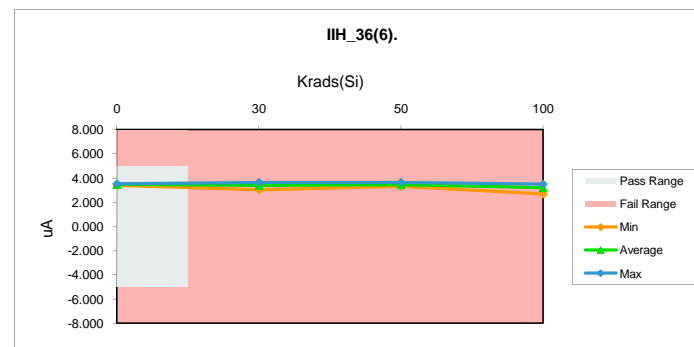
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IIH_36(6).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.508	3.505	0.003	0.09%	0.03%
30	34	3.545	3.505	0.040	1.13%	0.40%
30	35	3.452	3.020	0.432	12.51%	4.32%
30	36	3.433	3.374	0.059	1.72%	0.59%
30	37	3.526	3.486	0.040	1.13%	0.40%
30	38	3.508	3.467	0.041	1.17%	0.41%
30	39	3.526	3.467	0.059	1.67%	0.59%
30	40	3.377	3.281	0.096	2.84%	0.96%
30	41	3.340	3.151	0.189	5.66%	1.89%
30	42	3.638	3.635	0.003	0.08%	0.03%
50	43	3.415	3.374	0.041	1.20%	0.41%
50	44	3.452	3.412	0.040	1.16%	0.40%
50	45	3.396	3.449	-0.053	-1.56%	0.53%
50	46	3.452	3.430	0.022	0.64%	0.22%
50	47	3.359	3.318	0.041	1.22%	0.41%
50	48	3.508	3.449	0.059	1.68%	0.59%
50	49	3.545	3.523	0.022	0.62%	0.22%
50	50	3.694	3.635	0.059	1.60%	0.59%
50	51	3.526	3.449	0.077	2.18%	0.77%
50	52	3.452	3.374	0.078	2.26%	0.78%
100	53	3.545	3.300	0.245	6.91%	2.45%
100	54	3.545	3.486	0.059	1.66%	0.59%
100	55	3.526	2.760	0.766	21.72%	7.66%
100	56	3.489	2.666	0.823	23.59%	8.23%
100	57	3.396	2.927	0.469	13.81%	4.69%
100	58	3.545	3.449	0.096	2.71%	0.96%
100	59	3.452	3.393	0.059	1.71%	0.59%
100	60	3.396	3.318	0.078	2.30%	0.78%
100	61	3.545	3.467	0.078	2.20%	0.78%
100	62	3.415	3.263	0.152	4.45%	1.52%
0	73	3.452	3.393	0.059	1.71%	0.59%
0	74	3.489	3.467	0.022	0.63%	0.22%
0	75	3.545	3.523	0.022	0.62%	0.22%
	Max	3.694	3.635	0.823	23.59%	8.23%
	Average	3.485	3.355	0.130	3.73%	1.33%
	Min	3.340	2.666	-0.053	-1.56%	0.03%
	Std Dev	0.077	0.222	0.203	5.82%	2.01%



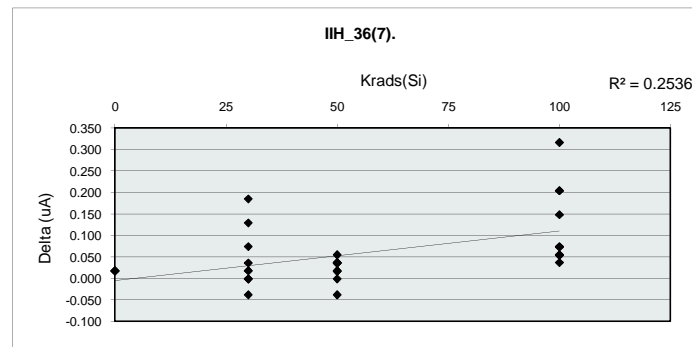
IIH_36(6).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.393	3.020	3.318	2.666
Average	3.461	3.389	3.441	3.203
Max	3.523	3.635	3.635	3.486
UL	5.000	5.000	5.000	5.000



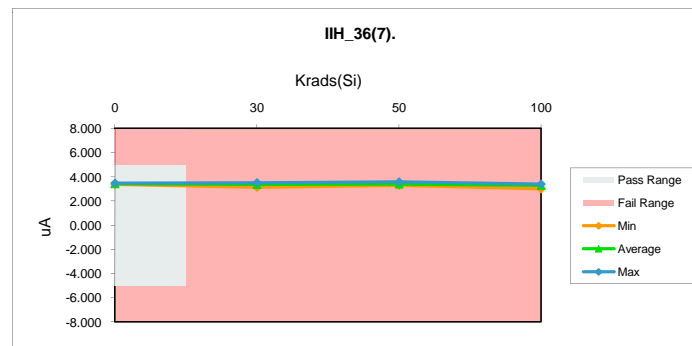
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IIH_36(7).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.454	3.455	-0.001	-0.03%	0.01%
30	34	3.417	3.418	-0.001	-0.03%	0.01%
30	35	3.398	3.269	0.129	3.80%	1.29%
30	36	3.361	3.343	0.018	0.54%	0.18%
30	37	3.417	3.399	0.018	0.53%	0.18%
30	38	3.398	3.399	-0.001	-0.03%	0.01%
30	39	3.435	3.399	0.036	1.05%	0.36%
30	40	3.324	3.250	0.074	2.23%	0.74%
30	41	3.305	3.120	0.185	5.60%	1.85%
30	42	3.473	3.511	-0.038	-1.09%	0.38%
50	43	3.342	3.325	0.017	0.51%	0.17%
50	44	3.398	3.381	0.017	0.50%	0.17%
50	45	3.361	3.399	-0.038	-1.13%	0.38%
50	46	3.398	3.399	-0.001	-0.03%	0.01%
50	47	3.324	3.288	0.036	1.08%	0.36%
50	48	3.398	3.362	0.036	1.06%	0.36%
50	49	3.529	3.511	0.018	0.51%	0.18%
50	50	3.603	3.567	0.036	1.00%	0.36%
50	51	3.417	3.362	0.055	1.61%	0.55%
50	52	3.380	3.343	0.037	1.09%	0.37%
100	53	3.473	3.325	0.148	4.26%	1.48%
100	54	3.435	3.381	0.054	1.57%	0.54%
100	55	3.454	3.250	0.204	5.91%	2.04%
100	56	3.398	3.194	0.204	6.00%	2.04%
100	57	3.324	3.008	0.316	9.51%	3.16%
100	58	3.454	3.399	0.055	1.59%	0.55%
100	59	3.380	3.343	0.037	1.09%	0.37%
100	60	3.342	3.269	0.073	2.18%	0.73%
100	61	3.473	3.399	0.074	2.13%	0.74%
100	62	3.342	3.288	0.054	1.62%	0.54%
0	73	3.380	3.362	0.018	0.53%	0.18%
0	74	3.473	3.455	0.018	0.52%	0.18%
0	75	3.491	3.474	0.017	0.49%	0.17%
	Max	3.603	3.567	0.036	9.51%	3.16%
	Average	3.411	3.353	0.058	1.70%	0.63%
	Min	3.305	3.008	-0.038	-1.13%	0.01%
	Std Dev	0.065	0.111	0.077	2.27%	0.73%



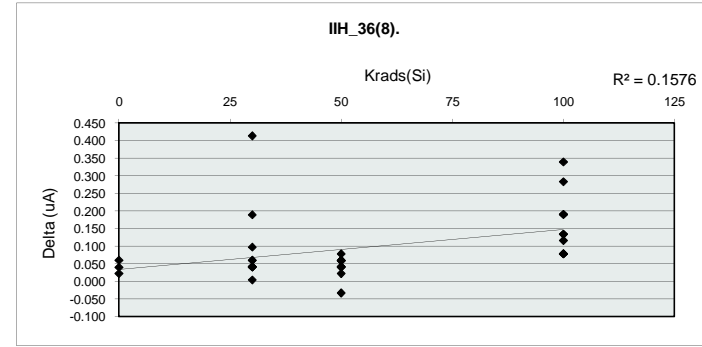
IIH_36(7).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.362	3.120	3.288	3.008
Average	3.430	3.356	3.394	3.286
Max	3.474	3.511	3.567	3.399
UL	5.000	5.000	5.000	5.000



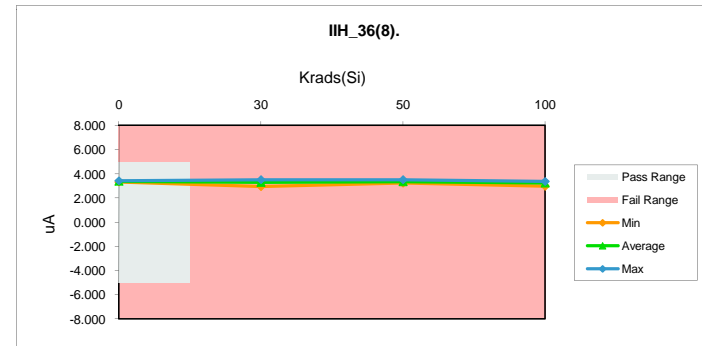
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IIH_36(8).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	3.440	3.399	0.041	1.19%	0.41%
30	34	3.440	3.380	0.060	1.74%	0.60%
30	35	3.365	2.952	0.413	12.27%	4.13%
30	36	3.347	3.287	0.060	1.79%	0.60%
30	37	3.403	3.362	0.041	1.20%	0.41%
30	38	3.384	3.343	0.041	1.21%	0.41%
30	39	3.403	3.362	0.041	1.20%	0.41%
30	40	3.291	3.194	0.097	2.95%	0.97%
30	41	3.272	3.083	0.189	5.78%	1.89%
30	42	3.515	3.511	0.004	0.11%	0.04%
50	43	3.328	3.287	0.041	1.23%	0.41%
50	44	3.384	3.343	0.041	1.21%	0.41%
50	45	3.310	3.343	-0.033	-1.00%	0.33%
50	46	3.384	3.343	0.041	1.21%	0.41%
50	47	3.291	3.232	0.059	1.79%	0.59%
50	48	3.403	3.343	0.060	1.76%	0.60%
50	49	3.477	3.455	0.022	0.63%	0.22%
50	50	3.570	3.511	0.059	1.65%	0.59%
50	51	3.403	3.325	0.078	2.29%	0.78%
50	52	3.328	3.269	0.059	1.77%	0.59%
100	53	3.459	3.269	0.190	5.49%	1.90%
100	54	3.440	3.362	0.078	2.27%	0.78%
100	55	3.384	3.194	0.190	5.61%	1.90%
100	56	3.384	3.101	0.283	8.36%	2.83%
100	57	3.310	2.971	0.339	10.24%	3.39%
100	58	3.459	3.343	0.116	3.35%	1.16%
100	59	3.365	3.287	0.078	2.32%	0.78%
100	60	3.291	3.213	0.078	2.37%	0.78%
100	61	3.459	3.325	0.134	3.87%	1.34%
100	62	3.310	3.176	0.134	4.05%	1.34%
0	73	3.365	3.325	0.040	1.19%	0.40%
0	74	3.440	3.380	0.060	1.74%	0.60%
0	75	3.440	3.418	0.022	0.64%	0.22%
Max		3.570	3.511	0.413	12.27%	4.13%
Average		3.389	3.294	0.096	2.83%	0.98%
Min		3.272	2.952	-0.033	-1.00%	0.04%
Std Dev		0.070	0.130	0.096	2.87%	0.94%



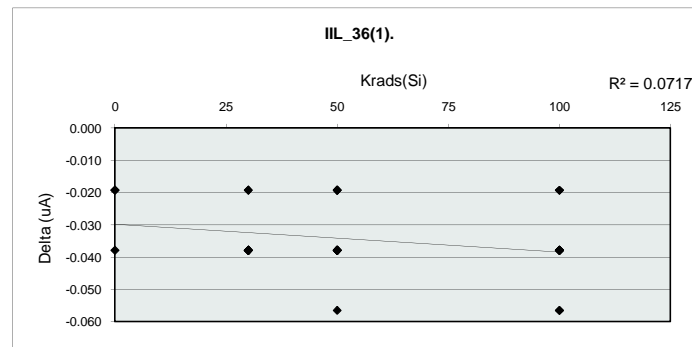
IIH_36(8).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	3.325	2.952	3.232	2.971
Average	3.374	3.287	3.345	3.224
Max	3.418	3.511	3.511	3.362
UL	5.000	5.000	5.000	5.000



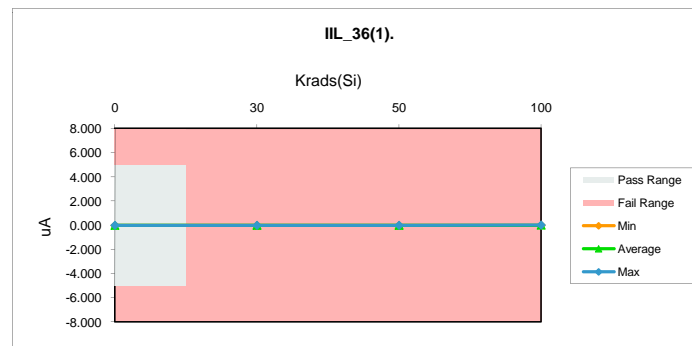
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IIL_36(1).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.046	-0.008	-0.038	83.30%	0.38%
30	34	-0.046	-0.026	-0.019	42.38%	0.19%
30	35	-0.046	-0.026	-0.019	42.38%	0.19%
30	36	-0.046	-0.008	-0.038	83.30%	0.38%
30	37	-0.046	-0.008	-0.038	83.30%	0.38%
30	38	-0.046	-0.008	-0.038	83.30%	0.38%
30	39	-0.046	-0.008	-0.038	83.30%	0.38%
30	40	-0.046	-0.008	-0.038	83.30%	0.38%
30	41	-0.046	-0.008	-0.038	83.30%	0.38%
30	42	-0.046	-0.008	-0.038	83.30%	0.38%
50	43	-0.027	-0.008	-0.019	71.75%	0.19%
50	44	-0.046	-0.008	-0.038	83.30%	0.38%
50	45	-0.064	-0.008	-0.057	88.14%	0.57%
50	46	-0.046	-0.008	-0.038	83.30%	0.38%
50	47	-0.046	-0.026	-0.019	42.38%	0.19%
50	48	-0.046	-0.026	-0.019	42.38%	0.19%
50	49	-0.046	-0.008	-0.038	83.30%	0.38%
50	50	-0.046	-0.008	-0.038	83.30%	0.38%
50	51	-0.046	-0.008	-0.038	83.30%	0.38%
50	52	-0.046	-0.008	-0.038	83.30%	0.38%
100	53	-0.046	0.011	-0.057	124.22%	0.57%
100	54	-0.046	-0.008	-0.038	83.30%	0.38%
100	55	-0.046	-0.008	-0.038	83.30%	0.38%
100	56	-0.027	-0.008	-0.019	71.75%	0.19%
100	57	-0.046	-0.008	-0.038	83.30%	0.38%
100	58	-0.046	-0.008	-0.038	83.30%	0.38%
100	59	-0.064	-0.008	-0.057	88.14%	0.57%
100	60	-0.027	-0.008	-0.019	71.75%	0.19%
100	61	-0.046	-0.008	-0.038	83.30%	0.38%
100	62	-0.046	-0.008	-0.038	83.30%	0.38%
0	73	-0.046	-0.008	-0.038	83.30%	0.38%
0	74	-0.046	-0.026	-0.019	42.38%	0.19%
0	75	-0.046	-0.026	-0.019	42.38%	0.19%
	Max	-0.027	0.011	-0.019	124.22%	0.57%
	Average	-0.045	-0.010	-0.035	76.34%	0.35%
	Min	-0.064	-0.026	-0.057	42.38%	0.19%
	Std Dev	0.007	0.008	0.011	18.18%	0.11%



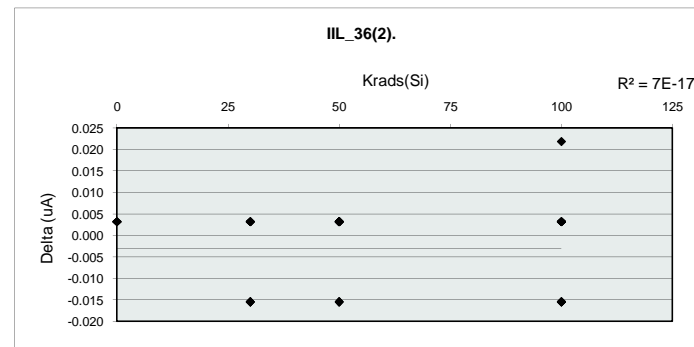
IIL_36(1).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.026	-0.026	-0.026	-0.008
Average	-0.020	-0.011	-0.011	-0.006
Max	-0.008	-0.008	-0.008	0.011
UL	5.000	5.000	5.000	5.000



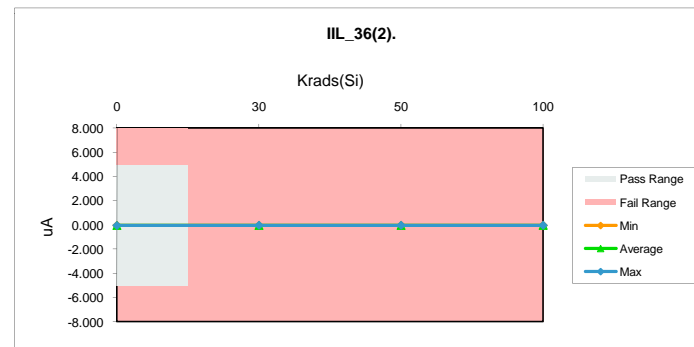
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IIL_36(2).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.051	-0.054	0.003	-6.27%	0.03%
30	34	-0.069	-0.054	-0.015	22.36%	0.15%
30	35	-0.051	-0.035	-0.015	30.61%	0.15%
30	36	-0.051	-0.035	-0.015	30.61%	0.15%
30	37	-0.051	-0.054	0.003	-6.27%	0.03%
30	38	-0.051	-0.054	0.003	-6.27%	0.03%
30	39	-0.051	-0.035	-0.015	30.61%	0.15%
30	40	-0.051	-0.054	0.003	-6.27%	0.03%
30	41	-0.051	-0.035	-0.015	30.61%	0.15%
30	42	-0.051	-0.054	0.003	-6.27%	0.03%
50	43	-0.051	-0.054	0.003	-6.27%	0.03%
50	44	-0.051	-0.035	-0.015	30.61%	0.15%
50	45	-0.051	-0.054	0.003	-6.27%	0.03%
50	46	-0.051	-0.035	-0.015	30.61%	0.15%
50	47	-0.051	-0.035	-0.015	30.61%	0.15%
50	48	-0.051	-0.054	0.003	-6.27%	0.03%
50	49	-0.051	-0.054	0.003	-6.27%	0.03%
50	50	-0.051	-0.054	0.003	-6.27%	0.03%
50	51	-0.051	-0.054	0.003	-6.27%	0.03%
50	52	-0.032	-0.035	0.003	-9.94%	0.03%
100	53	-0.051	-0.054	0.003	-6.27%	0.03%
100	54	-0.051	-0.054	0.003	-6.27%	0.03%
100	55	-0.032	-0.035	0.003	-9.94%	0.03%
100	56	-0.051	-0.035	-0.015	30.61%	0.15%
100	57	-0.051	-0.054	0.003	-6.27%	0.03%
100	58	-0.051	-0.035	-0.015	30.61%	0.15%
100	59	-0.051	-0.035	-0.015	30.61%	0.15%
100	60	-0.051	-0.035	-0.015	30.61%	0.15%
100	61	-0.051	-0.054	0.003	-6.27%	0.03%
100	62	-0.032	-0.054	0.022	-68.38%	0.22%
0	73	-0.051	-0.054	0.003	-6.27%	0.03%
0	74	-0.051	-0.054	0.003	-6.27%	0.03%
0	75	-0.051	-0.054	0.003	-6.27%	0.03%
	Max	-0.032	-0.035	0.022	30.61%	0.22%
	Average	-0.049	-0.046	-0.003	4.78%	0.08%
	Min	-0.069	-0.054	-0.015	-68.38%	0.03%
	Std Dev	0.006	0.009	0.010	22.10%	0.06%



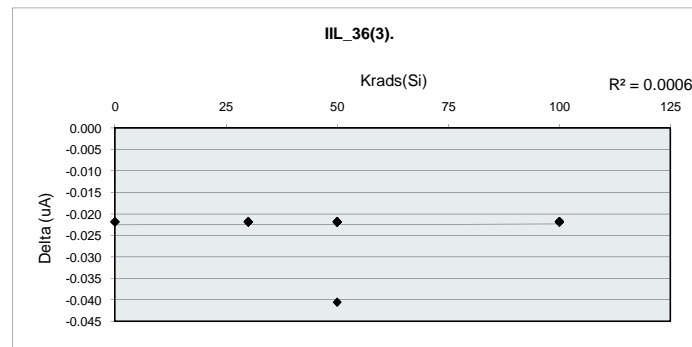
IIL_36(2).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.054	-0.054	-0.054	-0.054
Average	-0.054	-0.046	-0.046	-0.044
Max	-0.054	-0.035	-0.035	-0.035
UL	5.000	5.000	5.000	5.000



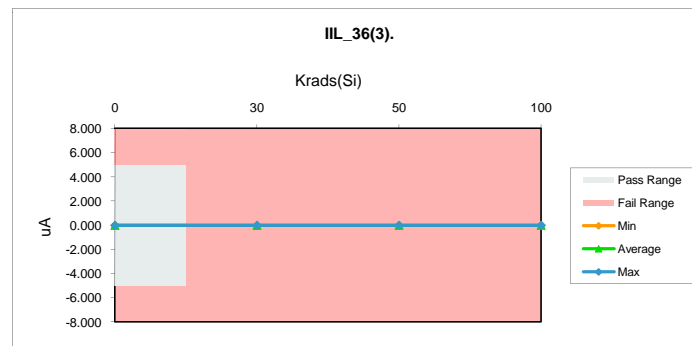
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IIL_36(3).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.031	-0.010	-0.022	69.66%	0.22%
30	34	-0.031	-0.010	-0.022	69.66%	0.22%
30	35	-0.031	-0.010	-0.022	69.66%	0.22%
30	36	-0.031	-0.010	-0.022	69.66%	0.22%
30	37	-0.031	-0.010	-0.022	69.66%	0.22%
30	38	-0.031	-0.010	-0.022	69.66%	0.22%
30	39	-0.031	-0.010	-0.022	69.66%	0.22%
30	40	-0.031	-0.010	-0.022	69.66%	0.22%
30	41	-0.031	-0.010	-0.022	69.66%	0.22%
30	42	-0.031	-0.010	-0.022	69.66%	0.22%
50	43	-0.031	-0.010	-0.022	69.66%	0.22%
50	44	-0.031	-0.010	-0.022	69.66%	0.22%
50	45	-0.031	-0.010	-0.022	69.66%	0.22%
50	46	-0.031	-0.010	-0.022	69.66%	0.22%
50	47	-0.031	-0.010	-0.022	69.66%	0.22%
50	48	-0.031	-0.010	-0.022	69.66%	0.22%
50	49	-0.031	-0.010	-0.022	69.66%	0.22%
50	50	-0.031	-0.010	-0.022	69.66%	0.22%
50	51	-0.050	-0.010	-0.041	80.96%	0.41%
50	52	-0.031	-0.010	-0.022	69.66%	0.22%
100	53	-0.031	-0.010	-0.022	69.66%	0.22%
100	54	-0.031	-0.010	-0.022	69.66%	0.22%
100	55	-0.031	-0.010	-0.022	69.66%	0.22%
100	56	-0.031	-0.010	-0.022	69.66%	0.22%
100	57	-0.031	-0.010	-0.022	69.66%	0.22%
100	58	-0.031	-0.010	-0.022	69.66%	0.22%
100	59	-0.031	-0.010	-0.022	69.66%	0.22%
100	60	-0.031	-0.010	-0.022	69.66%	0.22%
100	61	-0.031	-0.010	-0.022	69.66%	0.22%
100	62	-0.031	-0.010	-0.022	69.66%	0.22%
0	73	-0.031	-0.010	-0.022	69.66%	0.22%
0	74	-0.031	-0.010	-0.022	69.66%	0.22%
0	75	-0.031	-0.010	-0.022	69.66%	0.22%
	Max	-0.031	-0.010	-0.022	80.96%	0.41%
	Average	-0.032	-0.010	-0.022	70.00%	0.22%
	Min	-0.050	-0.010	-0.041	69.66%	0.22%
	Std Dev	0.003	0.000	0.003	1.97%	0.03%



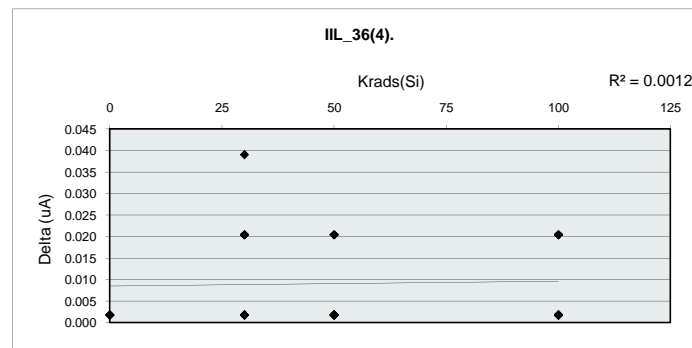
IIL_36(3).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.010	-0.010	-0.010	-0.010
Average	-0.010	-0.010	-0.010	-0.010
Max	-0.010	-0.010	-0.010	-0.010
UL	5.000	5.000	5.000	5.000



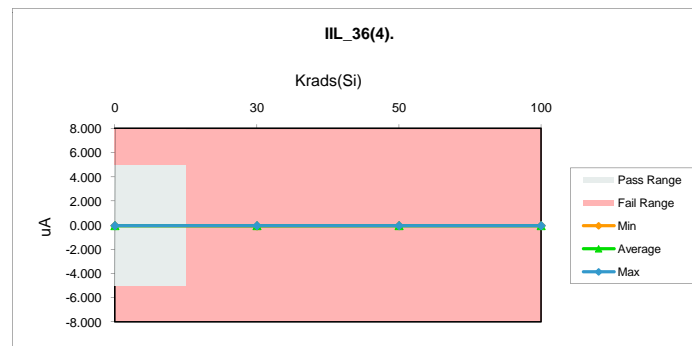
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IIL_36(4).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.044	-0.046	0.002	-4.08%	0.02%
30	34	-0.025	-0.046	0.020	-80.86%	0.20%
30	35	-0.044	-0.046	0.002	-4.08%	0.02%
30	36	-0.025	-0.046	0.020	-80.86%	0.20%
30	37	-0.025	-0.064	0.039	-154.60%	0.39%
30	38	-0.025	-0.046	0.020	-80.86%	0.20%
30	39	-0.044	-0.046	0.002	-4.08%	0.02%
30	40	-0.044	-0.046	0.002	-4.08%	0.02%
30	41	-0.044	-0.046	0.002	-4.08%	0.02%
30	42	-0.044	-0.064	0.020	-46.51%	0.20%
50	43	-0.044	-0.046	0.002	-4.08%	0.02%
50	44	-0.025	-0.046	0.020	-80.86%	0.20%
50	45	-0.044	-0.046	0.002	-4.08%	0.02%
50	46	-0.044	-0.046	0.002	-4.08%	0.02%
50	47	-0.044	-0.046	0.002	-4.08%	0.02%
50	48	-0.044	-0.046	0.002	-4.08%	0.02%
50	49	-0.044	-0.046	0.002	-4.08%	0.02%
50	50	-0.025	-0.046	0.020	-80.86%	0.20%
50	51	-0.025	-0.046	0.020	-80.86%	0.20%
50	52	-0.044	-0.046	0.002	-4.08%	0.02%
100	53	-0.044	-0.046	0.002	-4.08%	0.02%
100	54	-0.025	-0.046	0.020	-80.86%	0.20%
100	55	-0.044	-0.046	0.002	-4.08%	0.02%
100	56	-0.044	-0.046	0.002	-4.08%	0.02%
100	57	-0.025	-0.046	0.020	-80.86%	0.20%
100	58	-0.044	-0.046	0.002	-4.08%	0.02%
100	59	-0.044	-0.046	0.002	-4.08%	0.02%
100	60	-0.025	-0.046	0.020	-80.86%	0.20%
100	61	-0.044	-0.046	0.002	-4.08%	0.02%
100	62	-0.025	-0.046	0.020	-80.86%	0.20%
0	73	-0.044	-0.046	0.002	-4.08%	0.02%
0	74	-0.044	-0.046	0.002	-4.08%	0.02%
0	75	-0.044	-0.046	0.002	-4.08%	0.02%
Max		-0.025	-0.046	0.039	-4.08%	0.39%
Average		-0.038	-0.047	0.009	-33.19%	0.09%
Min		-0.044	-0.064	0.002	-154.60%	0.02%
Std Dev		0.009	0.005	0.010	41.62%	0.10%



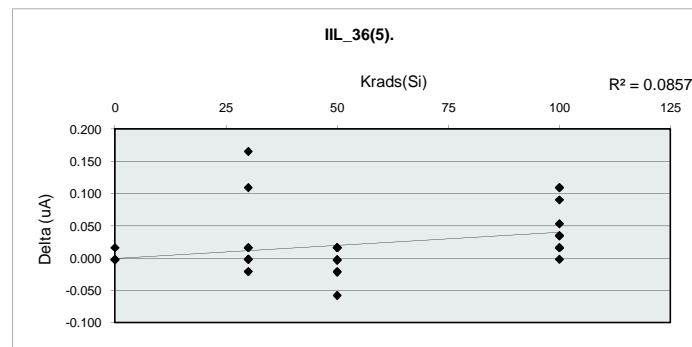
IIL_36(4).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.046	-0.064	-0.046	-0.046
Average	-0.046	-0.049	-0.046	-0.046
Max	-0.046	-0.046	-0.046	-0.046
UL	5.000	5.000	5.000	5.000



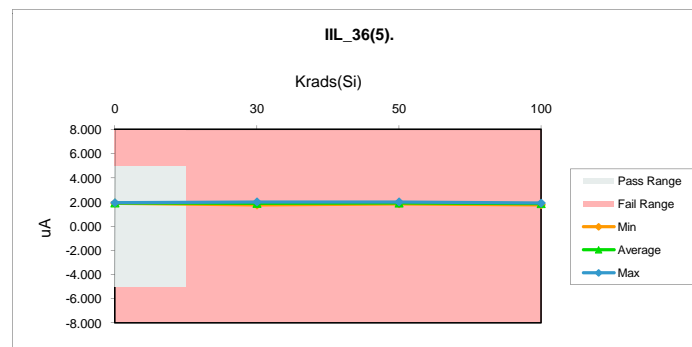
TID HDR Rebound Report
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IIL_36(5).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.927	1.929	-0.002	-0.10%	0.02%
30	34	1.945	1.929	0.016	0.82%	0.16%
30	35	1.908	1.743	0.165	8.65%	1.65%
30	36	1.908	1.892	0.016	0.84%	0.16%
30	37	1.927	1.929	-0.002	-0.10%	0.02%
30	38	1.908	1.929	-0.021	-1.10%	0.21%
30	39	1.927	1.929	-0.002	-0.10%	0.02%
30	40	1.852	1.836	0.016	0.86%	0.16%
30	41	1.852	1.743	0.109	5.89%	1.09%
30	42	1.983	2.004	-0.021	-1.06%	0.21%
50	43	1.871	1.874	-0.003	-0.16%	0.03%
50	44	1.890	1.911	-0.021	-1.11%	0.21%
50	45	1.871	1.929	-0.058	-3.10%	0.58%
50	46	1.908	1.911	-0.003	-0.16%	0.03%
50	47	1.852	1.836	0.016	0.86%	0.16%
50	48	1.908	1.911	-0.003	-0.16%	0.03%
50	49	1.945	1.967	-0.022	-1.13%	0.22%
50	50	2.020	2.004	0.016	0.79%	0.16%
50	51	1.927	1.911	0.016	0.83%	0.16%
50	52	1.890	1.874	0.016	0.85%	0.16%
100	53	1.964	1.874	0.090	4.58%	0.90%
100	54	1.927	1.911	0.016	0.83%	0.16%
100	55	1.908	1.855	0.053	2.78%	0.53%
100	56	1.908	1.799	0.109	5.71%	1.09%
100	57	1.871	1.762	0.109	5.83%	1.09%
100	58	1.927	1.911	0.016	0.83%	0.16%
100	59	1.890	1.892	-0.002	-0.11%	0.02%
100	60	1.871	1.855	0.016	0.86%	0.16%
100	61	1.945	1.911	0.034	1.75%	0.34%
100	62	1.871	1.836	0.035	1.87%	0.35%
0	73	1.908	1.892	0.016	0.84%	0.16%
0	74	1.927	1.929	-0.002	-0.10%	0.02%
0	75	1.945	1.948	-0.003	-0.15%	0.03%
Max	2.020	2.004	0.165	8.65%	1.65%	
Average	1.912	1.890	0.022	1.14%	0.32%	
Min	1.852	1.743	-0.058	-3.10%	0.02%	
Std Dev	0.038	0.063	0.046	2.44%	0.40%	



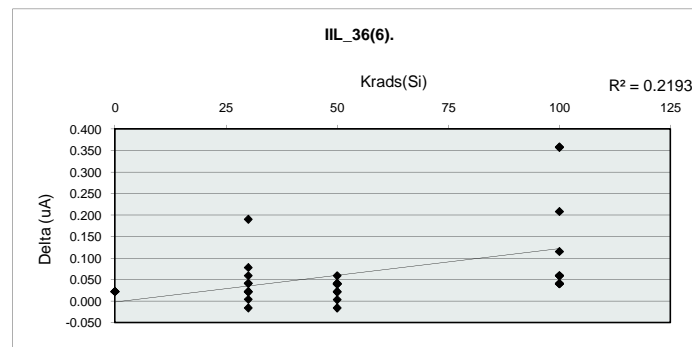
IIL_36(5).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.892	1.743	1.836	1.762
Average	1.923	1.886	1.913	1.861
Max	1.948	2.004	2.004	1.911
UL	5.000	5.000	5.000	5.000



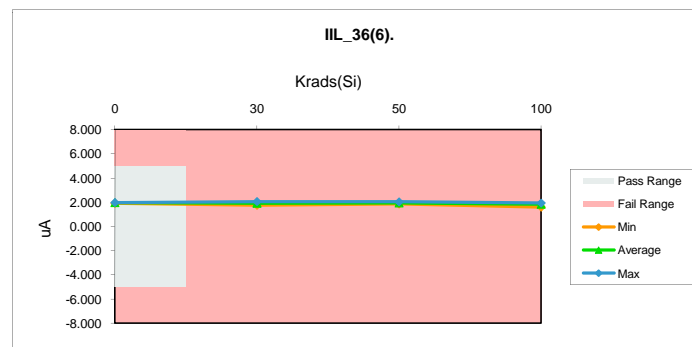
TID HDR Rebound Report
SN55LVCP22-SP

IIL_36(6).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.980	1.958	0.022	1.11%	0.22%
30	34	1.999	1.958	0.041	2.05%	0.41%
30	35	1.943	1.753	0.190	9.78%	1.90%
30	36	1.924	1.903	0.021	1.09%	0.21%
30	37	1.962	1.958	0.004	0.20%	0.04%
30	38	1.980	1.958	0.022	1.11%	0.22%
30	39	1.999	1.958	0.041	2.05%	0.41%
30	40	1.906	1.847	0.059	3.10%	0.59%
30	41	1.887	1.809	0.078	4.13%	0.78%
30	42	2.036	2.052	-0.016	-0.79%	0.16%
50	43	1.924	1.903	0.021	1.09%	0.21%
50	44	1.943	1.921	0.022	1.13%	0.22%
50	45	1.924	1.940	-0.016	-0.83%	0.16%
50	46	1.962	1.921	0.041	2.09%	0.41%
50	47	1.906	1.847	0.059	3.10%	0.59%
50	48	1.980	1.940	0.040	2.02%	0.40%
50	49	1.999	1.996	0.003	0.15%	0.03%
50	50	2.073	2.033	0.040	1.93%	0.40%
50	51	1.980	1.940	0.040	2.02%	0.40%
50	52	1.943	1.903	0.040	2.06%	0.40%
100	53	1.999	1.884	0.115	5.75%	1.15%
100	54	1.999	1.940	0.059	2.95%	0.59%
100	55	1.999	1.642	0.357	17.86%	3.57%
100	56	1.962	1.604	0.358	18.25%	3.58%
100	57	1.906	1.698	0.208	10.91%	2.08%
100	58	1.980	1.940	0.040	2.02%	0.40%
100	59	1.943	1.903	0.040	2.06%	0.40%
100	60	1.906	1.865	0.041	2.15%	0.41%
100	61	1.999	1.940	0.059	2.95%	0.59%
100	62	1.906	1.847	0.059	3.10%	0.59%
0	73	1.943	1.921	0.022	1.13%	0.22%
0	74	1.980	1.958	0.022	1.11%	0.22%
0	75	1.999	1.977	0.022	1.10%	0.22%
Max	2.073	2.052	0.358	18.25%	3.58%	
Average	1.963	1.897	0.065	3.33%	0.67%	
Min	1.887	1.604	-0.016	-0.83%	0.03%	
Std Dev	0.043	0.100	0.089	4.51%	0.87%	



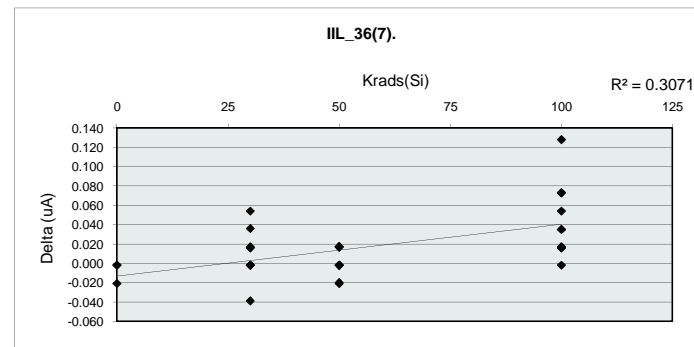
IIL_36(6).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.921	1.753	1.847	1.604
Average	1.952	1.915	1.934	1.826
Max	1.977	2.052	2.033	1.940
UL	5.000	5.000	5.000	5.000



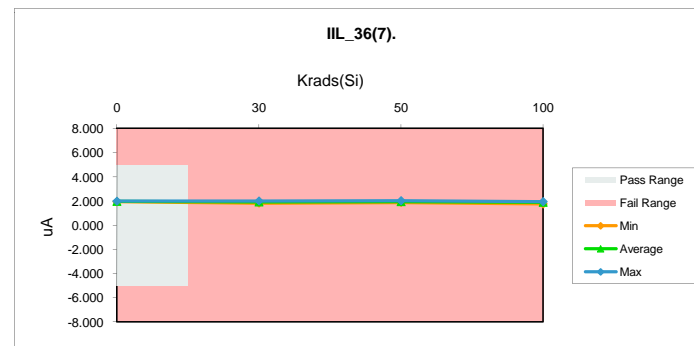
TID HDR Rebound Report SN55LVCP22-SP

IIL_36(7).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.963	1.965	-0.002	-0.10%	0.02%
30	34	1.944	1.946	-0.002	-0.10%	0.02%
30	35	1.926	1.890	0.036	1.87%	0.36%
30	36	1.907	1.909	-0.002	-0.10%	0.02%
30	37	1.944	1.928	0.016	0.82%	0.16%
30	38	1.926	1.928	-0.002	-0.10%	0.02%
30	39	1.944	1.928	0.016	0.82%	0.16%
30	40	1.870	1.853	0.017	0.91%	0.17%
30	41	1.870	1.816	0.054	2.89%	0.54%
30	42	1.963	2.002	-0.039	-1.99%	0.39%
50	43	1.907	1.890	0.017	0.89%	0.17%
50	44	1.926	1.928	-0.002	-0.10%	0.02%
50	45	1.907	1.928	-0.021	-1.10%	0.21%
50	46	1.926	1.928	-0.002	-0.10%	0.02%
50	47	1.870	1.872	-0.002	-0.11%	0.02%
50	48	1.926	1.909	0.017	0.88%	0.17%
50	49	1.982	2.002	-0.020	-1.01%	0.20%
50	50	2.038	2.021	0.017	0.83%	0.17%
50	51	1.926	1.909	0.017	0.88%	0.17%
50	52	1.907	1.909	-0.002	-0.10%	0.02%
100	53	1.982	1.909	0.073	3.68%	0.73%
100	54	1.944	1.909	0.035	1.80%	0.35%
100	55	1.944	1.890	0.054	2.78%	0.54%
100	56	1.926	1.853	0.073	3.79%	0.73%
100	57	1.888	1.760	0.128	6.78%	1.28%
100	58	1.963	1.928	0.035	1.78%	0.35%
100	59	1.907	1.909	-0.002	-0.10%	0.02%
100	60	1.888	1.872	0.016	0.85%	0.16%
100	61	1.963	1.946	0.017	0.87%	0.17%
100	62	1.888	1.872	0.016	0.85%	0.16%
0	73	1.907	1.928	-0.021	-1.10%	0.21%
0	74	1.963	1.965	-0.002	-0.10%	0.02%
0	75	1.982	1.984	-0.002	-0.10%	0.02%
Max		2.038	2.021	0.128	6.78%	1.28%
Average		1.931	1.915	0.016	0.84%	0.24%
Min		1.870	1.760	-0.039	-1.99%	0.02%
Std Dev		0.038	0.053	0.032	1.69%	0.27%



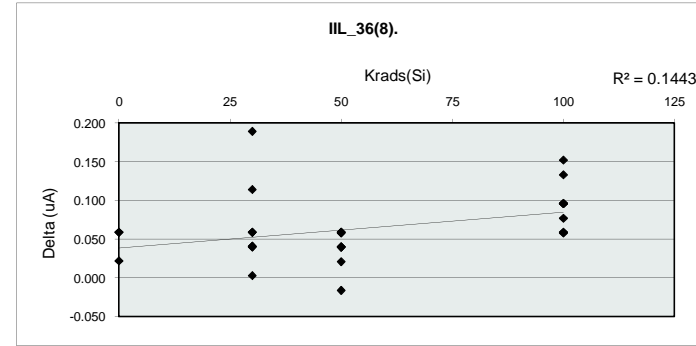
IIL_36(7).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.928	1.816	1.872	1.760
Average	1.959	1.917	1.930	1.885
Max	1.984	2.002	2.021	1.946
UL	5.000	5.000	5.000	5.000



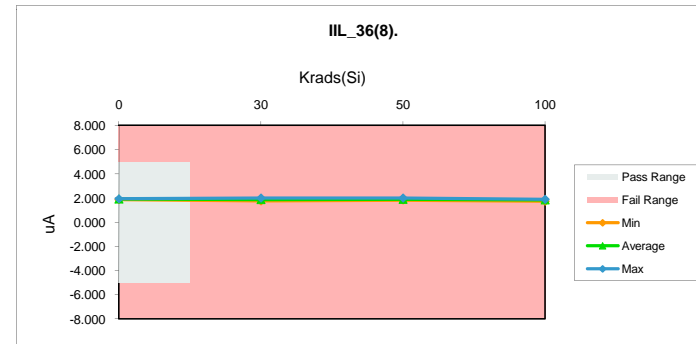
TID HDR Rebound Report
SN55LVCP22-SP

IIL_36(8).		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.950	1.909	0.041	2.10%	0.41%
30	34	1.950	1.909	0.041	2.10%	0.41%
30	35	1.931	1.742	0.189	9.79%	1.89%
30	36	1.894	1.854	0.040	2.11%	0.40%
30	37	1.950	1.891	0.059	3.03%	0.59%
30	38	1.931	1.891	0.040	2.07%	0.40%
30	39	1.950	1.891	0.059	3.03%	0.59%
30	40	1.875	1.816	0.059	3.15%	0.59%
30	41	1.875	1.761	0.114	6.08%	1.14%
30	42	1.987	1.984	0.003	0.15%	0.03%
50	43	1.894	1.854	0.040	2.11%	0.40%
50	44	1.931	1.891	0.040	2.07%	0.40%
50	45	1.875	1.891	-0.016	-0.85%	0.16%
50	46	1.931	1.872	0.059	3.06%	0.59%
50	47	1.856	1.816	0.040	2.16%	0.40%
50	48	1.931	1.872	0.059	3.06%	0.59%
50	49	1.968	1.947	0.021	1.07%	0.21%
50	50	2.024	1.984	0.040	1.98%	0.40%
50	51	1.931	1.872	0.059	3.06%	0.59%
50	52	1.912	1.854	0.058	3.03%	0.58%
100	53	1.968	1.872	0.096	4.88%	0.96%
100	54	1.950	1.891	0.059	3.03%	0.59%
100	55	1.931	1.835	0.096	4.97%	0.96%
100	56	1.931	1.798	0.133	6.89%	1.33%
100	57	1.875	1.723	0.152	8.11%	1.52%
100	58	1.968	1.891	0.077	3.91%	0.77%
100	59	1.912	1.854	0.058	3.03%	0.58%
100	60	1.875	1.816	0.059	3.15%	0.59%
100	61	1.968	1.872	0.096	4.88%	0.96%
100	62	1.894	1.798	0.096	5.07%	0.96%
0	73	1.931	1.872	0.059	3.06%	0.59%
0	74	1.968	1.909	0.059	3.00%	0.59%
0	75	1.950	1.928	0.022	1.13%	0.22%
Max	2.024	1.984	0.189	9.79%	1.89%	
Average	1.929	1.865	0.064	3.32%	0.65%	
Min	1.856	1.723	-0.016	-0.85%	0.03%	
Std Dev	0.038	0.060	0.041	2.14%	0.39%	



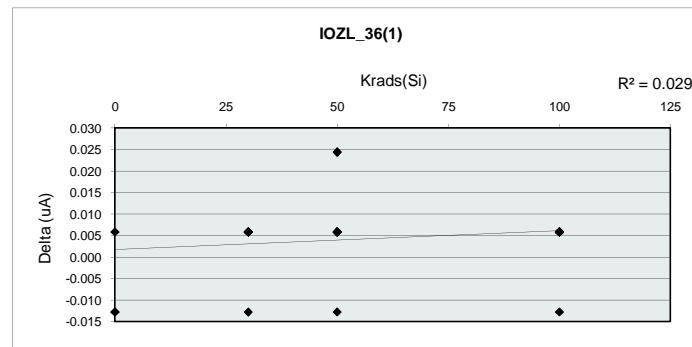
IIL_36(8).				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.872	1.742	1.816	1.723
Average	1.903	1.865	1.885	1.835
Max	1.928	1.984	1.984	1.891
UL	5.000	5.000	5.000	5.000



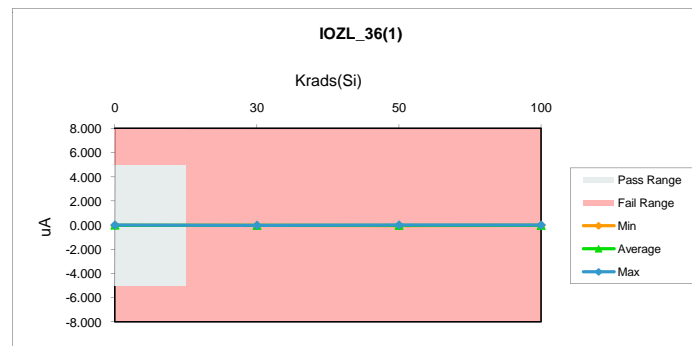
TID HDR Rebound Report SN55LVCP22-SP

IOZL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.017	-0.023	0.006	-34.15%	0.06%
30	34	-0.017	-0.023	0.006	-34.15%	0.06%
30	35	-0.017	-0.023	0.006	-34.15%	0.06%
30	36	-0.036	-0.023	-0.013	35.80%	0.13%
30	37	-0.017	-0.023	0.006	-34.15%	0.06%
30	38	-0.017	-0.023	0.006	-34.15%	0.06%
30	39	-0.017	-0.023	0.006	-34.15%	0.06%
30	40	-0.017	-0.023	0.006	-34.15%	0.06%
30	41	-0.017	-0.023	0.006	-34.15%	0.06%
30	42	-0.017	-0.023	0.006	-34.15%	0.06%
50	43	-0.017	-0.004	-0.013	74.72%	0.13%
50	44	-0.017	-0.023	0.006	-34.15%	0.06%
50	45	-0.017	-0.023	0.006	-34.15%	0.06%
50	46	-0.017	-0.023	0.006	-34.15%	0.06%
50	47	-0.017	-0.023	0.006	-34.15%	0.06%
50	48	-0.017	-0.023	0.006	-34.15%	0.06%
50	49	-0.017	-0.023	0.006	-34.15%	0.06%
50	50	-0.017	-0.023	0.006	-34.15%	0.06%
50	51	-0.017	-0.042	0.024	-143.02%	0.24%
50	52	-0.017	-0.042	0.024	-143.02%	0.24%
100	53	-0.017	-0.023	0.006	-34.15%	0.06%
100	54	-0.017	-0.004	-0.013	74.72%	0.13%
100	55	-0.017	-0.023	0.006	-34.15%	0.06%
100	56	-0.017	-0.023	0.006	-34.15%	0.06%
100	57	-0.017	-0.023	0.006	-34.15%	0.06%
100	58	-0.017	-0.023	0.006	-34.15%	0.06%
100	59	-0.017	-0.023	0.006	-34.15%	0.06%
100	60	-0.017	-0.023	0.006	-34.15%	0.06%
100	61	-0.017	-0.023	0.006	-34.15%	0.06%
100	62	-0.017	-0.023	0.006	-34.15%	0.06%
0	73	-0.017	-0.023	0.006	-34.15%	0.06%
0	74	-0.017	-0.004	-0.013	74.72%	0.13%
0	75	-0.017	-0.004	-0.013	74.72%	0.13%
	Max	-0.017	-0.004	0.024	74.72%	0.24%
	Average	-0.018	-0.022	0.004	-25.43%	0.08%
	Min	-0.036	-0.042	-0.013	-143.02%	0.06%
	Std Dev	0.003	0.008	0.009	47.92%	0.05%



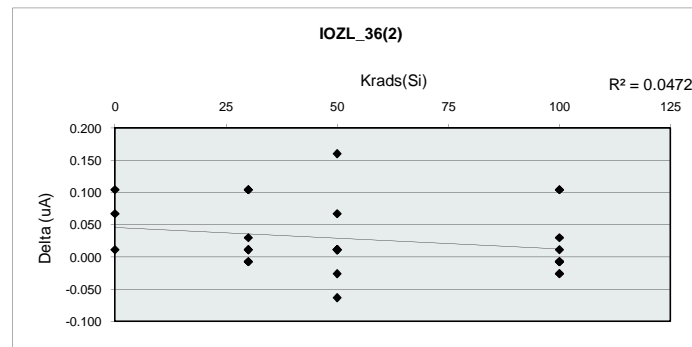
IOZL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.023	-0.023	-0.042	-0.023
Average	-0.011	-0.023	-0.025	-0.021
Max	-0.004	-0.023	-0.004	-0.004
UL	5.000	5.000	5.000	5.000



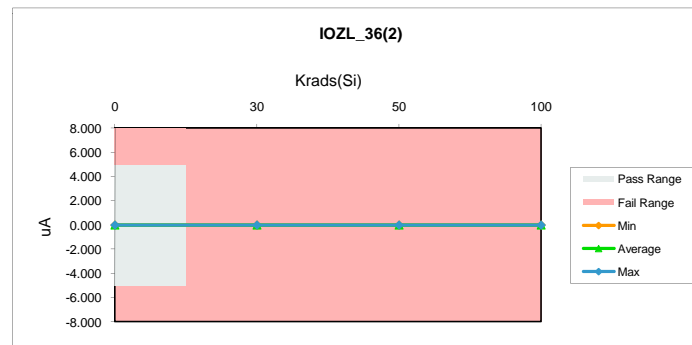
TID HDR Rebound Report SN55LVCP22-SP

IOZL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.019	-0.030	0.011	-57.98%	0.11%
30	34	-0.019	-0.030	0.011	-57.98%	0.11%
30	35	-0.038	-0.030	-0.008	20.20%	0.08%
30	36	0.074	-0.030	0.104	140.52%	1.04%
30	37	0.074	-0.030	0.104	140.52%	1.04%
30	38	0.000	-0.030	0.030	-7689.90%	0.30%
30	39	0.093	-0.011	0.104	112.36%	1.04%
30	40	-0.019	-0.011	-0.008	39.70%	0.08%
30	41	-0.038	-0.030	-0.008	20.20%	0.08%
30	42	-0.019	-0.030	0.011	-57.98%	0.11%
50	43	-0.019	-0.030	0.011	-57.98%	0.11%
50	44	0.000	-0.011	0.011	-2873.30%	0.11%
50	45	-0.019	-0.030	0.011	-57.98%	0.11%
50	46	-0.019	-0.030	0.011	-57.98%	0.11%
50	47	-0.056	-0.030	-0.026	46.62%	0.26%
50	48	-0.019	-0.030	0.011	-57.98%	0.11%
50	49	0.149	-0.011	0.160	107.71%	1.60%
50	50	-0.019	-0.030	0.011	-57.98%	0.11%
50	51	0.037	-0.030	0.067	181.47%	0.67%
50	52	-0.094	-0.030	-0.063	67.88%	0.63%
100	53	-0.019	-0.011	-0.008	39.70%	0.08%
100	54	-0.056	-0.030	-0.026	46.62%	0.26%
100	55	-0.019	-0.030	0.011	-57.98%	0.11%
100	56	-0.019	-0.011	-0.008	39.70%	0.08%
100	57	0.074	-0.030	0.104	140.52%	1.04%
100	58	-0.038	-0.030	-0.008	20.20%	0.08%
100	59	0.000	-0.030	0.030	-7689.90%	0.30%
100	60	-0.038	-0.030	-0.008	20.20%	0.08%
100	61	-0.038	-0.011	-0.026	69.54%	0.26%
100	62	0.074	-0.030	0.104	140.52%	1.04%
0	73	0.093	-0.011	0.104	112.36%	1.04%
0	74	-0.019	-0.030	0.011	-57.98%	0.11%
0	75	0.037	-0.030	0.067	181.47%	0.67%
Max		0.149	-0.011	0.160	181.47%	1.60%
Average		0.002	-0.026	0.027	-519.54%	0.39%
Min		-0.094	-0.030	-0.063	-7689.90%	0.08%
Std Dev		0.053	0.008	0.051	1919.09%	0.43%



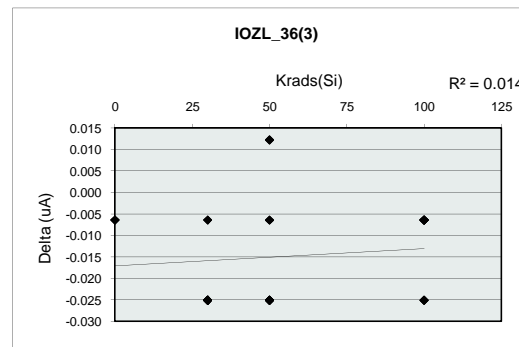
IOZL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.030	-0.030	-0.030	-0.030
Average	-0.024	-0.026	-0.026	-0.024
Max	-0.011	-0.011	-0.011	-0.011
UL	5.000	5.000	5.000	5.000



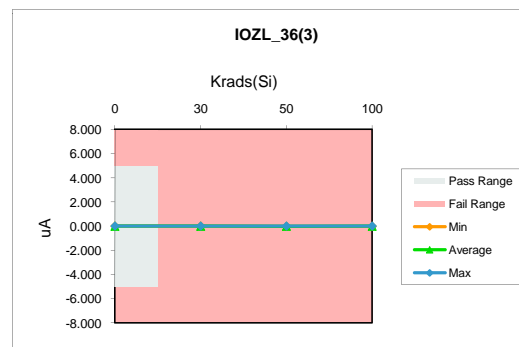
TID HDR Rebound Report SN55LVCP22-SP

IOZL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.025	0.000	-0.025	100.11%	0.25%
30	34	-0.025	0.000	-0.025	100.11%	0.25%
30	35	-0.025	0.000	-0.025	100.11%	0.25%
30	36	-0.006	0.000	-0.006	100.41%	0.06%
30	37	-0.025	0.000	-0.025	100.11%	0.25%
30	38	-0.025	0.000	-0.025	100.11%	0.25%
30	39	-0.006	0.000	-0.006	100.41%	0.06%
30	40	-0.025	0.000	-0.025	100.11%	0.25%
30	41	-0.025	0.000	-0.025	100.11%	0.25%
30	42	-0.025	0.000	-0.025	100.11%	0.25%
50	43	-0.006	-0.019	0.012	-190.44%	0.12%
50	44	-0.025	0.000	-0.025	100.11%	0.25%
50	45	-0.025	0.000	-0.025	100.11%	0.25%
50	46	-0.025	0.000	-0.025	100.11%	0.25%
50	47	-0.006	0.000	-0.006	100.41%	0.06%
50	48	-0.006	-0.019	0.012	-190.44%	0.12%
50	49	-0.025	0.000	-0.025	100.11%	0.25%
50	50	-0.025	0.000	-0.025	100.11%	0.25%
50	51	-0.025	-0.019	-0.006	25.81%	0.06%
50	52	-0.025	0.000	-0.025	100.11%	0.25%
100	53	-0.006	0.000	-0.006	100.41%	0.06%
100	54	-0.025	0.000	-0.025	100.11%	0.25%
100	55	-0.025	-0.019	-0.006	25.81%	0.06%
100	56	-0.025	0.000	-0.025	100.11%	0.25%
100	57	-0.006	0.000	-0.006	100.41%	0.06%
100	58	-0.006	0.000	-0.006	100.41%	0.06%
100	59	-0.006	0.000	-0.006	100.41%	0.06%
100	60	-0.006	0.000	-0.006	100.41%	0.06%
100	61	-0.006	0.000	-0.006	100.41%	0.06%
100	62	-0.025	0.000	-0.025	100.11%	0.25%
0	73	-0.006	0.000	-0.006	100.41%	0.06%
0	74	-0.006	0.000	-0.006	100.41%	0.06%
0	75	-0.006	0.000	-0.006	100.41%	0.06%
	Max	-0.006	0.000	0.012	100.41%	0.25%
	Average	-0.017	-0.002	-0.015	78.11%	0.16%
	Min	-0.025	-0.019	-0.025	-190.44%	0.06%
	Std Dev	0.009	0.006	0.012	71.57%	0.09%



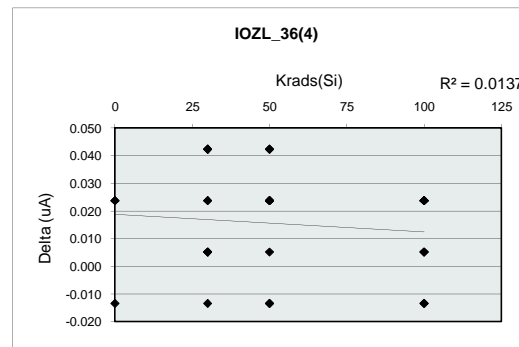
IOZL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	0.000	0.000	-0.019	-0.019
Average	0.000	0.000	-0.006	-0.002
Max	0.000	0.000	0.000	0.000
UL	5.000	5.000	5.000	5.000



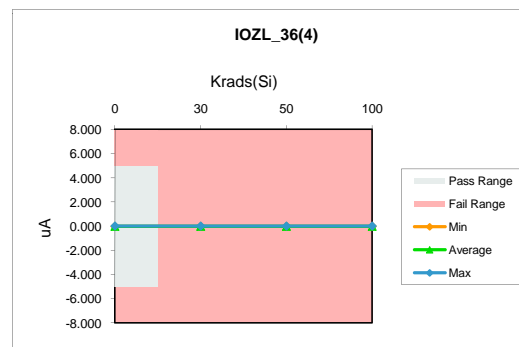
TID HDR Rebound Report
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IOZL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.020	-0.022	0.042	210.63%	0.42%
30	34	0.002	-0.004	0.005	342.99%	0.05%
30	35	0.020	-0.004	0.024	118.17%	0.24%
30	36	-0.017	-0.004	-0.013	78.63%	0.13%
30	37	0.020	-0.022	0.042	210.63%	0.42%
30	38	-0.017	-0.022	0.005	-30.08%	0.05%
30	39	0.002	-0.004	0.005	342.99%	0.05%
30	40	-0.017	-0.022	0.005	-30.08%	0.05%
30	41	0.020	-0.022	0.042	210.63%	0.42%
30	42	0.002	-0.022	0.024	1579.34%	0.24%
50	43	-0.017	-0.004	-0.013	78.63%	0.13%
50	44	0.002	-0.022	0.024	1579.34%	0.24%
50	45	0.002	-0.022	0.024	1579.34%	0.24%
50	46	0.020	-0.022	0.042	210.63%	0.42%
50	47	0.002	-0.022	0.024	1579.34%	0.24%
50	48	0.002	-0.022	0.024	1579.34%	0.24%
50	49	0.002	-0.022	0.024	1579.34%	0.24%
50	50	-0.017	-0.022	0.005	-30.08%	0.05%
50	51	-0.017	-0.004	-0.013	78.63%	0.13%
50	52	0.020	-0.022	0.042	210.63%	0.42%
100	53	-0.017	-0.022	0.005	-30.08%	0.05%
100	54	0.002	-0.022	0.024	1579.34%	0.24%
100	55	-0.017	-0.004	-0.013	78.63%	0.13%
100	56	0.002	-0.022	0.024	1579.34%	0.24%
100	57	-0.017	-0.004	-0.013	78.63%	0.13%
100	58	0.002	-0.022	0.024	1579.34%	0.24%
100	59	0.002	-0.004	0.005	342.99%	0.05%
100	60	0.002	-0.022	0.024	1579.34%	0.24%
100	61	-0.017	-0.022	0.005	-30.08%	0.05%
100	62	0.002	-0.022	0.024	1579.34%	0.24%
0	73	0.002	-0.022	0.024	1579.34%	0.24%
0	74	-0.017	-0.004	-0.013	78.63%	0.13%
0	75	0.002	-0.022	0.024	1579.34%	0.24%
Max		0.020	-0.004	0.042	1579.34%	0.42%
Average		-0.001	-0.017	0.015	698.58%	0.20%
Min		-0.017	-0.022	-0.013	-30.08%	0.05%
Std Dev		0.013	0.009	0.018	727.84%	0.12%



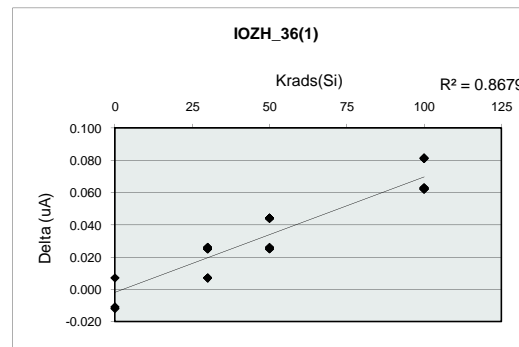
IOZL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-0.022	-0.022	-0.022	-0.022
Average	-0.016	-0.015	-0.019	-0.017
Max	-0.004	-0.004	-0.004	-0.004
UL	5.000	5.000	5.000	5.000



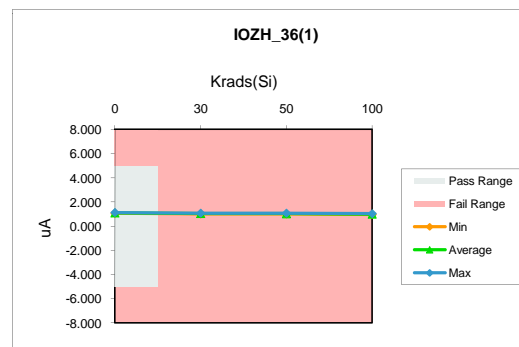
TID HDR Rebound Report SN55LVCP22-SP

IOZH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.063	1.037	0.026	2.45%	0.26%
30	34	1.063	1.056	0.007	0.66%	0.07%
30	35	1.025	1.000	0.025	2.44%	0.25%
30	36	1.063	1.056	0.007	0.66%	0.07%
30	37	1.100	1.075	0.025	2.27%	0.25%
30	38	1.063	1.056	0.007	0.66%	0.07%
30	39	1.044	1.037	0.007	0.67%	0.07%
30	40	1.081	1.056	0.025	2.31%	0.25%
30	41	1.025	1.000	0.025	2.44%	0.25%
30	42	1.063	1.037	0.026	2.45%	0.26%
50	43	1.081	1.056	0.025	2.31%	0.25%
50	44	1.081	1.037	0.044	4.07%	0.44%
50	45	1.119	1.075	0.044	3.93%	0.44%
50	46	1.044	1.000	0.044	4.21%	0.44%
50	47	1.063	1.037	0.026	2.45%	0.26%
50	48	1.063	1.019	0.044	4.14%	0.44%
50	49	1.100	1.056	0.044	4.00%	0.44%
50	50	1.063	1.019	0.044	4.14%	0.44%
50	51	1.025	1.000	0.025	2.44%	0.25%
50	52	1.100	1.056	0.044	4.00%	0.44%
100	53	1.025	0.963	0.062	6.06%	0.62%
100	54	1.063	0.982	0.081	7.66%	0.81%
100	55	1.100	1.037	0.063	5.73%	0.63%
100	56	1.100	1.037	0.063	5.73%	0.63%
100	57	1.044	0.982	0.062	5.98%	0.62%
100	58	1.044	0.982	0.062	5.98%	0.62%
100	59	1.081	1.000	0.081	7.49%	0.81%
100	60	1.025	0.963	0.062	6.06%	0.62%
100	61	1.081	1.019	0.062	5.74%	0.62%
100	62	1.100	1.019	0.081	7.36%	0.81%
0	73	1.081	1.093	-0.012	-1.11%	0.12%
0	74	1.119	1.130	-0.011	-0.98%	0.11%
0	75	1.063	1.056	0.007	0.66%	0.07%
	Max	1.119	1.130	0.081	7.66%	0.81%
	Average	1.068	1.031	0.037	3.49%	0.39%
	Min	1.025	0.963	-0.012	-1.11%	0.07%
	Std Dev	0.027	0.037	0.026	2.40%	0.23%



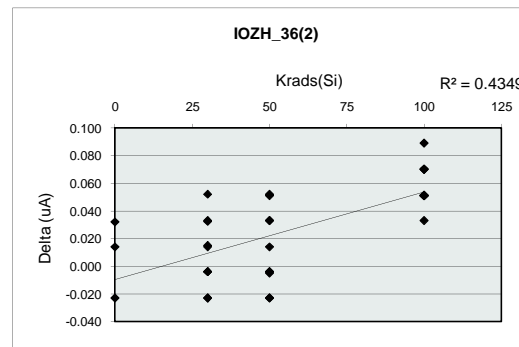
IOZH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.056	1.000	1.000	0.963
Average	1.093	1.041	1.036	0.998
Max	1.130	1.075	1.075	1.037
UL	5.000	5.000	5.000	5.000



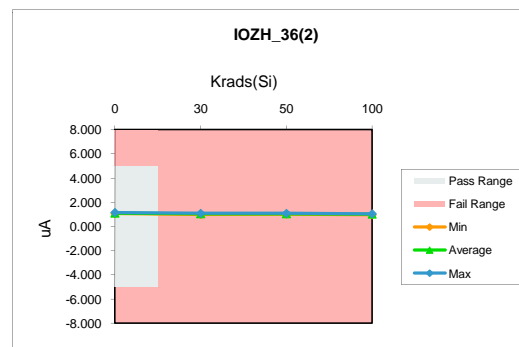
TID HDR Rebound Report SN55LVCP22-SP

IOZH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.043	1.047	-0.004	-0.38%	0.04%
30	34	1.062	1.047	0.015	1.41%	0.15%
30	35	1.006	1.010	-0.004	-0.40%	0.04%
30	36	1.080	1.047	0.033	3.06%	0.33%
30	37	1.099	1.085	0.014	1.27%	0.14%
30	38	1.099	1.047	0.052	4.73%	0.52%
30	39	1.024	1.047	-0.023	-2.25%	0.23%
30	40	1.043	1.066	-0.023	-2.21%	0.23%
30	41	1.024	0.992	0.032	3.16%	0.32%
30	42	1.043	1.047	-0.004	-0.38%	0.04%
50	43	1.043	1.047	-0.004	-0.38%	0.04%
50	44	1.099	1.047	0.052	4.73%	0.52%
50	45	1.062	1.085	-0.023	-2.17%	0.23%
50	46	0.987	1.010	-0.023	-2.32%	0.23%
50	47	1.043	1.029	0.014	1.34%	0.14%
50	48	1.024	1.029	-0.005	-0.49%	0.05%
50	49	1.099	1.066	0.033	3.00%	0.33%
50	50	1.080	1.029	0.051	4.72%	0.51%
50	51	1.043	1.010	0.033	3.16%	0.33%
50	52	1.062	1.066	-0.004	-0.38%	0.04%
100	53	1.024	0.973	0.051	4.98%	0.51%
100	54	1.043	0.992	0.051	4.93%	0.51%
100	55	1.117	1.047	0.070	6.27%	0.70%
100	56	1.062	1.029	0.033	3.11%	0.33%
100	57	1.062	0.992	0.070	6.63%	0.70%
100	58	1.043	0.992	0.051	4.93%	0.51%
100	59	1.080	1.010	0.070	6.48%	0.70%
100	60	1.024	0.973	0.051	4.98%	0.51%
100	61	1.099	1.010	0.089	8.10%	0.89%
100	62	1.080	1.029	0.051	4.72%	0.51%
0	73	1.117	1.085	0.032	2.86%	0.32%
0	74	1.117	1.140	-0.023	-2.06%	0.23%
0	75	1.080	1.066	0.014	1.30%	0.14%
	Max	1.117	1.140	0.089	8.10%	0.89%
	Average	1.061	1.036	0.025	2.32%	0.33%
	Min	0.987	0.973	-0.023	-2.32%	0.04%
	Std Dev	0.034	0.036	0.032	3.01%	0.23%



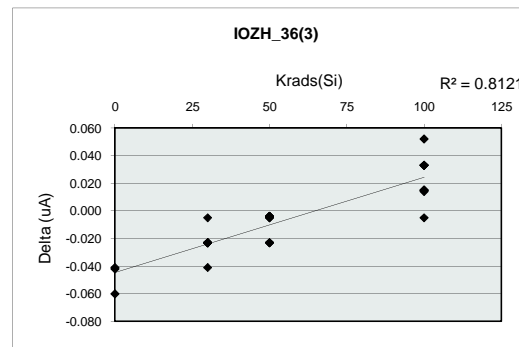
IOZH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 uA			
Min Limit	-5 uA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.066	0.992	1.010	0.973
Average	1.097	1.043	1.042	1.005
Max	1.140	1.085	1.085	1.047
UL	5.000	5.000	5.000	5.000



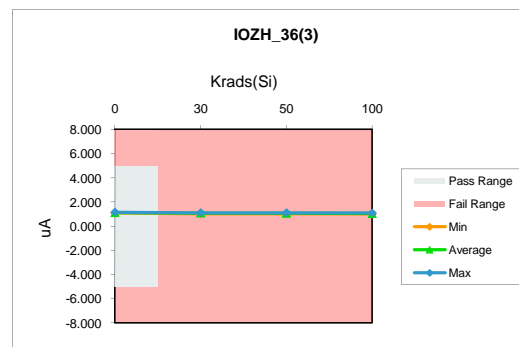
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IOZH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.038	1.061	-0.023	-2.22%	0.23%
30	34	1.057	1.080	-0.023	-2.18%	0.23%
30	35	1.020	1.061	-0.041	-4.02%	0.41%
30	36	1.075	1.098	-0.023	-2.14%	0.23%
30	37	1.075	1.098	-0.023	-2.14%	0.23%
30	38	1.075	1.098	-0.023	-2.14%	0.23%
30	39	1.038	1.061	-0.023	-2.22%	0.23%
30	40	1.075	1.080	-0.005	-0.47%	0.05%
30	41	1.001	1.024	-0.023	-2.30%	0.23%
30	42	1.057	1.080	-0.023	-2.18%	0.23%
50	43	1.075	1.080	-0.005	-0.47%	0.05%
50	44	1.075	1.080	-0.005	-0.47%	0.05%
50	45	1.094	1.098	-0.004	-0.37%	0.04%
50	46	1.001	1.005	-0.004	-0.40%	0.04%
50	47	1.038	1.061	-0.023	-2.22%	0.23%
50	48	1.057	1.061	-0.004	-0.38%	0.04%
50	49	1.094	1.098	-0.004	-0.37%	0.04%
50	50	1.057	1.080	-0.023	-2.18%	0.23%
50	51	1.038	1.042	-0.004	-0.39%	0.04%
50	52	1.057	1.080	-0.023	-2.18%	0.23%
100	53	1.038	1.024	0.014	1.35%	0.14%
100	54	1.020	1.005	0.015	1.47%	0.15%
100	55	1.075	1.080	-0.005	-0.47%	0.05%
100	56	1.094	1.042	0.052	4.75%	0.52%
100	57	1.020	1.005	0.015	1.47%	0.15%
100	58	1.057	1.042	0.015	1.42%	0.15%
100	59	1.075	1.042	0.033	3.07%	0.33%
100	60	1.038	1.005	0.033	3.18%	0.33%
100	61	1.075	1.042	0.033	3.07%	0.33%
100	62	1.075	1.042	0.033	3.07%	0.33%
0	73	1.057	1.117	-0.060	-5.68%	0.60%
0	74	1.094	1.135	-0.041	-3.75%	0.41%
0	75	1.038	1.080	-0.042	-4.05%	0.42%
	Max	1.094	1.135	0.052	4.75%	0.60%
	Average	1.056	1.063	-0.007	-0.68%	0.22%
	Min	1.001	1.005	-0.060	-5.68%	0.04%
	Std Dev	0.026	0.034	0.026	2.42%	0.15%



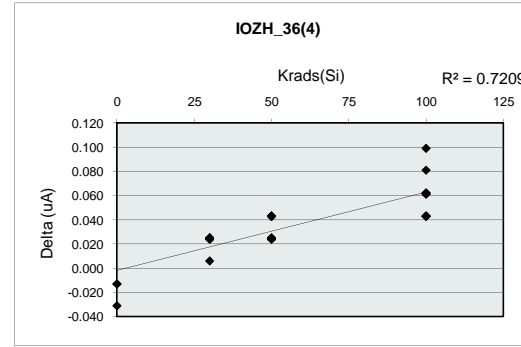
IOZH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.080	1.024	1.005	1.005
Average	1.111	1.074	1.069	1.033
Max	1.135	1.098	1.098	1.080
UL	5.000	5.000	5.000	5.000



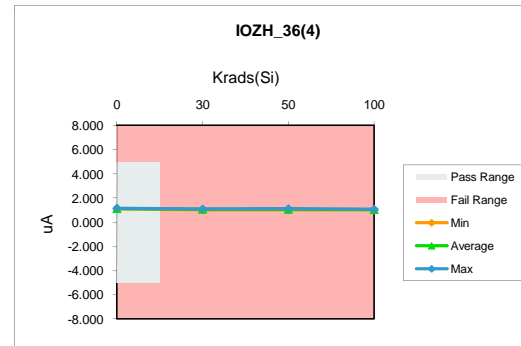
TID HDR Rebound Report
SN55LVCP22-SP

IOZH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	1.081	1.057	0.024	2.22%	0.24%
30	34	1.100	1.076	0.024	2.18%	0.24%
30	35	1.063	1.038	0.025	2.35%	0.25%
30	36	1.100	1.094	0.006	0.55%	0.06%
30	37	1.119	1.094	0.025	2.23%	0.25%
30	38	1.119	1.094	0.025	2.23%	0.25%
30	39	1.081	1.057	0.024	2.22%	0.24%
30	40	1.119	1.094	0.025	2.23%	0.25%
30	41	1.044	1.020	0.024	2.30%	0.24%
30	42	1.100	1.076	0.024	2.18%	0.24%
50	43	1.119	1.076	0.043	3.84%	0.43%
50	44	1.100	1.076	0.024	2.18%	0.24%
50	45	1.137	1.113	0.024	2.11%	0.24%
50	46	1.044	1.001	0.043	4.12%	0.43%
50	47	1.100	1.076	0.024	2.18%	0.24%
50	48	1.100	1.057	0.043	3.91%	0.43%
50	49	1.119	1.094	0.025	2.23%	0.25%
50	50	1.100	1.057	0.043	3.91%	0.43%
50	51	1.063	1.038	0.025	2.35%	0.25%
50	52	1.100	1.057	0.043	3.91%	0.43%
100	53	1.063	1.020	0.043	4.05%	0.43%
100	54	1.063	1.020	0.043	4.05%	0.43%
100	55	1.119	1.057	0.062	5.54%	0.62%
100	56	1.137	1.038	0.099	8.71%	0.99%
100	57	1.063	1.001	0.062	5.83%	0.62%
100	58	1.081	1.020	0.061	5.64%	0.61%
100	59	1.119	1.038	0.081	7.24%	0.81%
100	60	1.063	1.001	0.062	5.83%	0.62%
100	61	1.100	1.057	0.043	3.91%	0.43%
100	62	1.100	1.057	0.043	3.91%	0.43%
0	73	1.100	1.113	-0.013	-1.18%	0.13%
0	74	1.119	1.150	-0.031	-2.77%	0.31%
0	75	1.081	1.094	-0.013	-1.20%	0.13%
	Max	1.137	1.150	0.099	8.71%	0.99%
	Average	1.094	1.061	0.033	3.06%	0.37%
	Min	1.044	1.001	-0.031	-2.77%	0.06%
	Std Dev	0.025	0.036	0.026	2.31%	0.20%



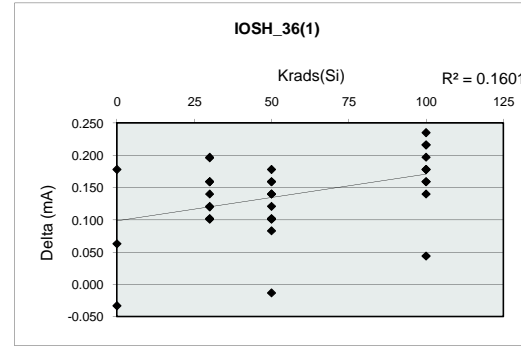
IOZH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	uA		
Min Limit	-5	uA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	1.094	1.020	1.001	1.001
Average	1.119	1.070	1.065	1.031
Max	1.150	1.094	1.113	1.057
UL	5.000	5.000	5.000	5.000



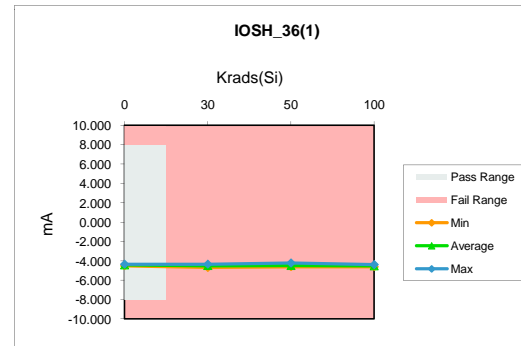
TID HDR Rebound Report
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IOSH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-4.218	-4.338	0.120	-2.84%	0.75%
30	34	-4.294	-4.491	0.197	-4.59%	1.23%
30	35	-4.389	-4.548	0.159	-3.62%	0.99%
30	36	-4.351	-4.510	0.159	-3.65%	0.99%
30	37	-4.332	-4.433	0.101	-2.33%	0.63%
30	38	-4.427	-4.529	0.102	-2.30%	0.64%
30	39	-4.446	-4.567	0.121	-2.72%	0.76%
30	40	-4.408	-4.548	0.140	-3.18%	0.87%
30	41	-4.313	-4.472	0.159	-3.69%	0.99%
30	42	-4.485	-4.681	0.196	-4.37%	1.23%
50	43	-4.427	-4.548	0.121	-2.73%	0.76%
50	44	-4.237	-4.224	-0.013	0.31%	0.08%
50	45	-4.504	-4.605	0.101	-2.24%	0.63%
50	46	-4.275	-4.453	0.178	-4.16%	1.11%
50	47	-4.351	-4.510	0.159	-3.65%	0.99%
50	48	-4.408	-4.510	0.102	-2.31%	0.64%
50	49	-4.370	-4.510	0.140	-3.20%	0.88%
50	50	-4.370	-4.510	0.140	-3.20%	0.88%
50	51	-4.370	-4.453	0.083	-1.90%	0.52%
50	52	-4.389	-4.548	0.159	-3.62%	0.99%
100	53	-4.370	-4.567	0.197	-4.51%	1.23%
100	54	-4.256	-4.472	0.216	-5.08%	1.35%
100	55	-4.446	-4.586	0.140	-3.15%	0.87%
100	56	-4.351	-4.529	0.178	-4.09%	1.11%
100	57	-4.237	-4.472	0.235	-5.55%	1.47%
100	58	-4.332	-4.510	0.178	-4.11%	1.11%
100	59	-4.427	-4.586	0.159	-3.59%	0.99%
100	60	-4.332	-4.376	0.044	-1.02%	0.28%
100	61	-4.446	-4.605	0.159	-3.58%	0.99%
100	62	-4.370	-4.586	0.216	-4.94%	1.35%
0	73	-4.275	-4.338	0.063	-1.47%	0.39%
0	74	-4.466	-4.433	-0.033	0.74%	0.21%
0	75	-4.332	-4.510	0.178	-4.11%	1.11%
	Max	-4.218	-4.224	0.235	0.74%	1.47%
	Average	-4.364	-4.502	0.138	-3.17%	0.88%
	Min	-4.504	-4.681	-0.033	-5.55%	0.08%
	Std Dev	0.074	0.090	0.061	1.40%	0.33%



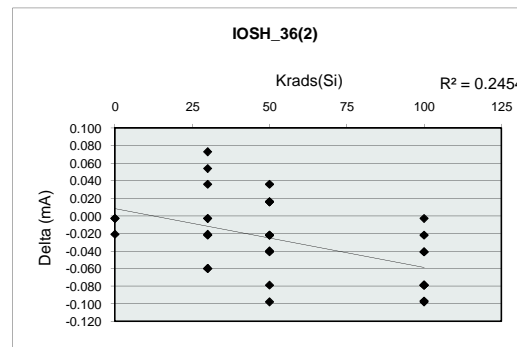
IOSH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.510	-4.681	-4.605	-4.605
Average	-4.427	-4.512	-4.487	-4.529
Max	-4.338	-4.338	-4.224	-4.376
UL	8.000	8.000	8.000	8.000



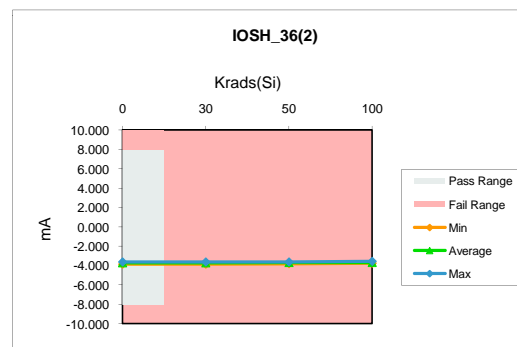
TID HDR Rebound Report
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IOSH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.577	-3.613	0.036	-1.01%	0.23%
30	34	-3.749	-3.689	-0.060	1.60%	0.38%
30	35	-3.730	-3.670	-0.060	1.61%	0.37%
30	36	-3.692	-3.746	0.054	-1.46%	0.34%
30	37	-3.787	-3.765	-0.022	0.58%	0.14%
30	38	-3.844	-3.841	-0.003	0.08%	0.02%
30	39	-3.806	-3.746	-0.060	1.58%	0.37%
30	40	-3.749	-3.746	-0.003	0.08%	0.02%
30	41	-3.634	-3.613	-0.021	0.58%	0.13%
30	42	-3.787	-3.860	0.073	-1.93%	0.46%
50	43	-3.806	-3.708	-0.098	2.57%	0.61%
50	44	-3.653	-3.689	0.036	-0.99%	0.22%
50	45	-3.863	-3.822	-0.041	1.06%	0.26%
50	46	-3.653	-3.613	-0.040	1.09%	0.25%
50	47	-3.749	-3.727	-0.022	0.59%	0.14%
50	48	-3.692	-3.708	0.016	-0.43%	0.10%
50	49	-3.768	-3.689	-0.079	2.10%	0.49%
50	50	-3.673	-3.689	0.016	-0.44%	0.10%
50	51	-3.673	-3.651	-0.022	0.60%	0.14%
50	52	-3.768	-3.784	0.016	-0.42%	0.10%
100	53	-3.692	-3.651	-0.041	1.11%	0.26%
100	54	-3.653	-3.556	-0.097	2.66%	0.61%
100	55	-3.825	-3.746	-0.079	2.07%	0.49%
100	56	-3.768	-3.727	-0.041	1.09%	0.26%
100	57	-3.673	-3.594	-0.079	2.15%	0.49%
100	58	-3.673	-3.670	-0.003	0.08%	0.02%
100	59	-3.787	-3.765	-0.022	0.58%	0.14%
100	60	-3.711	-3.632	-0.079	2.13%	0.49%
100	61	-3.825	-3.746	-0.079	2.07%	0.49%
100	62	-3.806	-3.708	-0.098	2.57%	0.61%
0	73	-3.634	-3.613	-0.021	0.58%	0.13%
0	74	-3.863	-3.860	-0.003	0.08%	0.02%
0	75	-3.673	-3.670	-0.003	0.08%	0.02%
Max		-3.577	-3.556	0.073	2.66%	0.61%
Average		-3.734	-3.706	-0.028	0.75%	0.27%
Min		-3.863	-3.860	-0.098	-1.93%	0.02%
Std Dev		0.075	0.076	0.045	1.21%	0.19%



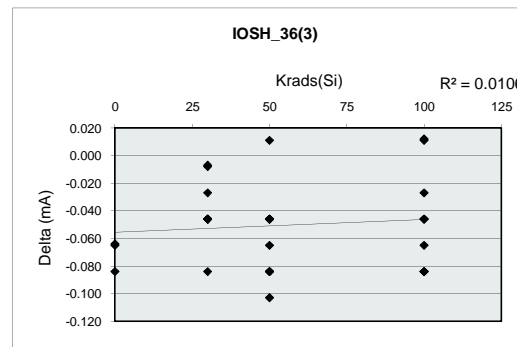
IOSH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-3.860	-3.860	-3.822	-3.765
Average	-3.714	-3.729	-3.708	-3.680
Max	-3.613	-3.613	-3.613	-3.556
UL	8.000	8.000	8.000	8.000



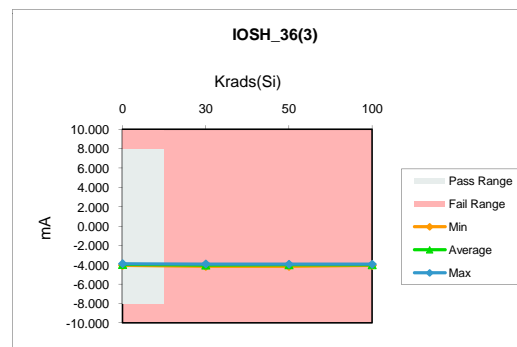
TID HDR Rebound Report
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IOSH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.919	-3.912	-0.007	0.18%	0.04%
30	34	-4.072	-4.045	-0.027	0.66%	0.17%
30	35	-4.053	-4.007	-0.046	1.13%	0.29%
30	36	-4.072	-4.026	-0.046	1.13%	0.29%
30	37	-4.072	-4.064	-0.008	0.20%	0.05%
30	38	-4.148	-4.102	-0.046	1.11%	0.29%
30	39	-4.110	-4.026	-0.084	2.04%	0.53%
30	40	-4.015	-3.969	-0.046	1.15%	0.29%
30	41	-3.996	-3.950	-0.046	1.15%	0.29%
30	42	-4.186	-4.140	-0.046	1.10%	0.29%
50	43	-4.091	-4.007	-0.084	2.05%	0.53%
50	44	-3.977	-3.931	-0.046	1.16%	0.29%
50	45	-4.129	-4.140	0.011	-0.27%	0.07%
50	46	-3.977	-3.931	-0.046	1.16%	0.29%
50	47	-4.034	-3.950	-0.084	2.08%	0.52%
50	48	-4.072	-3.969	-0.103	2.53%	0.64%
50	49	-4.091	-4.007	-0.084	2.05%	0.53%
50	50	-4.091	-4.026	-0.065	1.59%	0.41%
50	51	-4.034	-3.988	-0.046	1.14%	0.29%
50	52	-4.091	-4.045	-0.046	1.12%	0.29%
100	53	-4.034	-3.988	-0.046	1.14%	0.29%
100	54	-3.938	-3.950	0.012	-0.30%	0.08%
100	55	-4.072	-4.007	-0.065	1.60%	0.41%
100	56	-4.034	-4.045	0.011	-0.27%	0.07%
100	57	-3.977	-3.950	-0.027	0.68%	0.17%
100	58	-4.015	-3.931	-0.084	2.09%	0.52%
100	59	-4.110	-4.026	-0.084	2.04%	0.53%
100	60	-4.015	-3.969	-0.046	1.15%	0.29%
100	61	-4.072	-4.026	-0.046	1.13%	0.29%
100	62	-4.034	-3.950	-0.084	2.08%	0.52%
0	73	-3.957	-3.893	-0.064	1.62%	0.40%
0	74	-4.110	-4.045	-0.065	1.58%	0.41%
0	75	-3.996	-3.912	-0.084	2.10%	0.53%
	Max	-3.919	-3.893	0.012	2.53%	0.64%
	Average	-4.048	-3.998	-0.051	1.25%	0.33%
	Min	-4.186	-4.140	-0.103	-0.30%	0.04%
	Std Dev	0.061	0.062	0.030	0.74%	0.16%



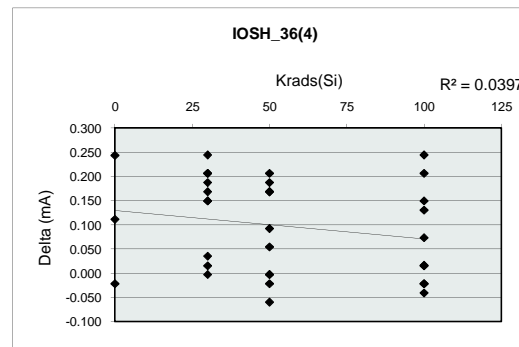
IOSH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.045	-4.140	-4.140	-4.045
Average	-3.950	-4.024	-3.999	-3.984
Max	-3.893	-3.912	-3.931	-3.931
UL	8.000	8.000	8.000	8.000



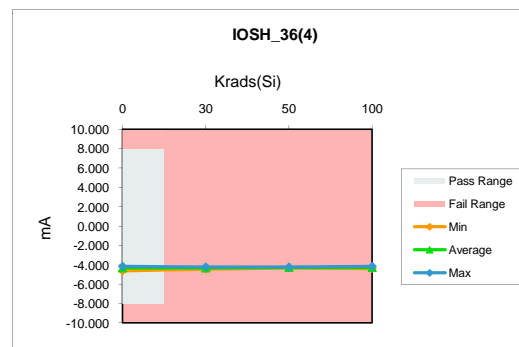
TID HDR Rebound Report SN55LVCP22-SP

IOSH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-4.056	-4.205	0.149	-3.67%	0.93%
30	34	-4.303	-4.338	0.035	-0.81%	0.22%
30	35	-4.151	-4.319	0.168	-4.05%	1.05%
30	36	-4.284	-4.281	-0.003	0.07%	0.02%
30	37	-4.094	-4.338	0.244	-5.96%	1.52%
30	38	-4.208	-4.414	0.206	-4.90%	1.29%
30	39	-4.170	-4.357	0.187	-4.48%	1.17%
30	40	-4.094	-4.300	0.206	-5.03%	1.29%
30	41	-4.056	-4.205	0.149	-3.67%	0.93%
30	42	-4.437	-4.452	0.015	-0.34%	0.09%
50	43	-4.075	-4.262	0.187	-4.59%	1.17%
50	44	-4.018	-4.224	0.206	-5.13%	1.29%
50	45	-4.208	-4.300	0.092	-2.19%	0.58%
50	46	-4.227	-4.224	-0.003	0.07%	0.02%
50	47	-4.265	-4.319	0.054	-1.27%	0.34%
50	48	-4.094	-4.262	0.168	-4.10%	1.05%
50	49	-4.322	-4.300	-0.022	0.51%	0.14%
50	50	-4.341	-4.281	-0.060	1.38%	0.37%
50	51	-4.246	-4.243	-0.003	0.07%	0.02%
50	52	-4.132	-4.300	0.168	-4.07%	1.05%
100	53	-4.246	-4.224	-0.022	0.52%	0.14%
100	54	-4.208	-4.281	0.073	-1.73%	0.46%
100	55	-4.361	-4.376	0.015	-0.34%	0.09%
100	56	-4.132	-4.281	0.149	-3.61%	0.93%
100	57	-4.037	-4.167	0.130	-3.22%	0.81%
100	58	-4.208	-4.167	-0.041	0.97%	0.26%
100	59	-4.170	-4.376	0.206	-4.94%	1.29%
100	60	-4.056	-4.300	0.244	-6.02%	1.52%
100	61	-4.341	-4.319	-0.022	0.51%	0.14%
100	62	-4.284	-4.300	0.016	-0.37%	0.10%
0	73	-4.056	-4.167	0.111	-2.74%	0.69%
0	74	-4.380	-4.623	0.243	-5.55%	1.52%
0	75	-4.227	-4.205	-0.022	0.52%	0.14%
	Max	-4.018	-4.167	0.244	1.38%	1.52%
	Average	-4.197	-4.294	0.098	-2.37%	0.69%
	Min	-4.437	-4.623	-0.060	-6.02%	0.02%
	Std Dev	0.113	0.091	0.098	2.38%	0.53%



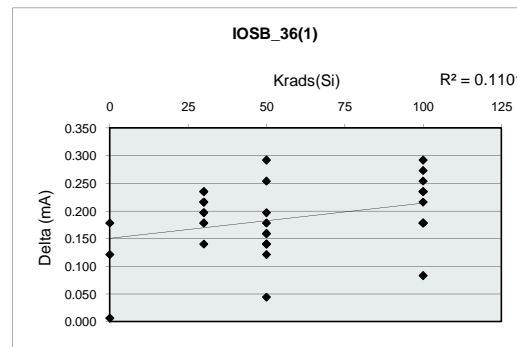
IOSH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.623	-4.452	-4.319	-4.376
Average	-4.332	-4.321	-4.272	-4.279
Max	-4.167	-4.205	-4.224	-4.167
UL	8.000	8.000	8.000	8.000



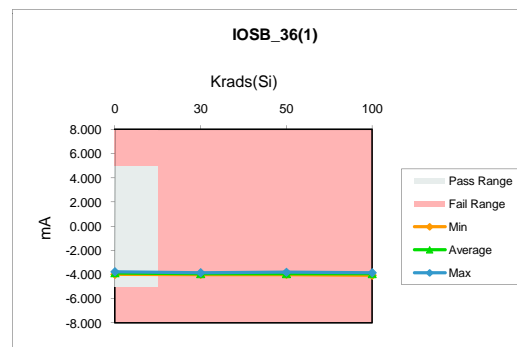
TID HDR Rebound Report
SN55LVCP22-SP

IOSB_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.666	-3.844	0.178	-4.86%	1.78%
30	34	-3.704	-3.939	0.235	-6.34%	2.35%
30	35	-3.742	-3.958	0.216	-5.77%	2.16%
30	36	-3.723	-3.939	0.216	-5.80%	2.16%
30	37	-3.704	-3.920	0.216	-5.83%	2.16%
30	38	-3.742	-3.977	0.235	-6.28%	2.35%
30	39	-3.780	-3.977	0.197	-5.21%	1.97%
30	40	-3.723	-3.920	0.197	-5.29%	1.97%
30	41	-3.723	-3.863	0.140	-3.76%	1.40%
30	42	-3.837	-4.015	0.178	-4.64%	1.78%
50	43	-3.799	-3.996	0.197	-5.19%	1.97%
50	44	-3.704	-3.863	0.159	-4.29%	1.59%
50	45	-3.837	-3.958	0.121	-3.15%	1.21%
50	46	-3.666	-3.920	0.254	-6.93%	2.54%
50	47	-3.666	-3.958	0.292	-7.97%	2.92%
50	48	-3.780	-3.920	0.140	-3.70%	1.40%
50	49	-3.761	-3.805	0.044	-1.17%	0.44%
50	50	-3.837	-4.015	0.178	-4.64%	1.78%
50	51	-3.780	-3.920	0.140	-3.70%	1.40%
50	52	-3.799	-3.958	0.159	-4.19%	1.59%
100	53	-3.742	-3.977	0.235	-6.28%	2.35%
100	54	-3.666	-3.844	0.178	-4.86%	1.78%
100	55	-3.818	-4.072	0.254	-6.65%	2.54%
100	56	-3.761	-3.939	0.178	-4.73%	1.78%
100	57	-3.685	-3.920	0.235	-6.38%	2.35%
100	58	-3.704	-3.882	0.178	-4.81%	1.78%
100	59	-3.742	-4.034	0.292	-7.80%	2.92%
100	60	-3.666	-3.939	0.273	-7.45%	2.73%
100	61	-3.742	-3.958	0.216	-5.77%	2.16%
100	62	-3.761	-3.844	0.083	-2.21%	0.83%
0	73	-3.723	-3.844	0.121	-3.25%	1.21%
0	74	-3.818	-3.996	0.178	-4.66%	1.78%
0	75	-3.761	-3.767	0.006	-0.16%	0.06%
	Max	-3.666	-3.767	0.292	-0.16%	2.92%
	Average	-3.744	-3.930	0.185	-4.96%	1.85%
	Min	-3.837	-4.072	0.006	-7.97%	0.06%
	Std Dev	0.053	0.068	0.064	1.75%	0.64%



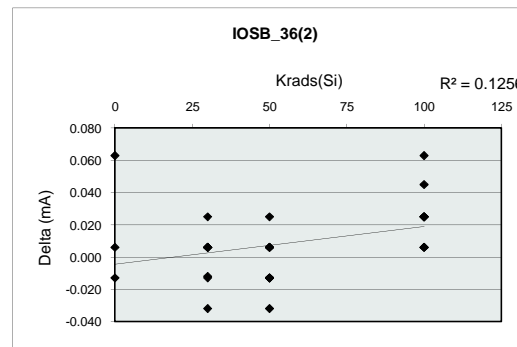
IOSB_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.996	-4.015	-4.015	-4.072
Average	-3.869	-3.935	-3.931	-3.941
Max	-3.767	-3.844	-3.805	-3.844
UL	5.000	5.000	5.000	5.000



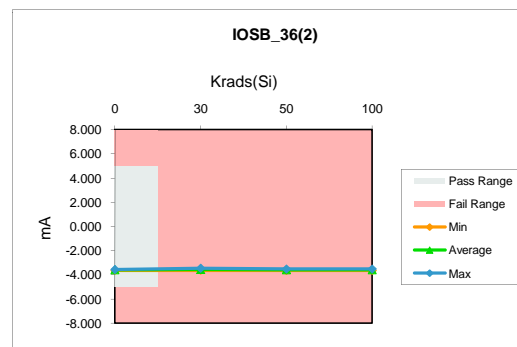
TID HDR Rebound Report
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IOSB_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.475	-3.463	-0.012	0.35%	0.12%
30	34	-3.552	-3.558	0.006	-0.17%	0.06%
30	35	-3.628	-3.615	-0.013	0.36%	0.13%
30	36	-3.552	-3.558	0.006	-0.17%	0.06%
30	37	-3.533	-3.539	0.006	-0.17%	0.06%
30	38	-3.590	-3.615	0.025	-0.70%	0.25%
30	39	-3.609	-3.615	0.006	-0.17%	0.06%
30	40	-3.590	-3.596	0.006	-0.17%	0.06%
30	41	-3.533	-3.539	0.006	-0.17%	0.06%
30	42	-3.666	-3.634	-0.032	0.87%	0.32%
50	43	-3.590	-3.596	0.006	-0.17%	0.06%
50	44	-3.514	-3.520	0.006	-0.17%	0.06%
50	45	-3.666	-3.653	-0.013	0.35%	0.13%
50	46	-3.495	-3.520	0.025	-0.72%	0.25%
50	47	-3.552	-3.558	0.006	-0.17%	0.06%
50	48	-3.590	-3.577	-0.013	0.36%	0.13%
50	49	-3.590	-3.558	-0.032	0.89%	0.32%
50	50	-3.628	-3.634	0.006	-0.17%	0.06%
50	51	-3.590	-3.577	-0.013	0.36%	0.13%
50	52	-3.590	-3.577	-0.013	0.36%	0.13%
100	53	-3.552	-3.577	0.025	-0.70%	0.25%
100	54	-3.475	-3.520	0.045	-1.29%	0.45%
100	55	-3.628	-3.653	0.025	-0.69%	0.25%
100	56	-3.571	-3.634	0.063	-1.76%	0.63%
100	57	-3.514	-3.539	0.025	-0.71%	0.25%
100	58	-3.514	-3.539	0.025	-0.71%	0.25%
100	59	-3.609	-3.615	0.006	-0.17%	0.06%
100	60	-3.552	-3.558	0.006	-0.17%	0.06%
100	61	-3.609	-3.634	0.025	-0.69%	0.25%
100	62	-3.571	-3.577	0.006	-0.17%	0.06%
0	73	-3.514	-3.577	0.063	-1.79%	0.63%
0	74	-3.647	-3.634	-0.013	0.36%	0.13%
0	75	-3.552	-3.558	0.006	-0.17%	0.06%
Max		-3.475	-3.463	0.063	0.89%	0.63%
Average		-3.571	-3.579	0.008	-0.24%	0.18%
Min		-3.666	-3.653	-0.032	-1.79%	0.06%
Std Dev		0.051	0.045	0.022	0.62%	0.16%



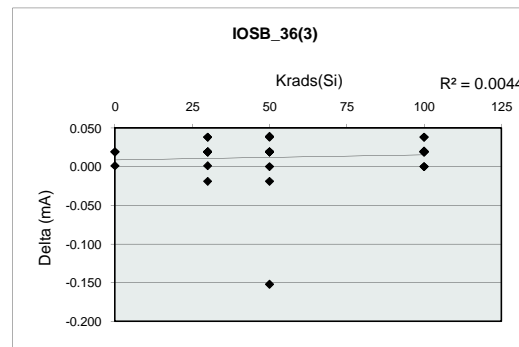
IOSB_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.634	-3.634	-3.653	-3.653
Average	-3.590	-3.573	-3.577	-3.585
Max	-3.558	-3.463	-3.520	-3.520
UL	5.000	5.000	5.000	5.000



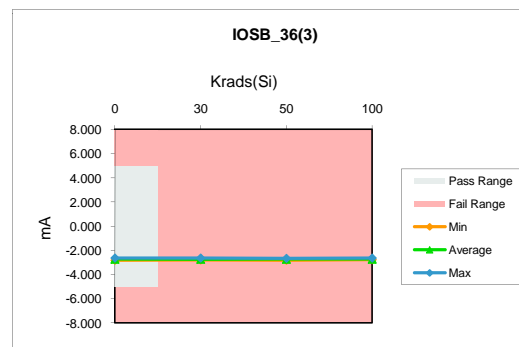
TID HDR Rebound Report
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IOSB_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-2.643	-2.644	0.001	-0.04%	0.01%
30	34	-2.720	-2.739	0.019	-0.70%	0.19%
30	35	-2.663	-2.682	0.019	-0.71%	0.19%
30	36	-2.701	-2.739	0.038	-1.41%	0.38%
30	37	-2.758	-2.739	-0.019	0.69%	0.19%
30	38	-2.758	-2.777	0.019	-0.69%	0.19%
30	39	-2.739	-2.758	0.019	-0.69%	0.19%
30	40	-2.701	-2.720	0.019	-0.70%	0.19%
30	41	-2.663	-2.701	0.038	-1.43%	0.38%
30	42	-2.777	-2.796	0.019	-0.68%	0.19%
50	43	-2.720	-2.739	0.019	-0.70%	0.19%
50	44	-2.663	-2.701	0.038	-1.43%	0.38%
50	45	-2.796	-2.815	0.019	-0.68%	0.19%
50	46	-2.643	-2.682	0.039	-1.48%	0.39%
50	47	-2.720	-2.739	0.019	-0.70%	0.19%
50	48	-2.701	-2.720	0.019	-0.70%	0.19%
50	49	-2.758	-2.758	0.000	0.00%	0.00%
50	50	-2.682	-2.701	0.019	-0.71%	0.19%
50	51	-2.682	-2.663	-0.019	0.71%	0.19%
50	52	-2.891	-2.739	-0.152	5.26%	1.52%
100	53	-2.682	-2.701	0.019	-0.71%	0.19%
100	54	-2.624	-2.644	0.020	-0.76%	0.20%
100	55	-2.739	-2.758	0.019	-0.69%	0.19%
100	56	-2.720	-2.758	0.038	-1.40%	0.38%
100	57	-2.663	-2.682	0.019	-0.71%	0.19%
100	58	-2.701	-2.701	0.000	0.00%	0.00%
100	59	-2.720	-2.739	0.019	-0.70%	0.19%
100	60	-2.682	-2.701	0.019	-0.71%	0.19%
100	61	-2.777	-2.777	0.000	0.00%	0.00%
100	62	-2.701	-2.739	0.038	-1.41%	0.38%
0	73	-2.643	-2.644	0.001	-0.04%	0.01%
0	74	-2.796	-2.815	0.019	-0.68%	0.19%
0	75	-2.682	-2.701	0.019	-0.71%	0.19%
	Max	-2.624	-2.644	0.039	5.26%	1.52%
	Average	-2.712	-2.725	0.012	-0.46%	0.24%
	Min	-2.891	-2.815	-0.152	-1.48%	0.00%
	Std Dev	0.056	0.045	0.033	1.16%	0.26%



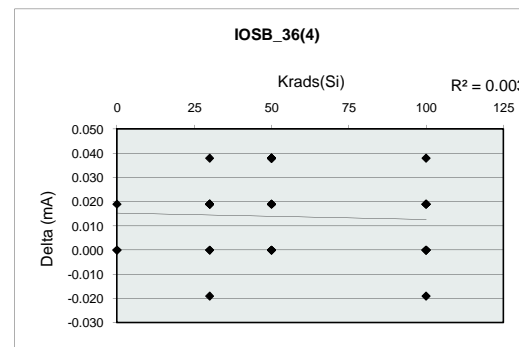
IOSB_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 mA			
Min Limit	-5 mA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-2.815	-2.796	-2.815	-2.777
Average	-2.720	-2.730	-2.726	-2.720
Max	-2.644	-2.644	-2.663	-2.644
UL	5.000	5.000	5.000	5.000



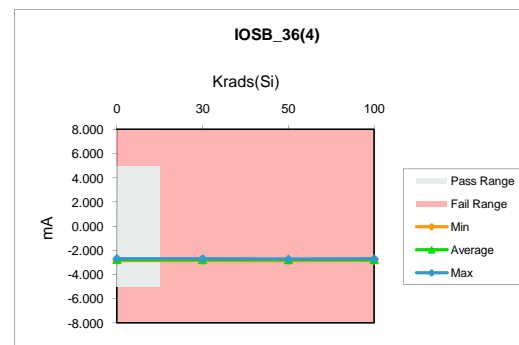
TID HDR Rebound Report SN55LVCP22-SP

IOSB_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-2.682	-2.701	0.019	-0.71%	0.19%
30	34	-2.777	-2.796	0.019	-0.68%	0.19%
30	35	-2.720	-2.739	0.019	-0.70%	0.19%
30	36	-2.777	-2.777	0.000	0.00%	0.00%
30	37	-2.815	-2.796	-0.019	0.67%	0.19%
30	38	-2.815	-2.834	0.019	-0.67%	0.19%
30	39	-2.777	-2.815	0.038	-1.37%	0.38%
30	40	-2.739	-2.758	0.019	-0.69%	0.19%
30	41	-2.720	-2.739	0.019	-0.70%	0.19%
30	42	-2.853	-2.853	0.000	0.00%	0.00%
50	43	-2.758	-2.796	0.038	-1.38%	0.38%
50	44	-2.701	-2.739	0.038	-1.41%	0.38%
50	45	-2.853	-2.853	0.000	0.00%	0.00%
50	46	-2.701	-2.720	0.019	-0.70%	0.19%
50	47	-2.777	-2.777	0.000	0.00%	0.00%
50	48	-2.758	-2.796	0.038	-1.38%	0.38%
50	49	-2.815	-2.815	0.000	0.00%	0.00%
50	50	-2.739	-2.777	0.038	-1.39%	0.38%
50	51	-2.720	-2.739	0.019	-0.70%	0.19%
50	52	-2.777	-2.796	0.019	-0.68%	0.19%
100	53	-2.739	-2.758	0.019	-0.69%	0.19%
100	54	-2.682	-2.701	0.019	-0.71%	0.19%
100	55	-2.815	-2.815	0.000	0.00%	0.00%
100	56	-2.758	-2.796	0.038	-1.38%	0.38%
100	57	-2.739	-2.739	0.000	0.00%	0.00%
100	58	-2.758	-2.739	-0.019	0.69%	0.19%
100	59	-2.777	-2.796	0.019	-0.68%	0.19%
100	60	-2.739	-2.739	0.000	0.00%	0.00%
100	61	-2.815	-2.834	0.019	-0.67%	0.19%
100	62	-2.796	-2.796	0.000	0.00%	0.00%
0	73	-2.682	-2.682	0.000	0.00%	0.00%
0	74	-2.853	-2.853	0.000	0.00%	0.00%
0	75	-2.739	-2.758	0.019	-0.69%	0.19%
	Max	-2.682	-2.682	0.038	0.69%	0.38%
	Average	-2.763	-2.776	0.014	-0.50%	0.16%
	Min	-2.853	-2.853	-0.019	-1.41%	0.00%
	Std Dev	0.049	0.045	0.016	0.58%	0.14%



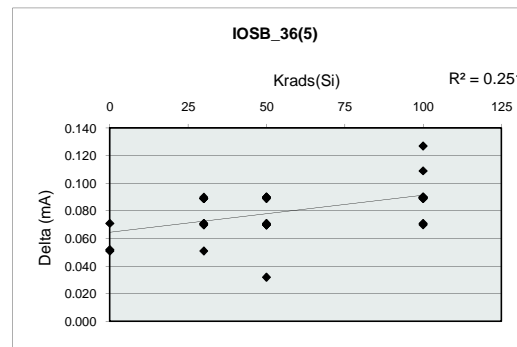
IOSB_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-2.853	-2.853	-2.853	-2.834
Average	-2.764	-2.781	-2.781	-2.771
Max	-2.682	-2.701	-2.720	-2.701
UL	5.000	5.000	5.000	5.000



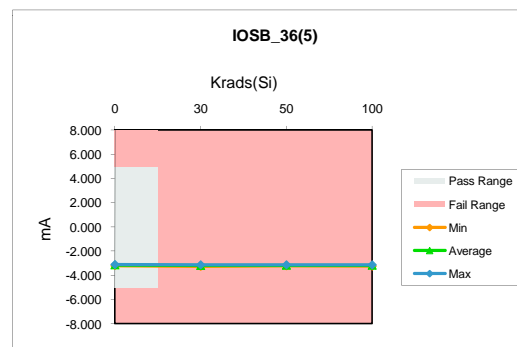
TID HDR Rebound Report SN55LVCP22-SP

IOSB_36(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.061	-3.132	0.071	-2.32%	0.71%
30	34	-3.138	-3.208	0.070	-2.23%	0.70%
30	35	-3.138	-3.208	0.070	-2.23%	0.70%
30	36	-3.119	-3.170	0.051	-1.64%	0.51%
30	37	-3.119	-3.208	0.089	-2.85%	0.89%
30	38	-3.157	-3.246	0.089	-2.82%	0.89%
30	39	-3.138	-3.227	0.089	-2.84%	0.89%
30	40	-3.099	-3.189	0.090	-2.90%	0.90%
30	41	-3.099	-3.170	0.071	-2.29%	0.71%
30	42	-3.176	-3.265	0.089	-2.80%	0.89%
50	43	-3.119	-3.189	0.070	-2.24%	0.70%
50	44	-3.042	-3.132	0.090	-2.96%	0.90%
50	45	-3.176	-3.208	0.032	-1.01%	0.32%
50	46	-3.061	-3.132	0.071	-2.32%	0.71%
50	47	-3.099	-3.189	0.090	-2.90%	0.90%
50	48	-3.119	-3.189	0.070	-2.24%	0.70%
50	49	-3.157	-3.227	0.070	-2.22%	0.70%
50	50	-3.119	-3.208	0.089	-2.85%	0.89%
50	51	-3.080	-3.170	0.090	-2.92%	0.90%
50	52	-3.157	-3.227	0.070	-2.22%	0.70%
100	53	-3.080	-3.189	0.109	-3.54%	1.09%
100	54	-3.042	-3.132	0.090	-2.96%	0.90%
100	55	-3.119	-3.208	0.089	-2.85%	0.89%
100	56	-3.119	-3.246	0.127	-4.07%	1.27%
100	57	-3.061	-3.151	0.090	-2.94%	0.90%
100	58	-3.080	-3.170	0.090	-2.92%	0.90%
100	59	-3.157	-3.227	0.070	-2.22%	0.70%
100	60	-3.099	-3.170	0.071	-2.29%	0.71%
100	61	-3.119	-3.208	0.089	-2.85%	0.89%
100	62	-3.080	-3.170	0.090	-2.92%	0.90%
0	73	-3.061	-3.113	0.052	-1.70%	0.52%
0	74	-3.157	-3.208	0.051	-1.62%	0.51%
0	75	-3.080	-3.151	0.071	-2.31%	0.71%
	Max	-3.042	-3.113	0.127	-1.01%	1.27%
	Average	-3.110	-3.189	0.079	-2.55%	0.79%
	Min	-3.176	-3.265	0.032	-4.07%	0.32%
	Std Dev	0.038	0.037	0.018	0.58%	0.18%



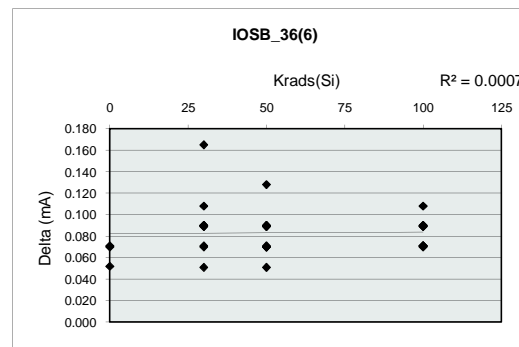
IOSB_36(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.208	-3.265	-3.227	-3.246
Average	-3.157	-3.202	-3.187	-3.187
Max	-3.113	-3.132	-3.132	-3.132
UL	5.000	5.000	5.000	5.000



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IOSB_36(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.042	-3.113	0.071	-2.33%	0.71%
30	34	-3.119	-3.227	0.108	-3.46%	1.08%
30	35	-3.119	-3.284	0.165	-5.29%	1.65%
30	36	-3.099	-3.189	0.090	-2.90%	0.90%
30	37	-3.138	-3.189	0.051	-1.63%	0.51%
30	38	-3.176	-3.265	0.089	-2.80%	0.89%
30	39	-3.157	-3.246	0.089	-2.82%	0.89%
30	40	-3.080	-3.170	0.090	-2.92%	0.90%
30	41	-3.080	-3.170	0.090	-2.92%	0.90%
30	42	-3.195	-3.265	0.070	-2.19%	0.70%
50	43	-3.099	-3.189	0.090	-2.90%	0.90%
50	44	-3.061	-3.132	0.071	-2.32%	0.71%
50	45	-3.138	-3.208	0.070	-2.23%	0.70%
50	46	-3.042	-3.132	0.090	-2.96%	0.90%
50	47	-3.061	-3.189	0.128	-4.18%	1.28%
50	48	-3.119	-3.189	0.070	-2.24%	0.70%
50	49	-3.138	-3.227	0.089	-2.84%	0.89%
50	50	-3.119	-3.189	0.070	-2.24%	0.70%
50	51	-3.119	-3.170	0.051	-1.64%	0.51%
50	52	-3.138	-3.227	0.089	-2.84%	0.89%
100	53	-3.080	-3.170	0.090	-2.92%	0.90%
100	54	-3.042	-3.113	0.071	-2.33%	0.71%
100	55	-3.119	-3.208	0.089	-2.85%	0.89%
100	56	-3.138	-3.246	0.108	-3.44%	1.08%
100	57	-3.080	-3.151	0.071	-2.31%	0.71%
100	58	-3.080	-3.151	0.071	-2.31%	0.71%
100	59	-3.157	-3.246	0.089	-2.82%	0.89%
100	60	-3.080	-3.170	0.090	-2.92%	0.90%
100	61	-3.119	-3.189	0.070	-2.24%	0.70%
100	62	-3.099	-3.170	0.071	-2.29%	0.71%
0	73	-3.042	-3.113	0.071	-2.33%	0.71%
0	74	-3.138	-3.208	0.070	-2.23%	0.70%
0	75	-3.099	-3.151	0.052	-1.68%	0.52%
	Max	-3.042	-3.113	0.165	-1.63%	1.65%
	Average	-3.106	-3.190	0.083	-2.68%	0.83%
	Min	-3.195	-3.284	0.051	-5.29%	0.51%
	Std Dev	0.040	0.045	0.022	0.71%	0.22%



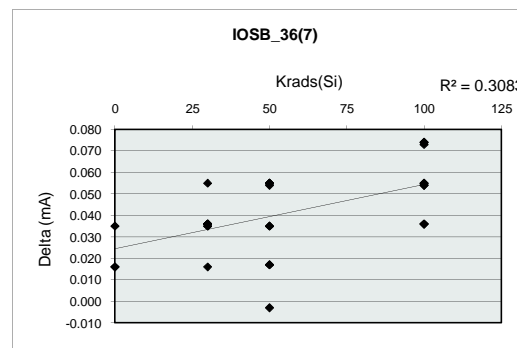
IOSB_36(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.208	-3.284	-3.227	-3.246
Average	-3.157	-3.212	-3.185	-3.181
Max	-3.113	-3.113	-3.132	-3.113
UL	5.000	5.000	5.000	5.000



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IOSB_36(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.351	-3.386	0.035	-1.04%	0.35%
30	34	-3.427	-3.463	0.036	-1.05%	0.36%
30	35	-3.408	-3.444	0.036	-1.06%	0.36%
30	36	-3.408	-3.444	0.036	-1.06%	0.36%
30	37	-3.408	-3.463	0.055	-1.61%	0.55%
30	38	-3.465	-3.501	0.036	-1.04%	0.36%
30	39	-3.465	-3.501	0.036	-1.04%	0.36%
30	40	-3.408	-3.444	0.036	-1.06%	0.36%
30	41	-3.389	-3.405	0.016	-0.47%	0.16%
30	42	-3.504	-3.539	0.035	-1.00%	0.35%
50	43	-3.408	-3.463	0.055	-1.61%	0.55%
50	44	-3.351	-3.386	0.035	-1.04%	0.35%
50	45	-3.465	-3.520	0.055	-1.59%	0.55%
50	46	-3.370	-3.405	0.035	-1.04%	0.35%
50	47	-3.427	-3.444	0.017	-0.50%	0.17%
50	48	-3.389	-3.444	0.055	-1.62%	0.55%
50	49	-3.427	-3.482	0.055	-1.60%	0.55%
50	50	-3.485	-3.482	-0.003	0.09%	0.03%
50	51	-3.351	-3.405	0.054	-1.61%	0.54%
50	52	-3.427	-3.444	0.017	-0.50%	0.17%
100	53	-3.389	-3.463	0.074	-2.18%	0.74%
100	54	-3.332	-3.405	0.073	-2.19%	0.73%
100	55	-3.465	-3.520	0.055	-1.59%	0.55%
100	56	-3.446	-3.482	0.036	-1.04%	0.36%
100	57	-3.351	-3.405	0.054	-1.61%	0.54%
100	58	-3.332	-3.386	0.054	-1.62%	0.54%
100	59	-3.465	-3.501	0.036	-1.04%	0.36%
100	60	-3.408	-3.444	0.036	-1.06%	0.36%
100	61	-3.427	-3.482	0.055	-1.60%	0.55%
100	62	-3.408	-3.482	0.074	-2.17%	0.74%
0	73	-3.351	-3.386	0.035	-1.04%	0.35%
0	74	-3.504	-3.520	0.016	-0.46%	0.16%
0	75	-3.370	-3.386	0.016	-0.47%	0.16%
	Max	-3.332	-3.386	0.074	0.09%	0.74%
	Average	-3.412	-3.452	0.041	-1.20%	0.41%
	Min	-3.504	-3.539	-0.003	-2.19%	0.03%
	Std Dev	0.048	0.046	0.018	0.53%	0.18%



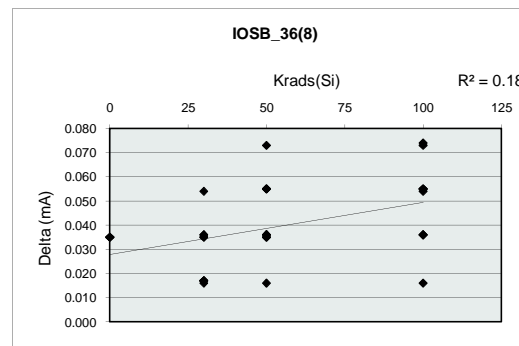
IOSB_36(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5 mA			
Min Limit	-5 mA			
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.520	-3.539	-3.520	-3.520
Average	-3.431	-3.459	-3.448	-3.457
Max	-3.386	-3.386	-3.386	-3.386
UL	5.000	5.000	5.000	5.000



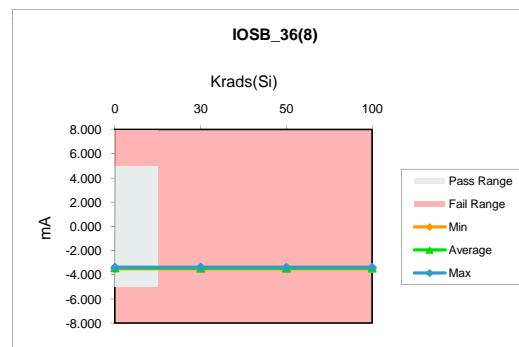
TID HDR Rebound Report SN55LVCP22-SP

IOSB_36(8)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	5	5
Min Limit	-5	-5

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.332	-3.367	0.035	-1.05%	0.35%
30	34	-3.427	-3.444	0.017	-0.50%	0.17%
30	35	-3.408	-3.444	0.036	-1.06%	0.36%
30	36	-3.427	-3.444	0.017	-0.50%	0.17%
30	37	-3.427	-3.444	0.017	-0.50%	0.17%
30	38	-3.485	-3.520	0.035	-1.00%	0.35%
30	39	-3.465	-3.501	0.036	-1.04%	0.36%
30	40	-3.427	-3.444	0.017	-0.50%	0.17%
30	41	-3.370	-3.424	0.054	-1.60%	0.54%
30	42	-3.504	-3.520	0.016	-0.46%	0.16%
50	43	-3.408	-3.444	0.036	-1.06%	0.36%
50	44	-3.351	-3.386	0.035	-1.04%	0.35%
50	45	-3.465	-3.520	0.055	-1.59%	0.55%
50	46	-3.351	-3.424	0.073	-2.18%	0.73%
50	47	-3.408	-3.463	0.055	-1.61%	0.55%
50	48	-3.389	-3.424	0.035	-1.03%	0.35%
50	49	-3.427	-3.463	0.036	-1.05%	0.36%
50	50	-3.446	-3.482	0.036	-1.04%	0.36%
50	51	-3.370	-3.386	0.016	-0.47%	0.16%
50	52	-3.408	-3.463	0.055	-1.61%	0.55%
100	53	-3.389	-3.444	0.055	-1.62%	0.55%
100	54	-3.332	-3.405	0.073	-2.19%	0.73%
100	55	-3.465	-3.520	0.055	-1.59%	0.55%
100	56	-3.427	-3.501	0.074	-2.16%	0.74%
100	57	-3.370	-3.386	0.016	-0.47%	0.16%
100	58	-3.332	-3.386	0.054	-1.62%	0.54%
100	59	-3.465	-3.501	0.036	-1.04%	0.36%
100	60	-3.408	-3.444	0.036	-1.06%	0.36%
100	61	-3.427	-3.482	0.055	-1.60%	0.55%
100	62	-3.427	-3.463	0.036	-1.05%	0.36%
0	73	-3.351	-3.386	0.035	-1.04%	0.35%
0	74	-3.485	-3.520	0.035	-1.00%	0.35%
0	75	-3.370	-3.405	0.035	-1.04%	0.35%
	Max	-3.332	-3.367	0.074	-0.46%	0.74%
	Average	-3.410	-3.450	0.040	-1.16%	0.40%
	Min	-3.504	-3.520	0.016	-2.19%	0.16%
	Std Dev	0.047	0.046	0.017	0.50%	0.17%



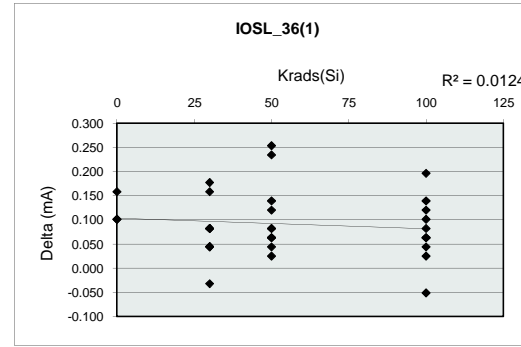
IOSB_36(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	5	mA		
Min Limit	-5	mA		
Krads(Si)	0	30	50	100
LL	-5.000	-5.000	-5.000	-5.000
Min	-3.520	-3.520	-3.520	-3.520
Average	-3.437	-3.455	-3.446	-3.453
Max	-3.386	-3.367	-3.386	-3.386
UL	5.000	5.000	5.000	5.000



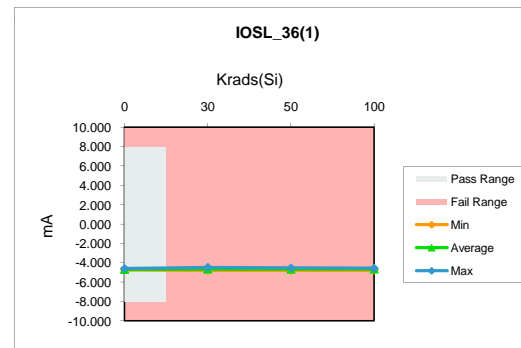
TID HDR Rebound Report
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IOSL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-4.446	-4.491	0.045	-1.01%	0.28%
30	34	-4.561	-4.643	0.082	-1.80%	0.51%
30	35	-4.599	-4.776	0.177	-3.85%	1.11%
30	36	-4.485	-4.529	0.044	-0.98%	0.27%
30	37	-4.542	-4.624	0.082	-1.81%	0.51%
30	38	-4.599	-4.681	0.082	-1.78%	0.51%
30	39	-4.618	-4.776	0.158	-3.42%	0.99%
30	40	-4.618	-4.662	0.044	-0.95%	0.28%
30	41	-4.504	-4.472	-0.032	0.71%	0.20%
30	42	-4.656	-4.738	0.082	-1.76%	0.51%
50	43	-4.599	-4.681	0.082	-1.78%	0.51%
50	44	-4.485	-4.548	0.063	-1.40%	0.39%
50	45	-4.656	-4.795	0.139	-2.99%	0.87%
50	46	-4.466	-4.529	0.063	-1.41%	0.39%
50	47	-4.561	-4.605	0.044	-0.96%	0.28%
50	48	-4.561	-4.643	0.082	-1.80%	0.51%
50	49	-4.542	-4.776	0.234	-5.15%	1.46%
50	50	-4.561	-4.681	0.120	-2.63%	0.75%
50	51	-4.466	-4.719	0.253	-5.67%	1.58%
50	52	-4.485	-4.510	0.025	-0.56%	0.16%
100	53	-4.542	-4.624	0.082	-1.81%	0.51%
100	54	-4.485	-4.624	0.139	-3.10%	0.87%
100	55	-4.656	-4.719	0.063	-1.35%	0.39%
100	56	-4.580	-4.700	0.120	-2.62%	0.75%
100	57	-4.523	-4.567	0.044	-0.97%	0.28%
100	58	-4.466	-4.567	0.101	-2.26%	0.63%
100	59	-4.618	-4.567	-0.051	1.10%	0.32%
100	60	-4.561	-4.586	0.025	-0.55%	0.16%
100	61	-4.637	-4.700	0.063	-1.36%	0.39%
100	62	-4.580	-4.776	0.196	-4.28%	1.23%
0	73	-4.485	-4.586	0.101	-2.25%	0.63%
0	74	-4.656	-4.757	0.101	-2.17%	0.63%
0	75	-4.542	-4.700	0.158	-3.48%	0.99%
	Max	-4.446	-4.472	0.253	1.10%	1.58%
	Average	-4.556	-4.647	0.091	-2.00%	0.60%
	Min	-4.656	-4.795	-0.051	-5.67%	0.16%
	Std Dev	0.064	0.092	0.066	1.45%	0.36%



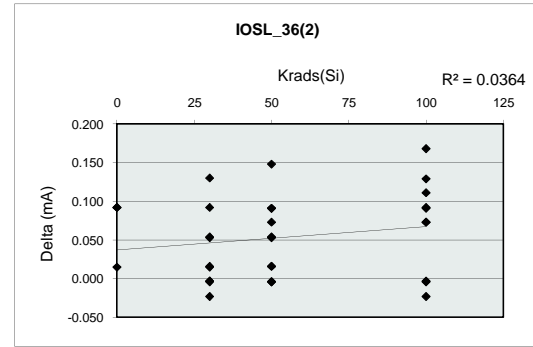
IOSL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.757	-4.776	-4.795	-4.776
Average	-4.681	-4.639	-4.649	-4.643
Max	-4.586	-4.472	-4.510	-4.567
UL	8.000	8.000	8.000	8.000



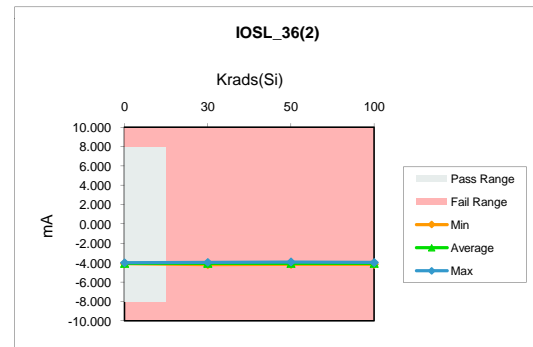
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IOSL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-3.958	-3.955	-0.003	0.08%	0.02%
30	34	-3.996	-4.050	0.054	-1.35%	0.34%
30	35	-3.977	-4.069	0.092	-2.31%	0.57%
30	36	-4.016	-4.031	0.015	-0.37%	0.09%
30	37	-3.996	-4.126	0.130	-3.25%	0.81%
30	38	-4.073	-4.069	-0.004	0.10%	0.03%
30	39	-4.073	-4.050	-0.023	0.56%	0.14%
30	40	-3.996	-4.012	0.016	-0.40%	0.10%
30	41	-3.977	-3.974	-0.003	0.08%	0.02%
30	42	-4.130	-4.183	0.053	-1.28%	0.33%
50	43	-4.016	-4.164	0.148	-3.69%	0.93%
50	44	-3.920	-3.936	0.016	-0.41%	0.10%
50	45	-4.092	-4.145	0.053	-1.30%	0.33%
50	46	-3.901	-3.917	0.016	-0.41%	0.10%
50	47	-3.996	-4.050	0.054	-1.35%	0.34%
50	48	-4.016	-4.107	0.091	-2.27%	0.57%
50	49	-4.035	-4.126	0.091	-2.26%	0.57%
50	50	-4.035	-4.031	-0.004	0.10%	0.02%
50	51	-3.996	-4.069	0.073	-1.83%	0.46%
50	52	-4.092	-4.088	-0.004	0.10%	0.03%
100	53	-3.958	-4.126	0.168	-4.24%	1.05%
100	54	-3.882	-3.974	0.092	-2.37%	0.58%
100	55	-4.035	-4.164	0.129	-3.20%	0.81%
100	56	-3.996	-4.069	0.073	-1.83%	0.46%
100	57	-3.939	-4.050	0.111	-2.82%	0.69%
100	58	-3.996	-3.993	-0.003	0.08%	0.02%
100	59	-4.035	-4.012	-0.023	0.57%	0.14%
100	60	-3.939	-4.012	0.073	-1.85%	0.46%
100	61	-4.073	-4.069	-0.004	0.10%	0.03%
100	62	-4.035	-4.126	0.091	-2.26%	0.57%
0	73	-3.901	-3.993	0.092	-2.36%	0.58%
0	74	-4.092	-4.107	0.015	-0.37%	0.09%
0	75	-3.977	-4.069	0.092	-2.31%	0.57%
	Max	-3.882	-3.917	0.168	0.57%	1.05%
	Average	-4.005	-4.058	0.054	-1.34%	0.36%
	Min	-4.130	-4.183	-0.023	-4.24%	0.02%
	Std Dev	0.060	0.068	0.053	1.33%	0.30%



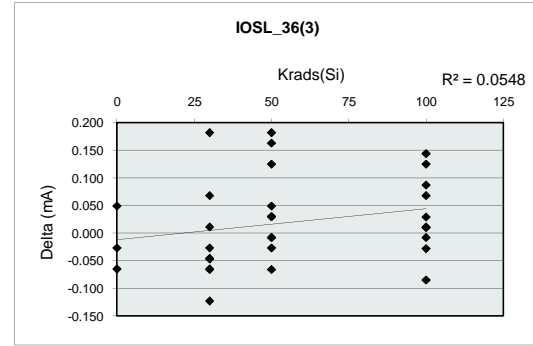
IOSL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.107	-4.183	-4.164	-4.164
Average	-4.056	-4.052	-4.063	-4.060
Max	-3.993	-3.955	-3.917	-3.974
UL	8.000	8.000	8.000	8.000



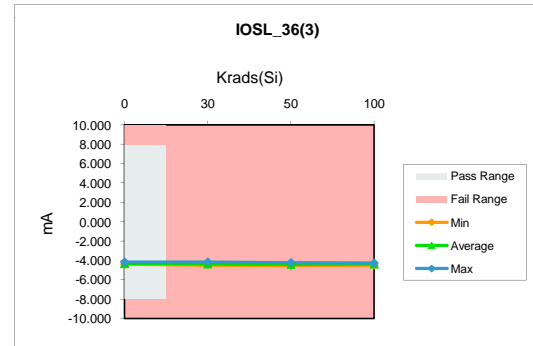
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IOSL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-4.224	-4.178	-0.046	1.09%	0.29%
30	34	-4.396	-4.273	-0.123	2.80%	0.77%
30	35	-4.320	-4.502	0.182	-4.21%	1.14%
30	36	-4.377	-4.350	-0.027	0.62%	0.17%
30	37	-4.339	-4.292	-0.047	1.08%	0.29%
30	38	-4.415	-4.369	-0.046	1.04%	0.29%
30	39	-4.415	-4.483	0.068	-1.54%	0.42%
30	40	-4.320	-4.331	0.011	-0.25%	0.07%
30	41	-4.339	-4.273	-0.066	1.52%	0.41%
30	42	-4.529	-4.464	-0.065	1.44%	0.41%
50	43	-4.377	-4.369	-0.008	0.18%	0.05%
50	44	-4.282	-4.216	-0.066	1.54%	0.41%
50	45	-4.415	-4.540	0.125	-2.83%	0.78%
50	46	-4.243	-4.273	0.030	-0.71%	0.19%
50	47	-4.282	-4.331	0.049	-1.14%	0.31%
50	48	-4.339	-4.331	-0.008	0.18%	0.05%
50	49	-4.358	-4.521	0.163	-3.74%	1.02%
50	50	-4.377	-4.407	0.030	-0.69%	0.19%
50	51	-4.301	-4.483	0.182	-4.23%	1.14%
50	52	-4.396	-4.369	-0.027	0.61%	0.17%
100	53	-4.320	-4.464	0.144	-3.33%	0.90%
100	54	-4.263	-4.292	0.029	-0.68%	0.18%
100	55	-4.358	-4.369	0.011	-0.25%	0.07%
100	56	-4.377	-4.502	0.125	-2.86%	0.78%
100	57	-4.301	-4.369	0.068	-1.58%	0.42%
100	58	-4.301	-4.273	-0.028	0.65%	0.18%
100	59	-4.377	-4.292	-0.085	1.94%	0.53%
100	60	-4.301	-4.311	0.010	-0.23%	0.06%
100	61	-4.339	-4.426	0.087	-2.01%	0.54%
100	62	-4.377	-4.369	-0.008	0.18%	0.05%
0	73	-4.243	-4.178	-0.065	1.53%	0.41%
0	74	-4.377	-4.350	-0.027	0.62%	0.17%
0	75	-4.339	-4.388	0.049	-1.13%	0.31%
	Max	-4.224	-4.178	0.182	2.80%	1.14%
	Average	-4.343	-4.362	0.019	-0.44%	0.40%
	Min	-4.529	-4.540	-0.123	-4.23%	0.05%
	Std Dev	0.062	0.096	0.080	1.85%	0.32%



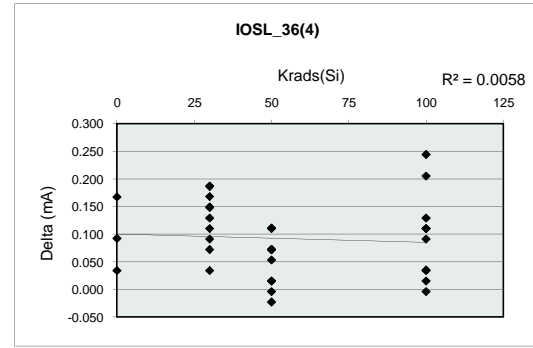
IOSL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.388	-4.502	-4.540	-4.502
Average	-4.305	-4.352	-4.384	-4.367
Max	-4.178	-4.178	-4.216	-4.273
UL	8.000	8.000	8.000	8.000



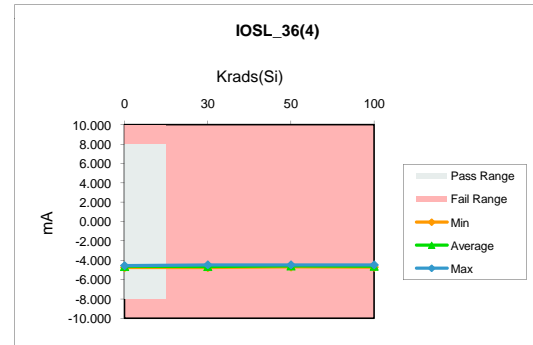
TID HDR Rebound Report
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IOSL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	mA	mA
Max Limit	8	8
Min Limit	-8	-8

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-4.399	-4.490	0.091	-2.07%	0.57%
30	34	-4.589	-4.623	0.034	-0.74%	0.21%
30	35	-4.513	-4.681	0.168	-3.72%	1.05%
30	36	-4.570	-4.642	0.072	-1.58%	0.45%
30	37	-4.475	-4.604	0.129	-2.88%	0.81%
30	38	-4.494	-4.642	0.148	-3.29%	0.93%
30	39	-4.589	-4.738	0.149	-3.25%	0.93%
30	40	-4.532	-4.642	0.110	-2.43%	0.69%
30	41	-4.399	-4.585	0.186	-4.23%	1.16%
30	42	-4.532	-4.719	0.187	-4.13%	1.17%
50	43	-4.513	-4.623	0.110	-2.44%	0.69%
50	44	-4.475	-4.490	0.015	-0.34%	0.09%
50	45	-4.494	-4.566	0.072	-1.60%	0.45%
50	46	-4.513	-4.509	-0.004	0.09%	0.03%
50	47	-4.570	-4.623	0.053	-1.16%	0.33%
50	48	-4.551	-4.566	0.015	-0.33%	0.09%
50	49	-4.589	-4.566	-0.023	0.50%	0.14%
50	50	-4.589	-4.700	0.111	-2.42%	0.69%
50	51	-4.513	-4.585	0.072	-1.60%	0.45%
50	52	-4.532	-4.604	0.072	-1.59%	0.45%
100	53	-4.532	-4.623	0.091	-2.01%	0.57%
100	54	-4.475	-4.585	0.110	-2.46%	0.69%
100	55	-4.627	-4.662	0.035	-0.76%	0.22%
100	56	-4.437	-4.642	0.205	-4.62%	1.28%
100	57	-4.494	-4.623	0.129	-2.87%	0.81%
100	58	-4.475	-4.490	0.015	-0.34%	0.09%
100	59	-4.475	-4.719	0.244	-5.45%	1.52%
100	60	-4.475	-4.585	0.110	-2.46%	0.69%
100	61	-4.570	-4.604	0.034	-0.74%	0.21%
100	62	-4.570	-4.566	-0.004	0.09%	0.03%
0	73	-4.399	-4.566	0.167	-3.80%	1.04%
0	74	-4.646	-4.738	0.092	-1.98%	0.58%
0	75	-4.532	-4.566	0.034	-0.75%	0.21%
Max		-4.399	-4.490	0.244	0.50%	1.52%
Average		-4.519	-4.611	0.092	-2.04%	0.59%
Min		-4.646	-4.738	-0.023	-5.45%	0.03%
Std Dev		0.062	0.067	0.067	1.49%	0.40%



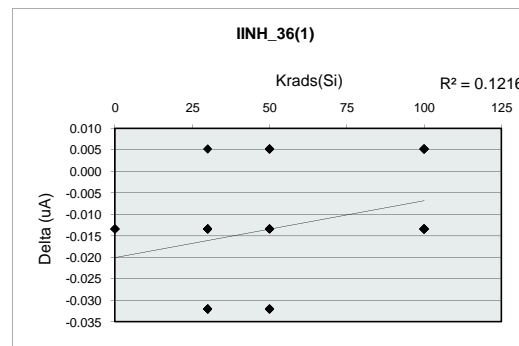
IOSL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	8	mA		
Min Limit	-8	mA		
Krads(Si)	0	30	50	100
LL	-8.000	-8.000	-8.000	-8.000
Min	-4.738	-4.738	-4.700	-4.719
Average	-4.623	-4.637	-4.583	-4.610
Max	-4.566	-4.490	-4.490	-4.490
UL	8.000	8.000	8.000	8.000



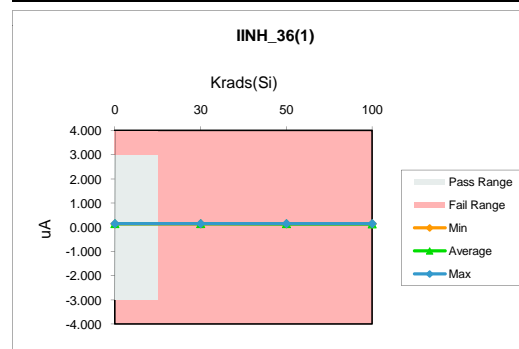
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IINH_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.118	0.150	-0.032	-27.14%	0.53%
30	34	0.118	0.150	-0.032	-27.14%	0.53%
30	35	0.118	0.131	-0.013	-11.37%	0.22%
30	36	0.118	0.150	-0.032	-27.14%	0.53%
30	37	0.137	0.150	-0.013	-9.82%	0.22%
30	38	0.118	0.131	-0.013	-11.37%	0.22%
30	39	0.137	0.150	-0.013	-9.82%	0.22%
30	40	0.137	0.150	-0.013	-9.82%	0.22%
30	41	0.137	0.131	0.005	3.80%	0.09%
30	42	0.118	0.150	-0.032	-27.14%	0.53%
50	43	0.137	0.131	0.005	3.80%	0.09%
50	44	0.137	0.150	-0.013	-9.82%	0.22%
50	45	0.137	0.150	-0.013	-9.82%	0.22%
50	46	0.118	0.131	-0.013	-11.37%	0.22%
50	47	0.137	0.131	0.005	3.80%	0.09%
50	48	0.118	0.150	-0.032	-27.14%	0.53%
50	49	0.137	0.131	0.005	3.80%	0.09%
50	50	0.118	0.150	-0.032	-27.14%	0.53%
50	51	0.118	0.150	-0.032	-27.14%	0.53%
50	52	0.137	0.150	-0.013	-9.82%	0.22%
100	53	0.118	0.131	-0.013	-11.37%	0.22%
100	54	0.118	0.131	-0.013	-11.37%	0.22%
100	55	0.137	0.150	-0.013	-9.82%	0.22%
100	56	0.137	0.131	0.005	3.80%	0.09%
100	57	0.118	0.131	-0.013	-11.37%	0.22%
100	58	0.118	0.131	-0.013	-11.37%	0.22%
100	59	0.137	0.131	0.005	3.80%	0.09%
100	60	0.137	0.131	0.005	3.80%	0.09%
100	61	0.118	0.131	-0.013	-11.37%	0.22%
100	62	0.137	0.131	0.005	3.80%	0.09%
0	73	0.137	0.150	-0.013	-9.82%	0.22%
0	74	0.137	0.150	-0.013	-9.82%	0.22%
0	75	0.118	0.131	-0.013	-11.37%	0.22%
	Max	0.137	0.150	0.005	3.80%	0.53%
	Average	0.128	0.141	-0.013	-10.62%	0.26%
	Min	0.118	0.131	-0.032	-27.14%	0.09%
	Std Dev	0.009	0.009	0.013	10.59%	0.16%



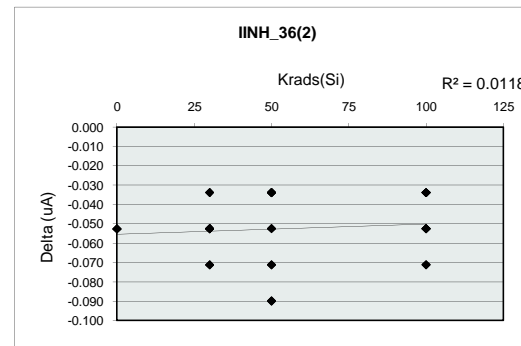
IINH_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.131	0.131	0.131	0.131
Average	0.144	0.145	0.143	0.133
Max	0.150	0.150	0.150	0.150
UL	3.000	3.000	3.000	3.000



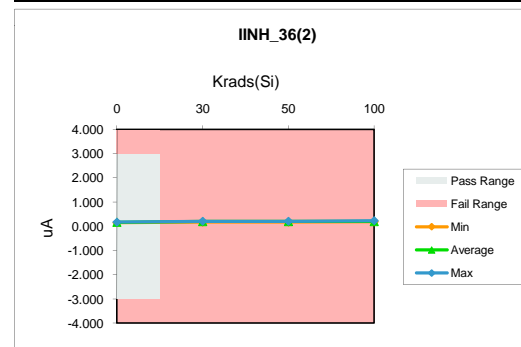
TID HDR Rebound Report SN55LVCP22-SP

IINH_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.150	0.203	-0.053	-34.96%	0.88%
30	34	0.150	0.203	-0.053	-34.96%	0.88%
30	35	0.150	0.203	-0.053	-34.96%	0.88%
30	36	0.169	0.203	-0.034	-20.06%	0.57%
30	37	0.132	0.203	-0.071	-54.08%	1.19%
30	38	0.132	0.184	-0.053	-39.96%	0.88%
30	39	0.150	0.184	-0.034	-22.59%	0.57%
30	40	0.150	0.203	-0.053	-34.96%	0.88%
30	41	0.113	0.166	-0.053	-46.60%	0.88%
30	42	0.094	0.166	-0.071	-75.58%	1.19%
50	43	0.094	0.184	-0.090	-95.29%	1.50%
50	44	0.169	0.203	-0.034	-20.06%	0.57%
50	45	0.132	0.166	-0.034	-25.83%	0.57%
50	46	0.132	0.203	-0.071	-54.08%	1.19%
50	47	0.150	0.203	-0.053	-34.96%	0.88%
50	48	0.150	0.184	-0.034	-22.59%	0.57%
50	49	0.169	0.203	-0.034	-20.06%	0.57%
50	50	0.113	0.184	-0.071	-63.06%	1.19%
50	51	0.094	0.184	-0.090	-95.29%	1.50%
50	52	0.150	0.203	-0.053	-34.96%	0.88%
100	53	0.150	0.184	-0.034	-22.59%	0.57%
100	54	0.150	0.203	-0.053	-34.96%	0.88%
100	55	0.150	0.203	-0.053	-34.96%	0.88%
100	56	0.150	0.184	-0.034	-22.59%	0.57%
100	57	0.150	0.184	-0.034	-22.59%	0.57%
100	58	0.150	0.221	-0.071	-47.33%	1.19%
100	59	0.113	0.184	-0.071	-63.06%	1.19%
100	60	0.132	0.184	-0.053	-39.96%	0.88%
100	61	0.150	0.184	-0.034	-22.59%	0.57%
100	62	0.132	0.184	-0.053	-39.96%	0.88%
0	73	0.113	0.166	-0.053	-46.60%	0.88%
0	74	0.113	0.166	-0.053	-46.60%	0.88%
0	75	0.094	0.147	-0.053	-55.88%	0.88%
	Max	0.169	0.221	-0.034	-20.06%	1.50%
	Average	0.136	0.189	-0.053	-41.35%	0.88%
	Min	0.094	0.147	-0.090	-95.29%	0.57%
	Std Dev	0.022	0.016	0.016	19.87%	0.27%



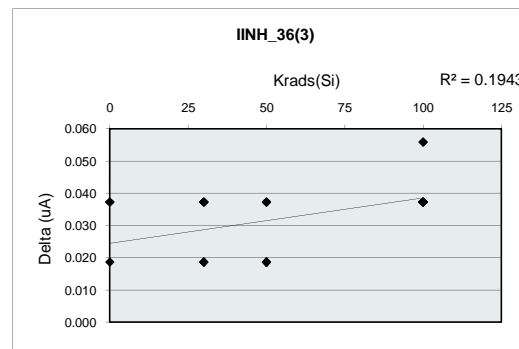
IINH_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.147	0.166	0.166	0.184
Average	0.159	0.192	0.192	0.192
Max	0.166	0.203	0.203	0.221
UL	3.000	3.000	3.000	3.000



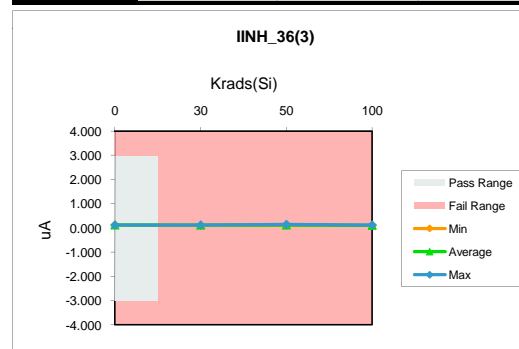
TID HDR Rebound Report
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IINH_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.139	0.102	0.037	26.80%	0.62%
30	34	0.139	0.120	0.019	13.40%	0.31%
30	35	0.139	0.102	0.037	26.80%	0.62%
30	36	0.158	0.120	0.037	23.63%	0.62%
30	37	0.158	0.120	0.037	23.63%	0.62%
30	38	0.139	0.120	0.019	13.40%	0.31%
30	39	0.139	0.120	0.019	13.40%	0.31%
30	40	0.158	0.120	0.037	23.63%	0.62%
30	41	0.139	0.102	0.037	26.80%	0.62%
30	42	0.139	0.120	0.019	13.40%	0.31%
50	43	0.158	0.120	0.037	23.63%	0.62%
50	44	0.139	0.120	0.019	13.40%	0.31%
50	45	0.158	0.139	0.019	11.82%	0.31%
50	46	0.158	0.120	0.037	23.63%	0.62%
50	47	0.139	0.120	0.019	13.40%	0.31%
50	48	0.139	0.120	0.019	13.40%	0.31%
50	49	0.158	0.120	0.037	23.63%	0.62%
50	50	0.139	0.102	0.037	26.80%	0.62%
50	51	0.139	0.120	0.019	13.40%	0.31%
50	52	0.139	0.120	0.019	13.40%	0.31%
100	53	0.158	0.102	0.056	35.45%	0.93%
100	54	0.139	0.102	0.037	26.80%	0.62%
100	55	0.158	0.120	0.037	23.63%	0.62%
100	56	0.158	0.120	0.037	23.63%	0.62%
100	57	0.139	0.102	0.037	26.80%	0.62%
100	58	0.158	0.120	0.037	23.63%	0.62%
100	59	0.158	0.102	0.056	35.45%	0.93%
100	60	0.139	0.102	0.037	26.80%	0.62%
100	61	0.139	0.102	0.037	26.80%	0.62%
100	62	0.139	0.102	0.037	26.80%	0.62%
0	73	0.139	0.120	0.019	13.40%	0.31%
0	74	0.158	0.120	0.037	23.63%	0.62%
0	75	0.158	0.120	0.037	23.63%	0.62%
	Max	0.158	0.139	0.056	35.45%	0.93%
	Average	0.147	0.115	0.032	21.75%	0.54%
	Min	0.139	0.102	0.019	11.82%	0.31%
	Std Dev	0.009	0.010	0.011	6.71%	0.18%



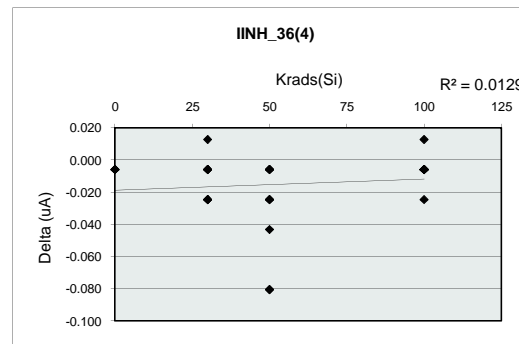
IINH_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.120	0.102	0.102	0.102
Average	0.120	0.115	0.120	0.107
Max	0.120	0.120	0.139	0.120
UL	3.000	3.000	3.000	3.000



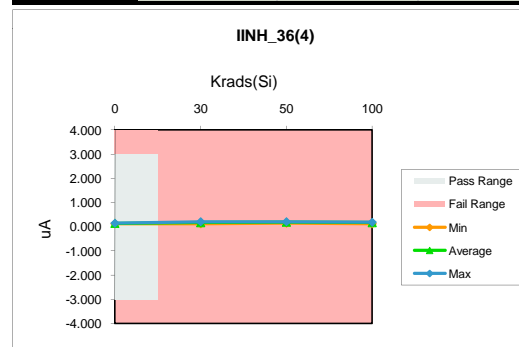
TID HDR Rebound Report
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IINH_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.177	0.183	-0.006	-3.42%	0.10%
30	34	0.177	0.202	-0.025	-13.92%	0.41%
30	35	0.177	0.165	0.013	7.09%	0.21%
30	36	0.140	0.165	-0.025	-17.63%	0.41%
30	37	0.159	0.183	-0.025	-15.56%	0.41%
30	38	0.140	0.165	-0.025	-17.63%	0.41%
30	39	0.177	0.183	-0.006	-3.42%	0.10%
30	40	0.177	0.183	-0.006	-3.42%	0.10%
30	41	0.140	0.146	-0.006	-4.32%	0.10%
30	42	0.121	0.127	-0.006	-4.99%	0.10%
50	43	0.103	0.183	-0.081	-78.40%	1.34%
50	44	0.196	0.202	-0.006	-3.09%	0.10%
50	45	0.140	0.146	-0.006	-4.32%	0.10%
50	46	0.159	0.183	-0.025	-15.56%	0.41%
50	47	0.159	0.183	-0.025	-15.56%	0.41%
50	48	0.177	0.202	-0.025	-13.92%	0.41%
50	49	0.177	0.183	-0.006	-3.42%	0.10%
50	50	0.140	0.183	-0.043	-30.93%	0.72%
50	51	0.103	0.183	-0.081	-78.40%	1.34%
50	52	0.196	0.202	-0.006	-3.09%	0.10%
100	53	0.159	0.165	-0.006	-3.82%	0.10%
100	54	0.177	0.183	-0.006	-3.42%	0.10%
100	55	0.177	0.183	-0.006	-3.42%	0.10%
100	56	0.177	0.183	-0.006	-3.42%	0.10%
100	57	0.177	0.165	0.013	7.09%	0.21%
100	58	0.177	0.183	-0.006	-3.42%	0.10%
100	59	0.140	0.165	-0.025	-17.63%	0.41%
100	60	0.177	0.183	-0.006	-3.42%	0.10%
100	61	0.121	0.127	-0.006	-4.99%	0.10%
100	62	0.159	0.165	-0.006	-3.82%	0.10%
0	73	0.140	0.146	-0.006	-4.32%	0.10%
0	74	0.140	0.146	-0.006	-4.32%	0.10%
0	75	0.121	0.127	-0.006	-4.99%	0.10%
	Max	0.196	0.202	0.013	7.09%	1.34%
	Average	0.157	0.172	-0.015	-11.45%	0.28%
	Min	0.103	0.127	-0.081	-78.40%	0.10%
	Std Dev	0.025	0.021	0.020	18.85%	0.32%



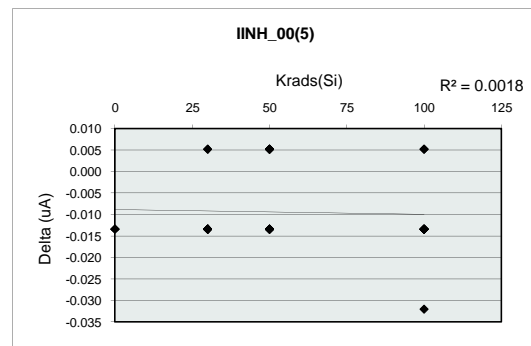
IINH_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.127	0.127	0.146	0.127
Average	0.140	0.170	0.185	0.170
Max	0.146	0.202	0.202	0.183
UL	3.000	3.000	3.000	3.000



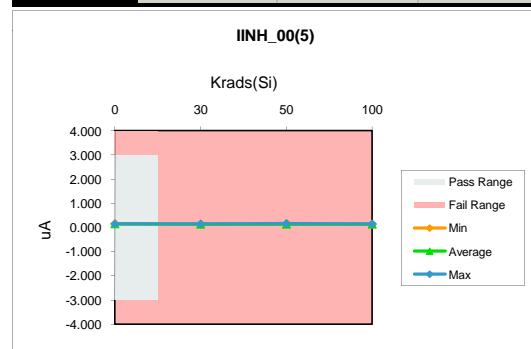
TID HDR Rebound Report SN55LVCP22-SP

IINH_00(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.118	0.131	-0.013	-11.37%	0.22%
30	34	0.118	0.131	-0.013	-11.37%	0.22%
30	35	0.118	0.131	-0.013	-11.37%	0.22%
30	36	0.137	0.150	-0.013	-9.82%	0.22%
30	37	0.137	0.131	0.005	3.80%	0.09%
30	38	0.118	0.131	-0.013	-11.37%	0.22%
30	39	0.137	0.131	0.005	3.80%	0.09%
30	40	0.137	0.150	-0.013	-9.82%	0.22%
30	41	0.137	0.150	-0.013	-9.82%	0.22%
30	42	0.137	0.150	-0.013	-9.82%	0.22%
50	43	0.137	0.131	0.005	3.80%	0.09%
50	44	0.137	0.131	0.005	3.80%	0.09%
50	45	0.155	0.169	-0.013	-8.63%	0.22%
50	46	0.118	0.131	-0.013	-11.37%	0.22%
50	47	0.137	0.150	-0.013	-9.82%	0.22%
50	48	0.118	0.131	-0.013	-11.37%	0.22%
50	49	0.137	0.131	0.005	3.80%	0.09%
50	50	0.118	0.131	-0.013	-11.37%	0.22%
50	51	0.118	0.131	-0.013	-11.37%	0.22%
50	52	0.137	0.131	0.005	3.80%	0.09%
100	53	0.118	0.131	-0.013	-11.37%	0.22%
100	54	0.118	0.131	-0.013	-11.37%	0.22%
100	55	0.137	0.131	0.005	3.80%	0.09%
100	56	0.137	0.150	-0.013	-9.82%	0.22%
100	57	0.118	0.131	-0.013	-11.37%	0.22%
100	58	0.118	0.150	-0.032	-27.14%	0.53%
100	59	0.118	0.131	-0.013	-11.37%	0.22%
100	60	0.118	0.131	-0.013	-11.37%	0.22%
100	61	0.118	0.131	-0.013	-11.37%	0.22%
100	62	0.137	0.131	0.005	3.80%	0.09%
0	73	0.137	0.150	-0.013	-9.82%	0.22%
0	74	0.137	0.150	-0.013	-9.82%	0.22%
0	75	0.137	0.150	-0.013	-9.82%	0.22%
Max		0.155	0.169	0.005	3.80%	0.53%
Average		0.129	0.138	-0.009	-7.67%	0.20%
Min		0.118	0.131	-0.032	-27.14%	0.09%
Std Dev		0.010	0.010	0.009	7.22%	0.08%



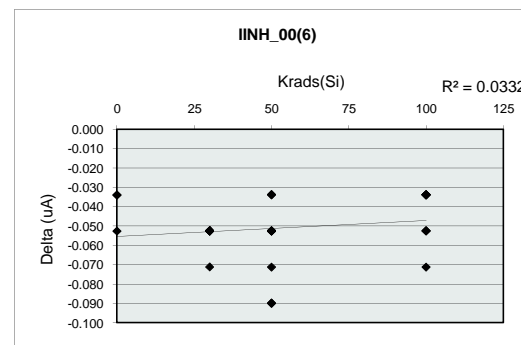
IINH_00(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.150	0.131	0.131	0.131
Average	0.150	0.139	0.137	0.135
Max	0.150	0.150	0.169	0.150
UL	3.000	3.000	3.000	3.000



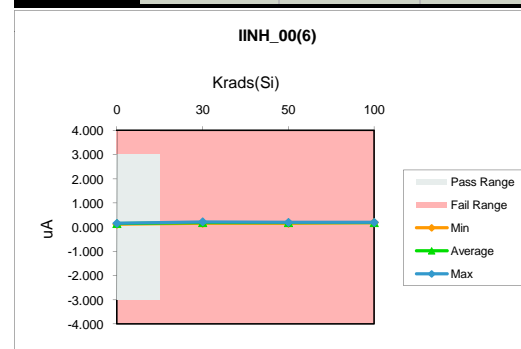
TID HDR Rebound Report SN55LVCP22-SP

IINH_00(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.169	0.221	-0.052	-31.07%	0.87%
30	34	0.150	0.203	-0.053	-34.96%	0.88%
30	35	0.150	0.203	-0.053	-34.96%	0.88%
30	36	0.150	0.203	-0.053	-34.96%	0.88%
30	37	0.132	0.203	-0.071	-54.08%	1.19%
30	38	0.132	0.184	-0.053	-39.96%	0.88%
30	39	0.150	0.203	-0.053	-34.96%	0.88%
30	40	0.150	0.203	-0.053	-34.96%	0.88%
30	41	0.113	0.166	-0.053	-46.60%	0.88%
30	42	0.113	0.166	-0.053	-46.60%	0.88%
50	43	0.094	0.184	-0.090	-95.29%	1.50%
50	44	0.169	0.203	-0.034	-20.06%	0.57%
50	45	0.113	0.166	-0.053	-46.60%	0.88%
50	46	0.150	0.203	-0.053	-34.96%	0.88%
50	47	0.132	0.184	-0.053	-39.96%	0.88%
50	48	0.132	0.184	-0.053	-39.96%	0.88%
50	49	0.169	0.203	-0.034	-20.06%	0.57%
50	50	0.113	0.184	-0.071	-63.06%	1.19%
50	51	0.094	0.184	-0.090	-95.29%	1.50%
50	52	0.150	0.203	-0.053	-34.96%	0.88%
100	53	0.150	0.184	-0.034	-22.59%	0.57%
100	54	0.150	0.184	-0.034	-22.59%	0.57%
100	55	0.150	0.203	-0.053	-34.96%	0.88%
100	56	0.150	0.184	-0.034	-22.59%	0.57%
100	57	0.150	0.184	-0.034	-22.59%	0.57%
100	58	0.150	0.203	-0.053	-34.96%	0.88%
100	59	0.113	0.184	-0.071	-63.06%	1.19%
100	60	0.132	0.184	-0.053	-39.96%	0.88%
100	61	0.150	0.184	-0.034	-22.59%	0.57%
100	62	0.150	0.184	-0.034	-22.59%	0.57%
0	73	0.132	0.166	-0.034	-25.83%	0.57%
0	74	0.113	0.166	-0.053	-46.60%	0.88%
0	75	0.094	0.128	-0.034	-36.17%	0.57%
	Max	0.169	0.221	-0.034	-20.06%	1.50%
	Average	0.137	0.188	-0.051	-39.41%	0.85%
	Min	0.094	0.128	-0.090	-95.29%	0.57%
	Std Dev	0.022	0.018	0.015	18.26%	0.25%



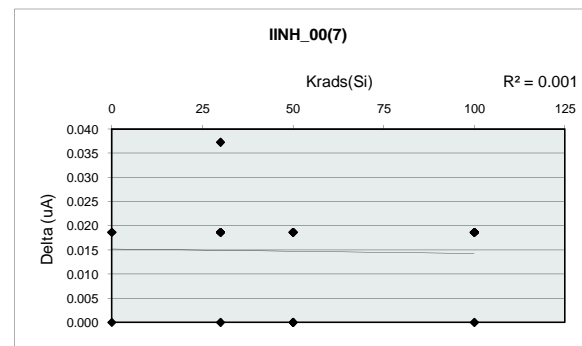
IINH_00(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.128	0.166	0.166	0.184
Average	0.153	0.195	0.190	0.188
Max	0.166	0.221	0.203	0.203
UL	3.000	3.000	3.000	3.000



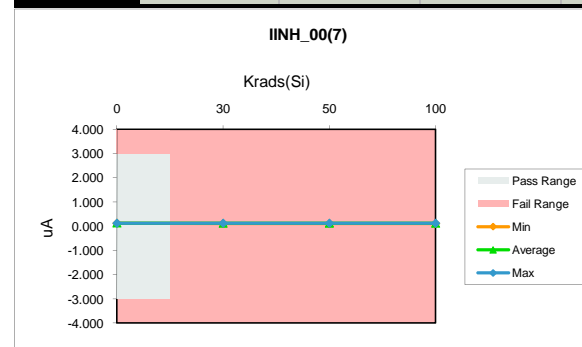
TID HDR Rebound Report SN55LVCP22-SP

IINH_00(7)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.139	0.120	0.019	13.40%	0.31%
30	34	0.139	0.102	0.037	26.80%	0.62%
30	35	0.139	0.120	0.019	13.40%	0.31%
30	36	0.139	0.120	0.019	13.40%	0.31%
30	37	0.139	0.120	0.019	13.40%	0.31%
30	38	0.139	0.102	0.037	26.80%	0.62%
30	39	0.120	0.120	0.000	0.00%	0.00%
30	40	0.120	0.120	0.000	0.00%	0.00%
30	41	0.139	0.120	0.019	13.40%	0.31%
30	42	0.139	0.120	0.019	13.40%	0.31%
50	43	0.139	0.120	0.019	13.40%	0.31%
50	44	0.139	0.120	0.019	13.40%	0.31%
50	45	0.139	0.120	0.019	13.40%	0.31%
50	46	0.139	0.120	0.019	13.40%	0.31%
50	47	0.120	0.120	0.000	0.00%	0.00%
50	48	0.120	0.120	0.000	0.00%	0.00%
50	49	0.139	0.120	0.019	13.40%	0.31%
50	50	0.120	0.120	0.000	0.00%	0.00%
50	51	0.120	0.102	0.019	15.48%	0.31%
50	52	0.120	0.120	0.000	0.00%	0.00%
100	53	0.120	0.102	0.019	15.48%	0.31%
100	54	0.120	0.120	0.000	0.00%	0.00%
100	55	0.139	0.120	0.019	13.40%	0.31%
100	56	0.139	0.120	0.019	13.40%	0.31%
100	57	0.120	0.120	0.000	0.00%	0.00%
100	58	0.139	0.120	0.019	13.40%	0.31%
100	59	0.120	0.102	0.019	15.48%	0.31%
100	60	0.120	0.102	0.019	15.48%	0.31%
100	61	0.120	0.102	0.019	15.48%	0.31%
100	62	0.139	0.120	0.019	13.40%	0.31%
0	73	0.120	0.120	0.000	0.00%	0.00%
0	74	0.139	0.120	0.019	13.40%	0.31%
0	75	0.139	0.120	0.019	13.40%	0.31%
Max		0.139	0.120	0.037	26.80%	0.62%
Average		0.131	0.116	0.015	10.87%	0.24%
Min		0.120	0.102	0.000	0.00%	0.00%
Std Dev		0.009	0.008	0.010	7.47%	0.17%



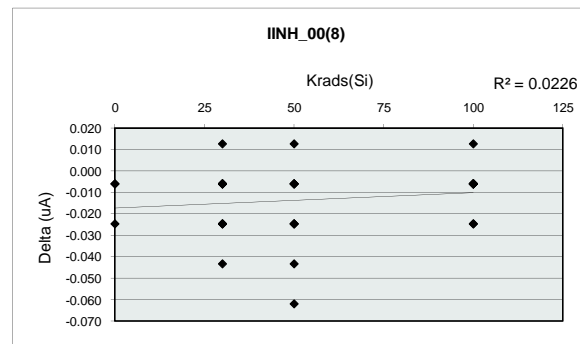
IINH_00(7)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3 uA			
Min Limit	-3 uA			
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.120	0.102	0.102	0.102
Average	0.120	0.117	0.119	0.113
Max	0.120	0.120	0.120	0.120
UL	3.000	3.000	3.000	3.000



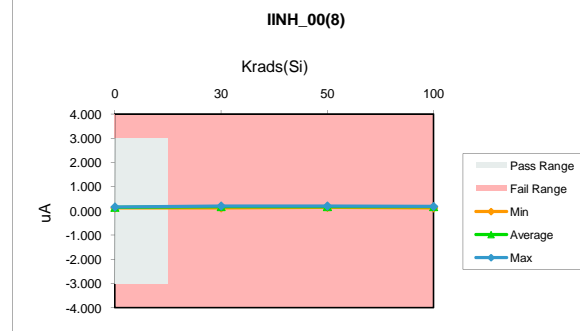
TID HDR Rebound Report SN55LVCP22-SP

IINH_00(8)	
Test Site	Dallas
Tester	Impact
Test Number	I21072
Unit	uA
Max Limit	3
Min Limit	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.177	0.183	-0.006	-3.42%	0.10%
30	34	0.177	0.202	-0.025	-13.92%	0.41%
30	35	0.177	0.165	0.013	7.09%	0.21%
30	36	0.140	0.165	-0.025	-17.63%	0.41%
30	37	0.159	0.183	-0.025	-15.56%	0.41%
30	38	0.140	0.183	-0.043	-30.93%	0.72%
30	39	0.177	0.183	-0.006	-3.42%	0.10%
30	40	0.177	0.183	-0.006	-3.42%	0.10%
30	41	0.140	0.146	-0.006	-4.32%	0.10%
30	42	0.121	0.127	-0.006	-4.99%	0.10%
50	43	0.121	0.183	-0.062	-51.03%	1.03%
50	44	0.196	0.202	-0.006	-3.09%	0.10%
50	45	0.140	0.146	-0.006	-4.32%	0.10%
50	46	0.159	0.183	-0.025	-15.56%	0.41%
50	47	0.159	0.183	-0.025	-15.56%	0.41%
50	48	0.177	0.183	-0.006	-3.42%	0.10%
50	49	0.196	0.183	0.013	6.42%	0.21%
50	50	0.140	0.165	-0.025	-17.63%	0.41%
50	51	0.121	0.165	-0.043	-35.68%	0.72%
50	52	0.196	0.202	-0.006	-3.09%	0.10%
100	53	0.177	0.165	0.013	7.09%	0.21%
100	54	0.177	0.183	-0.006	-3.42%	0.10%
100	55	0.177	0.183	-0.006	-3.42%	0.10%
100	56	0.177	0.183	-0.006	-3.42%	0.10%
100	57	0.159	0.165	-0.006	-3.82%	0.10%
100	58	0.159	0.183	-0.025	-15.56%	0.41%
100	59	0.140	0.165	-0.025	-17.63%	0.41%
100	60	0.177	0.183	-0.006	-3.42%	0.10%
100	61	0.121	0.127	-0.006	-4.99%	0.10%
100	62	0.159	0.165	-0.006	-3.82%	0.10%
0	73	0.140	0.165	-0.025	-17.63%	0.41%
0	74	0.140	0.146	-0.006	-4.32%	0.10%
0	75	0.121	0.127	-0.006	-4.99%	0.10%
Max		0.196	0.202	0.013	7.09%	1.03%
Average		0.158	0.171	-0.013	-9.48%	0.26%
Min		0.121	0.127	-0.062	-51.03%	1.03%
Std Dev		0.024	0.020	0.016	12.10%	0.23%



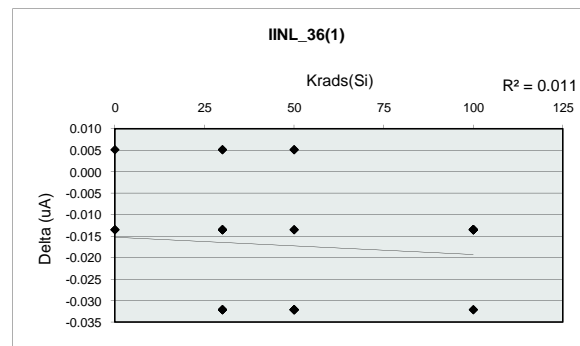
IINH_00(8)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3 uA			
Min Limit	-3 uA			
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.127	0.127	0.146	0.127
Average	0.146	0.172	0.180	0.170
Max	0.165	0.202	0.202	0.183
UL	3.000	3.000	3.000	3.000



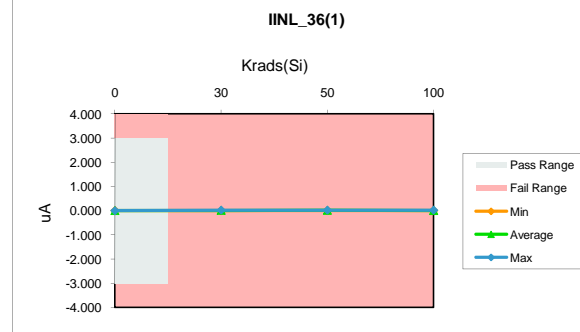
TID HDR Rebound Report
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IINL_36(1)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.012	0.020	-0.032	260.64%	0.54%
30	34	-0.012	0.001	-0.013	109.53%	0.22%
30	35	-0.012	0.020	-0.032	260.64%	0.54%
30	36	-0.012	0.001	-0.013	109.53%	0.22%
30	37	-0.012	0.020	-0.032	260.64%	0.54%
30	38	-0.012	0.001	-0.013	109.53%	0.22%
30	39	-0.012	0.001	-0.013	109.53%	0.22%
30	40	0.006	0.001	0.005	81.38%	0.09%
30	41	0.006	0.001	0.005	81.38%	0.09%
30	42	-0.012	0.020	-0.032	260.64%	0.54%
50	43	-0.012	0.020	-0.032	260.64%	0.54%
50	44	-0.012	0.020	-0.032	260.64%	0.54%
50	45	0.006	0.001	0.005	81.38%	0.09%
50	46	0.006	0.001	0.005	81.38%	0.09%
50	47	-0.012	0.020	-0.032	260.64%	0.54%
50	48	-0.012	0.020	-0.032	260.64%	0.54%
50	49	-0.012	0.020	-0.032	260.64%	0.54%
50	50	-0.012	0.020	-0.032	260.64%	0.54%
50	51	-0.012	0.001	-0.013	109.53%	0.22%
50	52	-0.012	0.001	-0.013	109.53%	0.22%
100	53	0.006	0.020	-0.013	-213.86%	0.22%
100	54	-0.012	0.001	-0.013	109.53%	0.22%
100	55	-0.012	0.020	-0.032	260.64%	0.54%
100	56	-0.012	0.001	-0.013	109.53%	0.22%
100	57	-0.012	0.001	-0.013	109.53%	0.22%
100	58	-0.012	0.020	-0.032	260.64%	0.54%
100	59	-0.012	0.001	-0.013	109.53%	0.22%
100	60	-0.012	0.001	-0.013	109.53%	0.22%
100	61	-0.012	0.001	-0.013	109.53%	0.22%
100	62	-0.012	0.001	-0.013	109.53%	0.22%
0	73	-0.012	0.001	-0.013	109.53%	0.22%
0	74	0.006	0.001	0.005	81.38%	0.09%
0	75	-0.012	0.001	-0.013	109.53%	0.22%
Max		0.006	0.020	0.005	260.64%	0.54%
Average		-0.009	0.009	-0.017	150.41%	0.32%
Min		-0.012	0.001	-0.032	-213.86%	0.09%
Std Dev		0.007	0.009	0.013	101.15%	0.17%



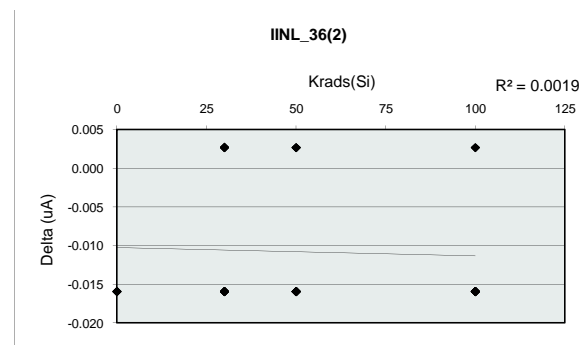
IINL_36(1)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.001	0.001	0.001	0.001
Average	0.001	0.009	0.012	0.007
Max	0.001	0.020	0.020	0.020
UL	3.000	3.000	3.000	3.000



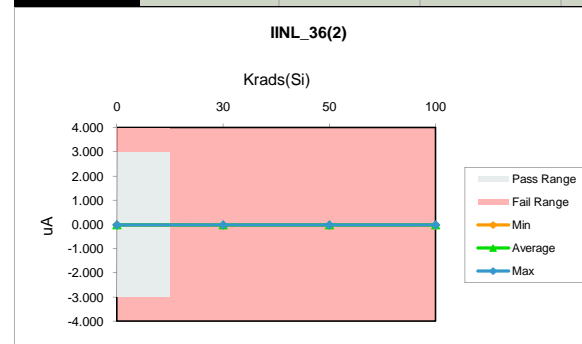
TID HDR Rebound Report SN55LVCP22-SP

IINL_36(2)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.020	-0.016	44.01%	0.27%
30	34	-0.036	-0.039	0.003	-7.36%	0.04%
30	35	-0.036	-0.039	0.003	-7.36%	0.04%
30	36	-0.036	-0.020	-0.016	44.01%	0.27%
30	37	-0.018	-0.020	0.003	-15.49%	0.05%
30	38	-0.036	-0.020	-0.016	44.01%	0.27%
30	39	-0.036	-0.020	-0.016	44.01%	0.27%
30	40	-0.036	-0.020	-0.016	44.01%	0.27%
30	41	-0.036	-0.020	-0.016	44.01%	0.27%
30	42	-0.036	-0.039	0.003	-7.36%	0.04%
50	43	-0.036	-0.039	0.003	-7.36%	0.04%
50	44	-0.036	-0.020	-0.016	44.01%	0.27%
50	45	-0.036	-0.020	-0.016	44.01%	0.27%
50	46	-0.036	-0.020	-0.016	44.01%	0.27%
50	47	-0.036	-0.020	-0.016	44.01%	0.27%
50	48	-0.036	-0.039	0.003	-7.36%	0.04%
50	49	-0.036	-0.020	-0.016	44.01%	0.27%
50	50	-0.036	-0.039	0.003	-7.36%	0.04%
50	51	-0.036	-0.020	-0.016	44.01%	0.27%
50	52	-0.036	-0.020	-0.016	44.01%	0.27%
100	53	-0.036	-0.020	-0.016	44.01%	0.27%
100	54	-0.036	-0.020	-0.016	44.01%	0.27%
100	55	-0.036	-0.020	-0.016	44.01%	0.27%
100	56	-0.036	-0.020	-0.016	44.01%	0.27%
100	57	-0.036	-0.039	0.003	-7.36%	0.04%
100	58	-0.036	-0.020	-0.016	44.01%	0.27%
100	59	-0.036	-0.020	-0.016	44.01%	0.27%
100	60	-0.036	-0.039	0.003	-7.36%	0.04%
100	61	-0.036	-0.020	-0.016	44.01%	0.27%
100	62	-0.036	-0.020	-0.016	44.01%	0.27%
0	73	-0.036	-0.020	-0.016	44.01%	0.27%
0	74	-0.036	-0.020	-0.016	44.01%	0.27%
0	75	-0.036	-0.020	-0.016	44.01%	0.27%
Max		-0.018	-0.020	0.003	44.01%	0.27%
Average		-0.036	-0.025	-0.011	29.75%	0.21%
Min		-0.036	-0.039	-0.016	-15.49%	0.04%
Std Dev		0.003	0.008	0.008	23.68%	0.10%



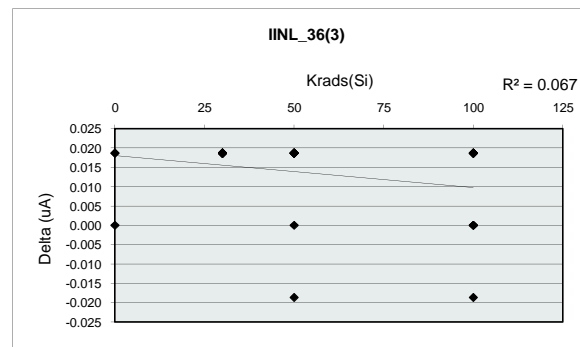
IINL_36(2)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.020	-0.039	-0.039	-0.039
Average	-0.020	-0.026	-0.026	-0.024
Max	-0.020	-0.020	-0.020	-0.020
UL	3.000	3.000	3.000	3.000



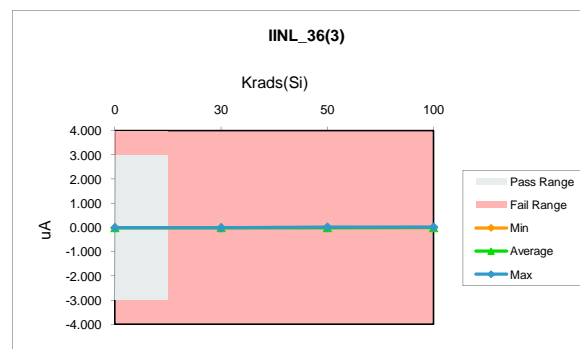
TID HDR Rebound Report
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IINL_36(3)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.009	-0.010	0.019	216.08%	0.31%
30	34	0.009	-0.010	0.019	216.08%	0.31%
30	35	0.009	-0.010	0.019	216.08%	0.31%
30	36	0.009	-0.010	0.019	216.08%	0.31%
30	37	0.009	-0.010	0.019	216.08%	0.31%
30	38	0.009	-0.010	0.019	216.08%	0.31%
30	39	0.009	-0.010	0.019	216.08%	0.31%
30	40	0.009	-0.010	0.019	216.08%	0.31%
30	41	0.009	-0.010	0.019	216.08%	0.31%
30	42	0.009	-0.010	0.019	216.08%	0.31%
50	43	0.009	-0.010	0.019	216.08%	0.31%
50	44	0.009	-0.010	0.019	216.08%	0.31%
50	45	0.009	-0.010	0.019	216.08%	0.31%
50	46	0.009	-0.010	0.019	216.08%	0.31%
50	47	-0.010	0.009	-0.019	186.15%	0.31%
50	48	0.009	-0.010	0.019	216.08%	0.31%
50	49	-0.010	-0.010	0.000	-0.17%	0.00%
50	50	0.009	-0.010	0.019	216.08%	0.31%
50	51	0.009	-0.010	0.019	216.08%	0.31%
50	52	0.009	-0.010	0.019	216.08%	0.31%
100	53	0.009	-0.010	0.019	216.08%	0.31%
100	54	-0.010	-0.010	0.000	-0.17%	0.00%
100	55	0.009	0.009	0.000	0.16%	0.00%
100	56	0.009	-0.010	0.019	216.08%	0.31%
100	57	0.009	-0.010	0.019	216.08%	0.31%
100	58	0.009	-0.010	0.019	216.08%	0.31%
100	59	-0.010	0.009	-0.019	186.15%	0.31%
100	60	-0.010	-0.010	0.000	-0.17%	0.00%
100	61	0.009	-0.010	0.019	216.08%	0.31%
100	62	0.009	-0.010	0.019	216.08%	0.31%
0	73	-0.010	-0.010	0.000	-0.17%	0.00%
0	74	0.009	-0.010	0.019	216.08%	0.31%
0	75	0.009	-0.010	0.019	216.08%	0.31%
Max		0.009	0.009	0.019	216.08%	0.31%
Average		0.005	-0.008	0.014	181.51%	0.26%
Min		-0.010	-0.010	-0.019	-0.17%	0.00%
Std Dev		0.007	0.005	0.011	78.27%	0.11%



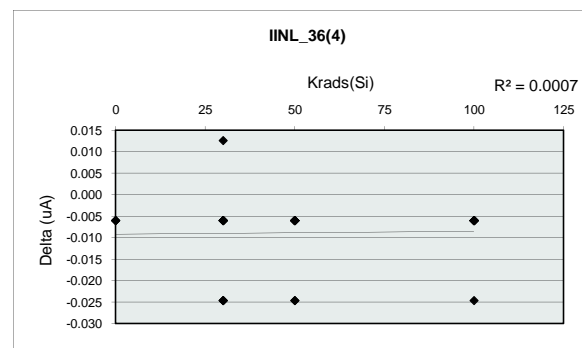
IINL_36(3)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.010	-0.010	-0.010	-0.010
Average	-0.010	-0.010	-0.008	-0.006
Max	-0.010	-0.010	0.009	0.009
UL	3.000	3.000	3.000	3.000



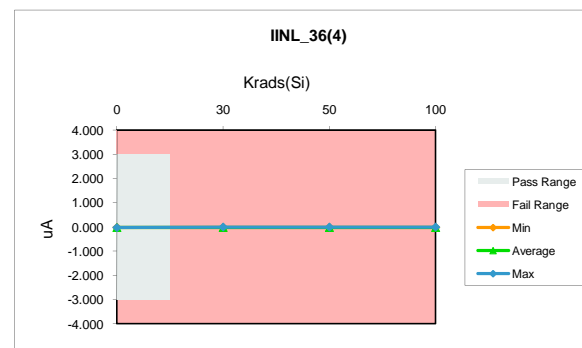
TID HDR Rebound Report SN55LVCP22-SP

IINL_36(4)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.028	-0.022	-0.006	21.87%	0.10%
30	34	-0.009	-0.022	0.013	-139.71%	0.21%
30	35	-0.028	-0.022	-0.006	21.87%	0.10%
30	36	-0.028	-0.022	-0.006	21.87%	0.10%
30	37	-0.028	-0.003	-0.025	89.28%	0.41%
30	38	-0.028	-0.022	-0.006	21.87%	0.10%
30	39	-0.046	-0.022	-0.025	53.33%	0.41%
30	40	-0.028	-0.003	-0.025	89.28%	0.41%
30	41	-0.028	-0.022	-0.006	21.87%	0.10%
30	42	-0.028	-0.022	-0.006	21.87%	0.10%
50	43	-0.028	-0.022	-0.006	21.87%	0.10%
50	44	-0.046	-0.022	-0.025	53.33%	0.41%
50	45	-0.028	-0.022	-0.006	21.87%	0.10%
50	46	-0.028	-0.022	-0.006	21.87%	0.10%
50	47	-0.028	-0.022	-0.006	21.87%	0.10%
50	48	-0.028	-0.003	-0.025	89.28%	0.41%
50	49	-0.028	-0.022	-0.006	21.87%	0.10%
50	50	-0.028	-0.022	-0.006	21.87%	0.10%
50	51	-0.028	-0.022	-0.006	21.87%	0.10%
50	52	-0.028	-0.022	-0.006	21.87%	0.10%
100	53	-0.028	-0.022	-0.006	21.87%	0.10%
100	54	-0.028	-0.022	-0.006	21.87%	0.10%
100	55	-0.028	-0.022	-0.006	21.87%	0.10%
100	56	-0.028	-0.022	-0.006	21.87%	0.10%
100	57	-0.028	-0.022	-0.006	21.87%	0.10%
100	58	-0.028	-0.003	-0.025	89.28%	0.41%
100	59	-0.028	-0.022	-0.006	21.87%	0.10%
100	60	-0.028	-0.022	-0.006	21.87%	0.10%
100	61	-0.028	-0.022	-0.006	21.87%	0.10%
100	62	-0.028	-0.022	-0.006	21.87%	0.10%
0	73	-0.028	-0.022	-0.006	21.87%	0.10%
0	74	-0.028	-0.022	-0.006	21.87%	0.10%
0	75	-0.028	-0.022	-0.006	21.87%	0.10%
	Max	-0.009	-0.003	0.013	89.28%	0.41%
	Average	-0.028	-0.019	-0.009	27.05%	0.16%
	Min	-0.046	-0.022	-0.025	-139.71%	0.10%
	Std Dev	0.006	0.006	0.008	37.66%	0.12%



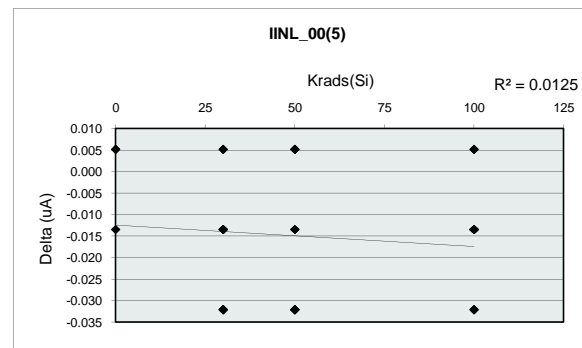
IINL_36(4)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.022	-0.022	-0.022	-0.022
Average	-0.022	-0.018	-0.020	-0.020
Max	-0.022	-0.003	-0.003	-0.003
UL	3.000	3.000	3.000	3.000



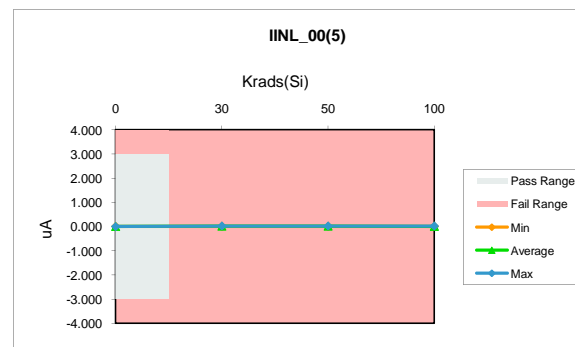
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IINL_00(5)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	0.006	0.001	0.005	81.38%	0.09%
30	34	0.006	0.020	-0.013	-213.86%	0.22%
30	35	0.006	0.001	0.005	81.38%	0.09%
30	36	-0.012	0.001	-0.013	109.53%	0.22%
30	37	-0.012	0.001	-0.013	109.53%	0.22%
30	38	-0.012	0.020	-0.032	260.64%	0.54%
30	39	-0.012	0.020	-0.032	260.64%	0.54%
30	40	-0.012	0.020	-0.032	260.64%	0.54%
30	41	0.006	0.020	-0.013	-213.86%	0.22%
30	42	-0.012	0.020	-0.032	260.64%	0.54%
50	43	0.006	0.001	0.005	81.38%	0.09%
50	44	-0.012	0.020	-0.032	260.64%	0.54%
50	45	-0.012	0.001	-0.013	109.53%	0.22%
50	46	-0.012	0.020	-0.032	260.64%	0.54%
50	47	-0.012	0.020	-0.032	260.64%	0.54%
50	48	0.006	0.001	0.005	81.38%	0.09%
50	49	0.006	0.001	0.005	81.38%	0.09%
50	50	-0.012	0.020	-0.032	260.64%	0.54%
50	51	-0.012	0.020	-0.032	260.64%	0.54%
50	52	0.006	0.020	-0.013	-213.86%	0.22%
100	53	0.006	0.001	0.005	81.38%	0.09%
100	54	-0.012	0.001	-0.013	109.53%	0.22%
100	55	-0.012	0.020	-0.032	260.64%	0.54%
100	56	-0.012	0.020	-0.032	260.64%	0.54%
100	57	-0.012	0.001	-0.013	109.53%	0.22%
100	58	-0.012	0.001	-0.013	109.53%	0.22%
100	59	0.006	0.001	0.005	81.38%	0.09%
100	60	-0.012	0.020	-0.032	260.64%	0.54%
100	61	-0.012	0.001	-0.013	109.53%	0.22%
100	62	-0.012	0.001	-0.013	109.53%	0.22%
0	73	-0.012	0.001	-0.013	109.53%	0.22%
0	74	0.006	0.001	0.005	81.38%	0.09%
0	75	0.006	0.001	0.005	81.38%	0.09%
	Max	0.006	0.020	0.005	260.64%	0.54%
	Average	-0.006	0.010	-0.015	127.40%	0.30%
	Min	-0.012	0.001	-0.032	-213.86%	0.09%
	Std Dev	0.009	0.009	0.015	135.13%	0.19%



IINL_00(5)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	0.001	0.001	0.001	0.001
Average	0.001	0.012	0.012	0.007
Max	0.001	0.020	0.020	0.020
UL	3.000	3.000	3.000	3.000

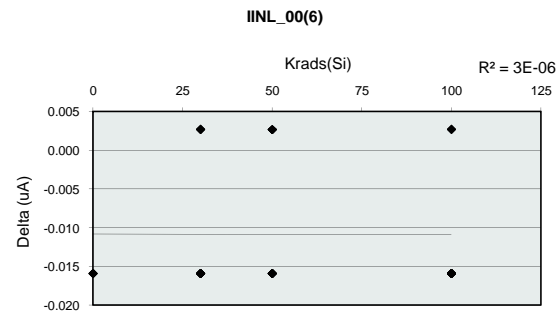


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IINL_00(6)		
Test Site	Dallas	Dallas
Tester	Impact	Impact
Test Number	I21072	I21072
Unit	uA	uA
Max Limit	3	3
Min Limit	-3	-3

Krads(Si)	Serial #	Pre HDR data	DR_LVCP22_Rebou	Delta	Delta %	% of Limit Range
30	33	-0.036	-0.020	-0.016	44.01%	0.27%
30	34	-0.036	-0.020	-0.016	44.01%	0.27%
30	35	-0.036	-0.020	-0.016	44.01%	0.27%
30	36	-0.036	-0.039	0.003	-7.36%	0.04%
30	37	-0.036	-0.020	-0.016	44.01%	0.27%
30	38	-0.036	-0.039	0.003	-7.36%	0.04%
30	39	-0.036	-0.020	-0.016	44.01%	0.27%
30	40	-0.036	-0.020	-0.016	44.01%	0.27%
30	41	-0.036	-0.020	-0.016	44.01%	0.27%
30	42	-0.018	-0.020	0.003	-15.49%	0.05%
50	43	-0.036	-0.020	-0.016	44.01%	0.27%
50	44	-0.036	-0.020	-0.016	44.01%	0.27%
50	45	-0.036	-0.039	0.003	-7.36%	0.04%
50	46	-0.036	-0.039	0.003	-7.36%	0.04%
50	47	-0.036	-0.020	-0.016	44.01%	0.27%
50	48	-0.036	-0.020	-0.016	44.01%	0.27%
50	49	-0.036	-0.020	-0.016	44.01%	0.27%
50	50	-0.036	-0.020	-0.016	44.01%	0.27%
50	51	-0.036	-0.039	0.003	-7.36%	0.04%
50	52	-0.036	-0.039	0.003	-7.36%	0.04%
100	53	-0.036	-0.020	-0.016	44.01%	0.27%
100	54	-0.036	-0.020	-0.016	44.01%	0.27%
100	55	-0.036	-0.020	-0.016	44.01%	0.27%
100	56	-0.036	-0.039	0.003	-7.36%	0.04%



IINL_00(6)				
Test Site	Dallas			
Tester	Impact			
Test Number	I21072			
Max Limit	3	uA		
Min Limit	-3	uA		
Krads(Si)	0	30	50	100
LL	-3.000	-3.000	-3.000	-3.000
Min	-0.020	-0.039	-0.039	-0.039
Average	-0.020	-0.024	-0.028	-0.022
Max	-0.020	-0.020	-0.020	-0.020
UL	3.000	3.000	3.000	3.000