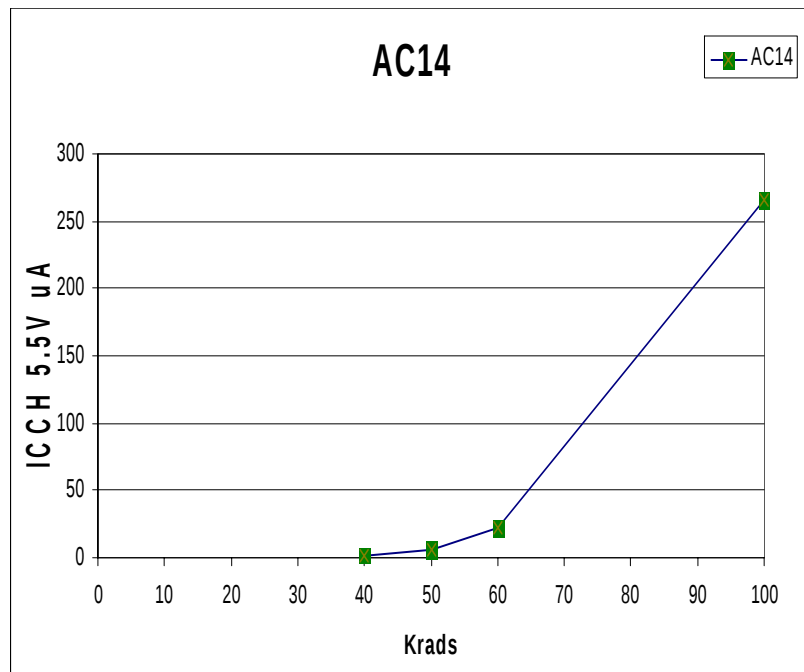
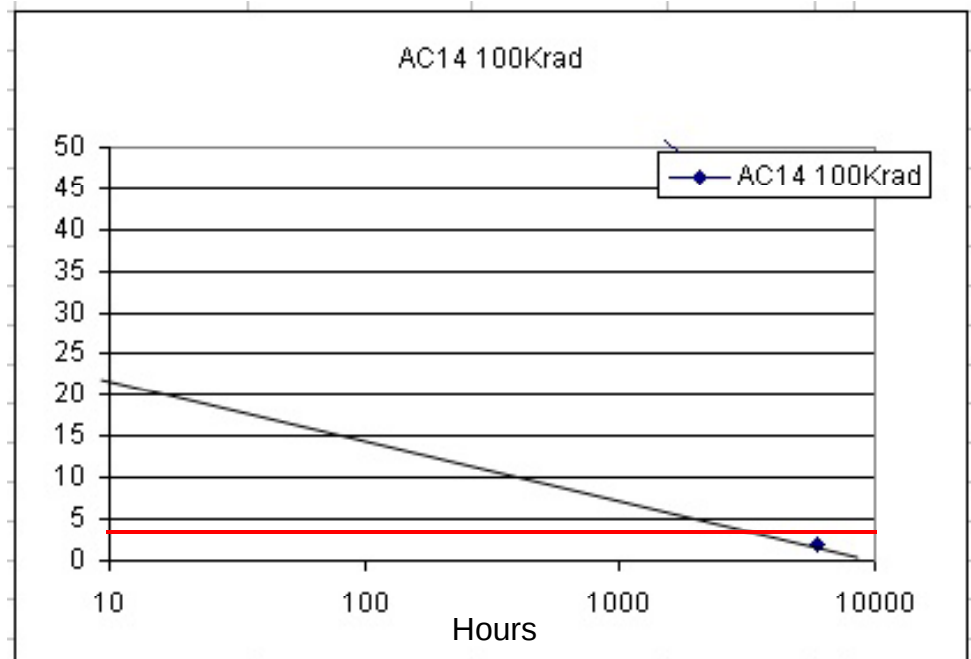


TI AC Logic Family Radiation Enhancement



HIGH DOSE RATE 71 rad/sec (si)

AC14 is fully functional at High Dose Rate to 100 Krads, but is out of ICCH current specification of 2uA.



**Per Mil Std 883G section 3.11.7
anneal test method**

Under a space environment < 2 mRad/sec AC14 will maintain data sheet specs easily to 100 Krads TID

AC Logic Family will meet 100K rad in normal Space Applications

TI Part Number	54AC00-SP
SMD Part Number	5962-8754903VCA
Device Function	Quadruple 2-Input Positive-NAND Gates
Package	J
Technology	EPIC1S
Die Lot Number	8136121
Lot Number / Date Code	8016955 / 0826A
Quantity Tested	10 devices and 5 control units. 5 devices per radiation dose rate, 5 parts to be irradiated with inputs biased.
Lot Accept/Reject	Devices passed 50krad (Si)
Radiation Facility	Radiation Assured Devices Longmire Laboratories, Colorado Springs, CO
Total Dose	50krad (Si)
Total Dose Rate	71 rad/sec (Si)
Radiation Source	Co60
Irradiation Temperature	Ambient, room temperature

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Radiation Assured Devices

Exposure Record

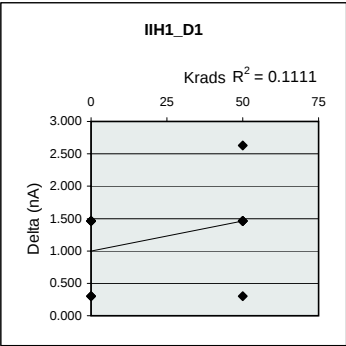
Customer:	Texas Instruments	Device Type:	AC00
Dose Rate:	69.80 rad/sec (Si)	Total Dose (krad):	50, 60, 70, 80 (5 at each level)
Quantity Irradiated:	20	Irradiation Date:	7/31/2008

Serial Number	Total Dose (krad)	Date Shipped	Comments
1	50	7/31/2008	Biased
2	50	7/31/2008	Biased
3	50	7/31/2008	Biased
4	50	7/31/2008	Biased
5	50	7/31/2008	Biased
21	0	7/31/2008	Control
22	0	7/31/2008	Control
23	0	7/31/2008	Control
24	0	7/31/2008	Control
25	0	7/31/2008	Control

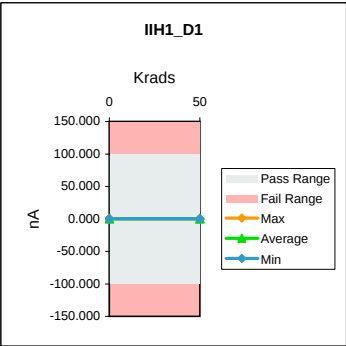
Notes: Parts were irradiated at ambient temperature (V1 = + 5.5 V). All devices were shipped by FED EX on dry ice.

TID Report 50Krad (Si)
54AC00

IIH1_D1						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	1.518	0.053	1.465	96.49%	0.73%
50	2	1.518	0.053	1.465	96.49%	0.73%
50	3	2.681	0.053	2.628	98.01%	1.31%
50	4	0.355	0.053	0.302	85.02%	0.15%
50	5	1.518	0.053	1.465	96.49%	0.73%
0	21	0.355	0.053	0.302	85.02%	0.15%
0	22	1.518	0.053	1.465	96.49%	0.73%
0	23	1.518	0.053	1.465	96.49%	0.73%
0	24	0.355	0.053	0.302	85.02%	0.15%
0	25	1.518	0.053	1.465	96.49%	0.73%
Max		2.681	0.053	2.628	98.01%	1.31%
Average		1.285	0.053	1.232	93.20%	0.62%
Min		0.355	0.053	0.302	85.02%	0.15%
Std Dev		0.735	0.000	0.735	5.67%	0.37%

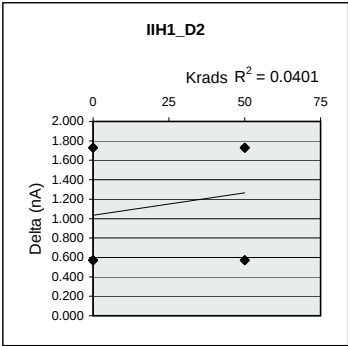


IIH1_D1		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	0.053	0.053
Average	0.053	0.053
Min	0.053	0.053
UL	100.000	100.000

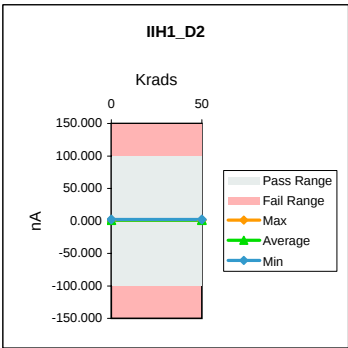


TID Report 50Krad (Si)
54AC00

IIH1_D2						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nA		nA		
Max Limit		100		100		
Min Limit		-100		-100		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.825	1.095	1.730	61.24%	0.87%
50	2	2.825	2.251	0.574	20.32%	0.29%
50	3	1.665	1.095	0.570	34.23%	0.28%
50	4	2.825	1.095	1.730	61.24%	0.87%
50	5	2.825	1.095	1.730	61.24%	0.87%
0	21	1.665	1.095	0.570	34.23%	0.28%
0	22	2.825	2.251	0.574	20.32%	0.29%
0	23	2.825	1.095	1.730	61.24%	0.87%
0	24	1.665	1.095	0.570	34.23%	0.28%
0	25	2.825	1.095	1.730	61.24%	0.87%
Max		2.825	2.251	1.730	61.24%	0.87%
Average		2.477	1.326	1.151	44.95%	0.58%
Min		1.665	1.095	0.570	20.32%	0.28%
Std Dev		0.560	0.487	0.611	17.90%	0.31%

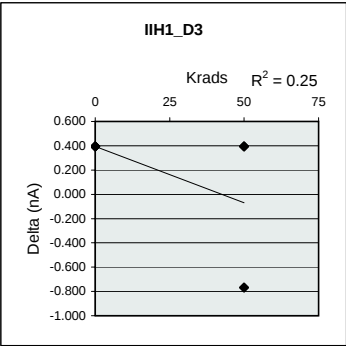


IIH1_D2		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL	-100.000	
	-100.000	
	1.095	
	1.095	
	1.326	
Average	1.326	
	1.326	
	2.251	
Min	2.251	
	2.251	
UL	100.000	
	100.000	

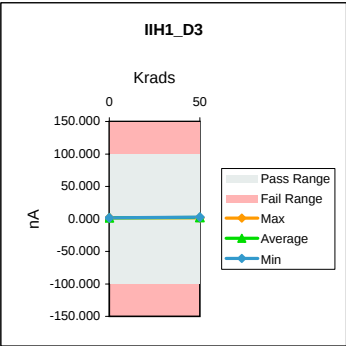


TID Report 50Krad (Si)
54AC00

IIH1_D3						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	1.967	2.736	-0.769	-39.10%	0.38%
50	2	1.967	1.572	0.395	20.08%	0.20%
50	3	1.967	1.572	0.395	20.08%	0.20%
50	4	1.967	1.572	0.395	20.08%	0.20%
50	5	1.967	2.736	-0.769	-39.10%	0.38%
0	21	1.967	1.572	0.395	20.08%	0.20%
0	22	1.967	1.572	0.395	20.08%	0.20%
0	23	1.967	1.572	0.395	20.08%	0.20%
0	24	1.967	1.572	0.395	20.08%	0.20%
0	25	1.967	1.572	0.395	20.08%	0.20%
Max		1.967	2.736	0.395	20.08%	0.38%
Average		1.967	1.805	0.162	8.25%	0.23%
Min		1.967	1.572	-0.769	-39.10%	0.20%
Std Dev		0.000	0.491	0.491	24.95%	0.08%

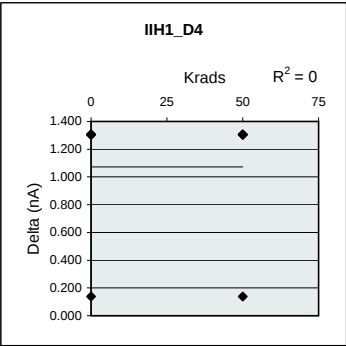


IIH1_D3		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	1.572	1.572
Average	1.572	2.038
Min	1.572	2.736
UL	100.000	100.000

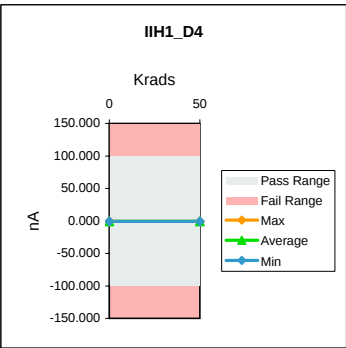


TID Report 50Krad (Si)
54AC00

IIH1_D4						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nA		nA		
Max Limit		100		100		
Min Limit		-100		-100		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	0.460	-0.844	1.304	283.44%	0.65%
50	2	0.460	-0.844	1.304	283.44%	0.65%
50	3	-0.705	-0.844	0.140	-19.80%	0.07%
50	4	0.460	-0.844	1.304	283.44%	0.65%
50	5	0.460	-0.844	1.304	283.44%	0.65%
0	21	0.460	-0.844	1.304	283.44%	0.65%
0	22	0.460	-0.844	1.304	283.44%	0.65%
0	23	0.460	-0.844	1.304	283.44%	0.65%
0	24	-0.705	-0.844	0.140	-19.80%	0.07%
0	25	0.460	-0.844	1.304	283.44%	0.65%
Max		0.460	-0.844	1.304	283.44%	0.65%
Average		0.227	-0.844	1.071	222.79%	0.54%
Min		-0.705	-0.844	0.140	-19.80%	0.07%
Std Dev		0.491	0.000	0.491	127.86%	0.25%

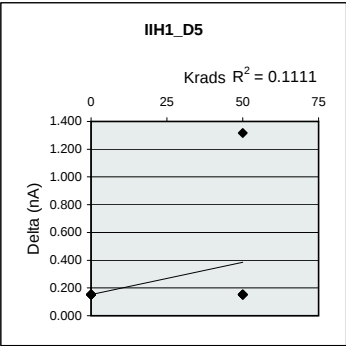


IIH1_D4		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL	-100.000	-100.000
Max	-0.844	-0.844
Average	-0.844	-0.844
Min	-0.844	-0.844
UL	100.000	100.000

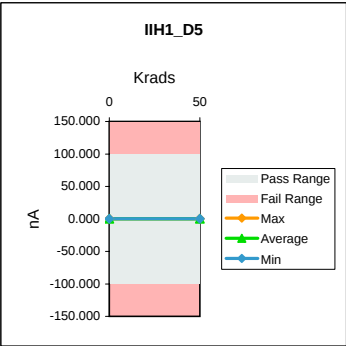


TID Report 50Krad (Si)
54AC00

IIH1_D5						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	0.622	0.470	0.153	24.57%	0.08%
50	2	1.786	0.470	1.316	73.71%	0.66%
50	3	0.622	0.470	0.153	24.57%	0.08%
50	4	0.622	0.470	0.153	24.57%	0.08%
50	5	0.622	0.470	0.153	24.57%	0.08%
0	21	0.622	0.470	0.153	24.57%	0.08%
0	22	0.622	0.470	0.153	24.57%	0.08%
0	23	0.622	0.470	0.153	24.57%	0.08%
0	24	0.622	0.470	0.153	24.57%	0.08%
0	25	0.622	0.470	0.153	24.57%	0.08%
Max		1.786	0.470	1.316	73.71%	0.66%
Average		0.739	0.470	0.269	29.49%	0.13%
Min		0.622	0.470	0.153	24.57%	0.08%
Std Dev		0.368	0.000	0.368	15.54%	0.18%

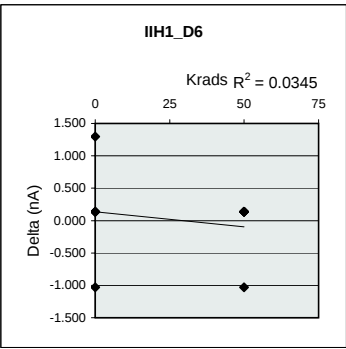


IIH1_D5		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	0.470	0.470
Average	0.470	0.470
Min	0.470	0.470
UL	100.000	100.000

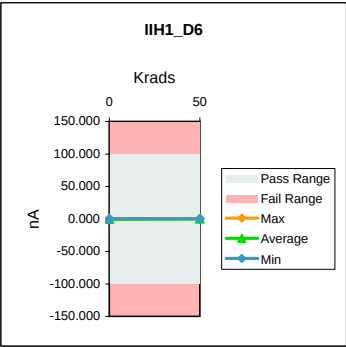


TID Report 50Krad (Si)
54AC00

IIH1_D6						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	0.405	0.270	0.135	33.23%	0.07%
50	2	-0.760	0.270	-1.030	135.55%	0.52%
50	3	0.405	0.270	0.135	33.23%	0.07%
50	4	0.405	0.270	0.135	33.23%	0.07%
50	5	0.405	0.270	0.135	33.23%	0.07%
0	21	0.405	-0.895	1.300	321.06%	0.65%
0	22	0.405	0.270	0.135	33.23%	0.07%
0	23	-0.760	-0.895	0.135	-17.71%	0.07%
0	24	-0.760	0.270	-1.030	135.55%	0.52%
0	25	0.405	0.270	0.135	33.23%	0.07%
Max		0.405	0.270	1.300	321.06%	0.65%
Average		0.055	0.037	0.018	77.38%	0.22%
Min		-0.760	-0.895	-1.030	-17.71%	0.07%
Std Dev		0.563	0.491	0.661	98.26%	0.24%

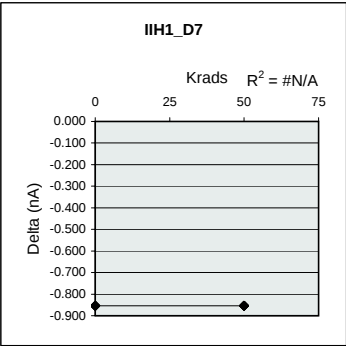


IIH1_D6		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	-0.895	0.270
Average	-0.196	0.270
Min	0.270	0.270
UL	100.000	100.000

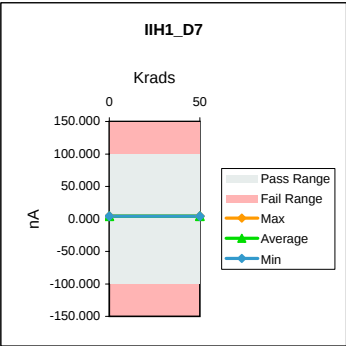


TID Report 50Krad (Si)
54AC00

IIH1_D7							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nA		nA			
Max Limit		100		100			
Min Limit		-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.520	4.374	-0.854	-24.26%	0.43%	
50	2	3.520	4.374	-0.854	-24.26%	0.43%	
50	3	3.520	4.374	-0.854	-24.26%	0.43%	
50	4	3.520	4.374	-0.854	-24.26%	0.43%	
50	5	3.520	4.374	-0.854	-24.26%	0.43%	
0	21	3.520	4.374	-0.854	-24.26%	0.43%	
0	22	3.520	4.374	-0.854	-24.26%	0.43%	
0	23	3.520	4.374	-0.854	-24.26%	0.43%	
0	24	3.520	4.374	-0.854	-24.26%	0.43%	
0	25	3.520	4.374	-0.854	-24.26%	0.43%	
Max		3.520	4.374	-0.854	-24.26%	0.43%	
Average		3.520	4.374	-0.854	-24.26%	0.43%	
Min		3.520	4.374	-0.854	-24.26%	0.43%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

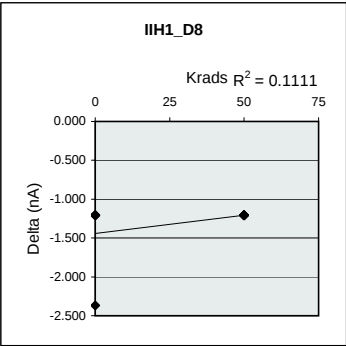


IIH1_D7		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL	-100.000	-100.000
Max	4.374	4.374
Average	4.374	4.374
Min	4.374	4.374
UL	100.000	100.000

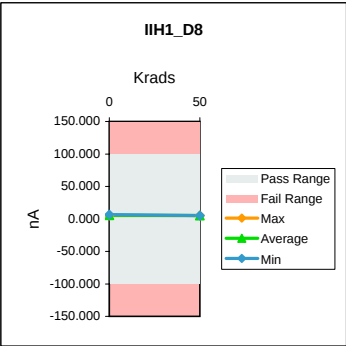


TID Report 50Krad (Si)
54AC00

IIH1_D8						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.179	5.386	-1.207	-28.88%	0.60%
50	2	4.179	5.386	-1.207	-28.88%	0.60%
50	3	4.179	5.386	-1.207	-28.88%	0.60%
50	4	4.179	5.386	-1.207	-28.88%	0.60%
50	5	4.179	5.386	-1.207	-28.88%	0.60%
0	21	4.179	5.386	-1.207	-28.88%	0.60%
0	22	4.179	6.549	-2.370	-56.71%	1.18%
0	23	4.179	5.386	-1.207	-28.88%	0.60%
0	24	4.179	5.386	-1.207	-28.88%	0.60%
0	25	4.179	5.386	-1.207	-28.88%	0.60%
Max		4.179	6.549	-1.207	-28.88%	1.18%
Average		4.179	5.502	-1.323	-31.67%	0.66%
Min		4.179	5.386	-2.370	-56.71%	0.60%
Std Dev		0.000	0.368	0.368	8.80%	0.18%

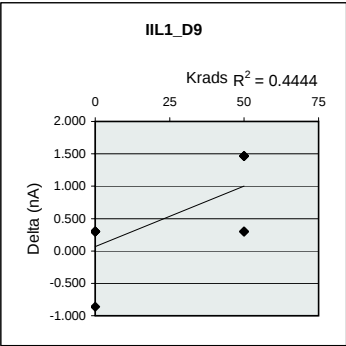


IIH1_D8		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	5.386	5.386
Average	5.619	5.386
Min	6.549	5.386
UL	100.000	100.000

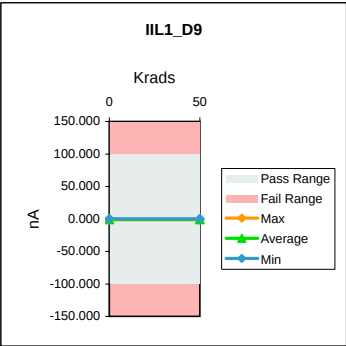


TID Report 50Krad (Si)
54AC00

IIL1_D9						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nA		nA		
Max Limit		100		100		
Min Limit		-100		-100		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-0.808	-1.110	0.302	-37.43%	0.15%
50	2	0.355	-1.110	1.465	412.39%	0.73%
50	3	0.355	0.053	0.302	85.02%	0.15%
50	4	0.355	-1.110	1.465	412.39%	0.73%
50	5	0.355	-1.110	1.465	412.39%	0.73%
0	21	-0.808	0.053	-0.861	106.59%	0.43%
0	22	-0.808	-1.110	0.302	-37.43%	0.15%
0	23	-0.808	-1.110	0.302	-37.43%	0.15%
0	24	-0.808	-1.110	0.302	-37.43%	0.15%
0	25	-0.808	-1.110	0.302	-37.43%	0.15%
Max		0.355	0.053	1.465	412.39%	0.73%
Average		-0.342	-0.877	0.535	124.16%	0.35%
Min		-0.808	-1.110	-0.861	-37.43%	0.15%
Std Dev		0.601	0.490	0.736	205.92%	0.28%

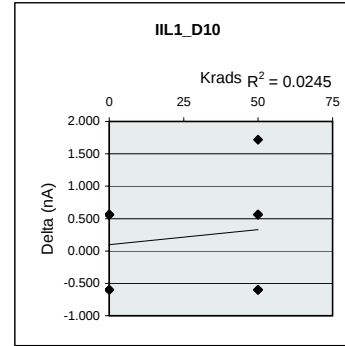


IIL1_D9		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL		-100.000 -100.000
Max		-1.110 -1.110
Average		-0.877 -0.877
Min		0.053 0.053
UL		100.000 100.000

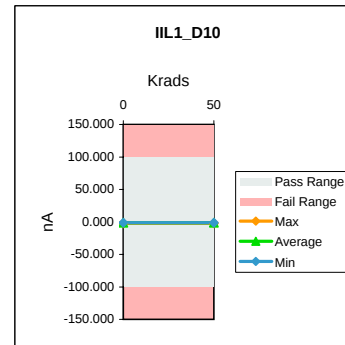


TID Report 50Krad (Si) 54AC00

IIL1_D10						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-0.655	-2.372	1.717	-262.27%	0.86%
50	2	-1.815	-1.216	-0.599	33.00%	0.30%
50	3	-0.655	-1.216	0.561	-85.72%	0.28%
50	4	-1.815	-1.216	-0.599	33.00%	0.30%
50	5	-0.655	-1.216	0.561	-85.72%	0.28%
0	21	-1.815	-1.216	-0.599	33.00%	0.30%
0	22	-0.655	-1.216	0.561	-85.72%	0.28%
0	23	-1.815	-2.372	0.557	-30.69%	0.28%
0	24	-0.655	-1.216	0.561	-85.72%	0.28%
0	25	-1.815	-1.216	-0.599	33.00%	0.30%
Max		-0.655	-1.216	1.717	33.00%	0.86%
Average		-1.235	-1.447	0.212	-50.38%	0.35%
Min		-1.815	-2.372	-0.599	-262.27%	0.28%
Std Dev		0.611	0.487	0.782	93.15%	0.18%

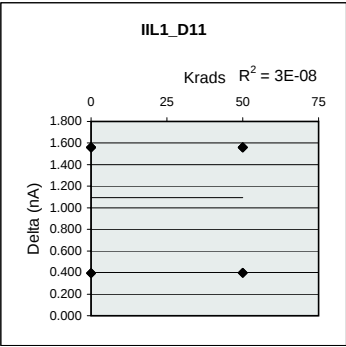


IIL1_D10		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	-2.372	-2.372
Average	-1.447	-1.447
Min	-1.216	-1.216
UL	100.000	100.000

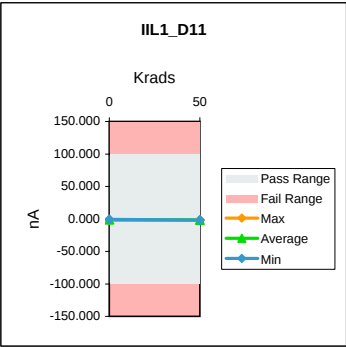


TID Report 50Krad (Si)
54AC00

IIL1_D11							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nA		nA			
Max Limit		100		100			
Min Limit		-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	-1.521	-1.917	0.396	-26.04%	0.20%	
50	2	-0.358	-1.917	1.559	-435.13%	0.78%	
50	3	-0.358	-1.917	1.559	-435.13%	0.78%	
50	4	-0.358	-1.917	1.559	-435.13%	0.78%	
50	5	-1.521	-1.917	0.396	-26.04%	0.20%	
0	21	-0.358	-0.754	0.396	-110.41%	0.20%	
0	22	-0.358	-1.917	1.559	-435.13%	0.78%	
0	23	-0.358	-0.754	0.396	-110.41%	0.20%	
0	24	-0.358	-1.917	1.559	-435.13%	0.78%	
0	25	-0.358	-1.917	1.559	-435.13%	0.78%	
Max		-0.358	-0.754	1.559	-26.04%	0.78%	
Average		-0.591	-1.684	1.094	-288.37%	0.55%	
Min		-1.521	-1.917	0.396	-435.13%	0.20%	
Std Dev		0.490	0.490	0.601	191.55%	0.30%	

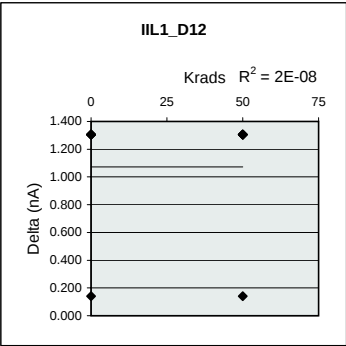


IIL1_D11		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL		-100.000 -100.000
Max		-1.917 -1.917
Average		-1.452 -1.917
Min		-0.754 -1.917
UL		100.000 100.000

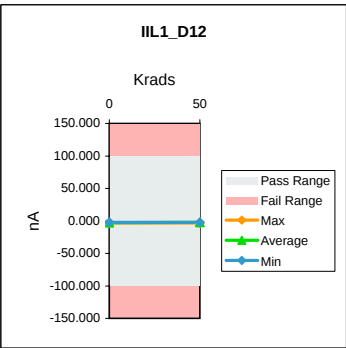


TID Report 50Krad (Si)
54AC00

IIL1_D12						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nA		nA		
Max Limit		100		100		
Min Limit		-100		-100		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-0.705	-2.010	1.305	-185.23%	0.65%
50	2	-1.870	-3.176	1.306	-69.84%	0.65%
50	3	-1.870	-2.010	0.140	-7.49%	0.07%
50	4	-0.705	-2.010	1.305	-185.23%	0.65%
50	5	-0.705	-2.010	1.305	-185.23%	0.65%
0	21	-1.870	-3.176	1.306	-69.84%	0.65%
0	22	-1.870	-3.176	1.306	-69.84%	0.65%
0	23	-1.870	-2.010	0.140	-7.49%	0.07%
0	24	-0.705	-2.010	1.305	-185.23%	0.65%
0	25	-0.705	-2.010	1.305	-185.23%	0.65%
Max		-0.705	-2.010	1.306	-7.49%	0.65%
Average		-1.287	-2.360	1.072	-115.07%	0.54%
Min		-1.870	-3.176	0.140	-185.23%	0.07%
Std Dev		0.614	0.563	0.491	77.39%	0.25%

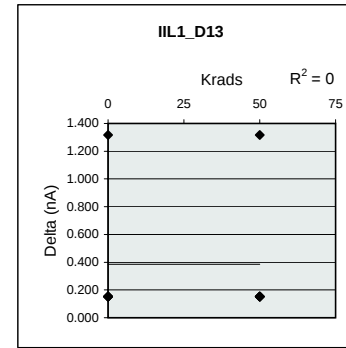


IIL1_D12		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL		-100.000 -100.000
Max		-3.176 -3.176
Average		-2.476 -2.243
Min		-2.010 -2.010
UL		100.000 100.000

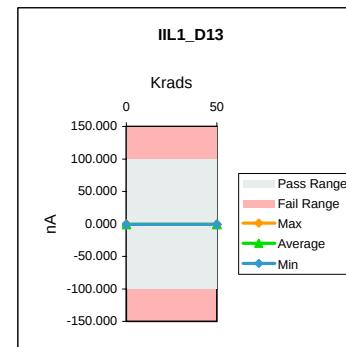


TID Report 50Krad (Si) 54AC00

IIL1_D13						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-0.541	-0.694	0.153	-28.29%	0.08%
50	2	-0.541	-0.694	0.153	-28.29%	0.08%
50	3	-0.541	-0.694	0.153	-28.29%	0.08%
50	4	0.622	-0.694	1.317	211.56%	0.66%
50	5	-0.541	-0.694	0.153	-28.29%	0.08%
0	21	-0.541	-0.694	0.153	-28.29%	0.08%
0	22	-0.541	-0.694	0.153	-28.29%	0.08%
0	23	-0.541	-0.694	0.153	-28.29%	0.08%
0	24	0.622	-0.694	1.317	211.56%	0.66%
0	25	-0.541	-0.694	0.153	-28.29%	0.08%
Max		0.622	-0.694	1.317	211.56%	0.66%
Average		-0.309	-0.694	0.386	19.68%	0.19%
Min		-0.541	-0.694	0.153	-28.29%	0.08%
Std Dev		0.491	0.000	0.491	101.13%	0.25%

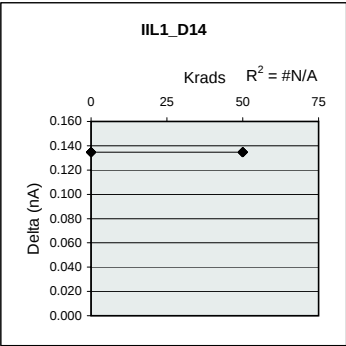


IIL1_D13		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	-0.694	-0.694
Average	-0.694	-0.694
Min	-0.694	-0.694
UL	100.000	100.000

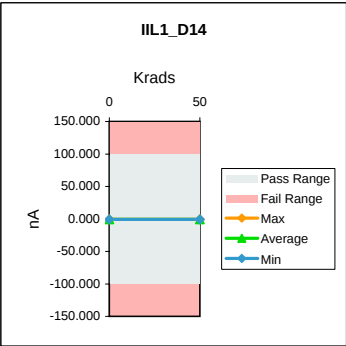


TID Report 50Krad (Si)
54AC00

IIL1_D14						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nA		nA		
Max Limit		100		100		
Min Limit		-100		-100		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-0.760	-0.895	0.135	-17.71%	0.07%
50	2	-0.760	-0.895	0.135	-17.71%	0.07%
50	3	-0.760	-0.895	0.135	-17.71%	0.07%
50	4	-0.760	-0.895	0.135	-17.71%	0.07%
50	5	-0.760	-0.895	0.135	-17.71%	0.07%
0	21	-0.760	-0.895	0.135	-17.71%	0.07%
0	22	-0.760	-0.895	0.135	-17.71%	0.07%
0	23	-0.760	-0.895	0.135	-17.71%	0.07%
0	24	-0.760	-0.895	0.135	-17.71%	0.07%
0	25	-0.760	-0.895	0.135	-17.71%	0.07%
Max		-0.760	-0.895	0.135	-17.71%	0.07%
Average		-0.760	-0.895	0.135	-17.71%	0.07%
Min		-0.760	-0.895	0.135	-17.71%	0.07%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

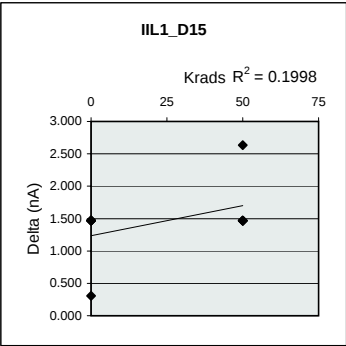


IIL1_D14		
Test Site		Sherman, Tx
Tester		IM581
Test Number		52030007
Max Limit		100 nA
Min Limit		-100 nA
Krads		0 50
LL	-100.000	-100.000
Max	-0.895	-0.895
Average	-0.895	-0.895
Min	-0.895	-0.895
UL	100.000	100.000

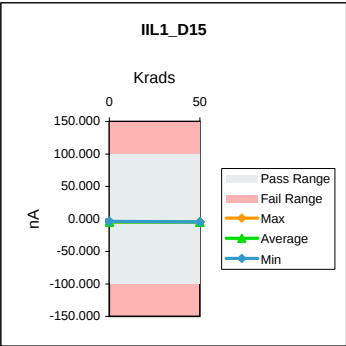


TID Report 50Krad (Si)
54AC00

IIL1_D15						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-3.455	-4.925	1.470	-42.55%	0.74%
50	2	-3.455	-4.925	1.470	-42.55%	0.74%
50	3	-3.455	-4.925	1.470	-42.55%	0.74%
50	4	-2.292	-4.925	2.633	-114.88%	1.32%
50	5	-3.455	-4.925	1.470	-42.55%	0.74%
0	21	-3.455	-4.925	1.470	-42.55%	0.74%
0	22	-2.292	-3.763	1.471	-64.18%	0.74%
0	23	-3.455	-3.763	0.308	-8.91%	0.15%
0	24	-3.455	-4.925	1.470	-42.55%	0.74%
0	25	-3.455	-4.925	1.470	-42.55%	0.74%
Max		-2.292	-3.763	2.633	-8.91%	1.32%
Average		-3.222	-4.693	1.470	-48.58%	0.74%
Min		-3.455	-4.925	0.308	-114.88%	0.15%
Std Dev		0.490	0.490	0.548	26.81%	0.27%

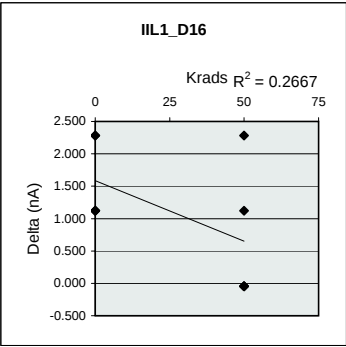


IIL1_D15		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	-4.925	-4.925
Average	-4.460	-4.925
Min	-3.763	-4.925
UL	100.000	100.000

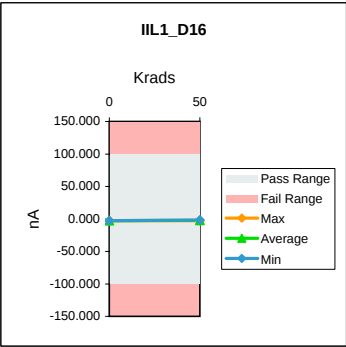


TID Report 50Krad (Si)
54AC00

IIL1_D16						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nA		nA			
Max Limit	100		100			
Min Limit	-100		-100			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	-1.635	-2.754	1.119	-68.44%	0.56%
50	2	-1.635	-1.591	-0.044	2.69%	0.02%
50	3	-1.635	-1.591	-0.044	2.69%	0.02%
50	4	-1.635	-1.591	-0.044	2.69%	0.02%
50	5	-0.473	-2.754	2.281	-482.70%	1.14%
0	21	-1.635	-2.754	1.119	-68.44%	0.56%
0	22	-0.473	-2.754	2.281	-482.70%	1.14%
0	23	-1.635	-2.754	1.119	-68.44%	0.56%
0	24	-1.635	-2.754	1.119	-68.44%	0.56%
0	25	-0.473	-2.754	2.281	-482.70%	1.14%
Max		-0.473	-1.591	2.281	2.69%	1.14%
Average		-1.286	-2.405	1.119	-171.38%	0.57%
Min		-1.635	-2.754	-0.044	-482.70%	0.02%
Std Dev		0.561	0.562	0.949	217.06%	0.46%

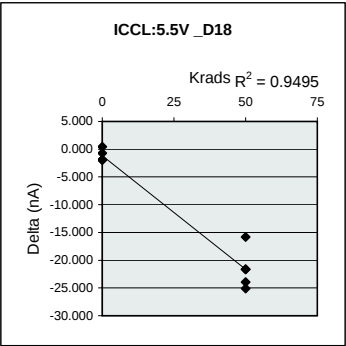


IIL1_D16		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	100	nA
Min Limit	-100	nA
Krads	0	50
LL	-100.000	-100.000
Max	-2.754	-2.754
Average	-2.754	-2.056
Min	-2.754	-1.591
UL	100.000	100.000

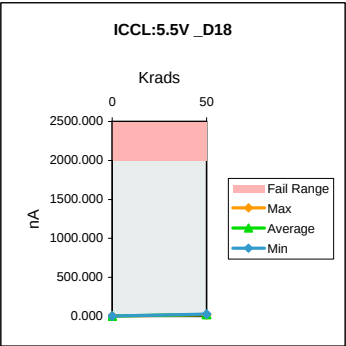


TID Report 50Krad (Si)
54AC00

ICCL:5.5V_D18							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nA		nA			
Max Limit		2000		2000			
Min Limit							
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.828	24.458	-21.630	-764.85%	1.08%	
50	2	2.828	18.653	-15.825	-559.58%	0.79%	
50	3	3.990	25.619	-21.629	-542.08%	1.08%	
50	4	3.990	29.101	-25.111	-629.35%	1.26%	
50	5	2.828	26.779	-23.951	-846.92%	1.20%	
0	21	2.828	3.561	-0.733	-25.92%	0.04%	
0	22	2.828	4.721	-1.893	-66.94%	0.09%	
0	23	2.828	4.721	-1.893	-66.94%	0.09%	
0	24	2.828	4.721	-1.893	-66.94%	0.09%	
0	25	3.990	3.561	0.429	10.75%	0.02%	
Max		3.990	29.101	0.429	10.75%	1.26%	
Average		3.177	14.589	-11.413	-355.88%	0.57%	
Min		2.828	3.561	-25.111	-846.92%	0.02%	
Std Dev		0.561	11.206	11.052	342.07%	0.55%	

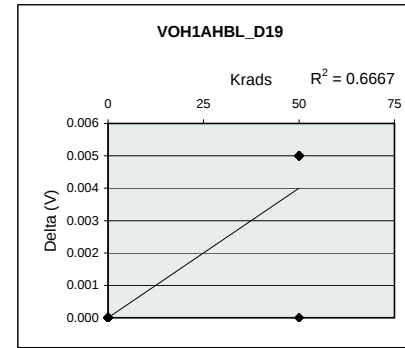


ICCL:5.5V_D18		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads		
LL		
Max		
Average		
Min		
UL		

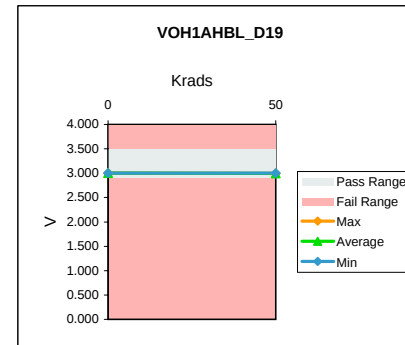


TID Report 50Krad (Si) 54AC00

VOH1AHBL_D19							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.000	3.000	0.000	0.00%	0.00%	
50	2	3.000	2.995	0.005	0.17%	0.83%	
50	3	3.000	2.995	0.005	0.17%	0.83%	
50	4	3.000	2.995	0.005	0.17%	0.83%	
50	5	3.000	2.995	0.005	0.17%	0.83%	
0	21	3.000	3.000	0.000	0.00%	0.00%	
0	22	3.000	3.000	0.000	0.00%	0.00%	
0	23	3.000	3.000	0.000	0.00%	0.00%	
0	24	3.000	3.000	0.000	0.00%	0.00%	
0	25	3.000	3.000	0.000	0.00%	0.00%	
Max		3.000	3.000	0.005	0.17%	0.83%	
Average		3.000	2.998	0.002	0.07%	0.33%	
Min		3.000	2.995	0.000	0.00%	0.00%	
Std Dev		0.000	0.003	0.003	0.09%	0.43%	

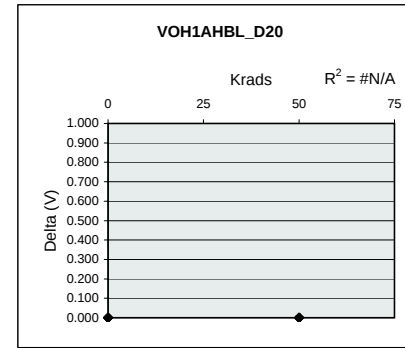


VOH1AHBL_D19		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	3.000	2.995
Average	3.000	2.996
Min	3.000	3.000
UL	3.500	3.500

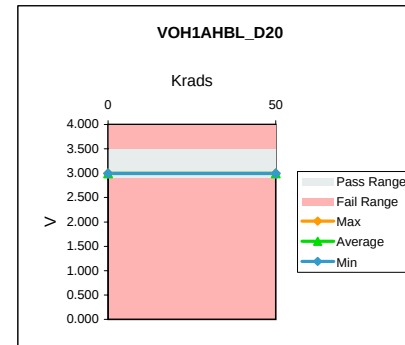


TID Report 50Krad (Si) 54AC00

VOH1AHBL_D20							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	2.998	0.000	0.00%	0.00%	
50	2	2.998	2.998	0.000	0.00%	0.00%	
50	3	2.998	2.998	0.000	0.00%	0.00%	
50	4	2.998	2.998	0.000	0.00%	0.00%	
50	5	2.998	2.998	0.000	0.00%	0.00%	
0	21	2.998	2.998	0.000	0.00%	0.00%	
0	22	2.998	2.998	0.000	0.00%	0.00%	
0	23	2.998	2.998	0.000	0.00%	0.00%	
0	24	2.998	2.998	0.000	0.00%	0.00%	
0	25	2.998	2.998	0.000	0.00%	0.00%	
Max		2.998	2.998	0.000	0.00%	0.00%	
Average		2.998	2.998	0.000	0.00%	0.00%	
Min		2.998	2.998	0.000	0.00%	0.00%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

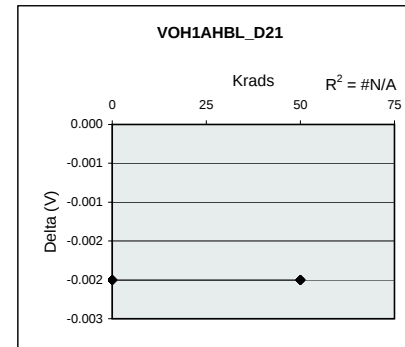


VOH1AHBL_D20		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	2.998	2.998
Average	2.998	2.998
Min	2.998	2.998
UL	3.500	3.500

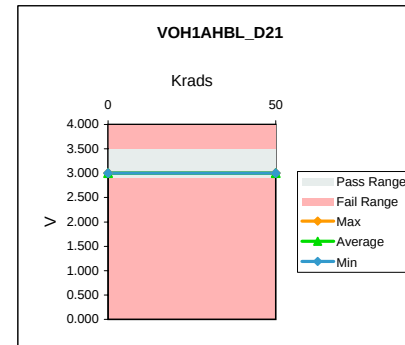


TID Report 50Krad (Si) 54AC00

VOH1AHBL_D21							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	3.000	-0.002	-0.07%	0.33%	
50	2	2.998	3.000	-0.002	-0.07%	0.33%	
50	3	2.998	3.000	-0.002	-0.07%	0.33%	
50	4	2.998	3.000	-0.002	-0.07%	0.33%	
50	5	2.998	3.000	-0.002	-0.07%	0.33%	
0	21	2.998	3.000	-0.002	-0.07%	0.33%	
0	22	2.998	3.000	-0.002	-0.07%	0.33%	
0	23	2.998	3.000	-0.002	-0.07%	0.33%	
0	24	2.998	3.000	-0.002	-0.07%	0.33%	
0	25	2.998	3.000	-0.002	-0.07%	0.33%	
Max		2.998	3.000	-0.002	-0.07%	0.33%	
Average		2.998	3.000	-0.002	-0.07%	0.33%	
Min		2.998	3.000	-0.002	-0.07%	0.33%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

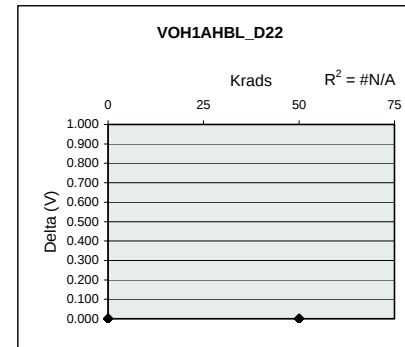


VOH1AHBL_D21		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	3.000	3.000
Average	3.000	3.000
Min	3.000	3.000
UL	3.500	3.500

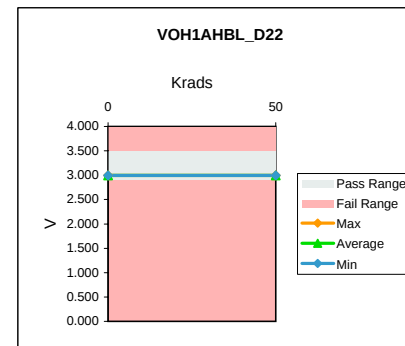


TID Report 50Krad (Si) 54AC00

VOH1AHBL_D22							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	2.998	0.000	0.00%	0.00%	
50	2	2.998	2.998	0.000	0.00%	0.00%	
50	3	2.998	2.998	0.000	0.00%	0.00%	
50	4	2.998	2.998	0.000	0.00%	0.00%	
50	5	2.998	2.998	0.000	0.00%	0.00%	
0	21	2.998	2.998	0.000	0.00%	0.00%	
0	22	2.998	2.998	0.000	0.00%	0.00%	
0	23	2.998	2.998	0.000	0.00%	0.00%	
0	24	2.998	2.998	0.000	0.00%	0.00%	
0	25	2.998	2.998	0.000	0.00%	0.00%	
Max		2.998	2.998	0.000	0.00%	0.00%	
Average		2.998	2.998	0.000	0.00%	0.00%	
Min		2.998	2.998	0.000	0.00%	0.00%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

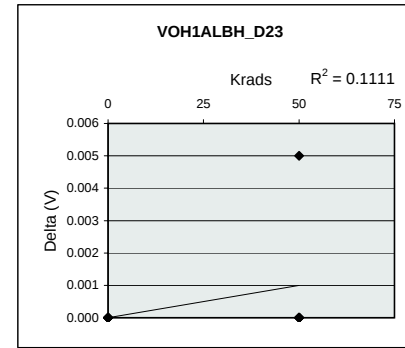


VOH1AHBL_D22		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	2.998	2.998
Average	2.998	2.998
Min	2.998	2.998
UL	3.500	3.500

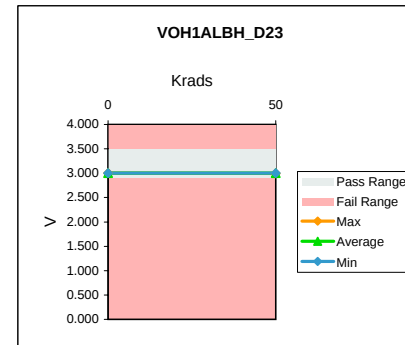


TID Report 50Krad (Si) 54AC00

VOH1ALBH_D23							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.000	2.995	0.005	0.17%	0.83%	
50	2	3.000	3.000	0.000	0.00%	0.00%	
50	3	3.000	3.000	0.000	0.00%	0.00%	
50	4	3.000	3.000	0.000	0.00%	0.00%	
50	5	3.000	3.000	0.000	0.00%	0.00%	
0	21	3.000	3.000	0.000	0.00%	0.00%	
0	22	3.000	3.000	0.000	0.00%	0.00%	
0	23	3.000	3.000	0.000	0.00%	0.00%	
0	24	3.000	3.000	0.000	0.00%	0.00%	
0	25	3.000	3.000	0.000	0.00%	0.00%	
Max		3.000	3.000	0.005	0.17%	0.83%	
Average		3.000	2.999	0.001	0.02%	0.08%	
Min		3.000	2.995	0.000	0.00%	0.00%	
Std Dev		0.000	0.002	0.002	0.05%	0.26%	

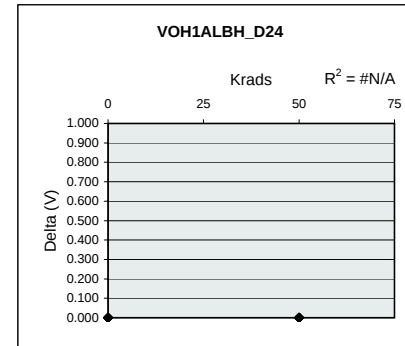


VOH1ALBH_D23		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	3.000	2.995
Average	3.000	2.999
Min	3.000	3.000
UL	3.500	3.500

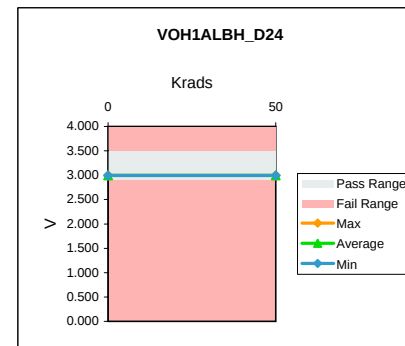


TID Report 50Krad (Si) 54AC00

VOH1ALBH_D24							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	2.998	0.000	0.00%	0.00%	
50	2	2.998	2.998	0.000	0.00%	0.00%	
50	3	2.998	2.998	0.000	0.00%	0.00%	
50	4	2.998	2.998	0.000	0.00%	0.00%	
50	5	2.998	2.998	0.000	0.00%	0.00%	
0	21	2.998	2.998	0.000	0.00%	0.00%	
0	22	2.998	2.998	0.000	0.00%	0.00%	
0	23	2.998	2.998	0.000	0.00%	0.00%	
0	24	2.998	2.998	0.000	0.00%	0.00%	
0	25	2.998	2.998	0.000	0.00%	0.00%	
Max		2.998	2.998	0.000	0.00%	0.00%	
Average		2.998	2.998	0.000	0.00%	0.00%	
Min		2.998	2.998	0.000	0.00%	0.00%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

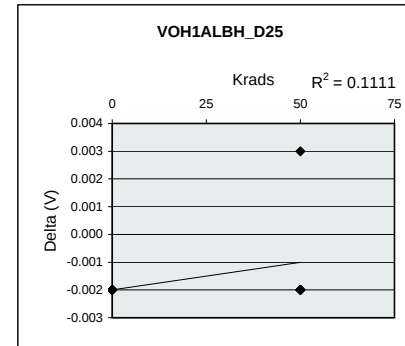


VOH1ALBH_D24		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	2.998	2.998
Average	2.998	2.998
Min	2.998	2.998
UL	3.500	3.500

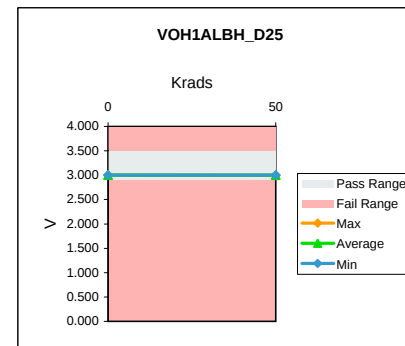


TID Report 50Krad (Si) 54AC00

VOH1ALBH_D25							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	3.000	-0.002	-0.07%	0.33%	
50	2	2.998	3.000	-0.002	-0.07%	0.33%	
50	3	2.998	3.000	-0.002	-0.07%	0.33%	
50	4	2.998	3.000	-0.002	-0.07%	0.33%	
50	5	2.998	2.995	0.003	0.10%	0.50%	
0	21	2.998	3.000	-0.002	-0.07%	0.33%	
0	22	2.998	3.000	-0.002	-0.07%	0.33%	
0	23	2.998	3.000	-0.002	-0.07%	0.33%	
0	24	2.998	3.000	-0.002	-0.07%	0.33%	
0	25	2.998	3.000	-0.002	-0.07%	0.33%	
Max		2.998	3.000	0.003	0.10%	0.50%	
Average		2.998	2.999	-0.002	-0.05%	0.35%	
Min		2.998	2.995	-0.002	-0.07%	0.33%	
Std Dev		0.000	0.002	0.002	0.05%	0.05%	

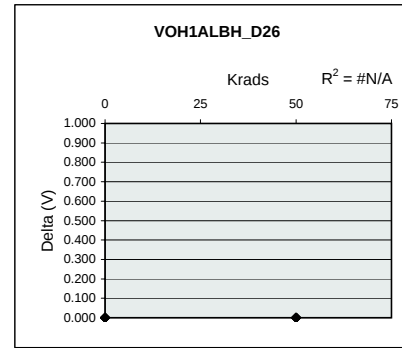


VOH1ALBH_D25		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	3.000	2.995
Average	3.000	2.999
Min	3.000	3.000
UL	3.500	3.500

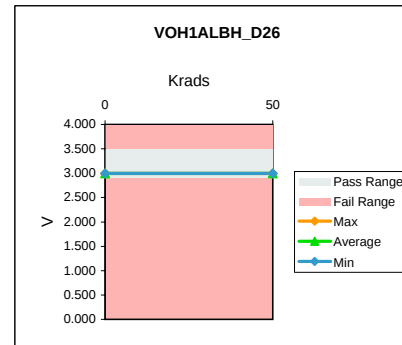


TID Report 50Krad (Si) 54AC00

VOH1ALBH_D26							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.9		2.9				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.998	2.998	0.000	0.00%	0.00%	
50	2	2.998	2.998	0.000	0.00%	0.00%	
50	3	2.998	2.998	0.000	0.00%	0.00%	
50	4	2.998	2.998	0.000	0.00%	0.00%	
50	5	2.998	2.998	0.000	0.00%	0.00%	
0	21	2.998	2.998	0.000	0.00%	0.00%	
0	22	2.998	2.998	0.000	0.00%	0.00%	
0	23	2.998	2.998	0.000	0.00%	0.00%	
0	24	2.998	2.998	0.000	0.00%	0.00%	
0	25	2.998	2.998	0.000	0.00%	0.00%	
Max		2.998	2.998	0.000	0.00%	0.00%	
Average		2.998	2.998	0.000	0.00%	0.00%	
Min		2.998	2.998	0.000	0.00%	0.00%	
Std Dev		0.000	0.000	0.000	0.00%	0.00%	

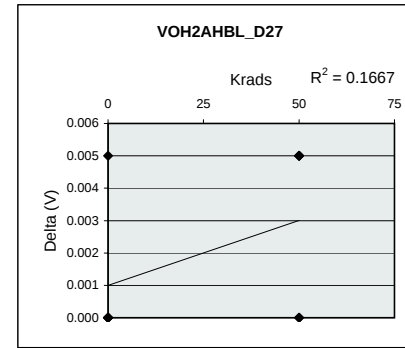


VOH1ALBH_D26		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.9	V
Krads	0	50
LL	2.900	2.900
Max	2.998	2.998
Average	2.998	2.998
Min	2.998	2.998
UL	3.500	3.500

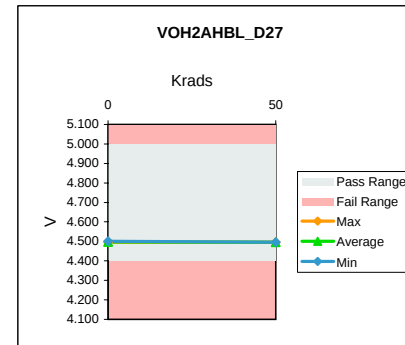


TID Report 50Krad (Si) 54AC00

VOH2AHBL_D27							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		V		V			
Max Limit		5		5			
Min Limit		4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.500	4.495	0.005	0.11%	0.83%	
50	2	4.500	4.495	0.005	0.11%	0.83%	
50	3	4.495	4.495	0.000	0.00%	0.00%	
50	4	4.500	4.495	0.005	0.11%	0.83%	
50	5	4.495	4.495	0.000	0.00%	0.00%	
0	21	4.495	4.495	0.000	0.00%	0.00%	
0	22	4.500	4.500	0.000	0.00%	0.00%	
0	23	4.500	4.495	0.005	0.11%	0.83%	
0	24	4.500	4.500	0.000	0.00%	0.00%	
0	25	4.500	4.500	0.000	0.00%	0.00%	
Max		4.500	4.500	0.005	0.11%	0.83%	
Average		4.498	4.496	0.002	0.04%	0.33%	
Min		4.495	4.495	0.000	0.00%	0.00%	
Std Dev		0.002	0.002	0.003	0.06%	0.43%	

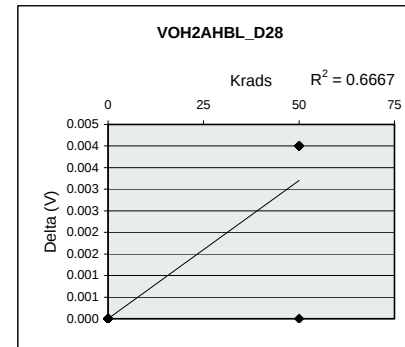


VOH2AHBL_D27		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	4.400	4.400
Max	4.495	4.495
Average	4.498	4.495
Min	4.500	4.495
UL	5.000	5.000

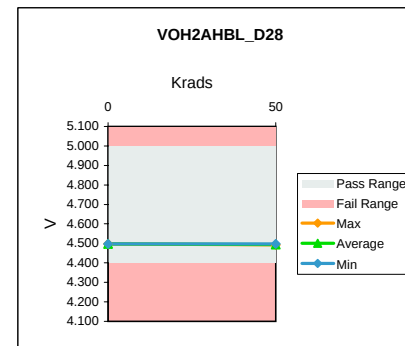


TID Report 50Krad (Si) 54AC00

VOH2AHBL_D28						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.497	4.493	0.004	0.09%	0.67%
50	2	4.497	4.497	0.000	0.00%	0.00%
50	3	4.497	4.493	0.004	0.09%	0.67%
50	4	4.497	4.493	0.004	0.09%	0.67%
50	5	4.497	4.493	0.004	0.09%	0.67%
0	21	4.497	4.497	0.000	0.00%	0.00%
0	22	4.497	4.497	0.000	0.00%	0.00%
0	23	4.497	4.497	0.000	0.00%	0.00%
0	24	4.497	4.497	0.000	0.00%	0.00%
0	25	4.497	4.497	0.000	0.00%	0.00%
Max		4.497	4.497	0.004	0.09%	0.67%
Average		4.497	4.495	0.002	0.04%	0.27%
Min		4.497	4.493	0.000	0.00%	0.00%
Std Dev		0.000	0.002	0.002	0.05%	0.34%

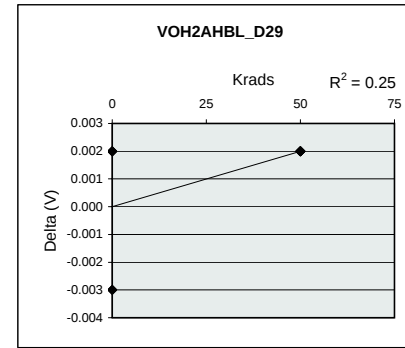


VOH2AHBL_D28		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.497	4.493
Average	4.497	4.494
Min	4.497	4.497
UL	5.000	5.000

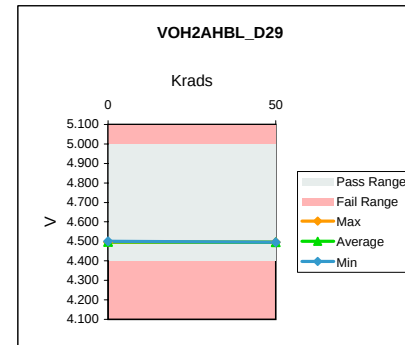


TID Report 50Krad (Si) 54AC00

VOH2AHBL_D29						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.497	4.495	0.002	0.04%	0.33%
50	2	4.497	4.495	0.002	0.04%	0.33%
50	3	4.497	4.495	0.002	0.04%	0.33%
50	4	4.497	4.495	0.002	0.04%	0.33%
50	5	4.497	4.495	0.002	0.04%	0.33%
0	21	4.497	4.495	0.002	0.04%	0.33%
0	22	4.497	4.495	0.002	0.04%	0.33%
0	23	4.497	4.500	-0.003	-0.07%	0.50%
0	24	4.497	4.495	0.002	0.04%	0.33%
0	25	4.497	4.500	-0.003	-0.07%	0.50%
Max		4.497	4.500	0.002	0.04%	0.50%
Average		4.497	4.496	0.001	0.02%	0.37%
Min		4.497	4.495	-0.003	-0.07%	0.33%
Std Dev		0.000	0.002	0.002	0.05%	0.07%

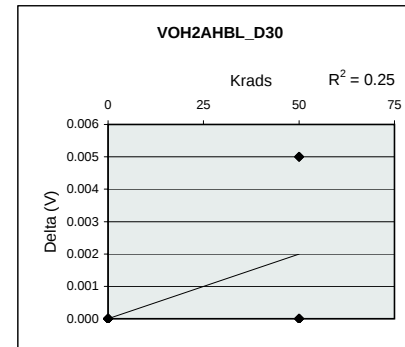


VOH2AHBL_D29		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.495	4.495
Average	4.497	4.495
Min	4.500	4.495
UL	5.000	5.000

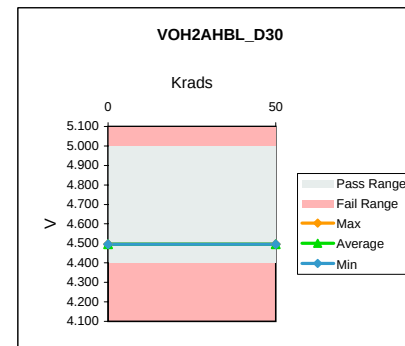


TID Report 50Krad (Si) 54AC00

VOH2AHBL_D30						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.496	4.496	0.000	0.00%	0.00%
50	2	4.496	4.496	0.000	0.00%	0.00%
50	3	4.501	4.496	0.005	0.11%	0.83%
50	4	4.496	4.496	0.000	0.00%	0.00%
50	5	4.501	4.496	0.005	0.11%	0.83%
0	21	4.496	4.496	0.000	0.00%	0.00%
0	22	4.496	4.496	0.000	0.00%	0.00%
0	23	4.496	4.496	0.000	0.00%	0.00%
0	24	4.496	4.496	0.000	0.00%	0.00%
0	25	4.496	4.496	0.000	0.00%	0.00%
Max		4.501	4.496	0.005	0.11%	0.83%
Average		4.497	4.496	0.001	0.02%	0.17%
Min		4.496	4.496	0.000	0.00%	0.00%
Std Dev		0.002	0.000	0.002	0.05%	0.35%

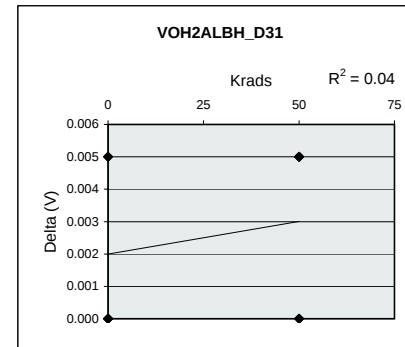


VOH2AHBL_D30		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.496	4.496
Average	4.496	4.496
Min	4.496	4.496
UL	5.000	5.000

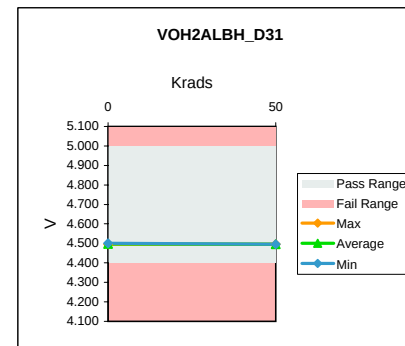


TID Report 50Krad (Si) 54AC00

VOH2ALBH_D31						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.500	4.495	0.005	0.11%	0.83%
50	2	4.500	4.495	0.005	0.11%	0.83%
50	3	4.495	4.495	0.000	0.00%	0.00%
50	4	4.500	4.495	0.005	0.11%	0.83%
50	5	4.495	4.495	0.000	0.00%	0.00%
0	21	4.500	4.500	0.000	0.00%	0.00%
0	22	4.500	4.500	0.000	0.00%	0.00%
0	23	4.500	4.495	0.005	0.11%	0.83%
0	24	4.500	4.495	0.005	0.11%	0.83%
0	25	4.500	4.500	0.000	0.00%	0.00%
Max		4.500	4.500	0.005	0.11%	0.83%
Average		4.499	4.496	0.003	0.06%	0.42%
Min		4.495	4.495	0.000	0.00%	0.00%
Std Dev		0.002	0.002	0.003	0.06%	0.44%

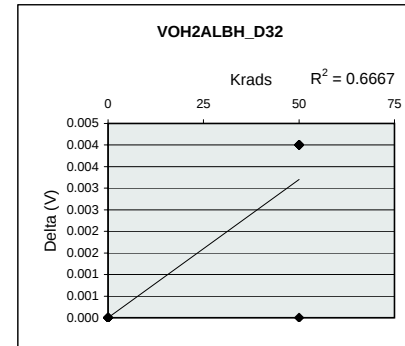


VOH2ALBH_D31		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.495	4.495
Average	4.498	4.495
Min	4.500	4.495
UL	5.000	5.000

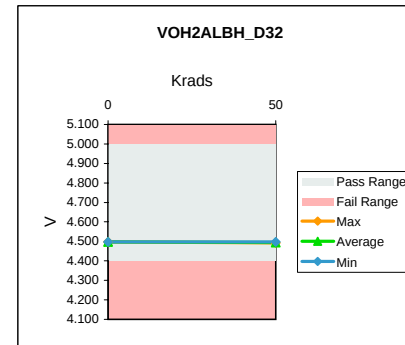


TID Report 50Krad (Si) 54AC00

VOH2ALBH_D32						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.497	4.493	0.004	0.09%	0.67%
50	2	4.497	4.497	0.000	0.00%	0.00%
50	3	4.497	4.493	0.004	0.09%	0.67%
50	4	4.497	4.493	0.004	0.09%	0.67%
50	5	4.497	4.493	0.004	0.09%	0.67%
0	21	4.497	4.497	0.000	0.00%	0.00%
0	22	4.497	4.497	0.000	0.00%	0.00%
0	23	4.497	4.497	0.000	0.00%	0.00%
0	24	4.497	4.497	0.000	0.00%	0.00%
0	25	4.497	4.497	0.000	0.00%	0.00%
Max		4.497	4.497	0.004	0.09%	0.67%
Average		4.497	4.495	0.002	0.04%	0.27%
Min		4.497	4.493	0.000	0.00%	0.00%
Std Dev		0.000	0.002	0.002	0.05%	0.34%

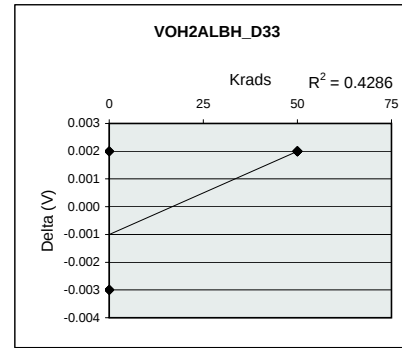


VOH2ALBH_D32		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.497	4.493
Average	4.497	4.494
Min	4.497	4.497
UL	5.000	5.000

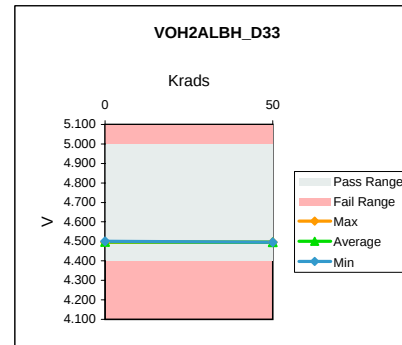


TID Report 50Krad (Si) 54AC00

VOH2ALBH_D33						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.497	4.495	0.002	0.04%	0.33%
50	2	4.497	4.495	0.002	0.04%	0.33%
50	3	4.497	4.495	0.002	0.04%	0.33%
50	4	4.497	4.495	0.002	0.04%	0.33%
50	5	4.497	4.495	0.002	0.04%	0.33%
0	21	4.497	4.495	0.002	0.04%	0.33%
0	22	4.497	4.495	0.002	0.04%	0.33%
0	23	4.497	4.500	-0.003	-0.07%	0.50%
0	24	4.497	4.500	-0.003	-0.07%	0.50%
0	25	4.497	4.500	-0.003	-0.07%	0.50%
Max		4.497	4.500	0.002	0.04%	0.50%
Average		4.497	4.496	0.001	0.01%	0.38%
Min		4.497	4.495	-0.003	-0.07%	0.33%
Std Dev		0.000	0.002	0.002	0.05%	0.08%

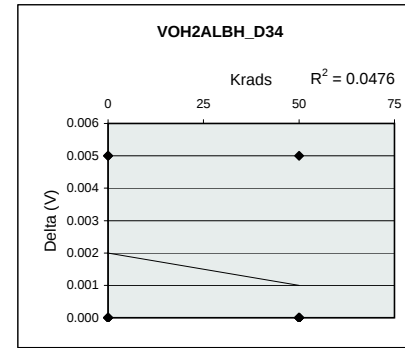


VOH2ALBH_D33		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.495	4.495
Average	4.498	4.495
Min	4.500	4.495
UL	5.000	5.000

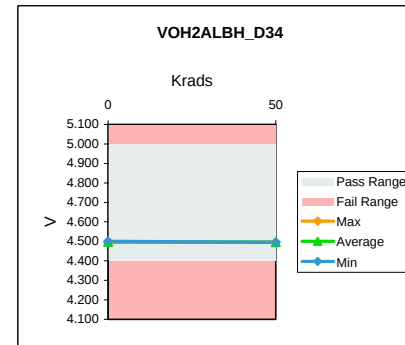


TID Report 50Krad (Si) 54AC00

VOH2ALBH_D34						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	4.4		4.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.496	4.496	0.000	0.00%	0.00%
50	2	4.496	4.496	0.000	0.00%	0.00%
50	3	4.496	4.496	0.000	0.00%	0.00%
50	4	4.501	4.496	0.005	0.11%	0.83%
50	5	4.496	4.496	0.000	0.00%	0.00%
0	21	4.496	4.496	0.000	0.00%	0.00%
0	22	4.501	4.496	0.005	0.11%	0.83%
0	23	4.501	4.496	0.005	0.11%	0.83%
0	24	4.501	4.501	0.000	0.00%	0.00%
0	25	4.496	4.496	0.000	0.00%	0.00%
Max		4.501	4.501	0.005	0.11%	0.83%
Average		4.498	4.496	0.002	0.03%	0.25%
Min		4.496	4.496	0.000	0.00%	0.00%
Std Dev		0.003	0.002	0.002	0.05%	0.40%

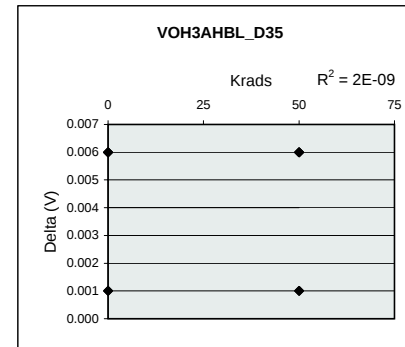


VOH2ALBH_D34		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	4.4	V
Krads	0	50
LL	4.400	4.400
Max	4.496	4.496
Average	4.497	4.496
Min	4.501	4.496
UL	5.000	5.000

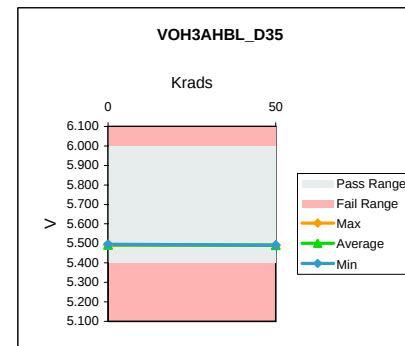


TID Report 50Krad (Si) 54AC00

VOH3AHBL_D35						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.492	5.491	0.001	0.02%	0.17%
50	2	5.497	5.491	0.006	0.11%	1.00%
50	3	5.497	5.491	0.006	0.11%	1.00%
50	4	5.492	5.491	0.001	0.02%	0.17%
50	5	5.497	5.491	0.006	0.11%	1.00%
0	21	5.497	5.491	0.006	0.11%	1.00%
0	22	5.497	5.496	0.001	0.02%	0.17%
0	23	5.497	5.496	0.001	0.02%	0.17%
0	24	5.497	5.491	0.006	0.11%	1.00%
0	25	5.497	5.491	0.006	0.11%	1.00%
Max		5.497	5.496	0.006	0.11%	1.00%
Average		5.496	5.492	0.004	0.07%	0.67%
Min		5.492	5.491	0.001	0.02%	0.17%
Std Dev		0.002	0.002	0.003	0.05%	0.43%

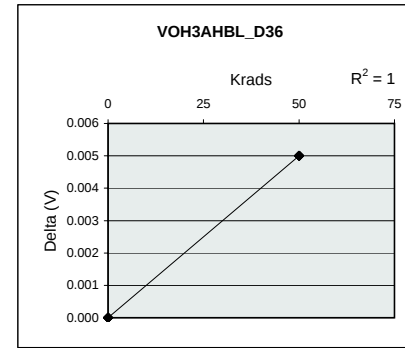


VOH3AHBL_D35		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.491	5.491
Average	5.493	5.491
Min	5.496	5.491
UL	6.000	6.000

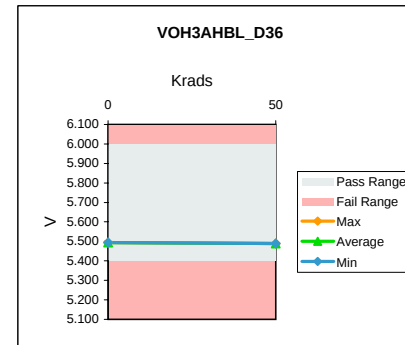


TID Report 50Krad (Si) 54AC00

VOH3AHBL_D36						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.494	5.489	0.005	0.09%	0.83%
50	2	5.494	5.489	0.005	0.09%	0.83%
50	3	5.494	5.489	0.005	0.09%	0.83%
50	4	5.494	5.489	0.005	0.09%	0.83%
50	5	5.494	5.489	0.005	0.09%	0.83%
0	21	5.494	5.494	0.000	0.00%	0.00%
0	22	5.494	5.494	0.000	0.00%	0.00%
0	23	5.494	5.494	0.000	0.00%	0.00%
0	24	5.494	5.494	0.000	0.00%	0.00%
0	25	5.494	5.494	0.000	0.00%	0.00%
Max		5.494	5.494	0.005	0.09%	0.83%
Average		5.494	5.491	0.003	0.05%	0.42%
Min		5.494	5.489	0.000	0.00%	0.00%
Std Dev		0.000	0.003	0.003	0.05%	0.44%

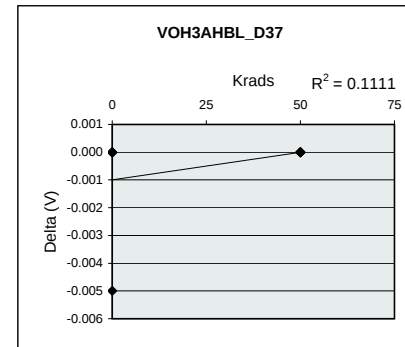


VOH3AHBL_D36		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.494	5.489
Average	5.494	5.489
Min	5.494	5.489
UL	6.000	6.000

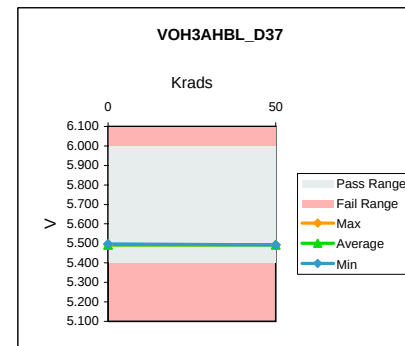


TID Report 50Krad (Si) 54AC00

VOH3AHBL_D37						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.492	5.492	0.000	0.00%	0.00%
50	2	5.492	5.492	0.000	0.00%	0.00%
50	3	5.492	5.492	0.000	0.00%	0.00%
50	4	5.492	5.492	0.000	0.00%	0.00%
50	5	5.492	5.492	0.000	0.00%	0.00%
0	21	5.492	5.492	0.000	0.00%	0.00%
0	22	5.492	5.492	0.000	0.00%	0.00%
0	23	5.492	5.492	0.000	0.00%	0.00%
0	24	5.492	5.492	0.000	0.00%	0.00%
0	25	5.492	5.497	-0.005	-0.09%	0.83%
Max		5.492	5.497	0.000	0.00%	0.83%
Average		5.492	5.493	-0.001	-0.01%	0.08%
Min		5.492	5.492	-0.005	-0.09%	0.00%
Std Dev		0.000	0.002	0.002	0.03%	0.26%

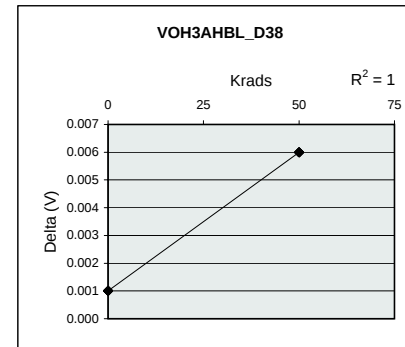


VOH3AHBL_D37		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.492	5.492
Average	5.493	5.492
Min	5.497	5.492
UL	6.000	6.000

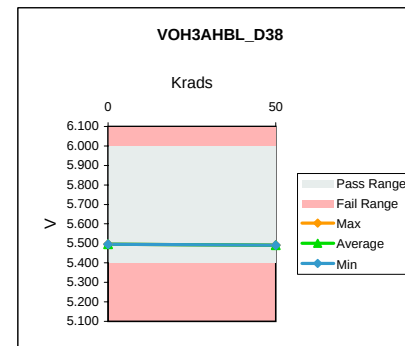


TID Report 50Krad (Si) 54AC00

VOH3AHBL_D38						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.497	5.491	0.006	0.11%	1.00%
50	2	5.497	5.491	0.006	0.11%	1.00%
50	3	5.497	5.491	0.006	0.11%	1.00%
50	4	5.497	5.491	0.006	0.11%	1.00%
50	5	5.497	5.491	0.006	0.11%	1.00%
0	21	5.497	5.496	0.001	0.02%	0.17%
0	22	5.497	5.496	0.001	0.02%	0.17%
0	23	5.497	5.496	0.001	0.02%	0.17%
0	24	5.497	5.496	0.001	0.02%	0.17%
0	25	5.497	5.496	0.001	0.02%	0.17%
Max		5.497	5.496	0.006	0.11%	1.00%
Average		5.497	5.493	0.004	0.06%	0.58%
Min		5.497	5.491	0.001	0.02%	0.17%
Std Dev		0.000	0.003	0.003	0.05%	0.44%

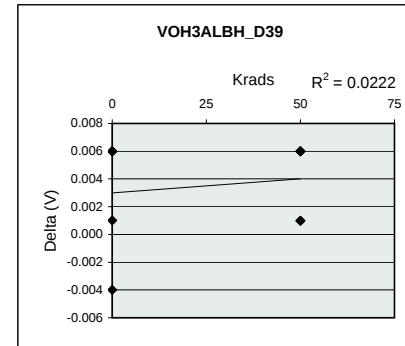


VOH3AHBL_D38		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.496	5.491
Average	5.496	5.491
Min	5.496	5.491
UL	6.000	6.000

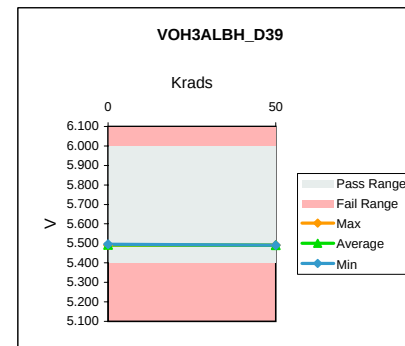


TID Report 50Krad (Si) 54AC00

VOH3ALBH_D39						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.492	5.491	0.001	0.02%	0.17%
50	2	5.492	5.491	0.001	0.02%	0.17%
50	3	5.497	5.491	0.006	0.11%	1.00%
50	4	5.497	5.491	0.006	0.11%	1.00%
50	5	5.497	5.491	0.006	0.11%	1.00%
0	21	5.492	5.496	-0.004	-0.07%	0.67%
0	22	5.497	5.491	0.006	0.11%	1.00%
0	23	5.497	5.496	0.001	0.02%	0.17%
0	24	5.497	5.491	0.006	0.11%	1.00%
0	25	5.497	5.491	0.006	0.11%	1.00%
Max		5.497	5.496	0.006	0.11%	1.00%
Average		5.496	5.492	0.004	0.06%	0.72%
Min		5.492	5.491	-0.004	-0.07%	0.17%
Std Dev		0.002	0.002	0.004	0.06%	0.39%

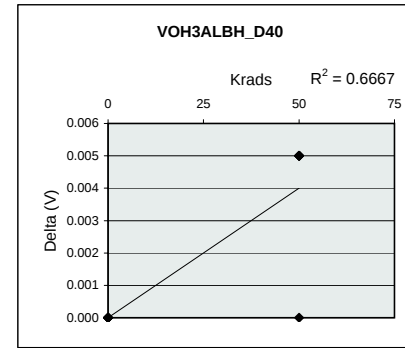


VOH3ALBH_D39		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.491	5.491
Average	5.493	5.491
Min	5.496	5.491
UL	6.000	6.000

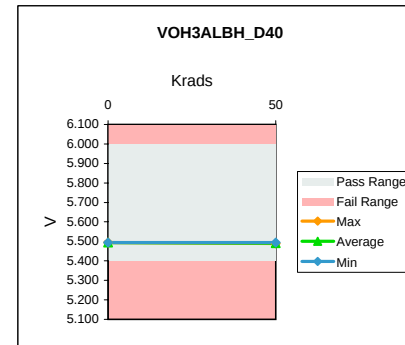


TID Report 50Krad (Si) 54AC00

VOH3ALBH_D40						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.494	5.489	0.005	0.09%	0.83%
50	2	5.494	5.489	0.005	0.09%	0.83%
50	3	5.494	5.489	0.005	0.09%	0.83%
50	4	5.494	5.489	0.005	0.09%	0.83%
50	5	5.494	5.494	0.000	0.00%	0.00%
0	21	5.494	5.494	0.000	0.00%	0.00%
0	22	5.494	5.494	0.000	0.00%	0.00%
0	23	5.494	5.494	0.000	0.00%	0.00%
0	24	5.494	5.494	0.000	0.00%	0.00%
0	25	5.494	5.494	0.000	0.00%	0.00%
Max		5.494	5.494	0.005	0.09%	0.83%
Average		5.494	5.492	0.002	0.04%	0.33%
Min		5.494	5.489	0.000	0.00%	0.00%
Std Dev		0.000	0.003	0.003	0.05%	0.43%

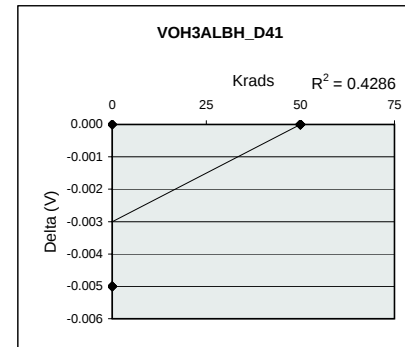


VOH3ALBH_D40		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.494	5.489
Average	5.494	5.490
Min	5.494	5.494
UL	6.000	6.000

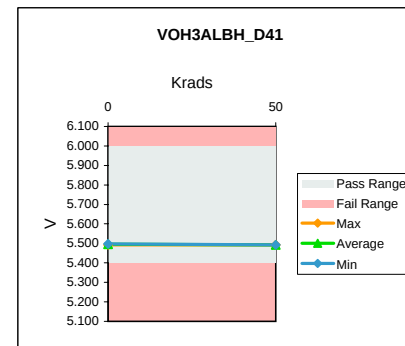


TID Report 50Krad (Si) 54AC00

VOH3ALBH_D41							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		V		V			
Max Limit		6		6			
Min Limit		5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.492	5.492	0.000	0.00%	0.00%	
50	2	5.492	5.492	0.000	0.00%	0.00%	
50	3	5.492	5.492	0.000	0.00%	0.00%	
50	4	5.492	5.492	0.000	0.00%	0.00%	
50	5	5.492	5.492	0.000	0.00%	0.00%	
0	21	5.492	5.492	0.000	0.00%	0.00%	
0	22	5.492	5.497	-0.005	-0.09%	0.83%	
0	23	5.492	5.497	-0.005	-0.09%	0.83%	
0	24	5.492	5.492	0.000	0.00%	0.00%	
0	25	5.492	5.497	-0.005	-0.09%	0.83%	
Max		5.492	5.497	0.000	0.00%	0.83%	
Average		5.492	5.494	-0.002	-0.03%	0.25%	
Min		5.492	5.492	-0.005	-0.09%	0.00%	
Std Dev		0.000	0.002	0.002	0.04%	0.40%	

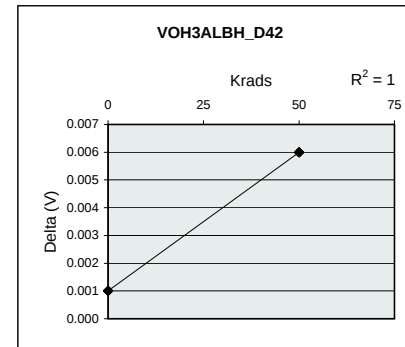


VOH3ALBH_D41		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	5.400	5.400
Max	5.492	5.492
Average	5.495	5.492
Min	5.497	5.492
UL	6.000	6.000

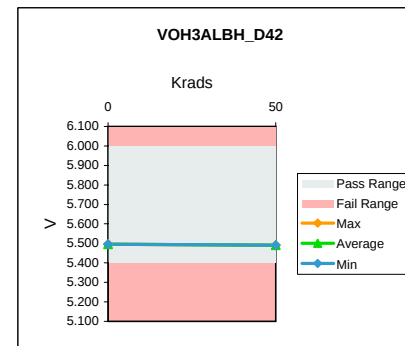


TID Report 50Krad (Si) 54AC00

VOH3ALBH_D42						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	5.4		5.4			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.497	5.491	0.006	0.11%	1.00%
50	2	5.497	5.491	0.006	0.11%	1.00%
50	3	5.497	5.491	0.006	0.11%	1.00%
50	4	5.497	5.491	0.006	0.11%	1.00%
50	5	5.497	5.491	0.006	0.11%	1.00%
0	21	5.497	5.496	0.001	0.02%	0.17%
0	22	5.497	5.496	0.001	0.02%	0.17%
0	23	5.497	5.496	0.001	0.02%	0.17%
0	24	5.497	5.496	0.001	0.02%	0.17%
0	25	5.497	5.496	0.001	0.02%	0.17%
Max		5.497	5.496	0.006	0.11%	1.00%
Average		5.497	5.493	0.004	0.06%	0.58%
Min		5.497	5.491	0.001	0.02%	0.17%
Std Dev		0.000	0.003	0.003	0.05%	0.44%

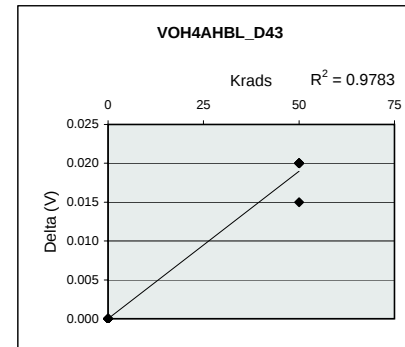


VOH3ALBH_D42		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	5.4	V
Krads	0	50
LL	5.400	5.400
Max	5.496	5.491
Average	5.496	5.491
Min	5.496	5.491
UL	6.000	6.000

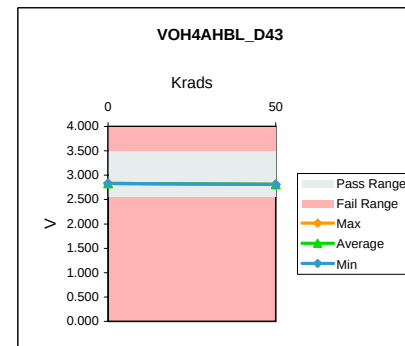


TID Report 50Krad (Si) 54AC00

VOH4AHBL_D43						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.834	2.814	0.020	0.71%	2.13%
50	2	2.829	2.814	0.015	0.53%	1.60%
50	3	2.829	2.809	0.020	0.71%	2.13%
50	4	2.829	2.809	0.020	0.71%	2.13%
50	5	2.829	2.809	0.020	0.71%	2.13%
0	21	2.829	2.829	0.000	0.00%	0.00%
0	22	2.829	2.829	0.000	0.00%	0.00%
0	23	2.829	2.829	0.000	0.00%	0.00%
0	24	2.829	2.829	0.000	0.00%	0.00%
0	25	2.829	2.829	0.000	0.00%	0.00%
Max		2.834	2.829	0.020	0.71%	2.13%
Average		2.830	2.820	0.010	0.34%	1.01%
Min		2.829	2.809	0.000	0.00%	0.00%
Std Dev		0.002	0.010	0.010	0.36%	1.08%

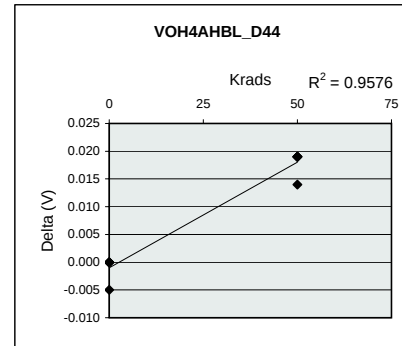


VOH4AHBL_D43		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.829	2.809
Average	2.829	2.811
Min	2.829	2.814
UL	3.500	3.500

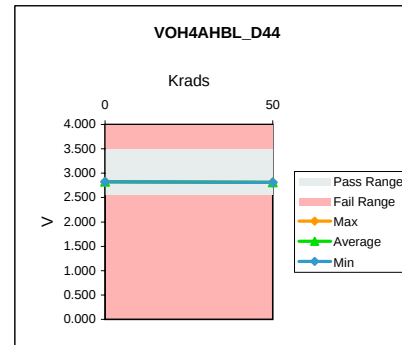


TID Report 50Krad (Si) 54AC00

VOH4AHBL_D44						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.827	2.808	0.019	0.67%	2.02%
50	2	2.827	2.808	0.019	0.67%	2.02%
50	3	2.822	2.808	0.014	0.50%	1.49%
50	4	2.827	2.808	0.019	0.67%	2.02%
50	5	2.827	2.808	0.019	0.67%	2.02%
0	21	2.827	2.827	0.000	0.00%	0.00%
0	22	2.822	2.822	0.000	0.00%	0.00%
0	23	2.822	2.822	0.000	0.00%	0.00%
0	24	2.827	2.827	0.000	0.00%	0.00%
0	25	2.822	2.827	-0.005	-0.18%	0.53%
Max		2.827	2.827	0.019	0.67%	2.02%
Average		2.825	2.817	0.008	0.30%	1.01%
Min		2.822	2.808	-0.005	-0.18%	0.00%
Std Dev		0.003	0.009	0.010	0.36%	0.98%

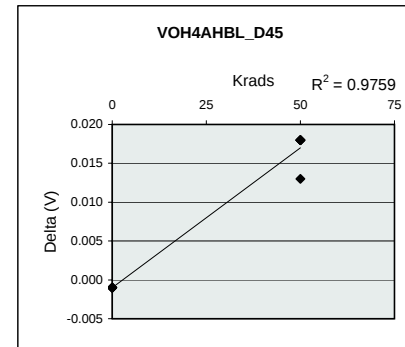


VOH4AHBL_D44		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.822	2.808
Average	2.825	2.808
Min	2.827	2.808
UL	3.500	3.500

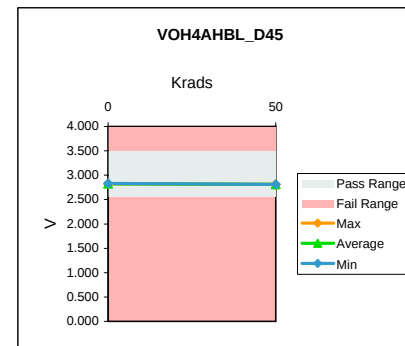


TID Report 50Krad (Si) 54AC00

VOH4AHBL_D45						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.828	2.810	0.018	0.64%	1.91%
50	2	2.823	2.810	0.013	0.46%	1.38%
50	3	2.828	2.810	0.018	0.64%	1.91%
50	4	2.828	2.810	0.018	0.64%	1.91%
50	5	2.828	2.810	0.018	0.64%	1.91%
0	21	2.828	2.829	-0.001	-0.04%	0.11%
0	22	2.828	2.829	-0.001	-0.04%	0.11%
0	23	2.823	2.824	-0.001	-0.04%	0.11%
0	24	2.823	2.824	-0.001	-0.04%	0.11%
0	25	2.823	2.824	-0.001	-0.04%	0.11%
Max		2.828	2.829	0.018	0.64%	1.91%
Average		2.826	2.818	0.008	0.28%	0.96%
Min		2.823	2.810	-0.001	-0.04%	0.11%
Std Dev		0.003	0.009	0.010	0.34%	0.91%

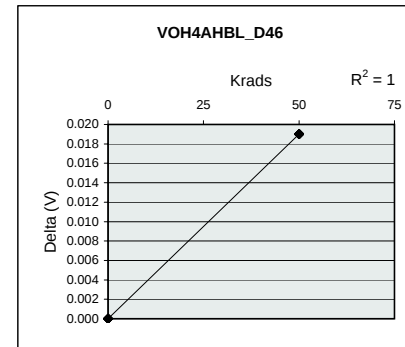


VOH4AHBL_D45		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.824	2.810
Average	2.826	2.810
Min	2.829	2.810
UL	3.500	3.500

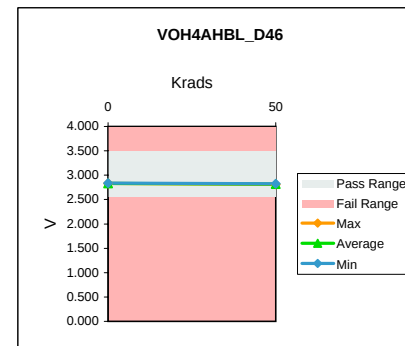


TID Report 50Krad (Si) 54AC00

VOH4AHBL_D46						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.837	2.818	0.019	0.67%	2.02%
50	2	2.832	2.813	0.019	0.67%	2.02%
50	3	2.837	2.818	0.019	0.67%	2.02%
50	4	2.842	2.823	0.019	0.67%	2.02%
50	5	2.837	2.818	0.019	0.67%	2.02%
0	21	2.837	2.837	0.000	0.00%	0.00%
0	22	2.832	2.832	0.000	0.00%	0.00%
0	23	2.832	2.832	0.000	0.00%	0.00%
0	24	2.832	2.832	0.000	0.00%	0.00%
0	25	2.832	2.832	0.000	0.00%	0.00%
Max		2.842	2.837	0.019	0.67%	2.02%
Average		2.835	2.826	0.009	0.33%	1.01%
Min		2.832	2.813	0.000	0.00%	0.00%
Std Dev		0.003	0.008	0.010	0.35%	1.07%

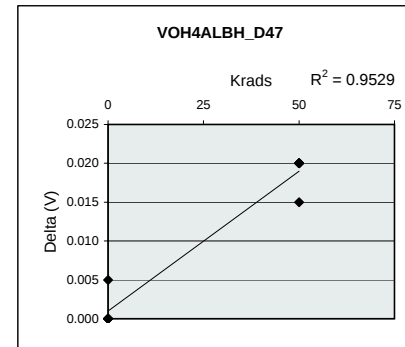


VOH4AHBL_D46		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.832	2.813
Average	2.833	2.818
Min	2.837	2.823
UL	3.500	3.500

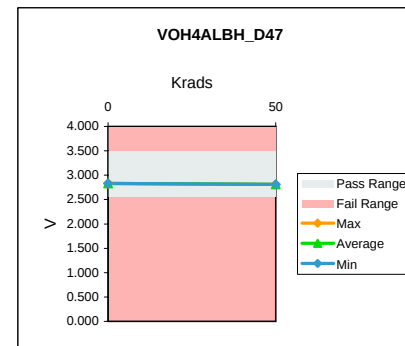


TID Report 50Krad (Si) 54AC00

VOH4ALBH_D47							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.56		2.56				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.834	2.814	0.020	0.71%	2.13%	
50	2	2.829	2.814	0.015	0.53%	1.60%	
50	3	2.829	2.809	0.020	0.71%	2.13%	
50	4	2.829	2.809	0.020	0.71%	2.13%	
50	5	2.829	2.809	0.020	0.71%	2.13%	
0	21	2.829	2.829	0.000	0.00%	0.00%	
0	22	2.829	2.829	0.000	0.00%	0.00%	
0	23	2.829	2.829	0.000	0.00%	0.00%	
0	24	2.834	2.829	0.005	0.18%	0.53%	
0	25	2.829	2.829	0.000	0.00%	0.00%	
Max		2.834	2.829	0.020	0.71%	2.13%	
Average		2.830	2.820	0.010	0.35%	1.06%	
Min		2.829	2.809	0.000	0.00%	0.00%	
Std Dev		0.002	0.010	0.010	0.34%	1.03%	

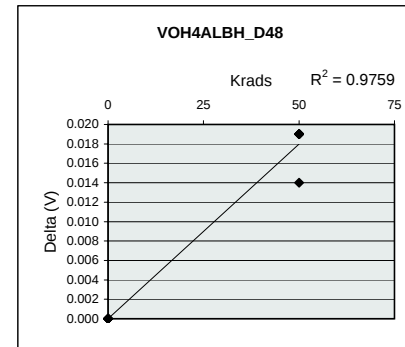


VOH4ALBH_D47		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.829	2.809
Average	2.829	2.811
Min	2.829	2.814
UL	3.500	3.500

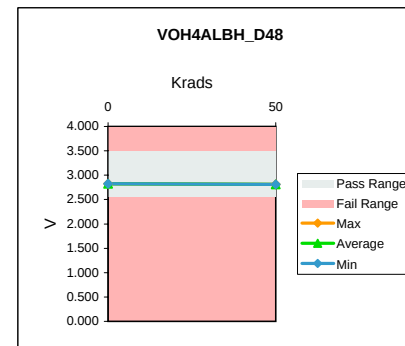


TID Report 50Krad (Si) 54AC00

VOH4ALBH_D48							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	3.5		3.5				
Min Limit	2.56		2.56				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.827	2.808	0.019	0.67%	2.02%	
50	2	2.827	2.808	0.019	0.67%	2.02%	
50	3	2.822	2.808	0.014	0.50%	1.49%	
50	4	2.827	2.808	0.019	0.67%	2.02%	
50	5	2.827	2.808	0.019	0.67%	2.02%	
0	21	2.827	2.827	0.000	0.00%	0.00%	
0	22	2.822	2.822	0.000	0.00%	0.00%	
0	23	2.822	2.822	0.000	0.00%	0.00%	
0	24	2.827	2.827	0.000	0.00%	0.00%	
0	25	2.827	2.827	0.000	0.00%	0.00%	
Max		2.827	2.827	0.019	0.67%	2.02%	
Average		2.825	2.817	0.009	0.32%	0.96%	
Min		2.822	2.808	0.000	0.00%	0.00%	
Std Dev		0.002	0.009	0.010	0.34%	1.02%	

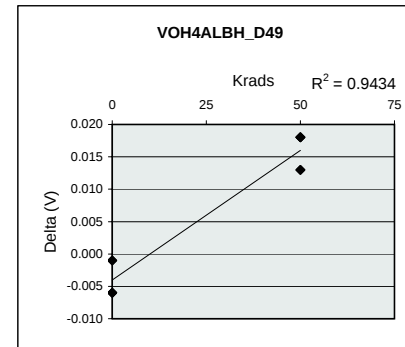


VOH4ALBH_D48			
Test Site	Sherman, Tx		
Tester	IN581		
Test Number	52030007		
Max Limit	3.5	V	
Min Limit	2.56	V	
Krads	0	50	
LL	2.560	2.560	
Max	2.822	2.808	
Average	2.825	2.808	
Min	2.827	2.808	
UL	3.500	3.500	

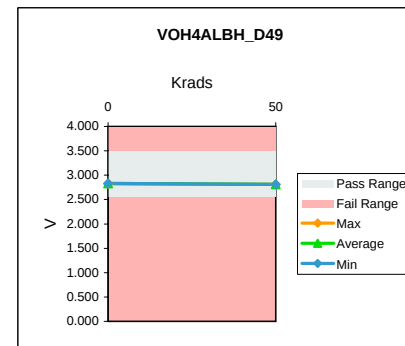


TID Report 50Krad (Si) 54AC00

VOH4ALBH_D49						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.828	2.810	0.018	0.64%	1.91%
50	2	2.823	2.810	0.013	0.46%	1.38%
50	3	2.828	2.810	0.018	0.64%	1.91%
50	4	2.828	2.810	0.018	0.64%	1.91%
50	5	2.823	2.810	0.013	0.46%	1.38%
0	21	2.823	2.829	-0.006	-0.21%	0.64%
0	22	2.828	2.829	-0.001	-0.04%	0.11%
0	23	2.823	2.824	-0.001	-0.04%	0.11%
0	24	2.823	2.829	-0.006	-0.21%	0.64%
0	25	2.823	2.829	-0.006	-0.21%	0.64%
Max		2.828	2.829	0.018	0.64%	1.91%
Average		2.825	2.819	0.006	0.21%	1.06%
Min		2.823	2.810	-0.006	-0.21%	0.11%
Std Dev		0.003	0.010	0.011	0.38%	0.73%

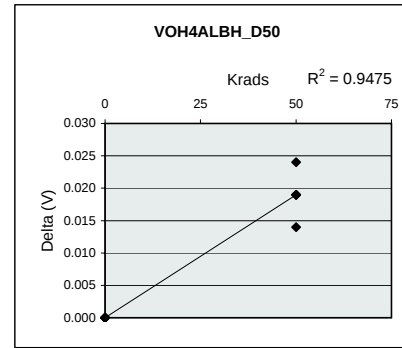


VOH4ALBH_D49		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.824	2.810
Average	2.828	2.810
Min	2.829	2.810
UL	3.500	3.500

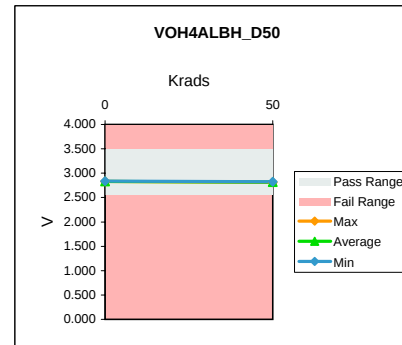


TID Report 50Krad (Si) 54AC00

VOH4ALBH_D50						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	3.5		3.5			
Min Limit	2.56		2.56			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.837	2.818	0.019	0.67%	2.02%
50	2	2.832	2.818	0.014	0.49%	1.49%
50	3	2.837	2.818	0.019	0.67%	2.02%
50	4	2.842	2.823	0.019	0.67%	2.02%
50	5	2.837	2.813	0.024	0.85%	2.55%
0	21	2.837	2.837	0.000	0.00%	0.00%
0	22	2.832	2.832	0.000	0.00%	0.00%
0	23	2.832	2.832	0.000	0.00%	0.00%
0	24	2.832	2.832	0.000	0.00%	0.00%
0	25	2.832	2.832	0.000	0.00%	0.00%
Max		2.842	2.837	0.024	0.85%	2.55%
Average		2.835	2.826	0.009	0.33%	1.01%
Min		2.832	2.813	0.000	0.00%	0.00%
Std Dev		0.003	0.008	0.010	0.36%	1.09%

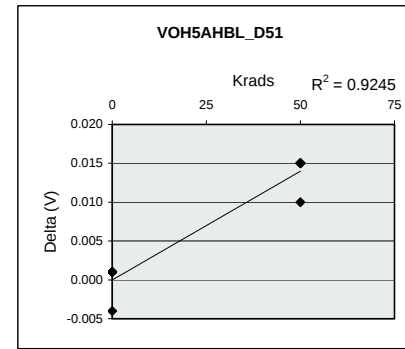


VOH4ALBH_D50		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	3.5	V
Min Limit	2.56	V
Krads	0	50
LL	2.560	2.560
Max	2.832	2.813
Average	2.833	2.818
Min	2.837	2.823
UL	3.500	3.500

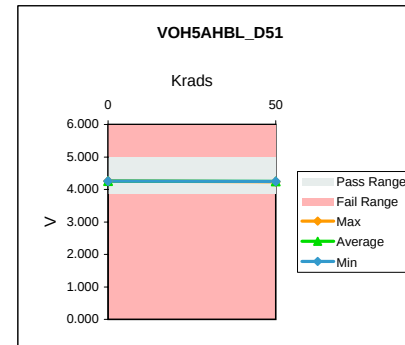


TID Report 50Krad (Si) 54AC00

VOH5AHL_D51							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	5		5				
Min Limit	3.86		3.86				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.261	4.246	0.015	0.35%	1.32%	
50	2	4.256	4.246	0.010	0.23%	0.88%	
50	3	4.256	4.241	0.015	0.35%	1.32%	
50	4	4.256	4.241	0.015	0.35%	1.32%	
50	5	4.256	4.241	0.015	0.35%	1.32%	
0	21	4.256	4.255	0.001	0.02%	0.09%	
0	22	4.256	4.255	0.001	0.02%	0.09%	
0	23	4.256	4.255	0.001	0.02%	0.09%	
0	24	4.256	4.255	0.001	0.02%	0.09%	
0	25	4.251	4.255	-0.004	-0.09%	0.35%	
Max		4.261	4.255	0.015	0.35%	1.32%	
Average		4.256	4.249	0.007	0.16%	0.68%	
Min		4.251	4.241	-0.004	-0.09%	0.09%	
Std Dev		0.002	0.007	0.008	0.18%	0.59%	

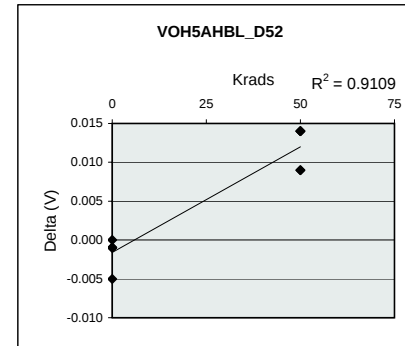


VOH5AHL_D51		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.255	4.241
Average	4.255	4.243
Min	4.255	4.246
UL	5.000	5.000

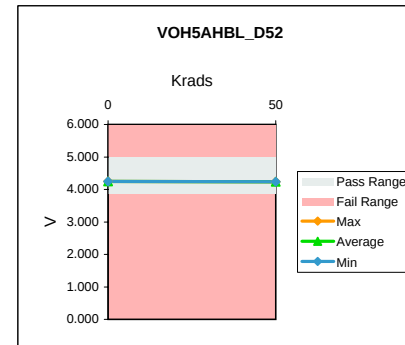


TID Report 50Krad (Si) 54AC00

VOH5AHBL_D52						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.248	4.234	0.014	0.33%	1.23%
50	2	4.248	4.234	0.014	0.33%	1.23%
50	3	4.243	4.234	0.009	0.21%	0.79%
50	4	4.248	4.234	0.014	0.33%	1.23%
50	5	4.243	4.234	0.009	0.21%	0.79%
0	21	4.243	4.248	-0.005	-0.12%	0.44%
0	22	4.243	4.244	-0.001	-0.02%	0.09%
0	23	4.243	4.244	-0.001	-0.02%	0.09%
0	24	4.248	4.248	0.000	0.00%	0.00%
0	25	4.243	4.244	-0.001	-0.02%	0.09%
Max		4.248	4.248	0.014	0.33%	1.23%
Average		4.245	4.240	0.005	0.12%	0.60%
Min		4.243	4.234	-0.005	-0.12%	0.00%
Std Dev		0.003	0.006	0.008	0.18%	0.52%

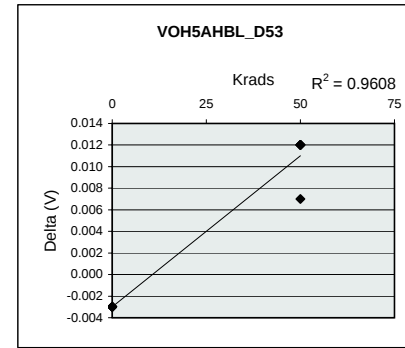


VOH5AHBL_D52		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.244	4.234
Average	4.246	4.234
Min	4.248	4.234
UL	5.000	5.000

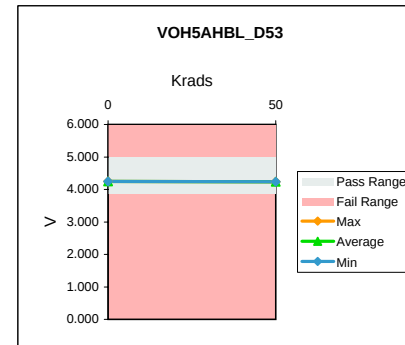


TID Report 50Krad (Si) 54AC00

VOH5AHL_D53						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.248	4.241	0.007	0.16%	0.61%
50	2	4.248	4.236	0.012	0.28%	1.05%
50	3	4.248	4.236	0.012	0.28%	1.05%
50	4	4.253	4.241	0.012	0.28%	1.05%
50	5	4.248	4.236	0.012	0.28%	1.05%
0	21	4.248	4.251	-0.003	-0.07%	0.26%
0	22	4.248	4.251	-0.003	-0.07%	0.26%
0	23	4.248	4.251	-0.003	-0.07%	0.26%
0	24	4.248	4.251	-0.003	-0.07%	0.26%
0	25	4.248	4.251	-0.003	-0.07%	0.26%
Max		4.253	4.251	0.012	0.28%	1.05%
Average		4.249	4.245	0.004	0.09%	0.61%
Min		4.248	4.236	-0.003	-0.07%	0.26%
Std Dev		0.002	0.007	0.008	0.18%	0.39%

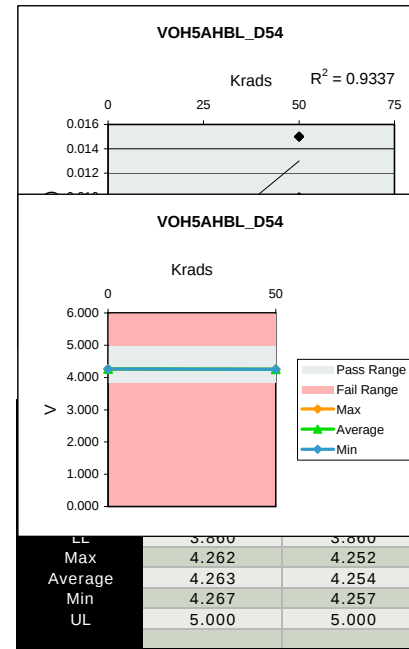


VOH5AHL_D53		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.251	4.236
Average	4.251	4.238
Min	4.251	4.241
UL	5.000	5.000



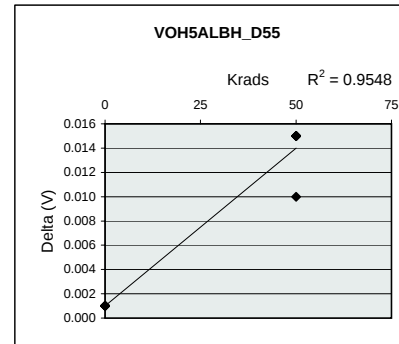
TID Report 50Krad (Si) 54AC00

VOH5AHBL_D54							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	5		5				
Min Limit	3.86		3.86				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.267	4.252	0.015	0.35%	1.32%	
50	2	4.262	4.252	0.010	0.23%	0.88%	
50	3	4.267	4.257	0.010	0.23%	0.88%	
50	4	4.272	4.257	0.015	0.35%	1.32%	
50	5	4.267	4.252	0.015	0.35%	1.32%	
0	21	4.267	4.267	0.000	0.00%	0.00%	
0	22	4.262	4.262	0.000	0.00%	0.00%	
0	23	4.262	4.262	0.000	0.00%	0.00%	
0	24	4.262	4.262	0.000	0.00%	0.00%	
0	25	4.262	4.262	0.000	0.00%	0.00%	
Max		4.272	4.267	0.015	0.35%	1.32%	
Average		4.265	4.259	0.007	0.15%	0.57%	
Min		4.262	4.252	0.000	0.00%	0.00%	
Std Dev		0.003	0.005	0.007	0.17%	0.62%	

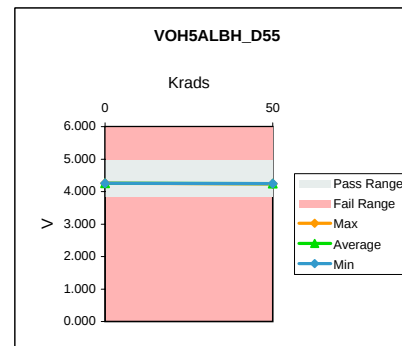


TID Report 50Krad (Si) 54AC00

VOH5ALBH_D55							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		V		V			
Max Limit		5		5			
Min Limit		3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.261	4.246	0.015	0.35%	1.32%	
50	2	4.256	4.246	0.010	0.23%	0.88%	
50	3	4.256	4.241	0.015	0.35%	1.32%	
50	4	4.256	4.241	0.015	0.35%	1.32%	
50	5	4.256	4.241	0.015	0.35%	1.32%	
0	21	4.256	4.255	0.001	0.02%	0.09%	
0	22	4.256	4.255	0.001	0.02%	0.09%	
0	23	4.256	4.255	0.001	0.02%	0.09%	
0	24	4.256	4.255	0.001	0.02%	0.09%	
0	25	4.256	4.255	0.001	0.02%	0.09%	
Max		4.261	4.255	0.015	0.35%	1.32%	
Average		4.257	4.249	0.007	0.18%	0.66%	
Min		4.256	4.241	0.001	0.02%	0.09%	
Std Dev		0.002	0.007	0.007	0.16%	0.62%	

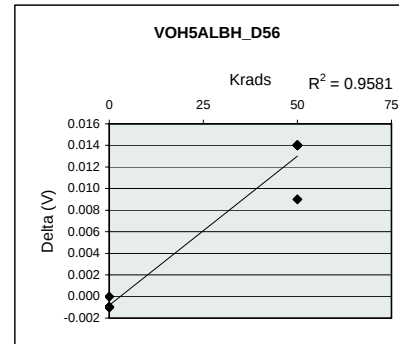


VOH5ALBH_D55		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	3.860	3.860
Max	4.255	4.241
Average	4.255	4.243
Min	4.255	4.246
UL	5.000	5.000

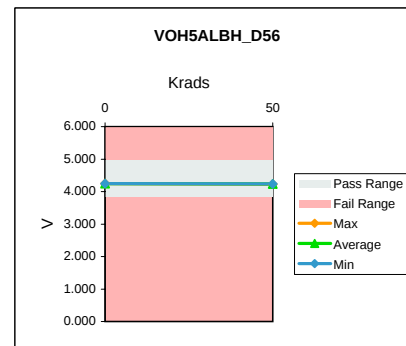


TID Report 50Krad (Si) 54AC00

VOH5ALBH_D56						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.248	4.234	0.014	0.33%	1.23%
50	2	4.248	4.234	0.014	0.33%	1.23%
50	3	4.243	4.229	0.014	0.33%	1.23%
50	4	4.248	4.234	0.014	0.33%	1.23%
50	5	4.243	4.234	0.009	0.21%	0.79%
0	21	4.243	4.244	-0.001	-0.02%	0.09%
0	22	4.243	4.244	-0.001	-0.02%	0.09%
0	23	4.243	4.244	-0.001	-0.02%	0.09%
0	24	4.248	4.248	0.000	0.00%	0.00%
0	25	4.243	4.244	-0.001	-0.02%	0.09%
Max		4.248	4.248	0.014	0.33%	1.23%
Average		4.245	4.239	0.006	0.14%	0.61%
Min		4.243	4.229	-0.001	-0.02%	0.00%
Std Dev		0.003	0.007	0.007	0.17%	0.58%

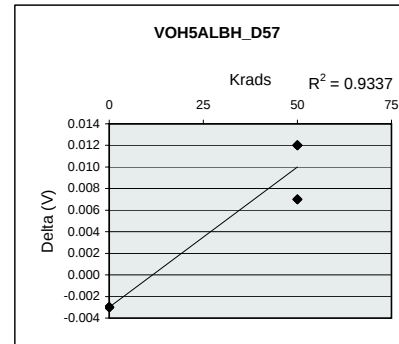


VOH5ALBH_D56		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.244	4.229
Average	4.245	4.233
Min	4.248	4.234
UL	5.000	5.000

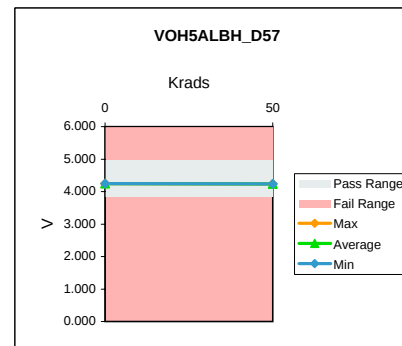


TID Report 50Krad (Si) 54AC00

VOH5ALBH_D57						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.248	4.241	0.007	0.16%	0.61%
50	2	4.248	4.236	0.012	0.28%	1.05%
50	3	4.248	4.236	0.012	0.28%	1.05%
50	4	4.248	4.241	0.007	0.16%	0.61%
50	5	4.248	4.236	0.012	0.28%	1.05%
0	21	4.248	4.251	-0.003	-0.07%	0.26%
0	22	4.248	4.251	-0.003	-0.07%	0.26%
0	23	4.248	4.251	-0.003	-0.07%	0.26%
0	24	4.248	4.251	-0.003	-0.07%	0.26%
0	25	4.248	4.251	-0.003	-0.07%	0.26%
Max		4.248	4.251	0.012	0.28%	1.05%
Average		4.248	4.245	0.004	0.08%	0.57%
Min		4.248	4.236	-0.003	-0.07%	0.26%
Std Dev		0.000	0.007	0.007	0.17%	0.36%

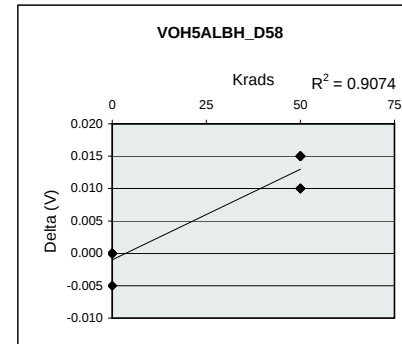


VOH5ALBH_D57		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.251	4.236
Average	4.251	4.238
Min	4.251	4.241
UL	5.000	5.000

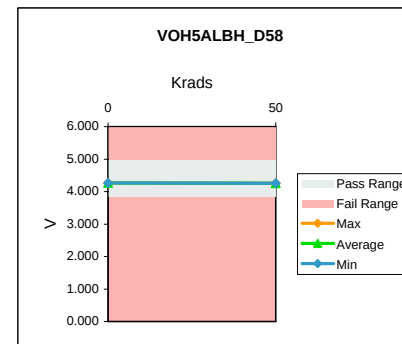


TID Report 50Krad (Si) 54AC00

VOH5ALBH_D58						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	5		5			
Min Limit	3.86		3.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.267	4.252	0.015	0.35%	1.32%
50	2	4.262	4.252	0.010	0.23%	0.88%
50	3	4.267	4.257	0.010	0.23%	0.88%
50	4	4.272	4.257	0.015	0.35%	1.32%
50	5	4.267	4.252	0.015	0.35%	1.32%
0	21	4.267	4.267	0.000	0.00%	0.00%
0	22	4.262	4.267	-0.005	-0.12%	0.44%
0	23	4.262	4.262	0.000	0.00%	0.00%
0	24	4.262	4.262	0.000	0.00%	0.00%
0	25	4.262	4.262	0.000	0.00%	0.00%
Max		4.272	4.267	0.015	0.35%	1.32%
Average		4.265	4.259	0.006	0.14%	0.61%
Min		4.262	4.252	-0.005	-0.12%	0.00%
Std Dev		0.003	0.006	0.008	0.18%	0.59%

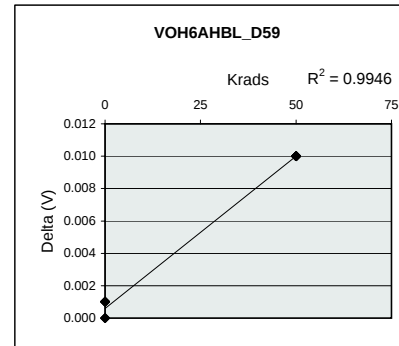


VOH5ALBH_D58		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	5	V
Min Limit	3.86	V
Krads	0	50
LL	3.860	3.860
Max	4.262	4.252
Average	4.264	4.254
Min	4.267	4.257
UL	5.000	5.000

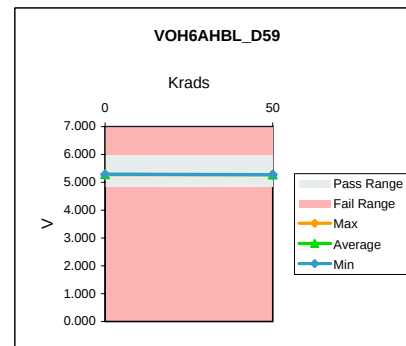


TID Report 50Krad (Si) 54AC00

VOH6AHBL_D59						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.286	5.276	0.010	0.19%	0.88%
50	2	5.286	5.276	0.010	0.19%	0.88%
50	3	5.282	5.272	0.010	0.19%	0.88%
50	4	5.286	5.276	0.010	0.19%	0.88%
50	5	5.286	5.276	0.010	0.19%	0.88%
0	21	5.286	5.286	0.000	0.00%	0.00%
0	22	5.282	5.281	0.001	0.02%	0.09%
0	23	5.282	5.281	0.001	0.02%	0.09%
0	24	5.286	5.286	0.000	0.00%	0.00%
0	25	5.282	5.281	0.001	0.02%	0.09%
Max		5.286	5.286	0.010	0.19%	0.88%
Average		5.284	5.279	0.005	0.10%	0.46%
Min		5.282	5.272	0.000	0.00%	0.00%
Std Dev		0.002	0.005	0.005	0.09%	0.44%

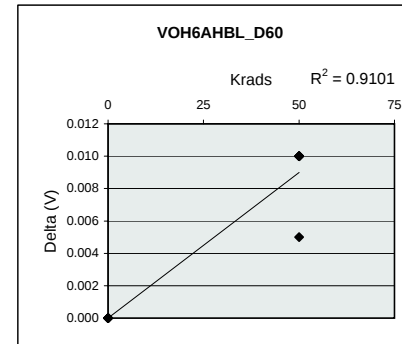


VOH6AHBL_D59		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.281	5.272
Average	5.283	5.275
Min	5.286	5.276
UL	6.000	6.000

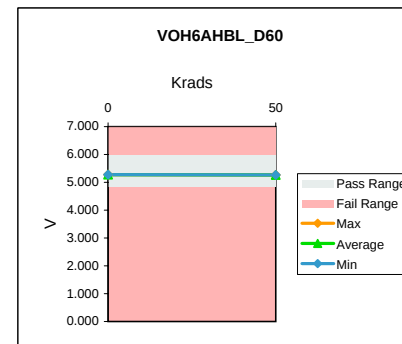


TID Report 50Krad (Si) 54AC00

VOH6AHBL_D60							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IN581		IM581				
Test Number	52030007		52030007				
Unit	V		V				
Max Limit	6		6				
Min Limit	4.86		4.86				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.274	5.264	0.010	0.19%	0.88%	
50	2	5.274	5.269	0.005	0.09%	0.44%	
50	3	5.274	5.264	0.010	0.19%	0.88%	
50	4	5.274	5.264	0.010	0.19%	0.88%	
50	5	5.274	5.264	0.010	0.19%	0.88%	
0	21	5.274	5.274	0.000	0.00%	0.00%	
0	22	5.274	5.274	0.000	0.00%	0.00%	
0	23	5.274	5.274	0.000	0.00%	0.00%	
0	24	5.274	5.274	0.000	0.00%	0.00%	
0	25	5.274	5.274	0.000	0.00%	0.00%	
Max		5.274	5.274	0.010	0.19%	0.88%	
Average		5.274	5.270	0.005	0.09%	0.39%	
Min		5.274	5.264	0.000	0.00%	0.00%	
Std Dev		0.000	0.005	0.005	0.09%	0.44%	

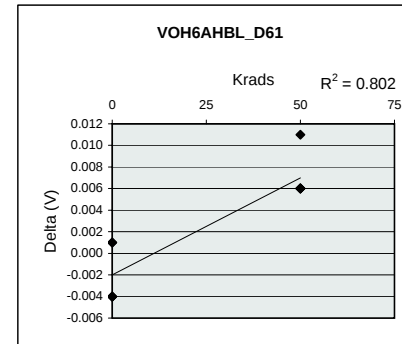


VOH6AHBL_D60		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.274	5.264
Average	5.274	5.265
Min	5.274	5.269
UL	6.000	6.000

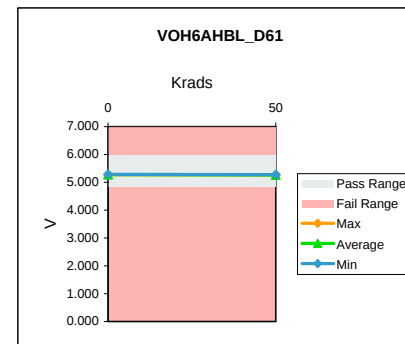


TID Report 50Krad (Si) 54AC00

VOH6AHBL_D61						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.278	5.272	0.006	0.11%	0.53%
50	2	5.273	5.267	0.006	0.11%	0.53%
50	3	5.278	5.272	0.006	0.11%	0.53%
50	4	5.278	5.272	0.006	0.11%	0.53%
50	5	5.278	5.267	0.011	0.21%	0.96%
0	21	5.278	5.277	0.001	0.02%	0.09%
0	22	5.278	5.282	-0.004	-0.08%	0.35%
0	23	5.273	5.277	-0.004	-0.08%	0.35%
0	24	5.278	5.277	0.001	0.02%	0.09%
0	25	5.273	5.277	-0.004	-0.08%	0.35%
Max		5.278	5.282	0.011	0.21%	0.96%
Average		5.276	5.274	0.002	0.05%	0.43%
Min		5.273	5.267	-0.004	-0.08%	0.09%
Std Dev		0.002	0.005	0.005	0.10%	0.25%

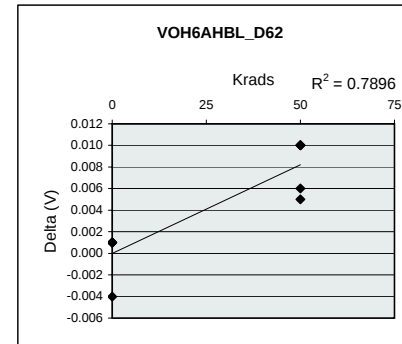


VOH6AHBL_D61		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.277	5.267
Average	5.278	5.270
Min	5.282	5.272
UL	6.000	6.000

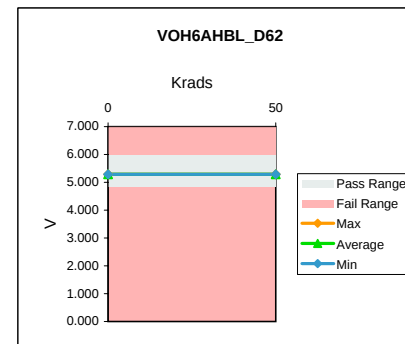


TID Report 50Krad (Si) 54AC00

VOH6AHBL_D62						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.292	5.287	0.005	0.09%	0.44%
50	2	5.292	5.282	0.010	0.19%	0.88%
50	3	5.297	5.287	0.010	0.19%	0.88%
50	4	5.297	5.291	0.006	0.11%	0.53%
50	5	5.292	5.282	0.010	0.19%	0.88%
0	21	5.292	5.291	0.001	0.02%	0.09%
0	22	5.292	5.291	0.001	0.02%	0.09%
0	23	5.292	5.291	0.001	0.02%	0.09%
0	24	5.292	5.291	0.001	0.02%	0.09%
0	25	5.287	5.291	-0.004	-0.08%	0.35%
Max		5.297	5.291	0.010	0.19%	0.88%
Average		5.292	5.288	0.004	0.08%	0.43%
Min		5.287	5.282	-0.004	-0.08%	0.09%
Std Dev		0.003	0.004	0.005	0.09%	0.35%

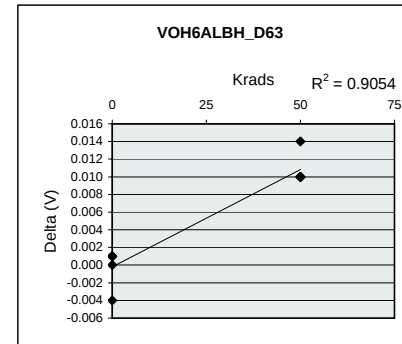


VOH6AHBL_D62		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.291	5.282
Average	5.291	5.286
Min	5.291	5.291
UL	6.000	6.000

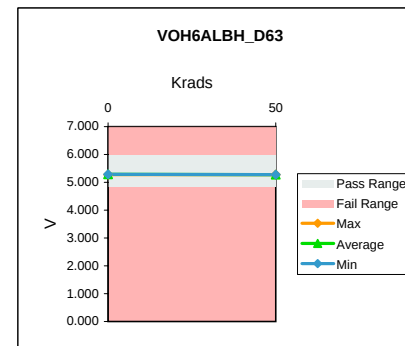


TID Report 50Krad (Si) 54AC00

VOH6ALBH_D63						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.286	5.276	0.010	0.19%	0.88%
50	2	5.286	5.276	0.010	0.19%	0.88%
50	3	5.282	5.272	0.010	0.19%	0.88%
50	4	5.286	5.272	0.014	0.26%	1.23%
50	5	5.286	5.276	0.010	0.19%	0.88%
0	21	5.282	5.286	-0.004	-0.08%	0.35%
0	22	5.282	5.281	0.001	0.02%	0.09%
0	23	5.282	5.281	0.001	0.02%	0.09%
0	24	5.286	5.286	0.000	0.00%	0.00%
0	25	5.282	5.281	0.001	0.02%	0.09%
Max		5.286	5.286	0.014	0.26%	1.23%
Average		5.284	5.279	0.005	0.10%	0.54%
Min		5.282	5.272	-0.004	-0.08%	0.00%
Std Dev		0.002	0.005	0.006	0.12%	0.46%

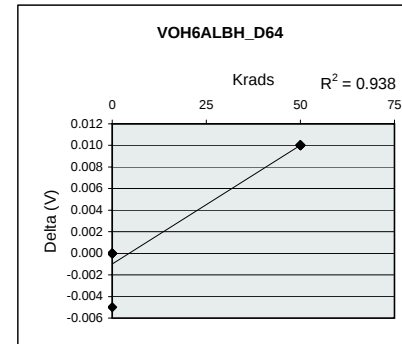


VOH6ALBH_D63		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.281	5.272
Average	5.283	5.274
Min	5.286	5.276
UL	6.000	6.000

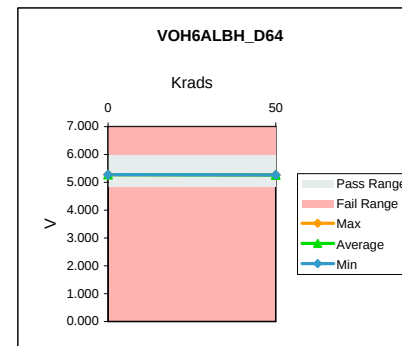


TID Report 50Krad (Si) 54AC00

VOH6ALBH_D64							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		V		V			
Max Limit		6		6			
Min Limit		4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.274	5.264	0.010	0.19%	0.88%	
50	2	5.274	5.264	0.010	0.19%	0.88%	
50	3	5.274	5.264	0.010	0.19%	0.88%	
50	4	5.274	5.264	0.010	0.19%	0.88%	
50	5	5.274	5.264	0.010	0.19%	0.88%	
0	21	5.274	5.274	0.000	0.00%	0.00%	
0	22	5.269	5.274	-0.005	-0.09%	0.44%	
0	23	5.274	5.274	0.000	0.00%	0.00%	
0	24	5.274	5.274	0.000	0.00%	0.00%	
0	25	5.274	5.274	0.000	0.00%	0.00%	
Max		5.274	5.274	0.010	0.19%	0.88%	
Average		5.274	5.269	0.005	0.09%	0.48%	
Min		5.269	5.264	-0.005	-0.09%	0.00%	
Std Dev		0.002	0.005	0.006	0.11%	0.44%	

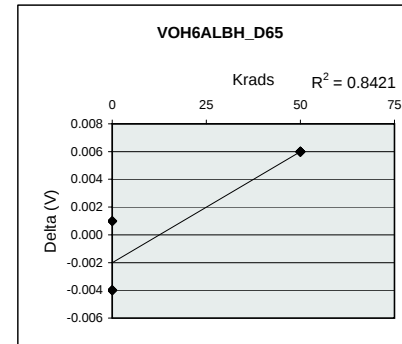


VOH6ALBH_D64			
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		6	V
Min Limit		4.86	V
Krads		0	50
LL		4.860	4.860
Max		5.274	5.264
Average		5.274	5.264
Min		5.274	5.264
UL		6.000	6.000

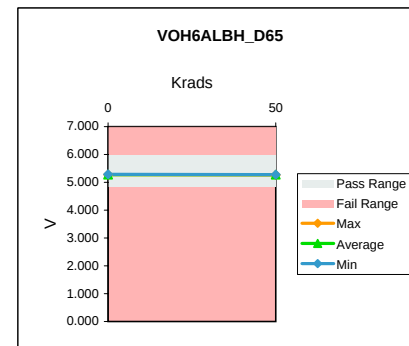


TID Report 50Krad (Si) 54AC00

VOH6ALBH_D65						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.278	5.272	0.006	0.11%	0.53%
50	2	5.273	5.267	0.006	0.11%	0.53%
50	3	5.278	5.272	0.006	0.11%	0.53%
50	4	5.278	5.272	0.006	0.11%	0.53%
50	5	5.278	5.272	0.006	0.11%	0.53%
0	21	5.278	5.277	0.001	0.02%	0.09%
0	22	5.278	5.282	-0.004	-0.08%	0.35%
0	23	5.273	5.277	-0.004	-0.08%	0.35%
0	24	5.278	5.277	0.001	0.02%	0.09%
0	25	5.273	5.277	-0.004	-0.08%	0.35%
Max		5.278	5.282	0.006	0.11%	0.53%
Average		5.276	5.274	0.002	0.04%	0.39%
Min		5.273	5.267	-0.004	-0.08%	0.09%
Std Dev		0.002	0.004	0.005	0.09%	0.18%

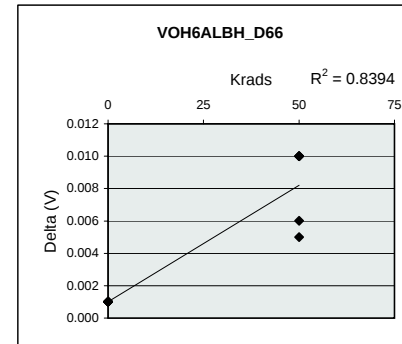


VOH6ALBH_D65		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.277	5.267
Average	5.278	5.271
Min	5.282	5.272
UL	6.000	6.000

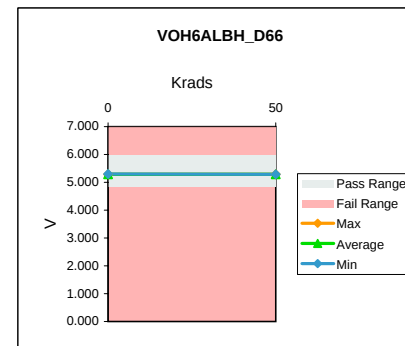


TID Report 50Krad (Si) 54AC00

VOH6ALBH_D66						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	4.86		4.86			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.292	5.287	0.005	0.09%	0.44%
50	2	5.292	5.282	0.010	0.19%	0.88%
50	3	5.297	5.287	0.010	0.19%	0.88%
50	4	5.297	5.291	0.006	0.11%	0.53%
50	5	5.292	5.282	0.010	0.19%	0.88%
0	21	5.297	5.296	0.001	0.02%	0.09%
0	22	5.292	5.291	0.001	0.02%	0.09%
0	23	5.292	5.291	0.001	0.02%	0.09%
0	24	5.292	5.291	0.001	0.02%	0.09%
0	25	5.292	5.291	0.001	0.02%	0.09%
Max		5.297	5.296	0.010	0.19%	0.88%
Average		5.293	5.289	0.005	0.09%	0.40%
Min		5.292	5.282	0.001	0.02%	0.09%
Std Dev		0.002	0.004	0.004	0.08%	0.36%

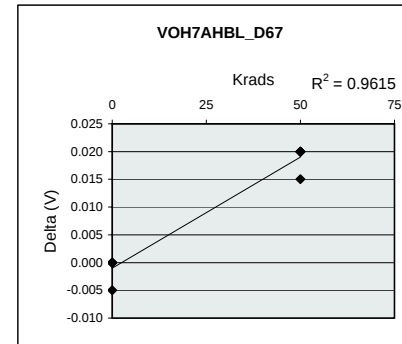


VOH6ALBH_D66		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	4.86	V
Krads	0	50
LL	4.860	4.860
Max	5.291	5.282
Average	5.292	5.286
Min	5.296	5.291
UL	6.000	6.000

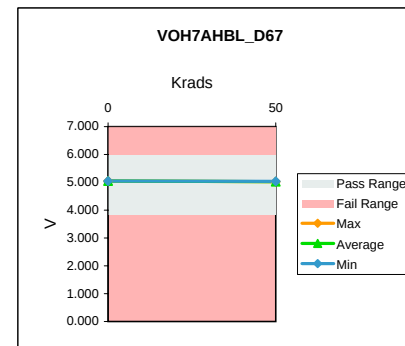


TID Report 50Krad (Si) 54AC00

VOH7AHBL_D67						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.052	5.032	0.020	0.40%	0.93%
50	2	5.047	5.032	0.015	0.30%	0.70%
50	3	5.042	5.022	0.020	0.40%	0.93%
50	4	5.047	5.027	0.020	0.40%	0.93%
50	5	5.047	5.027	0.020	0.40%	0.93%
0	21	5.047	5.047	0.000	0.00%	0.00%
0	22	5.042	5.047	-0.005	-0.10%	0.23%
0	23	5.042	5.042	0.000	0.00%	0.00%
0	24	5.047	5.047	0.000	0.00%	0.00%
0	25	5.042	5.042	0.000	0.00%	0.00%
Max		5.052	5.047	0.020	0.40%	0.93%
Average		5.045	5.036	0.009	0.18%	0.47%
Min		5.042	5.022	-0.005	-0.10%	0.00%
Std Dev		0.003	0.010	0.011	0.21%	0.45%

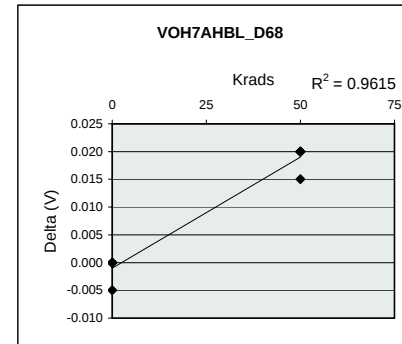


VOH7AHBL_D67		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.042	5.022
Average	5.045	5.028
Min	5.047	5.032
UL	6.000	6.000

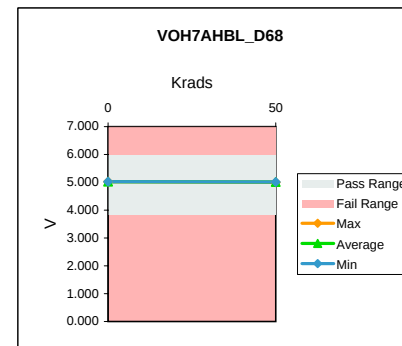


TID Report 50Krad (Si) 54AC00

VOH7AHBL_D68						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.030	5.010	0.020	0.40%	0.93%
50	2	5.025	5.010	0.015	0.30%	0.70%
50	3	5.025	5.005	0.020	0.40%	0.93%
50	4	5.030	5.010	0.020	0.40%	0.93%
50	5	5.025	5.005	0.020	0.40%	0.93%
0	21	5.025	5.025	0.000	0.00%	0.00%
0	22	5.020	5.020	0.000	0.00%	0.00%
0	23	5.020	5.020	0.000	0.00%	0.00%
0	24	5.025	5.025	0.000	0.00%	0.00%
0	25	5.020	5.025	-0.005	-0.10%	0.23%
Max		5.030	5.025	0.020	0.40%	0.93%
Average		5.025	5.016	0.009	0.18%	0.47%
Min		5.020	5.005	-0.005	-0.10%	0.00%
Std Dev		0.004	0.008	0.011	0.21%	0.45%

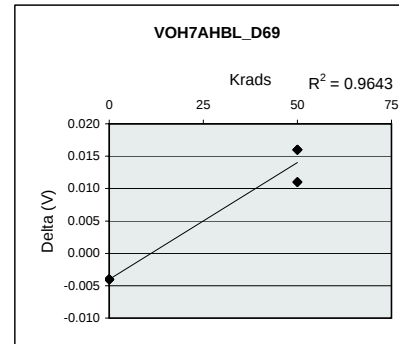


VOH7AHBL_D68		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.020	5.005
Average	5.023	5.008
Min	5.025	5.010
UL	6.000	6.000

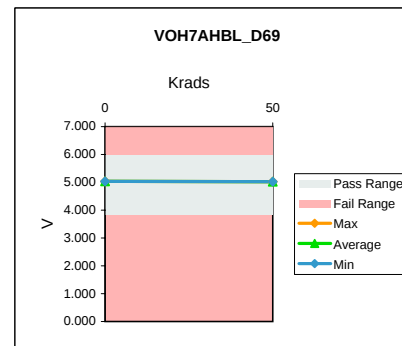


TID Report 50Krad (Si) 54AC00

VOH7AHBL_D69						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.034	5.018	0.016	0.32%	0.74%
50	2	5.029	5.018	0.011	0.22%	0.51%
50	3	5.034	5.018	0.016	0.32%	0.74%
50	4	5.034	5.018	0.016	0.32%	0.74%
50	5	5.029	5.018	0.011	0.22%	0.51%
0	21	5.029	5.033	-0.004	-0.08%	0.19%
0	22	5.034	5.038	-0.004	-0.08%	0.19%
0	23	5.029	5.033	-0.004	-0.08%	0.19%
0	24	5.029	5.033	-0.004	-0.08%	0.19%
0	25	5.029	5.033	-0.004	-0.08%	0.19%
Max		5.034	5.038	0.016	0.32%	0.74%
Average		5.031	5.026	0.005	0.10%	0.42%
Min		5.029	5.018	-0.004	-0.08%	0.19%
Std Dev		0.003	0.009	0.010	0.19%	0.26%

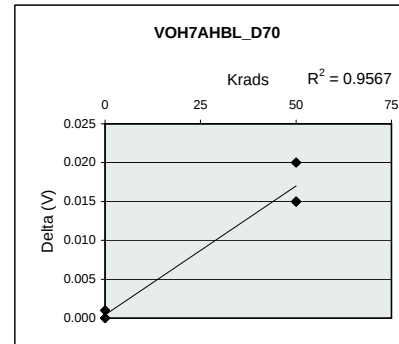


VOH7AHBL_D69		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.033	5.018
Average	5.034	5.018
Min	5.038	5.018
UL	6.000	6.000

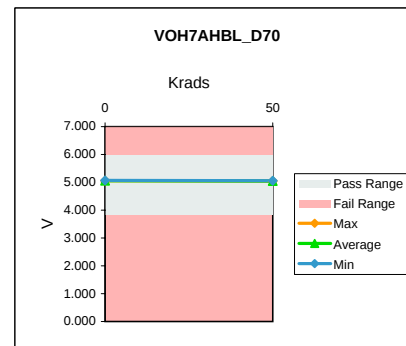


TID Report 50Krad (Si) 54AC00

VOH7AHBL_D70						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.067	5.047	0.020	0.39%	0.93%
50	2	5.058	5.043	0.015	0.30%	0.70%
50	3	5.067	5.052	0.015	0.30%	0.70%
50	4	5.077	5.057	0.020	0.39%	0.93%
50	5	5.062	5.047	0.015	0.30%	0.70%
0	21	5.067	5.067	0.000	0.00%	0.00%
0	22	5.062	5.062	0.000	0.00%	0.00%
0	23	5.058	5.057	0.001	0.02%	0.05%
0	24	5.062	5.062	0.000	0.00%	0.00%
0	25	5.058	5.057	0.001	0.02%	0.05%
Max		5.077	5.067	0.020	0.39%	0.93%
Average		5.064	5.055	0.009	0.17%	0.40%
Min		5.058	5.043	0.000	0.00%	0.00%
Std Dev		0.006	0.008	0.009	0.18%	0.42%

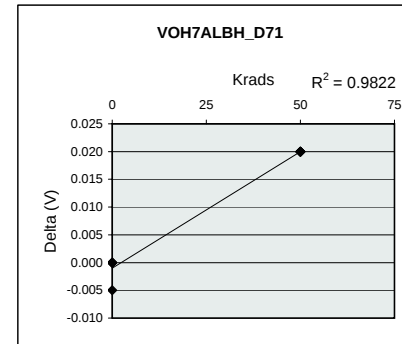


VOH7AHBL_D70		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.057	5.043
Average	5.061	5.049
Min	5.067	5.057
UL	6.000	6.000

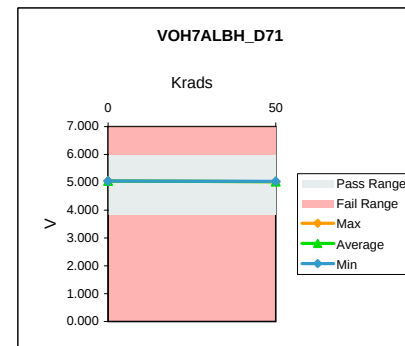


TID Report 50Krad (Si) 54AC00

VOH7ALBH_D71						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.052	5.032	0.020	0.40%	0.93%
50	2	5.047	5.027	0.020	0.40%	0.93%
50	3	5.042	5.022	0.020	0.40%	0.93%
50	4	5.047	5.027	0.020	0.40%	0.93%
50	5	5.047	5.027	0.020	0.40%	0.93%
0	21	5.047	5.047	0.000	0.00%	0.00%
0	22	5.042	5.047	-0.005	-0.10%	0.23%
0	23	5.042	5.042	0.000	0.00%	0.00%
0	24	5.047	5.047	0.000	0.00%	0.00%
0	25	5.042	5.042	0.000	0.00%	0.00%
Max		5.052	5.047	0.020	0.40%	0.93%
Average		5.045	5.036	0.009	0.19%	0.49%
Min		5.042	5.022	-0.005	-0.10%	0.00%
Std Dev		0.003	0.010	0.011	0.22%	0.47%

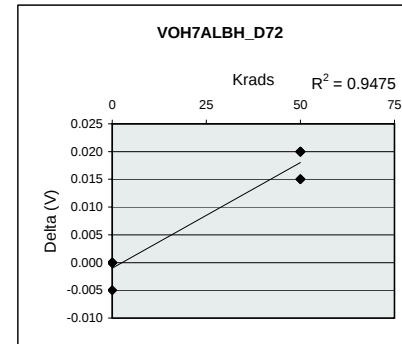


VOH7ALBH_D71		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.042	5.022
Average	5.045	5.027
Min	5.047	5.032
UL	6.000	6.000

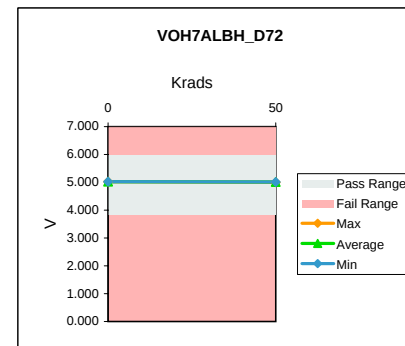


TID Report 50Krad (Si) 54AC00

VOH7ALBH_D72						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.030	5.010	0.020	0.40%	0.93%
50	2	5.025	5.010	0.015	0.30%	0.70%
50	3	5.020	5.005	0.015	0.30%	0.70%
50	4	5.030	5.010	0.020	0.40%	0.93%
50	5	5.025	5.005	0.020	0.40%	0.93%
0	21	5.025	5.025	0.000	0.00%	0.00%
0	22	5.020	5.020	0.000	0.00%	0.00%
0	23	5.020	5.020	0.000	0.00%	0.00%
0	24	5.025	5.025	0.000	0.00%	0.00%
0	25	5.020	5.025	-0.005	-0.10%	0.23%
Max		5.030	5.025	0.020	0.40%	0.93%
Average		5.024	5.016	0.008	0.17%	0.44%
Min		5.020	5.005	-0.005	-0.10%	0.00%
Std Dev		0.004	0.008	0.010	0.20%	0.43%

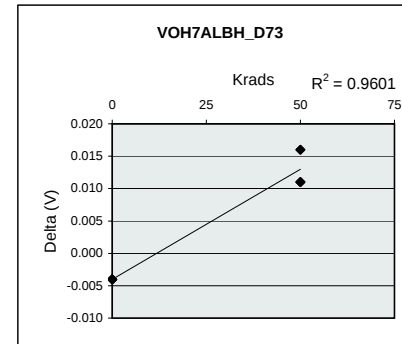


VOH7ALBH_D72		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.020	5.005
Average	5.023	5.008
Min	5.025	5.010
UL	6.000	6.000

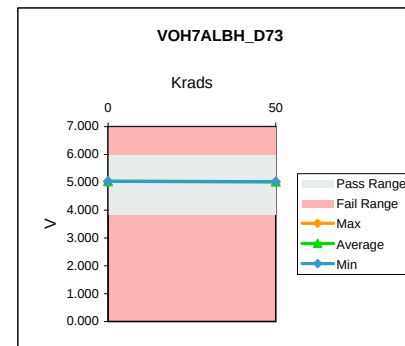


TID Report 50Krad (Si) 54AC00

VOH7ALBH_D73						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.034	5.018	0.016	0.32%	0.74%
50	2	5.029	5.018	0.011	0.22%	0.51%
50	3	5.034	5.018	0.016	0.32%	0.74%
50	4	5.034	5.023	0.011	0.22%	0.51%
50	5	5.029	5.018	0.011	0.22%	0.51%
0	21	5.029	5.033	-0.004	-0.08%	0.19%
0	22	5.034	5.038	-0.004	-0.08%	0.19%
0	23	5.029	5.033	-0.004	-0.08%	0.19%
0	24	5.029	5.033	-0.004	-0.08%	0.19%
0	25	5.029	5.033	-0.004	-0.08%	0.19%
Max		5.034	5.038	0.016	0.32%	0.74%
Average		5.031	5.027	0.004	0.09%	0.40%
Min		5.029	5.018	-0.004	-0.08%	0.19%
Std Dev		0.003	0.008	0.009	0.18%	0.24%

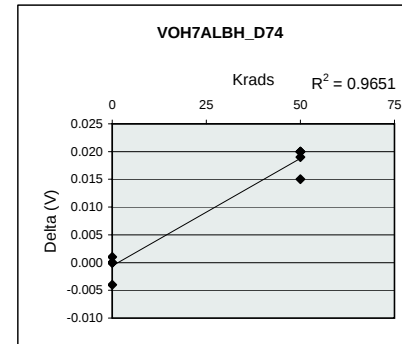


VOH7ALBH_D73		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.033	5.018
Average	5.034	5.019
Min	5.038	5.023
UL	6.000	6.000

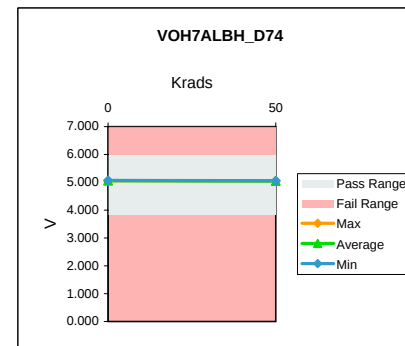


TID Report 50Krad (Si) 54AC00

VOH7ALBH_D74						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	V		V			
Max Limit	6		6			
Min Limit	3.85		3.85			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.067	5.047	0.020	0.39%	0.93%
50	2	5.058	5.043	0.015	0.30%	0.70%
50	3	5.072	5.052	0.020	0.39%	0.93%
50	4	5.077	5.057	0.020	0.39%	0.93%
50	5	5.062	5.043	0.019	0.38%	0.88%
0	21	5.067	5.067	0.000	0.00%	0.00%
0	22	5.062	5.062	0.000	0.00%	0.00%
0	23	5.058	5.057	0.001	0.02%	0.05%
0	24	5.062	5.062	0.000	0.00%	0.00%
0	25	5.053	5.057	-0.004	-0.08%	0.19%
Max		5.077	5.067	0.020	0.39%	0.93%
Average		5.064	5.055	0.009	0.18%	0.46%
Min		5.053	5.043	-0.004	-0.08%	0.00%
Std Dev		0.007	0.008	0.010	0.21%	0.44%

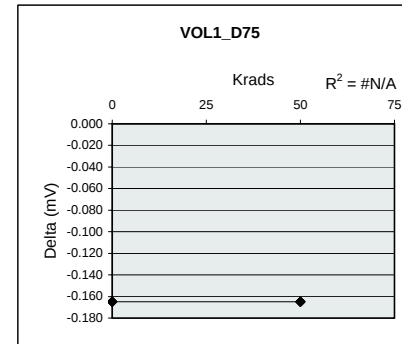


VOH7ALBH_D74		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	6	V
Min Limit	3.85	V
Krads	0	50
LL	3.850	3.850
Max	5.057	5.043
Average	5.061	5.048
Min	5.067	5.057
UL	6.000	6.000

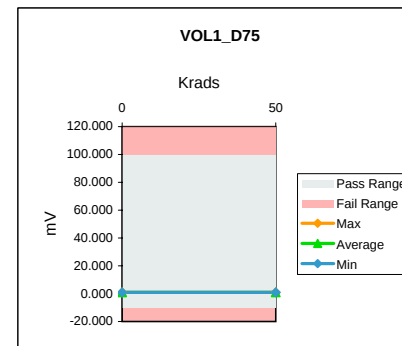


TID Report 50Krad (Si) 54AC00

VOL1_D75						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		100		100		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	0.713	0.878	-0.165	-23.13%	0.15%
50	2	0.713	0.878	-0.165	-23.13%	0.15%
50	3	0.713	0.878	-0.165	-23.13%	0.15%
50	4	0.713	0.878	-0.165	-23.13%	0.15%
50	5	0.713	0.878	-0.165	-23.13%	0.15%
0	21	0.713	0.878	-0.165	-23.13%	0.15%
0	22	0.713	0.878	-0.165	-23.13%	0.15%
0	23	0.713	0.878	-0.165	-23.13%	0.15%
0	24	0.713	0.878	-0.165	-23.13%	0.15%
0	25	0.713	0.878	-0.165	-23.13%	0.15%
Max		0.713	0.878	-0.165	-23.13%	0.15%
Average		0.713	0.878	-0.165	-23.13%	0.15%
Min		0.713	0.878	-0.165	-23.13%	0.15%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

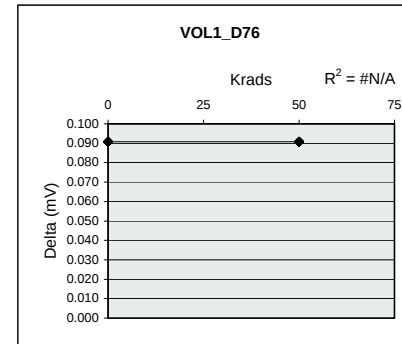


VOL1_D75		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	-10.000	-10.000
Max	0.878	0.878
Average	0.878	0.878
Min	0.878	0.878
UL	100.000	100.000

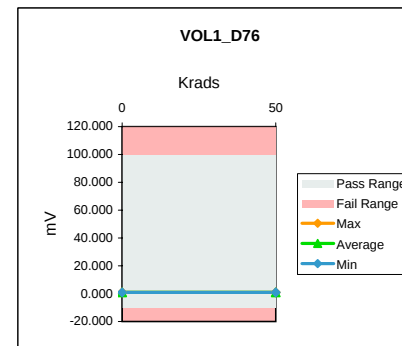


TID Report 50Krad (Si) 54AC00

VOL1_D76						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	1.038	0.947	0.091	8.75%	0.08%
50	2	1.038	0.947	0.091	8.75%	0.08%
50	3	1.038	0.947	0.091	8.75%	0.08%
50	4	1.038	0.947	0.091	8.75%	0.08%
50	5	1.038	0.947	0.091	8.75%	0.08%
0	21	1.038	0.947	0.091	8.75%	0.08%
0	22	1.038	0.947	0.091	8.75%	0.08%
0	23	1.038	0.947	0.091	8.75%	0.08%
0	24	1.038	0.947	0.091	8.75%	0.08%
0	25	1.038	0.947	0.091	8.75%	0.08%
Max		1.038	0.947	0.091	8.75%	0.08%
Average		1.038	0.947	0.091	8.75%	0.08%
Min		1.038	0.947	0.091	8.75%	0.08%
Std Dev		0.000	0.000	0.000	0.00%	0.00%

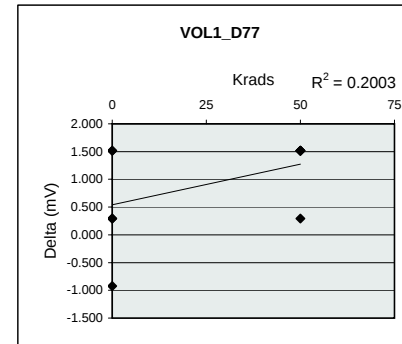


VOL1_D76		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	0.947	0.947
Average	0.947	0.947
Min	0.947	0.947
UL	100.000	100.000

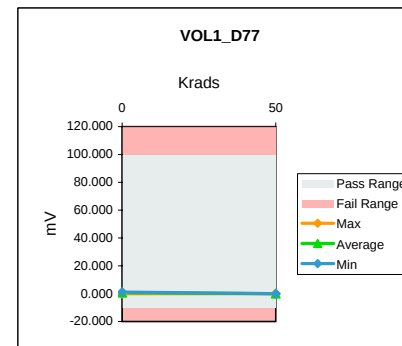


TID Report 50Krad (Si) 54AC00

VOL1_D77							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		mV		mV			
Max Limit		100		100			
Min Limit		-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	1.520	0.004	1.516	99.76%	1.38%	
50	2	1.520	0.004	1.516	99.76%	1.38%	
50	3	1.520	0.004	1.516	99.76%	1.38%	
50	4	0.300	0.004	0.296	98.78%	0.27%	
50	5	1.520	0.004	1.516	99.76%	1.38%	
0	21	1.520	1.226	0.294	19.34%	0.27%	
0	22	1.520	0.004	1.516	99.76%	1.38%	
0	23	0.300	1.226	-0.926	-309.00%	0.84%	
0	24	1.520	0.004	1.516	99.76%	1.38%	
0	25	1.520	1.226	0.294	19.34%	0.27%	
Max		1.520	1.226	1.516	99.76%	1.38%	
Average		1.276	0.370	0.906	42.70%	0.99%	
Min		0.300	0.004	-0.926	-309.00%	0.27%	
Std Dev		0.515	0.590	0.864	128.00%	0.53%	

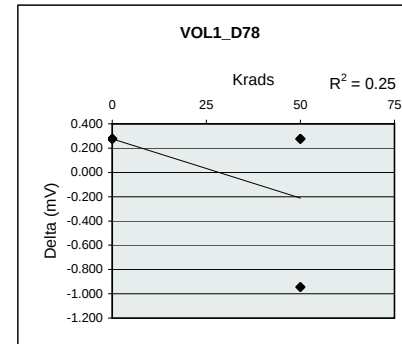


VOL1_D77		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	-10.000	-10.000
Max	0.004	0.004
Average	0.737	0.004
Min	1.226	0.004
UL	100.000	100.000

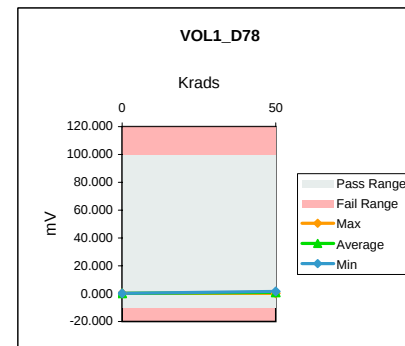


TID Report 50Krad (Si) 54AC00

VOL1_D78						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		100		100		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	0.612	0.335	0.276	45.18%	0.25%
50	2	0.612	0.335	0.276	45.18%	0.25%
50	3	0.612	0.335	0.276	45.18%	0.25%
50	4	0.612	1.556	-0.944	-154.28%	0.86%
50	5	0.612	1.556	-0.944	-154.28%	0.86%
0	21	0.612	0.335	0.276	45.18%	0.25%
0	22	0.612	0.335	0.276	45.18%	0.25%
0	23	0.612	0.335	0.276	45.18%	0.25%
0	24	0.612	0.335	0.276	45.18%	0.25%
0	25	0.612	0.335	0.276	45.18%	0.25%
Max		0.612	1.556	0.276	45.18%	0.86%
Average		0.612	0.580	0.032	5.28%	0.37%
Min		0.612	0.335	-0.944	-154.28%	0.25%
Std Dev		0.000	0.515	0.515	84.10%	0.26%

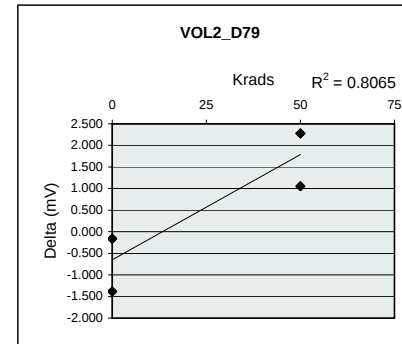


VOL1_D78		
Test Site		Sherman, Tx
Tester		IN581
Test Number		52030007
Max Limit		100 mV
Min Limit		-10 mV
Krads	0	50
LL	-10.000	-10.000
Max	0.335	0.335
Average	0.335	0.824
Min	0.335	1.556
UL	100.000	100.000

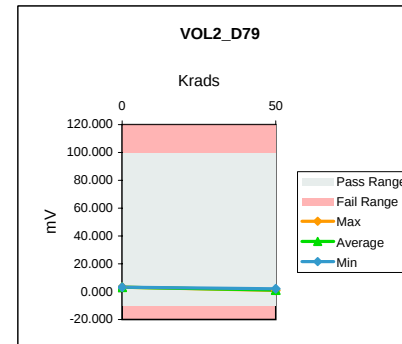


TID Report 50Krad (Si) 54AC00

VOL2_D79						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.155	0.878	2.277	72.19%	2.07%
50	2	1.934	0.878	1.056	54.63%	0.96%
50	3	3.155	0.878	2.277	72.19%	2.07%
50	4	3.155	2.099	1.056	33.47%	0.96%
50	5	3.155	0.878	2.277	72.19%	2.07%
0	21	3.155	3.320	-0.165	-5.23%	0.15%
0	22	3.155	3.320	-0.165	-5.23%	0.15%
0	23	1.934	3.320	-1.386	-71.66%	1.26%
0	24	1.934	3.320	-1.386	-71.66%	1.26%
0	25	3.155	3.320	-0.165	-5.23%	0.15%
Max		3.155	3.320	2.277	72.19%	2.07%
Average		2.789	2.221	0.568	14.56%	1.11%
Min		1.934	0.878	-1.386	-71.66%	0.15%
Std Dev		0.590	1.214	1.433	55.75%	0.79%

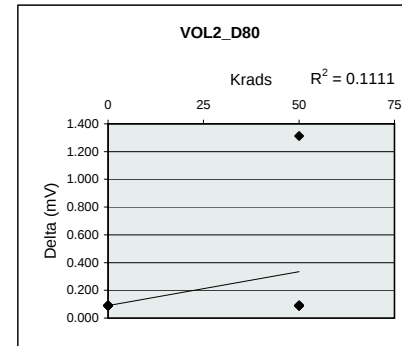


VOL2_D79		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	3.320	0.878
Average	3.320	1.122
Min	3.320	2.099
UL	100.000	100.000

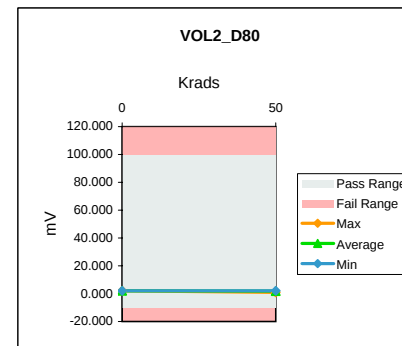


TID Report 50Krad (Si) 54AC00

VOL2_D80							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IN581		IM581			
Test Number		52030007		52030007			
Unit		mV		mV			
Max Limit		100		100			
Min Limit		-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	2.259	2.168	0.091	4.03%	0.08%	
50	2	2.259	0.947	1.312	58.07%	1.19%	
50	3	2.259	2.168	0.091	4.03%	0.08%	
50	4	2.259	2.168	0.091	4.03%	0.08%	
50	5	2.259	2.168	0.091	4.03%	0.08%	
0	21	2.259	2.168	0.091	4.03%	0.08%	
0	22	2.259	2.168	0.091	4.03%	0.08%	
0	23	2.259	2.168	0.091	4.03%	0.08%	
0	24	2.259	2.168	0.091	4.03%	0.08%	
0	25	2.259	2.168	0.091	4.03%	0.08%	
Max		2.259	2.168	1.312	58.07%	1.19%	
Average		2.259	2.046	0.213	9.43%	0.19%	
Min		2.259	0.947	0.091	4.03%	0.08%	
Std Dev		0.000	0.386	0.386	17.09%	0.35%	

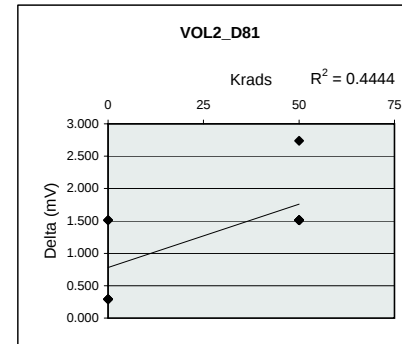


VOL2_D80			
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		100	mV
Min Limit		-10	mV
Krads		0	50
LL	-10.000	-10.000	
Max	2.168	0.947	
Average	2.168	1.924	
Min	2.168	2.168	
UL	100.000	100.000	

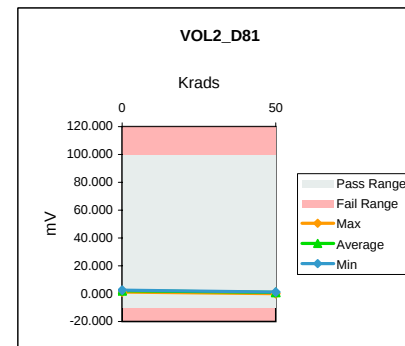


TID Report 50Krad (Si) 54AC00

VOL2_D81						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	2.740	1.226	1.514	55.26%	1.38%
50	2	2.740	1.226	1.514	55.26%	1.38%
50	3	2.740	1.226	1.514	55.26%	1.38%
50	4	2.740	1.226	1.514	55.26%	1.38%
50	5	2.740	0.004	2.736	99.87%	2.49%
0	21	2.740	2.448	0.292	10.66%	0.27%
0	22	2.740	2.448	0.292	10.66%	0.27%
0	23	2.740	2.448	0.292	10.66%	0.27%
0	24	2.740	1.226	1.514	55.26%	1.38%
0	25	2.740	1.226	1.514	55.26%	1.38%
Max		2.740	2.448	2.736	99.87%	2.49%
Average		2.740	1.470	1.270	46.34%	1.15%
Min		2.740	0.004	0.292	10.66%	0.27%
Std Dev		0.000	0.773	0.773	28.21%	0.70%

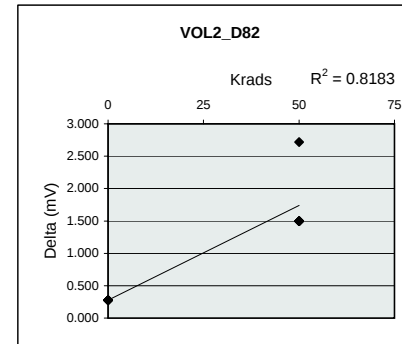


VOL2_D81		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	1.226	0.004
Average	1.959	0.982
Min	2.448	1.226
UL	100.000	100.000

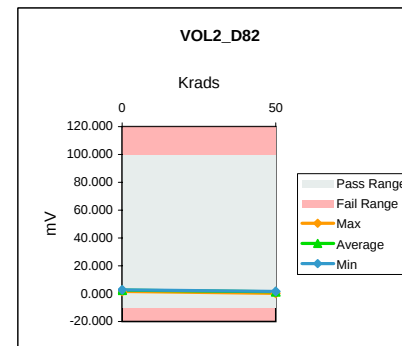


TID Report 50Krad (Si) 54AC00

VOL2_D82						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.053	1.556	1.497	49.03%	1.36%
50	2	3.053	0.335	2.718	89.01%	2.47%
50	3	3.053	1.556	1.497	49.03%	1.36%
50	4	3.053	1.556	1.497	49.03%	1.36%
50	5	3.053	1.556	1.497	49.03%	1.36%
0	21	3.053	2.777	0.276	9.04%	0.25%
0	22	1.832	1.556	0.276	15.07%	0.25%
0	23	3.053	2.777	0.276	9.04%	0.25%
0	24	3.053	2.777	0.276	9.04%	0.25%
0	25	3.053	2.777	0.276	9.04%	0.25%
Max		3.053	2.777	2.718	89.01%	2.47%
Average		2.931	1.922	1.009	33.64%	0.92%
Min		1.832	0.335	0.276	9.04%	0.25%
Std Dev		0.386	0.824	0.854	27.45%	0.78%

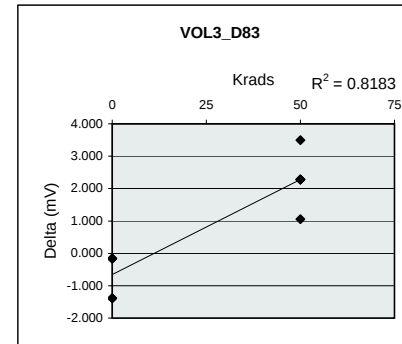


VOL2_D82		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	1.556	0.335
Average	2.533	1.312
Min	2.777	1.556
UL	100.000	100.000

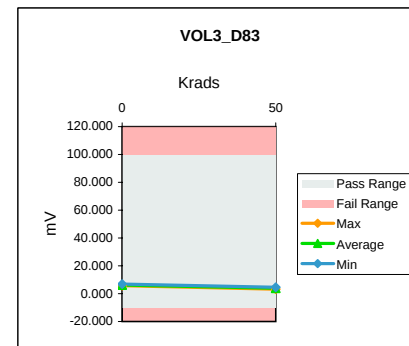


TID Report 50Krad (Si) 54AC00

VOL3_D83						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	6.819	4.541	2.278	33.41%	2.07%
50	2	5.598	4.541	1.057	18.88%	0.96%
50	3	5.598	3.320	2.278	40.69%	2.07%
50	4	6.819	3.320	3.499	51.31%	3.18%
50	5	5.598	3.320	2.278	40.69%	2.07%
0	21	5.598	6.984	-1.386	-24.76%	1.26%
0	22	5.598	6.984	-1.386	-24.76%	1.26%
0	23	5.598	5.763	-0.165	-2.95%	0.15%
0	24	5.598	5.763	-0.165	-2.95%	0.15%
0	25	5.598	5.763	-0.165	-2.95%	0.15%
Max		6.819	6.984	3.499	51.31%	3.18%
Average		5.842	5.030	0.812	12.66%	1.33%
Min		5.598	3.320	-1.386	-24.76%	0.15%
Std Dev		0.515	1.434	1.708	28.02%	1.02%

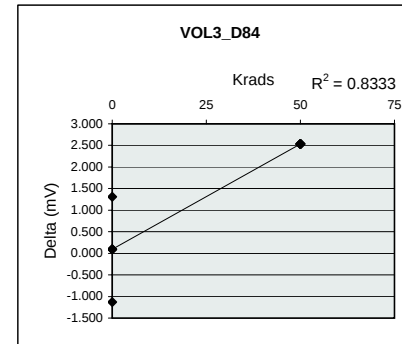


VOL3_D83		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	5.763	3.320
Average	6.251	3.808
Min	6.984	4.541
UL	100.000	100.000

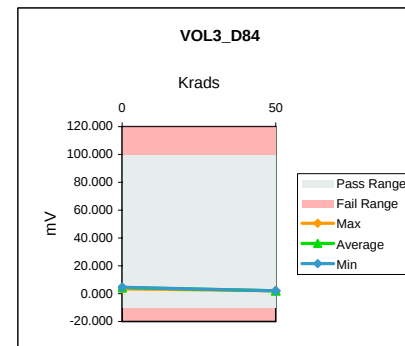


TID Report 50Krad (Si) 54AC00

VOL3_D84						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.701	2.168	2.533	53.88%	2.30%
50	2	4.701	2.168	2.533	53.88%	2.30%
50	3	4.701	2.168	2.533	53.88%	2.30%
50	4	4.701	2.168	2.533	53.88%	2.30%
50	5	4.701	2.168	2.533	53.88%	2.30%
0	21	4.701	4.610	0.091	1.94%	0.08%
0	22	4.701	4.610	0.091	1.94%	0.08%
0	23	4.701	4.610	0.091	1.94%	0.08%
0	24	4.701	3.389	1.312	27.91%	1.19%
0	25	3.480	4.610	-1.130	-32.47%	1.03%
Max		4.701	4.610	2.533	53.88%	2.30%
Average		4.579	3.267	1.312	27.07%	1.40%
Min		3.480	2.168	-1.130	-32.47%	0.08%
Std Dev		0.386	1.214	1.410	31.69%	1.03%

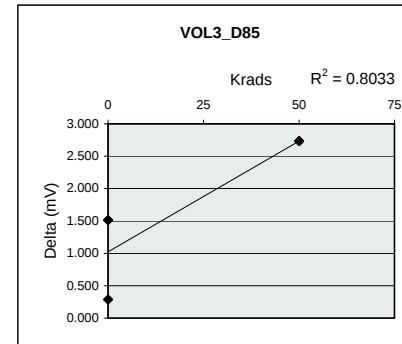


VOL3_D84		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	3.389	2.168
Average	4.366	2.168
Min	4.610	2.168
UL	100.000	100.000

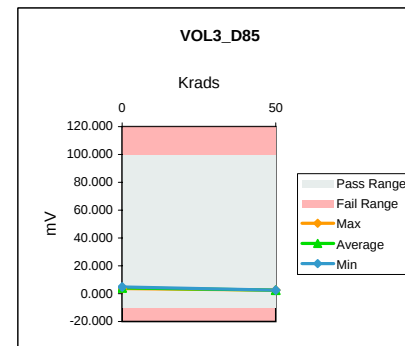


TID Report 50Krad (Si) 54AC00

VOL3_D85						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.180	2.448	2.732	52.74%	2.48%
50	2	5.180	2.448	2.732	52.74%	2.48%
50	3	5.180	2.448	2.732	52.74%	2.48%
50	4	5.180	2.448	2.732	52.74%	2.48%
50	5	5.180	2.448	2.732	52.74%	2.48%
0	21	5.180	4.892	0.288	5.56%	0.26%
0	22	5.180	3.670	1.510	29.15%	1.37%
0	23	5.180	4.892	0.288	5.56%	0.26%
0	24	5.180	3.670	1.510	29.15%	1.37%
0	25	5.180	3.670	1.510	29.15%	1.37%
Max		5.180	4.892	2.732	52.74%	2.48%
Average		5.180	3.303	1.877	36.23%	1.71%
Min		5.180	2.448	0.288	5.56%	0.26%
Std Dev		0.000	1.006	1.006	19.42%	0.91%

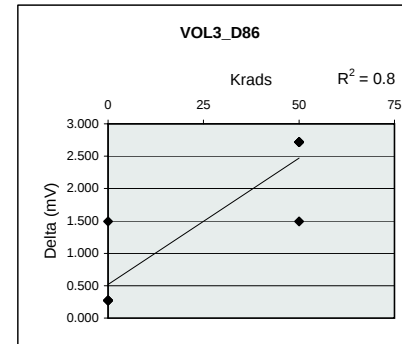


VOL3_D85		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	3.670	2.448
Average	4.159	2.448
Min	4.892	2.448
UL	100.000	100.000

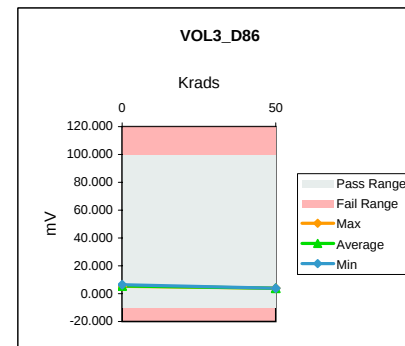


TID Report 50Krad (Si) 54AC00

VOL3_D86						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	100		100			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	6.714	3.998	2.716	40.45%	2.47%
50	2	5.493	3.998	1.495	27.22%	1.36%
50	3	6.714	3.998	2.716	40.45%	2.47%
50	4	6.714	3.998	2.716	40.45%	2.47%
50	5	6.714	3.998	2.716	40.45%	2.47%
0	21	6.714	5.219	1.495	22.27%	1.36%
0	22	5.493	5.219	0.274	4.99%	0.25%
0	23	5.493	5.219	0.274	4.99%	0.25%
0	24	5.493	5.219	0.274	4.99%	0.25%
0	25	6.714	6.440	0.274	4.08%	0.25%
Max		6.714	6.440	2.716	40.45%	2.47%
Average		6.226	4.731	1.495	23.03%	1.36%
Min		5.493	3.998	0.274	4.08%	0.25%
Std Dev		0.631	0.854	1.151	16.89%	1.05%

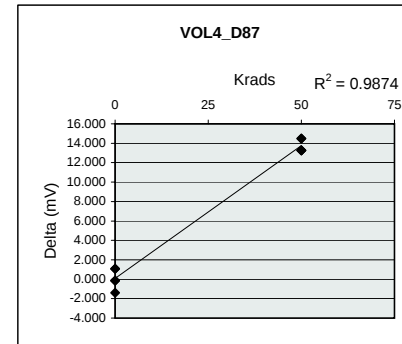


VOL3_D86		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	100	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	5.219	3.998
Average	5.463	3.998
Min	6.440	3.998
UL	100.000	100.000

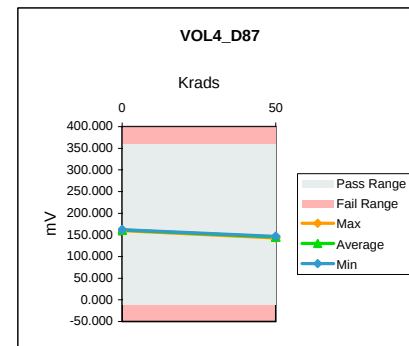


TID Report 50Krad (Si) 54AC00

VOL4_D87						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	360		360			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	159.488	144.993	14.495	9.09%	3.92%
50	2	160.709	146.214	14.495	9.02%	3.92%
50	3	159.488	146.214	13.274	8.32%	3.59%
50	4	155.824	142.550	13.274	8.52%	3.59%
50	5	159.488	146.214	13.274	8.32%	3.59%
0	21	158.266	159.648	-1.382	-0.87%	0.37%
0	22	163.152	162.091	1.061	0.65%	0.29%
0	23	161.930	162.091	-0.161	-0.10%	0.04%
0	24	160.709	160.870	-0.161	-0.10%	0.04%
0	25	161.930	160.870	1.060	0.65%	0.29%
Max		163.152	162.091	14.495	9.09%	3.92%
Average		160.098	153.176	6.923	4.35%	1.96%
Min		155.824	142.550	-1.382	-0.87%	0.04%
Std Dev		2.096	8.462	7.255	4.56%	1.86%

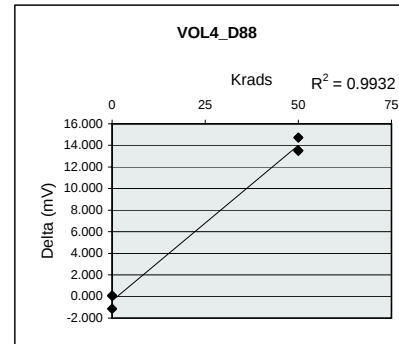


VOL4_D87		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	159.648	142.550
Average	161.114	145.237
Min	162.091	146.214
UL	360.000	360.000

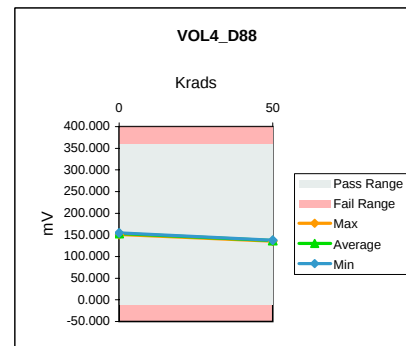


TID Report 50Krad (Si) 54AC00

VOL4_D88						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	360		360			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	152.440	137.705	14.735	9.67%	3.98%
50	2	151.219	137.705	13.514	8.94%	3.65%
50	3	152.440	137.705	14.735	9.67%	3.98%
50	4	148.777	135.263	13.514	9.08%	3.65%
50	5	151.219	137.705	13.514	8.94%	3.65%
0	21	149.998	151.137	-1.139	-0.76%	0.31%
0	22	154.882	154.800	0.082	0.05%	0.02%
0	23	153.661	154.800	-1.139	-0.74%	0.31%
0	24	152.440	152.358	0.082	0.05%	0.02%
0	25	152.440	152.358	0.082	0.05%	0.02%
Max		154.882	154.800	14.735	9.67%	3.98%
Average		151.952	145.154	6.798	4.49%	1.96%
Min		148.777	135.263	-1.139	-0.76%	0.02%
Std Dev		1.746	8.469	7.620	5.04%	1.93%

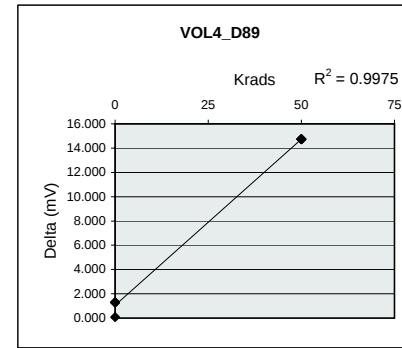


VOL4_D88		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	151.137	135.263
Average	153.091	137.217
Min	154.800	137.705
UL	360.000	360.000

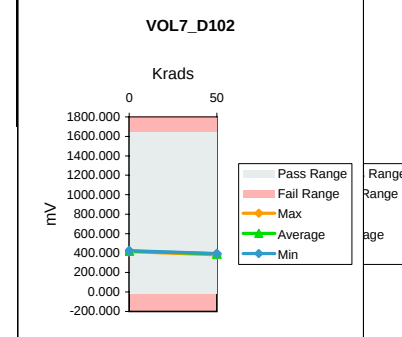


TID Report 50Krad (Si) 54AC00

VOL4_D89						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	360		360			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	152.821	138.091	14.730	9.64%	3.98%
50	2	152.821	138.091	14.730	9.64%	3.98%
50	3	151.600	136.869	14.731	9.72%	3.98%
50	4	149.160	134.425	14.735	9.88%	3.98%
50	5	152.821	138.091	14.730	9.64%	3.98%
0	21	151.600	151.533	0.067	0.04%	0.02%
0	22	154.041	152.755	1.286	0.83%	0.35%
0	23	155.261	153.977	1.284	0.83%	0.35%
0	24	154.041	152.755	1.286	0.83%	0.35%
0	25	154.041	152.755	1.286	0.83%	0.35%
Max		155.261	153.977	14.735	9.88%	3.98%
Average		152.821	144.934	7.886	5.19%	2.13%
Min		149.160	134.425	0.067	0.04%	0.02%
Std Dev		1.726	8.332	7.224	4.76%	1.95%



VOL4_D89	
Test Site	Sherman, Tx
Tester	IN581
Test Number	52030007
Max Limit	360 mV
Min Limit	-10 mV
Krads	0 50



TID Report 50Krad (Si) 54AC00

VOL4_D90		
Test Site	Sherman, Tx	Sherman, Tx
Tester	IN581	IM581
Test Number	52030007	52030007
Unit	mV	mV
Max Limit	360	360
Min Limit	-10	-10

Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	159.253	143.175	16.078	10.10%	4.35%
50	2	159.253	144.395	14.858	9.33%	4.02%
50	3	156.813	143.175	13.638	8.70%	3.69%
50	4	151.931	139.512	12.419	8.17%	3.36%
50	5	158.033	143.175	14.858	9.40%	4.02%
0	21	156.813	155.383	1.430	0.91%	0.39%
0	22	160.473	160.266	0.207	0.13%	0.06%
0	23	160.473	160.266	0.207	0.13%	0.06%
0	24	159.253	159.045	0.208	0.13%	0.06%
0	25	160.473	160.266	0.207	0.13%	0.06%
	Max	160.473	160.266	16.078	10.10%	4.35%
	Average	158.277	150.866	7.411	4.71%	2.00%
	Min	151.931	139.512	0.207	0.13%	0.06%
	Std Dev	2.623	8.823	7.403	4.70%	2.00%

VOL4_D90		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	155.383	139.512
Average	159.045	142.686
Min	160.266	144.395
UL	360.000	360.000

TID Report 50Krad (Si) 54AC00

VOL5_D91						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		360		360		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	230.326	213.386	16.940	7.35%	4.58%
50	2	230.326	215.829	14.497	6.29%	3.92%
50	3	229.105	214.608	14.497	6.33%	3.92%
50	4	225.441	212.165	13.276	5.89%	3.59%
50	5	230.326	215.829	14.497	6.29%	3.92%
0	21	229.105	229.263	-0.158	-0.07%	0.04%
0	22	233.990	232.927	1.063	0.45%	0.29%
0	23	232.769	232.927	-0.158	-0.07%	0.04%
0	24	230.326	230.485	-0.159	-0.07%	0.04%
0	25	232.769	231.706	1.063	0.46%	0.29%
Max		233.990	232.927	16.940	7.35%	4.58%
Average		230.448	222.912	7.536	3.29%	2.06%
Min		225.441	212.165	-0.159	-0.07%	0.04%
Std Dev		2.405	9.136	7.661	3.34%	2.04%

VOL5_D91		
Test Site		Sherman, Tx
Tester		IN581
Test Number		52030007
Max Limit		360 mV
Min Limit		-10 mV
Krads		0 50
LL		-10.000 -10.000
Max		229.263 212.165
Average		231.462 214.363
Min		232.927 215.829
UL		360.000 360.000

TID Report 50Krad (Si) 54AC00

		VOL5_D92				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IN581	IM581			
Test Number		52030007	52030007			
Unit		mV	mV			
Max Limit		360	360			
Min Limit		-10	-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	214.710	199.979	14.731	6.86%	3.98%
50	2	214.710	199.979	14.731	6.86%	3.98%
50	3	214.710	199.979	14.731	6.86%	3.98%
50	4	209.826	196.316	13.510	6.44%	3.65%
50	5	213.489	199.979	13.510	6.33%	3.65%
0	21	212.268	213.411	-1.143	-0.54%	0.31%
0	22	217.152	217.074	0.078	0.04%	0.02%
0	23	217.152	217.074	0.078	0.04%	0.02%
0	24	214.710	214.632	0.078	0.04%	0.02%
0	25	215.931	214.632	1.299	0.60%	0.35%
	Max	217.152	217.074	14.731	6.86%	3.98%
	Average	214.466	207.306	7.160	3.35%	2.00%
	Min	209.826	196.316	-1.143	-0.54%	0.02%
	Std Dev	2.214	8.634	7.501	3.51%	1.96%

		VOL5_D92	
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		360	mV
Min Limit		-10	mV
Krads		0	50
LL		-10.000	-10.000
Max		213.411	196.316
Average		215.365	199.246
Min		217.074	199.979
UL		360.000	360.000

TID Report 50Krad (Si) 54AC00

VOL5_D93		
Test Site	Sherman, Tx	Sherman, Tx
Tester	IN581	IM581
Test Number	52030007	52030007
Unit	mV	mV
Max Limit	360	360
Min Limit	-10	-10

Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	216.269	200.414	15.855	7.33%	4.29%
50	2	216.269	200.414	15.855	7.33%	4.29%
50	3	213.829	199.192	14.637	6.85%	3.96%
50	4	210.168	195.526	14.642	6.97%	3.96%
50	5	216.269	200.414	15.855	7.33%	4.29%
0	21	213.829	213.856	-0.027	-0.01%	0.01%
0	22	217.489	216.300	1.189	0.55%	0.32%
0	23	217.489	217.522	-0.033	-0.02%	0.01%
0	24	216.269	215.078	1.191	0.55%	0.32%
0	25	217.489	215.078	2.411	1.11%	0.65%
	Max	217.489	217.522	15.855	7.33%	4.29%
	Average	215.537	207.379	8.157	3.80%	2.21%
	Min	210.168	195.526	-0.033	-0.02%	0.01%
	Std Dev	2.315	8.794	7.645	3.56%	2.06%

VOL5_D93		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	213.856	195.526
Average	215.567	199.192
Min	217.522	200.414
UL	360.000	360.000

TID Report 50Krad (Si) 54AC00

VOL5_D94						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	360		360			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	228.811	211.542	17.269	7.55%	4.67%
50	2	227.591	212.763	14.828	6.52%	4.01%
50	3	225.150	210.321	14.829	6.59%	4.01%
50	4	220.269	206.658	13.611	6.18%	3.68%
50	5	226.371	211.542	14.829	6.55%	4.01%
0	21	225.150	223.750	1.400	0.62%	0.38%
0	22	230.031	229.855	0.176	0.08%	0.05%
0	23	230.031	229.855	0.176	0.08%	0.05%
0	24	227.591	228.634	-1.043	-0.46%	0.28%
0	25	230.031	228.634	1.397	0.61%	0.38%
Max		230.031	229.855	17.269	7.55%	4.67%
Average		227.103	219.355	7.747	3.43%	2.15%
Min		220.269	206.658	-1.043	-0.46%	0.05%
Std Dev		3.055	9.547	7.803	3.45%	2.04%

VOL5_D94		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	223.750	206.658
Average	228.146	210.565
Min	229.855	212.763
UL	360.000	360.000

TID Report 50Krad (Si)

54AC00

VOL6_D95						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IN581		IM581			
Test Number	52030007		52030007			
Unit	mV		mV			
Max Limit	360		360			
Min Limit	-10		-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	201.014	188.960	12.054	6.00%	3.26%
50	2	202.235	190.181	12.054	5.96%	3.26%
50	3	201.014	188.960	12.054	6.00%	3.26%
50	4	198.571	186.517	12.054	6.07%	3.26%
50	5	201.014	190.181	10.833	5.39%	2.93%
0	21	199.792	201.173	-1.381	-0.69%	0.37%
0	22	203.456	203.616	-0.160	-0.08%	0.04%
0	23	203.456	203.616	-0.160	-0.08%	0.04%
0	24	201.014	201.173	-0.159	-0.08%	0.04%
0	25	203.456	202.394	1.062	0.52%	0.29%
Max		203.456	203.616	12.054	6.07%	3.26%
Average		201.502	195.677	5.825	2.90%	1.67%
Min		198.571	186.517	-1.381	-0.69%	0.04%
Std Dev		1.649	7.197	6.345	3.16%	1.61%

VOL6_D95		
Test Site	Sherman, Tx	
Tester	IN581	
Test Number	52030007	
Max Limit	360	mV
Min Limit	-10	mV
Krads	0	50
LL	-10.000	-10.000
Max	201.173	186.517
Average	202.394	188.960
Min	203.616	190.181
UL	360.000	360.000

TID Report 50Krad (Si) 54AC00

VOL6_D96						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		360		360		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	185.406	174.337	11.069	5.97%	2.99%
50	2	184.186	173.116	11.070	6.01%	2.99%
50	3	185.406	173.116	12.290	6.63%	3.32%
50	4	181.744	170.674	11.070	6.09%	2.99%
50	5	184.186	173.116	11.070	6.01%	2.99%
0	21	182.965	184.105	-1.140	-0.62%	0.31%
0	22	187.848	186.548	1.300	0.69%	0.35%
0	23	186.628	186.548	0.080	0.04%	0.02%
0	24	184.186	185.326	-1.140	-0.62%	0.31%
0	25	185.406	184.105	1.301	0.70%	0.35%
Max		187.848	186.548	12.290	6.63%	3.32%
Average		184.796	179.099	5.697	3.09%	1.66%
Min		181.744	170.674	-1.140	-0.62%	0.02%
Std Dev		1.750	6.674	5.987	3.25%	1.48%

VOL6_D96		
Test Site		Sherman, Tx
Tester		IN581
Test Number		52030007
Max Limit		360 mV
Min Limit		-10 mV
Krads		0 50
LL	-10.000	-10.000
Max	184.105	170.674
Average	185.326	172.872
Min	186.548	174.337
UL	360.000	360.000

TID Report 50Krad (Si) 54AC00

VOL6_D97						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		360		360		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	186.985	174.751	12.234	6.54%	3.31%
50	2	186.985	174.751	12.234	6.54%	3.31%
50	3	184.545	173.529	11.016	5.97%	2.98%
50	4	182.105	171.085	11.020	6.05%	2.98%
50	5	186.985	174.751	12.234	6.54%	3.31%
0	21	184.545	184.527	0.018	0.01%	0.00%
0	22	188.205	186.971	1.234	0.66%	0.33%
0	23	188.205	186.971	1.234	0.66%	0.33%
0	24	186.985	185.749	1.236	0.66%	0.33%
0	25	186.985	185.749	1.236	0.66%	0.33%
Max		188.205	186.971	12.234	6.54%	3.31%
Average		186.253	179.883	6.370	3.43%	1.72%
Min		182.105	171.085	0.018	0.01%	0.00%
Std Dev		1.925	6.563	5.698	3.07%	1.54%

VOL6_D97		
Test Site		Sherman, Tx
Tester		IN581
Test Number		52030007
Max Limit		360 mV
Min Limit		-10 mV
Krads		0 50
LL		-10.000 -10.000
Max		184.527 171.085
Average		185.993 173.773
Min		186.971 174.751
UL		360.000 360.000

TID Report 50Krad (Si) 54AC00

VOL6_D98						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IN581		IM581		
Test Number		52030007		52030007		
Unit		mV		mV		
Max Limit		360		360		
Min Limit		-10		-10		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	200.744	187.125	13.619	6.78%	3.68%
50	2	198.303	187.125	11.178	5.64%	3.02%
50	3	197.083	185.904	11.179	5.67%	3.02%
50	4	192.202	182.242	9.960	5.18%	2.69%
50	5	198.303	185.904	12.399	6.25%	3.35%
0	21	197.083	195.671	1.412	0.72%	0.38%
0	22	200.744	200.554	0.190	0.09%	0.05%
0	23	200.744	200.554	0.190	0.09%	0.05%
0	24	199.524	200.554	-1.030	-0.52%	0.28%
0	25	200.744	200.554	0.190	0.09%	0.05%
Max		200.744	200.554	13.619	6.78%	3.68%
Average		198.547	192.619	5.929	3.00%	1.66%
Min		192.202	182.242	-1.030	-0.52%	0.05%
Std Dev		2.686	7.597	6.146	3.10%	1.60%

VOL6_D98		
Test Site		Sherman, Tx
Tester		IN581
Test Number		52030007
Max Limit		360 mV
Min Limit		-10 mV
Krads		0 50
LL		-10.000 -10.000
Max		195.671 182.242
Average		199.577 185.660
Min		200.554 187.125
UL		360.000 360.000

TID Report 50Krad (Si) 54AC00

		VOL7_D99				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IN581	IM581			
Test Number		52030007	52030007			
Unit		mV	mV			
Max Limit		1650	1650			
Min Limit		-10	-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	424.520	397.805	26.715	6.29%	1.61%
50	2	425.741	401.469	24.272	5.70%	1.46%
50	3	423.299	400.248	23.051	5.45%	1.39%
50	4	417.192	394.141	23.051	5.53%	1.39%
50	5	424.520	401.469	23.051	5.43%	1.39%
0	21	422.077	423.452	-1.375	-0.33%	0.08%
0	22	430.627	429.559	1.068	0.25%	0.06%
0	23	429.405	428.338	1.067	0.25%	0.06%
0	24	424.520	425.895	-1.375	-0.32%	0.08%
0	25	428.184	427.117	1.067	0.25%	0.06%
	Max	430.627	429.559	26.715	6.29%	1.61%
	Average	425.008	412.949	12.059	2.85%	0.76%
	Min	417.192	394.141	-1.375	-0.33%	0.06%
	Std Dev	3.871	14.905	12.692	3.00%	0.73%

		VOL7_D99	
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		1650	mV
Min Limit		-10	mV
Krads		0	50
LL		-10.000	-10.000
Max		423.452	394.141
Average		426.872	399.026
Min		429.559	401.469
UL		1650.000	1650.000

TID Report 50Krad (Si) 54AC00

		VOL7_D100				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IN581	IM581			
Test Number		52030007	52030007			
Unit		mV	mV			
Max Limit		1650	1650			
Min Limit		-10	-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	391.752	368.485	23.267	5.94%	1.40%
50	2	389.310	367.264	22.046	5.66%	1.33%
50	3	390.531	367.264	23.267	5.96%	1.40%
50	4	383.205	361.158	22.047	5.75%	1.33%
50	5	389.310	367.264	22.046	5.66%	1.33%
0	21	386.868	388.022	-1.154	-0.30%	0.07%
0	22	395.415	395.348	0.067	0.02%	0.00%
0	23	394.194	395.348	-1.154	-0.29%	0.07%
0	24	390.531	390.464	0.067	0.02%	0.00%
0	25	392.973	390.464	2.509	0.64%	0.15%
	Max	395.415	395.348	23.267	5.96%	1.40%
	Average	390.409	379.108	11.301	2.91%	0.71%
	Min	383.205	361.158	-1.154	-0.30%	0.00%
	Std Dev	3.569	13.827	11.892	3.06%	0.69%

		VOL7_D100	
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		1650	mV
Min Limit		-10	mV
Krads		0	50
LL		-10.000	-10.000
Max		388.022	361.158
Average		391.929	366.287
Min		395.348	368.485
UL		1650.000	1650.000

TID Report 50Krad (Si) 54AC00

		VOL7_D101				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IN581	IM581			
Test Number		52030007	52030007			
Unit		mV	mV			
Max Limit		1650	1650			
Min Limit		-10	-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	395.634	370.273	25.361	6.41%	1.53%
50	2	394.414	370.273	24.141	6.12%	1.45%
50	3	389.533	366.607	22.926	5.89%	1.38%
50	4	383.432	361.719	21.713	5.66%	1.31%
50	5	393.194	370.273	22.921	5.83%	1.38%
0	21	389.533	389.825	-0.292	-0.07%	0.02%
0	22	396.854	395.936	0.918	0.23%	0.06%
0	23	396.854	397.158	-0.304	-0.08%	0.02%
0	24	394.414	393.492	0.922	0.23%	0.06%
0	25	395.634	393.492	2.142	0.54%	0.13%
	Max	396.854	397.158	25.361	6.41%	1.53%
	Average	392.950	380.905	12.045	3.08%	0.73%
	Min	383.432	361.719	-0.304	-0.08%	0.02%
	Std Dev	4.258	14.135	12.037	3.07%	0.72%

		VOL7_D101	
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		1650	mV
Min Limit		-10	mV
Krads		0	50
LL		-10.000	-10.000
Max		389.825	361.719
Average		393.981	367.829
Min		397.158	370.273
UL		1650.000	1650.000

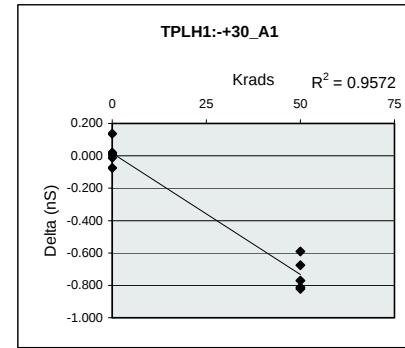
TID Report 50Krad (Si) 54AC00

		VOL7_D102				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IN581	IM581			
Test Number		52030007	52030007			
Unit		mV	mV			
Max Limit		1650	1650			
Min Limit		-10	-10			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	420.401	393.448	26.953	6.41%	1.62%
50	2	419.181	395.890	23.291	5.56%	1.40%
50	3	414.299	391.006	23.293	5.62%	1.40%
50	4	405.757	383.681	22.076	5.44%	1.33%
50	5	416.740	393.448	23.292	5.59%	1.40%
0	21	414.299	414.202	0.097	0.02%	0.01%
0	22	424.062	423.969	0.093	0.02%	0.01%
0	23	422.842	422.748	0.094	0.02%	0.01%
0	24	420.401	421.528	-1.127	-0.27%	0.07%
0	25	422.842	421.528	1.314	0.31%	0.08%
	Max	424.062	423.969	26.953	6.41%	1.62%
	Average	418.082	406.145	11.938	2.87%	0.73%
	Min	405.757	383.681	-1.127	-0.27%	0.01%
	Std Dev	5.531	15.962	12.558	3.02%	0.74%

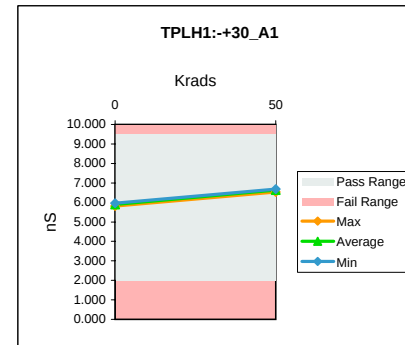
		VOL7_D102	
Test Site		Sherman, Tx	
Tester		IN581	
Test Number		52030007	
Max Limit		1650	mV
Min Limit		-10	mV
Krads		0	50
LL		-10.000	-10.000
Max		414.202	383.681
Average		420.795	391.495
Min		423.969	395.890
UL		1650.000	1650.000

TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A1						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.921	6.596	-0.675	-11.40%	9.00%
50	2	5.953	6.543	-0.590	-9.91%	7.87%
50	3	5.911	6.681	-0.770	-13.03%	10.27%
50	4	5.879	6.691	-0.812	-13.81%	10.83%
50	5	5.868	6.691	-0.823	-14.03%	10.97%
0	21	5.942	5.805	0.137	2.31%	1.83%
0	22	5.868	5.858	0.010	0.17%	0.13%
0	23	5.868	5.879	-0.011	-0.19%	0.15%
0	24	5.879	5.953	-0.074	-1.26%	0.99%
0	25	5.974	5.953	0.021	0.35%	0.28%
Max		5.974	6.691	0.137	2.31%	10.97%
Average		5.906	6.265	-0.359	-6.08%	5.23%
Min		5.868	5.805	-0.823	-14.03%	0.13%
Std Dev		0.040	0.401	0.404	6.85%	4.91%

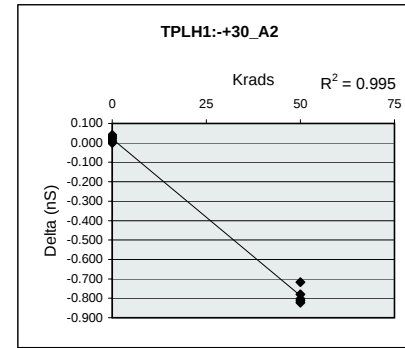


TPLH1:-+30_A1		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.805	6.543
Average	5.890	6.640
Min	5.953	6.691
UL	9.500	9.500

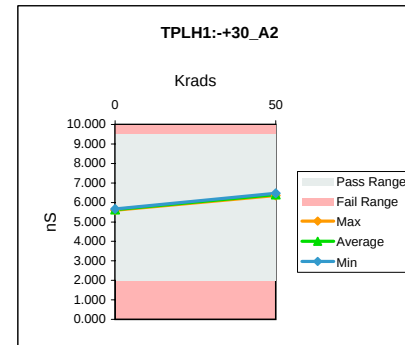


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A2						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.579	6.402	-0.823	-14.75%	10.97%
50	2	5.632	6.349	-0.717	-12.73%	9.56%
50	3	5.664	6.444	-0.780	-13.77%	10.40%
50	4	5.569	6.371	-0.802	-14.40%	10.69%
50	5	5.664	6.476	-0.812	-14.34%	10.83%
0	21	5.622	5.622	0.000	0.00%	0.00%
0	22	5.674	5.664	0.010	0.18%	0.13%
0	23	5.674	5.633	0.041	0.72%	0.55%
0	24	5.622	5.601	0.021	0.37%	0.28%
0	25	5.632	5.601	0.031	0.55%	0.41%
Max		5.674	6.476	0.041	0.72%	10.97%
Average		5.633	6.016	-0.383	-6.82%	5.38%
Min		5.569	5.601	-0.823	-14.75%	0.00%
Std Dev		0.037	0.415	0.427	7.59%	5.40%

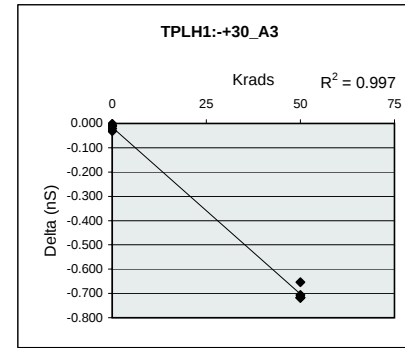


TPLH1:-+30_A2		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.601	6.349
Average	5.624	6.408
Min	5.664	6.476
UL	9.500	9.500

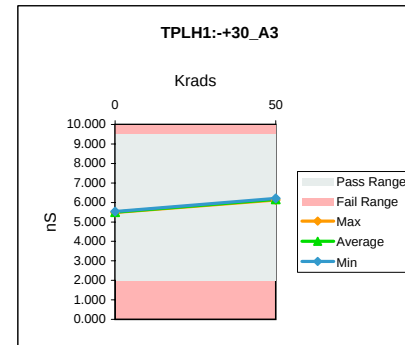


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A3						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.432	6.138	-0.706	-13.00%	9.41%
50	2	5.484	6.138	-0.654	-11.93%	8.72%
50	3	5.463	6.181	-0.718	-13.14%	9.57%
50	4	5.411	6.128	-0.717	-13.25%	9.56%
50	5	5.495	6.212	-0.717	-13.05%	9.56%
0	21	5.474	5.495	-0.021	-0.38%	0.28%
0	22	5.484	5.485	-0.001	-0.02%	0.01%
0	23	5.495	5.527	-0.032	-0.58%	0.43%
0	24	5.484	5.495	-0.011	-0.20%	0.15%
0	25	5.474	5.485	-0.011	-0.20%	0.15%
Max		5.495	6.212	-0.001	-0.02%	9.57%
Average		5.470	5.828	-0.359	-6.58%	4.78%
Min		5.411	5.485	-0.718	-13.25%	0.01%
Std Dev		0.028	0.350	0.363	6.65%	4.84%

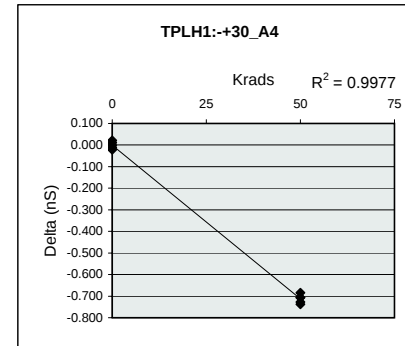


TPLH1:-+30_A3		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.485	6.128
Average	5.497	6.159
Min	5.527	6.212
UL	9.500	9.500

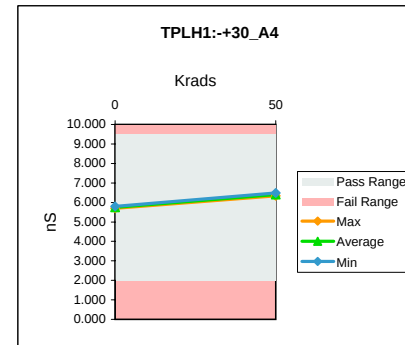


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A4						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.677	6.384	-0.707	-12.45%	9.43%
50	2	5.741	6.426	-0.685	-11.93%	9.13%
50	3	5.698	6.405	-0.707	-12.41%	9.43%
50	4	5.614	6.342	-0.728	-12.97%	9.71%
50	5	5.741	6.479	-0.738	-12.85%	9.84%
0	21	5.698	5.699	-0.001	-0.02%	0.01%
0	22	5.762	5.773	-0.011	-0.19%	0.15%
0	23	5.772	5.794	-0.022	-0.38%	0.29%
0	24	5.741	5.730	0.011	0.19%	0.15%
0	25	5.772	5.751	0.021	0.36%	0.28%
Max		5.772	6.479	0.021	0.36%	9.84%
Average		5.722	6.078	-0.357	-6.27%	4.84%
Min		5.614	5.699	-0.738	-12.97%	0.01%
Std Dev		0.050	0.349	0.376	6.61%	4.92%

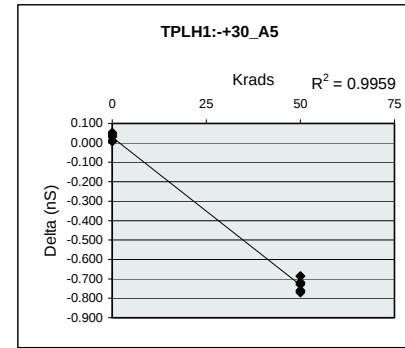


TPLH1:-+30_A4		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.699	6.342
Average	5.749	6.407
Min	5.794	6.479
UL	9.500	9.500

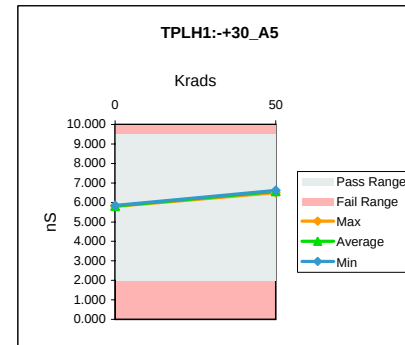


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A5						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.778	6.506	-0.728	-12.60%	9.71%
50	2	5.841	6.527	-0.686	-11.74%	9.15%
50	3	5.883	6.601	-0.718	-12.20%	9.57%
50	4	5.809	6.579	-0.770	-13.26%	10.27%
50	5	5.862	6.622	-0.760	-12.96%	10.13%
0	21	5.820	5.810	0.010	0.17%	0.13%
0	22	5.862	5.820	0.042	0.72%	0.56%
0	23	5.873	5.841	0.032	0.54%	0.43%
0	24	5.799	5.789	0.010	0.17%	0.13%
0	25	5.862	5.810	0.052	0.89%	0.69%
Max		5.883	6.622	0.052	0.89%	10.27%
Average		5.839	6.191	-0.352	-6.03%	5.08%
Min		5.778	5.789	-0.770	-13.26%	0.13%
Std Dev		0.035	0.398	0.402	6.89%	4.95%

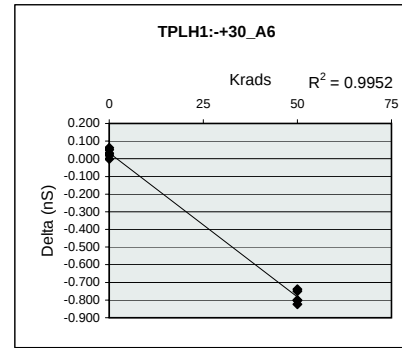


TPLH1:-+30_A5		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.789	6.506
Average	5.814	6.567
Min	5.841	6.622
UL	9.500	9.500

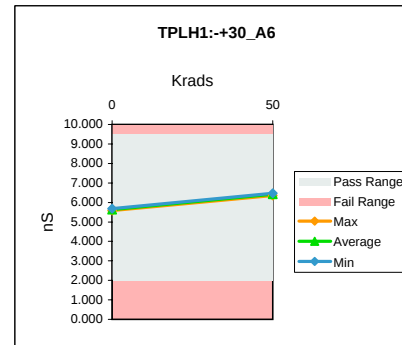


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A6						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.621	6.359	-0.738	-13.13%	9.84%
50	2	5.621	6.370	-0.749	-13.33%	9.99%
50	3	5.663	6.465	-0.802	-14.16%	10.69%
50	4	5.589	6.412	-0.823	-14.73%	10.97%
50	5	5.674	6.475	-0.801	-14.12%	10.68%
0	21	5.663	5.664	-0.001	-0.02%	0.01%
0	22	5.695	5.674	0.021	0.37%	0.28%
0	23	5.684	5.653	0.031	0.55%	0.41%
0	24	5.642	5.579	0.063	1.12%	0.84%
0	25	5.663	5.611	0.052	0.92%	0.69%
Max		5.695	6.475	0.063	1.12%	10.97%
Average		5.652	6.026	-0.375	-6.65%	5.44%
Min		5.589	5.579	-0.823	-14.73%	0.01%
Std Dev		0.033	0.413	0.431	7.65%	5.28%

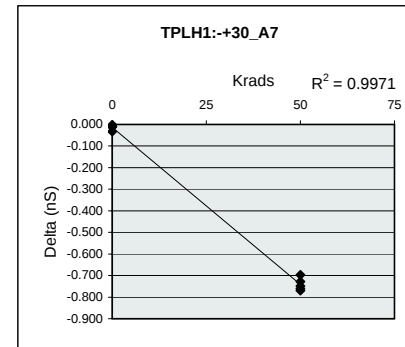


TPLH1:-+30_A6		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.579	6.359
Average	5.636	6.416
Min	5.674	6.475
UL	9.500	9.500

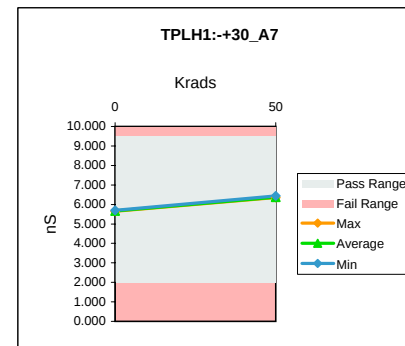


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A7						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.611	6.360	-0.749	-13.35%	9.99%
50	2	5.674	6.371	-0.697	-12.28%	9.29%
50	3	5.632	6.360	-0.728	-12.93%	9.71%
50	4	5.590	6.360	-0.770	-13.77%	10.27%
50	5	5.674	6.434	-0.760	-13.39%	10.13%
0	21	5.643	5.675	-0.032	-0.57%	0.43%
0	22	5.653	5.664	-0.011	-0.19%	0.15%
0	23	5.685	5.696	-0.011	-0.19%	0.15%
0	24	5.664	5.675	-0.011	-0.19%	0.15%
0	25	5.653	5.654	-0.001	-0.02%	0.01%
Max		5.685	6.434	-0.001	-0.02%	10.27%
Average		5.648	6.025	-0.377	-6.69%	5.03%
Min		5.590	5.654	-0.770	-13.77%	0.01%
Std Dev		0.030	0.372	0.384	6.82%	5.12%

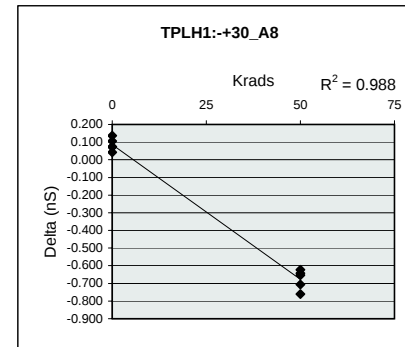


TPLH1:-+30_A7		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.654	6.360
Average	5.673	6.377
Min	5.696	6.434
UL	9.500	9.500

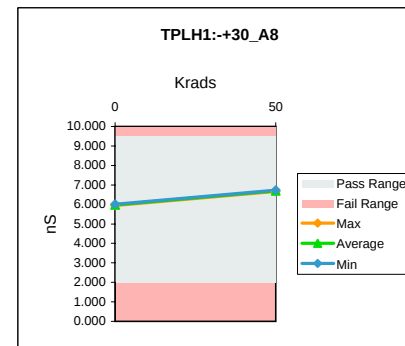


TID Report 50Krad (Si) 54AC00

TPLH1:-+30_A8						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	6.042	6.696	-0.654	-10.82%	8.72%
50	2	6.063	6.685	-0.622	-10.26%	8.29%
50	3	5.999	6.706	-0.707	-11.79%	9.43%
50	4	5.904	6.664	-0.760	-12.87%	10.13%
50	5	6.084	6.727	-0.643	-10.57%	8.57%
0	21	6.010	5.968	0.042	0.70%	0.56%
0	22	6.084	5.947	0.137	2.25%	1.83%
0	23	6.084	6.010	0.074	1.22%	0.99%
0	24	6.063	5.958	0.105	1.73%	1.40%
0	25	6.063	5.989	0.074	1.22%	0.99%
Max		6.084	6.727	0.137	2.25%	10.13%
Average		6.040	6.335	-0.295	-4.92%	5.09%
Min		5.904	5.947	-0.760	-12.87%	0.56%
Std Dev		0.056	0.381	0.405	6.74%	4.19%

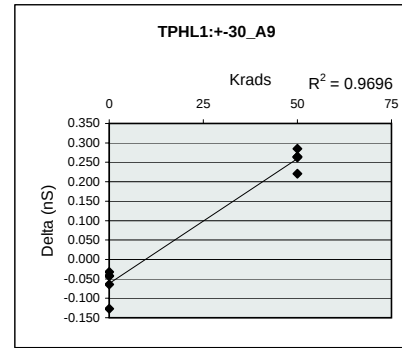


TPLH1:-+30_A8		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.947	6.664
Average	5.974	6.696
Min	6.010	6.727
UL	9.500	9.500

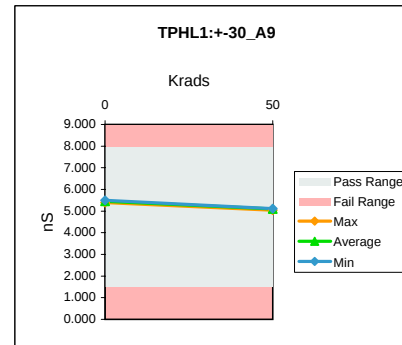


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A9						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.378	5.114	0.264	4.91%	4.06%
50	2	5.346	5.083	0.263	4.92%	4.05%
50	3	5.399	5.114	0.285	5.28%	4.38%
50	4	5.262	5.041	0.221	4.20%	3.40%
50	5	5.378	5.114	0.264	4.91%	4.06%
0	21	5.357	5.399	-0.042	-0.78%	0.65%
0	22	5.462	5.494	-0.032	-0.59%	0.49%
0	23	5.409	5.473	-0.064	-1.18%	0.98%
0	24	5.314	5.441	-0.127	-2.39%	1.95%
0	25	5.430	5.473	-0.043	-0.79%	0.66%
Max		5.462	5.494	0.285	5.28%	4.38%
Average		5.373	5.275	0.099	1.85%	2.47%
Min		5.262	5.041	-0.127	-2.39%	0.49%
Std Dev		0.058	0.194	0.172	3.20%	1.67%

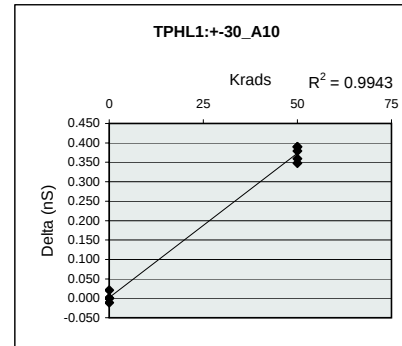


TPHL1:+-30_A9		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	5.399	5.041
Average	5.456	5.093
Min	5.494	5.114
UL	8.000	8.000

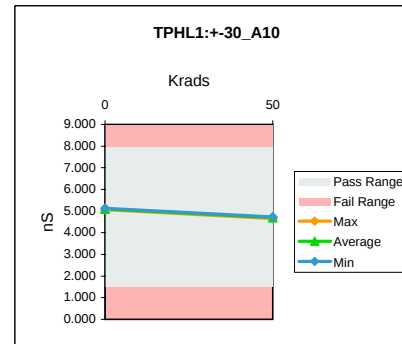


TID Report 50Krad (Si)
54AC00

		TPHL1:-30_A10					
	Test Site	Sherman, Tx	Sherman, Tx				
	Tester	IM581	IM581				
	Test Number	52030007	52030007				
	Unit	nS	nS				
	Max Limit	8	8				
	Min Limit	1.5	1.5				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.083	4.693	0.390	7.67%	6.00%	
50	2	5.073	4.714	0.359	7.08%	5.52%	
50	3	5.083	4.735	0.348	6.85%	5.35%	
50	4	5.041	4.662	0.379	7.52%	5.83%	
50	5	5.104	4.714	0.390	7.64%	6.00%	
0	21	5.073	5.073	0.000	0.00%	0.00%	
0	22	5.115	5.115	0.000	0.00%	0.00%	
0	23	5.115	5.126	-0.011	-0.22%	0.17%	
0	24	5.083	5.083	0.000	0.00%	0.00%	
0	25	5.083	5.062	0.021	0.41%	0.32%	
	Max	5.115	5.126	0.390	7.67%	6.00%	
	Average	5.085	4.898	0.188	3.70%	2.92%	
	Min	5.041	4.662	-0.011	-0.22%	0.00%	
	Std Dev	0.022	0.206	0.196	3.86%	2.98%	

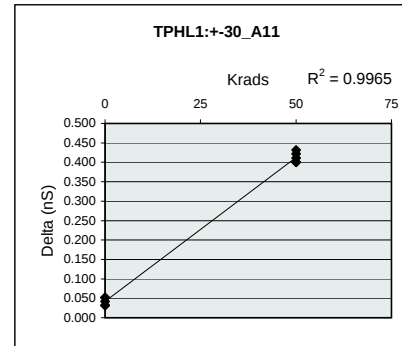


TPH1:+-30 A10	
Test Site	Sherman, Tx
Tester	IM581
Test Number	52030007
Max Limit	8 nS
Min Limit	1.5 nS
Krads	0 50
LL	1.500 1.500
Max	5.062 4.662
Average	5.092 4.704
Min	5.126 4.735
UL	8.000 8.000

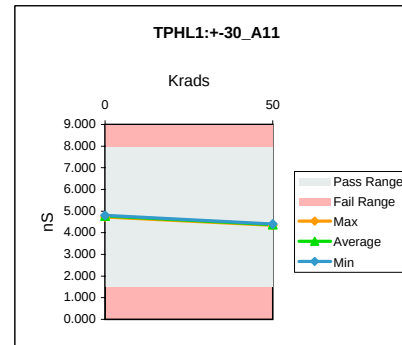


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A11						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.817	4.385	0.432	8.97%	6.65%
50	2	4.806	4.406	0.400	8.32%	6.15%
50	3	4.785	4.374	0.411	8.59%	6.32%
50	4	4.743	4.343	0.400	8.43%	6.15%
50	5	4.817	4.395	0.422	8.76%	6.49%
0	21	4.785	4.733	0.052	1.09%	0.80%
0	22	4.828	4.796	0.032	0.66%	0.49%
0	23	4.838	4.796	0.042	0.87%	0.65%
0	24	4.806	4.775	0.031	0.65%	0.48%
0	25	4.806	4.754	0.052	1.08%	0.80%
Max		4.838	4.796	0.432	8.97%	6.65%
Average		4.803	4.576	0.227	4.74%	3.50%
Min		4.743	4.343	0.031	0.65%	0.48%
Std Dev		0.027	0.207	0.196	4.09%	3.02%

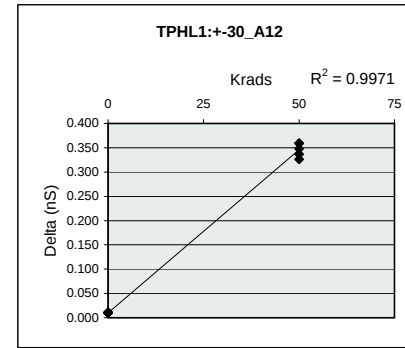


TPHL1:+-30_A11		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.733	4.343
Average	4.771	4.381
Min	4.796	4.406
UL	8.000	8.000

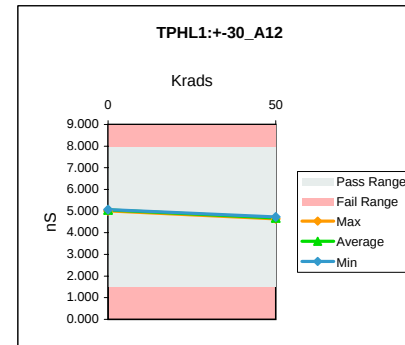


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A12						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.054	4.695	0.359	7.10%	5.52%
50	2	5.064	4.727	0.337	6.65%	5.18%
50	3	5.022	4.674	0.348	6.93%	5.35%
50	4	4.969	4.643	0.326	6.56%	5.02%
50	5	5.054	4.695	0.359	7.10%	5.52%
0	21	5.022	5.012	0.010	0.20%	0.15%
0	22	5.085	5.075	0.010	0.20%	0.15%
0	23	5.085	5.075	0.010	0.20%	0.15%
0	24	5.054	5.043	0.011	0.22%	0.17%
0	25	5.085	5.075	0.010	0.20%	0.15%
Max		5.085	5.075	0.359	7.10%	5.52%
Average		5.049	4.871	0.178	3.54%	2.74%
Min		4.969	4.643	0.010	0.20%	0.15%
Std Dev		0.037	0.197	0.177	3.52%	2.73%

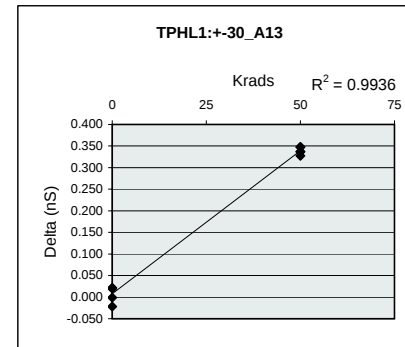


TPHL1:+-30_A12		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	5.012	4.643
Average	5.056	4.687
Min	5.075	4.727
UL	8.000	8.000

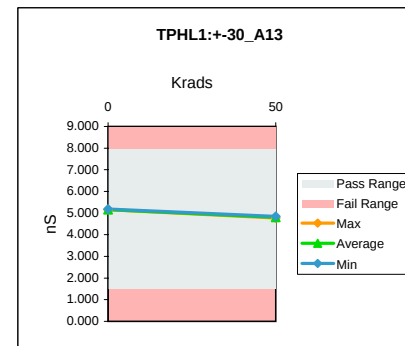


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A13						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.140	4.792	0.348	6.77%	5.35%
50	2	5.182	4.845	0.337	6.50%	5.18%
50	3	5.150	4.803	0.347	6.74%	5.34%
50	4	5.098	4.771	0.327	6.41%	5.03%
50	5	5.161	4.824	0.337	6.53%	5.18%
0	21	5.129	5.151	-0.022	-0.43%	0.34%
0	22	5.203	5.182	0.021	0.40%	0.32%
0	23	5.182	5.161	0.021	0.41%	0.32%
0	24	5.150	5.151	-0.001	-0.02%	0.02%
0	25	5.171	5.151	0.020	0.39%	0.31%
Max		5.203	5.182	0.348	6.77%	5.35%
Average		5.157	4.983	0.174	3.37%	2.74%
Min		5.098	4.771	-0.022	-0.43%	0.02%
Std Dev		0.030	0.187	0.175	3.41%	2.62%

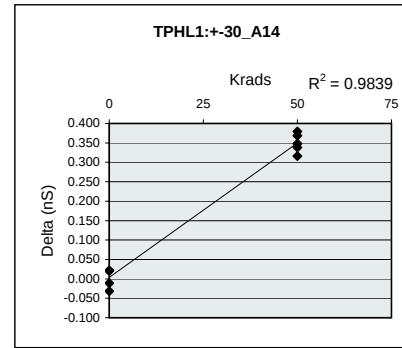


TPHL1:+-30_A13		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	5.151	4.771
Average	5.159	4.807
Min	5.182	4.845
UL	8.000	8.000

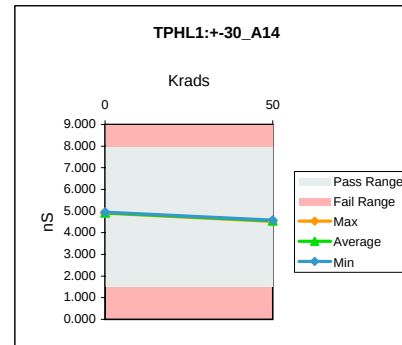


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A14						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.913	4.544	0.369	7.51%	5.68%
50	2	4.902	4.554	0.348	7.10%	5.35%
50	3	4.913	4.575	0.338	6.88%	5.20%
50	4	4.839	4.523	0.316	6.53%	4.86%
50	5	4.923	4.544	0.379	7.70%	5.83%
0	21	4.881	4.913	-0.032	-0.66%	0.49%
0	22	4.944	4.955	-0.011	-0.22%	0.17%
0	23	4.944	4.923	0.021	0.42%	0.32%
0	24	4.923	4.902	0.021	0.43%	0.32%
0	25	4.934	4.913	0.021	0.43%	0.32%
Max		4.944	4.955	0.379	7.70%	5.83%
Average		4.912	4.735	0.177	3.61%	2.86%
Min		4.839	4.523	-0.032	-0.66%	0.17%
Std Dev		0.032	0.198	0.184	3.75%	2.68%

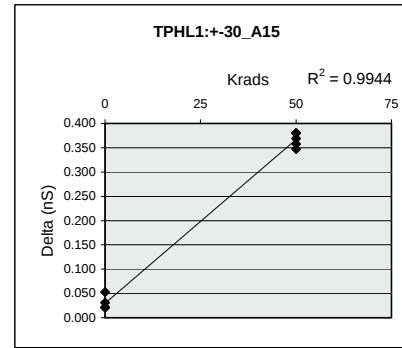


TPHL1:+-30_A14		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.902	4.523
Average	4.921	4.548
Min	4.955	4.575
UL	8.000	8.000

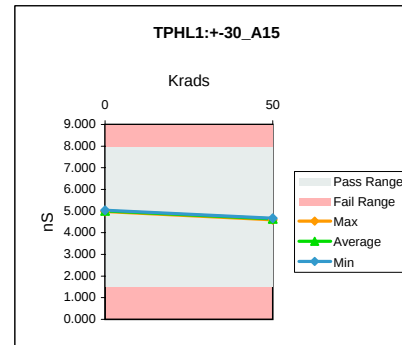


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A15						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.035	4.655	0.380	7.55%	5.85%
50	2	5.024	4.677	0.347	6.91%	5.34%
50	3	5.014	4.645	0.369	7.36%	5.68%
50	4	4.950	4.592	0.358	7.23%	5.51%
50	5	5.035	4.655	0.380	7.55%	5.85%
0	21	5.014	4.993	0.021	0.42%	0.32%
0	22	5.045	5.024	0.021	0.42%	0.32%
0	23	5.056	5.035	0.021	0.42%	0.32%
0	24	5.024	4.993	0.031	0.62%	0.48%
0	25	5.035	4.982	0.053	1.05%	0.82%
Max		5.056	5.035	0.380	7.55%	5.85%
Average		5.023	4.825	0.198	3.95%	3.05%
Min		4.950	4.592	0.021	0.42%	0.32%
Std Dev		0.029	0.192	0.178	3.56%	2.74%

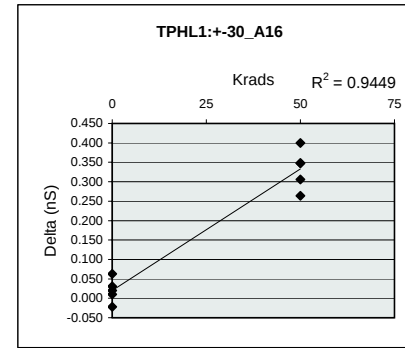


TPHL1:+-30_A15		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.982	4.592
Average	5.005	4.645
Min	5.035	4.677
UL	8.000	8.000

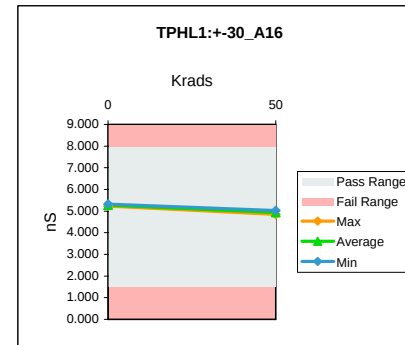


TID Report 50Krad (Si) 54AC00

TPHL1:+-30_A16						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	5.293	4.945	0.348	6.57%	5.35%
50	2	5.293	5.029	0.264	4.99%	4.06%
50	3	5.240	4.934	0.306	5.84%	4.71%
50	4	5.198	4.850	0.348	6.69%	5.35%
50	5	5.303	4.903	0.400	7.54%	6.15%
0	21	5.208	5.230	-0.022	-0.42%	0.34%
0	22	5.345	5.282	0.063	1.18%	0.97%
0	23	5.324	5.314	0.010	0.19%	0.15%
0	24	5.271	5.251	0.020	0.38%	0.31%
0	25	5.324	5.293	0.031	0.58%	0.48%
Max		5.345	5.314	0.400	7.54%	6.15%
Average		5.280	5.103	0.177	3.35%	2.79%
Min		5.198	4.850	-0.022	-0.42%	0.15%
Std Dev		0.050	0.187	0.170	3.22%	2.53%

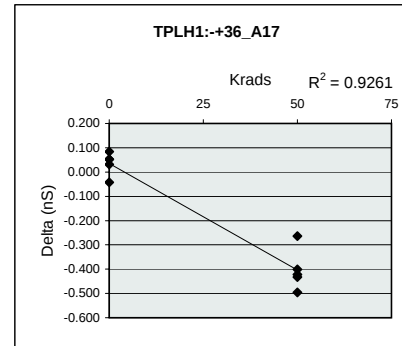


TPHL1:+-30_A16		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	5.230	4.850
Average	5.274	4.932
Min	5.314	5.029
UL	8.000	8.000

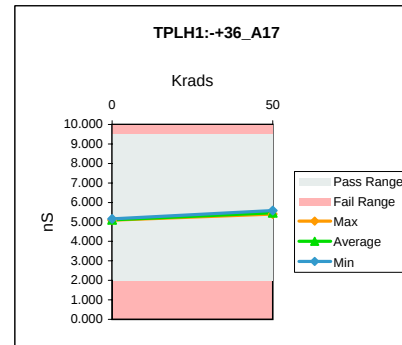


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A17							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	9.5		9.5				
Min Limit	2		2				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.001	5.402	-0.401	-8.02%	5.35%	
50	2	5.043	5.476	-0.433	-8.59%	5.77%	
50	3	5.138	5.402	-0.264	-5.14%	3.52%	
50	4	5.022	5.518	-0.496	-9.88%	6.61%	
50	5	5.159	5.581	-0.422	-8.18%	5.63%	
0	21	5.159	5.107	0.052	1.01%	0.69%	
0	22	5.180	5.096	0.084	1.62%	1.12%	
0	23	5.106	5.149	-0.043	-0.84%	0.57%	
0	24	5.138	5.086	0.052	1.01%	0.69%	
0	25	5.159	5.128	0.031	0.60%	0.41%	
Max		5.180	5.581	0.084	1.62%	6.61%	
Average		5.110	5.294	-0.184	-3.64%	3.04%	
Min		5.001	5.086	-0.496	-9.88%	0.41%	
Std Dev		0.065	0.199	0.240	4.74%	2.59%	

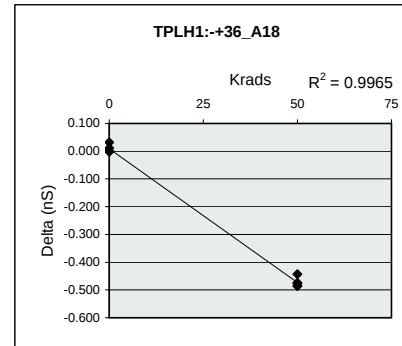


TPLH1:-+36_A17		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.086	5.402
Average	5.113	5.476
Min	5.149	5.581
UL	9.500	9.500

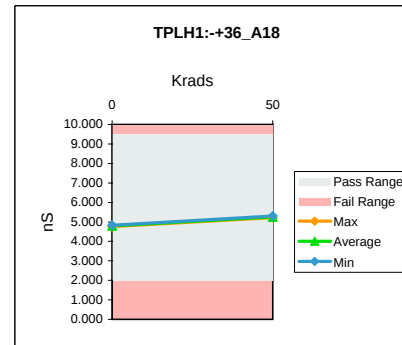


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A18							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	9.5		9.5				
Min Limit	2		2				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.762	5.237	-0.475	-9.97%	6.33%	
50	2	4.773	5.216	-0.443	-9.28%	5.91%	
50	3	4.815	5.289	-0.474	-9.84%	6.32%	
50	4	4.730	5.216	-0.486	-10.27%	6.48%	
50	5	4.815	5.300	-0.485	-10.07%	6.47%	
0	21	4.794	4.794	0.000	0.00%	0.00%	
0	22	4.825	4.826	-0.001	-0.02%	0.01%	
0	23	4.815	4.804	0.011	0.23%	0.15%	
0	24	4.783	4.783	0.000	0.00%	0.00%	
0	25	4.794	4.762	0.032	0.67%	0.43%	
Max		4.825	5.300	0.032	0.67%	6.48%	
Average		4.791	5.023	-0.232	-4.86%	3.21%	
Min		4.730	4.762	-0.486	-10.27%	0.00%	
Std Dev		0.030	0.243	0.254	5.31%	3.27%	

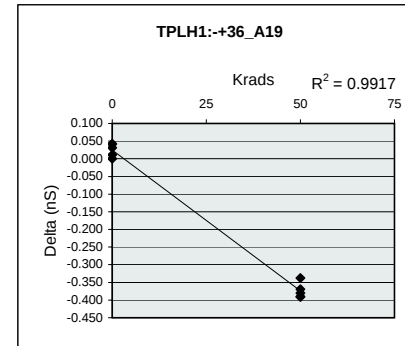


TPLH1:-+36_A18		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	4.762	5.216
Average	4.794	5.252
Min	4.826	5.300
UL	9.500	9.500

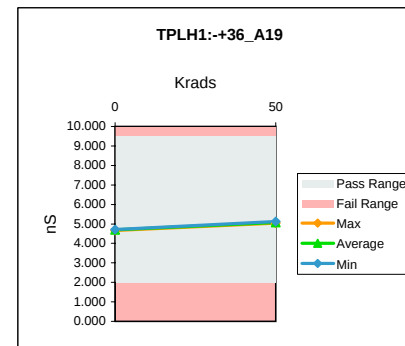


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A19							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nS		nS			
Max Limit		9.5		9.5			
Min Limit		2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.676	5.045	-0.369	-7.89%	4.92%	
50	2	4.718	5.056	-0.338	-7.16%	4.51%	
50	3	4.686	5.077	-0.391	-8.34%	5.21%	
50	4	4.665	5.045	-0.380	-8.15%	5.07%	
50	5	4.729	5.119	-0.390	-8.25%	5.20%	
0	21	4.697	4.697	0.000	0.00%	0.00%	
0	22	4.708	4.697	0.011	0.23%	0.15%	
0	23	4.739	4.708	0.031	0.65%	0.41%	
0	24	4.718	4.676	0.042	0.89%	0.56%	
0	25	4.708	4.666	0.042	0.89%	0.56%	
Max		4.739	5.119	0.042	0.89%	5.21%	
Average		4.704	4.879	-0.174	-3.71%	2.66%	
Min		4.665	4.666	-0.391	-8.34%	0.00%	
Std Dev		0.023	0.201	0.211	4.50%	2.46%	

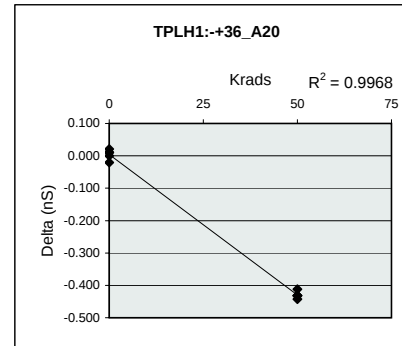


TPLH1:-+36_A19		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	4.666	5.045
Average	4.689	5.068
Min	4.708	5.119
UL	9.500	9.500

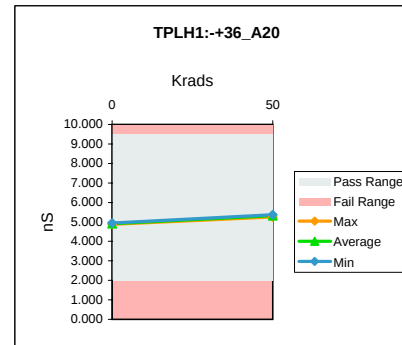


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A20							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	9.5		9.5				
Min Limit	2		2				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.881	5.313	-0.432	-8.85%	5.76%	
50	2	4.923	5.335	-0.412	-8.37%	5.49%	
50	3	4.881	5.313	-0.432	-8.85%	5.76%	
50	4	4.818	5.250	-0.432	-8.97%	5.76%	
50	5	4.923	5.366	-0.443	-9.00%	5.91%	
0	21	4.881	4.881	0.000	0.00%	0.00%	
0	22	4.934	4.923	0.011	0.22%	0.15%	
0	23	4.944	4.934	0.010	0.20%	0.13%	
0	24	4.913	4.892	0.021	0.43%	0.28%	
0	25	4.923	4.944	-0.021	-0.43%	0.28%	
Max		4.944	5.366	0.021	0.43%	5.91%	
Average		4.902	5.115	-0.213	-4.36%	2.95%	
Min		4.818	4.881	-0.443	-9.00%	0.00%	
Std Dev		0.037	0.214	0.229	4.69%	2.94%	

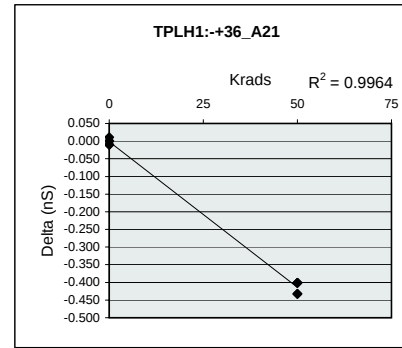


TPLH1:-+36_A20		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	4.881	5.250
Average	4.915	5.315
Min	4.944	5.366
UL	9.500	9.500

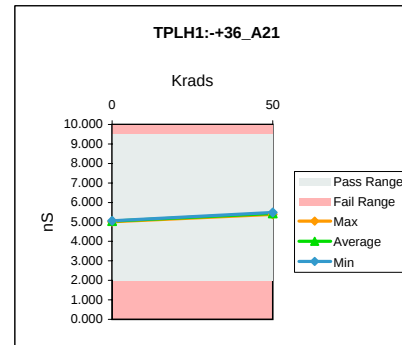


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A21							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	9.5		9.5				
Min Limit	2		2				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.981	5.382	-0.401	-8.05%	5.35%	
50	2	5.034	5.435	-0.401	-7.97%	5.35%	
50	3	5.044	5.445	-0.401	-7.95%	5.35%	
50	4	5.013	5.445	-0.432	-8.62%	5.76%	
50	5	5.044	5.477	-0.433	-8.58%	5.77%	
0	21	5.034	5.044	-0.010	-0.20%	0.13%	
0	22	5.055	5.044	0.011	0.22%	0.15%	
0	23	5.044	5.055	-0.011	-0.22%	0.15%	
0	24	5.013	5.013	0.000	0.00%	0.00%	
0	25	5.023	5.023	0.000	0.00%	0.00%	
Max		5.055	5.477	0.011	0.22%	5.77%	
Average		5.028	5.236	-0.208	-4.14%	2.80%	
Min		4.981	5.013	-0.433	-8.62%	0.00%	
Std Dev		0.022	0.213	0.217	4.33%	2.87%	

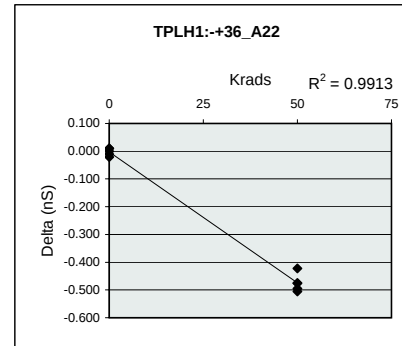


TPLH1:-+36_A21		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	5.013	5.382
Average	5.036	5.437
Min	5.055	5.477
UL	9.500	9.500

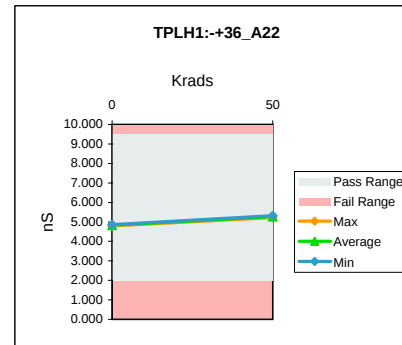


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A22						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	9.5		9.5			
Min Limit	2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.771	5.246	-0.475	-9.96%	6.33%
50	2	4.803	5.225	-0.422	-8.79%	5.63%
50	3	4.814	5.309	-0.495	-10.28%	6.60%
50	4	4.771	5.246	-0.475	-9.96%	6.33%
50	5	4.814	5.320	-0.506	-10.51%	6.75%
0	21	4.814	4.835	-0.021	-0.44%	0.28%
0	22	4.845	4.856	-0.011	-0.23%	0.15%
0	23	4.824	4.824	0.000	0.00%	0.00%
0	24	4.803	4.793	0.010	0.21%	0.13%
0	25	4.803	4.793	0.010	0.21%	0.13%
Max		4.845	5.320	0.010	0.21%	6.75%
Average		4.806	5.045	-0.239	-4.97%	3.23%
Min		4.771	4.793	-0.506	-10.51%	0.00%
Std Dev		0.022	0.239	0.250	5.21%	3.28%

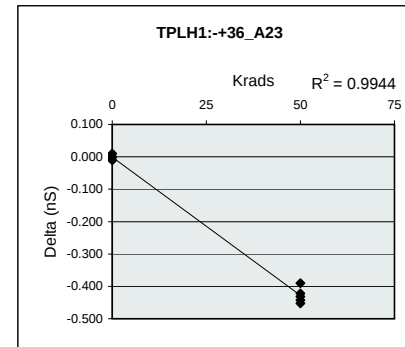


TPLH1:-+36_A22		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	9.5	nS
Min Limit	2	nS
Krads	0	50
LL	2.000	2.000
Max	4.793	5.225
Average	4.820	5.269
Min	4.856	5.320
UL	9.500	9.500

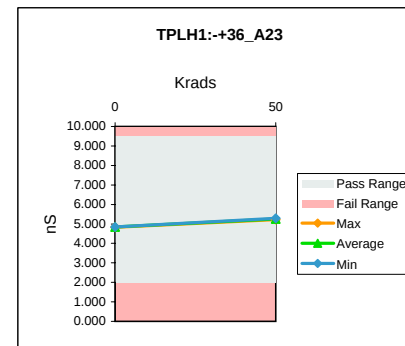


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A23							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nS		nS			
Max Limit		9.5		9.5			
Min Limit		2		2			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.804	5.226	-0.422	-8.78%	5.63%	
50	2	4.857	5.247	-0.390	-8.03%	5.20%	
50	3	4.815	5.247	-0.432	-8.97%	5.76%	
50	4	4.773	5.226	-0.453	-9.49%	6.04%	
50	5	4.846	5.289	-0.443	-9.14%	5.91%	
0	21	4.836	4.847	-0.011	-0.23%	0.15%	
0	22	4.836	4.836	0.000	0.00%	0.00%	
0	23	4.846	4.847	-0.001	-0.02%	0.01%	
0	24	4.846	4.836	0.010	0.21%	0.13%	
0	25	4.825	4.826	-0.001	-0.02%	0.01%	
Max		4.857	5.289	0.010	0.21%	6.04%	
Average		4.828	5.043	-0.214	-4.45%	2.88%	
Min		4.773	4.826	-0.453	-9.49%	0.00%	
Std Dev		0.025	0.216	0.226	4.69%	2.98%	

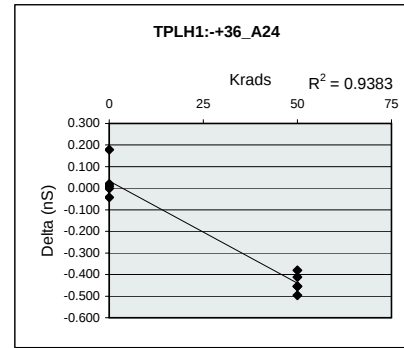


TPLH1:-+36_A23			
Test Site		Sherman, Tx	
Tester		IM581	
Test Number		52030007	
Max Limit		9.5	nS
Min Limit		2	nS
Krads		0	50
LL		2.000	2.000
Max		4.826	5.226
Average		4.838	5.247
Min		4.847	5.289
UL		9.500	9.500

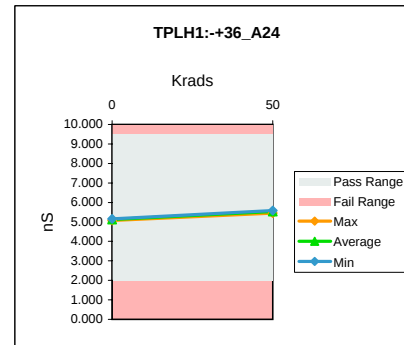


TID Report 50Krad (Si) 54AC00

TPLH1:-+36_A24							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	9.5		9.5				
Min Limit	2		2				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	5.121	5.575	-0.454	-8.87%	6.05%	
50	2	5.163	5.543	-0.380	-7.36%	5.07%	
50	3	5.079	5.575	-0.496	-9.77%	6.61%	
50	4	5.047	5.459	-0.412	-8.16%	5.49%	
50	5	5.089	5.543	-0.454	-8.92%	6.05%	
0	21	5.110	5.090	0.020	0.39%	0.27%	
0	22	5.131	5.132	-0.001	-0.02%	0.01%	
0	23	5.121	5.163	-0.042	-0.82%	0.56%	
0	24	5.131	5.121	0.010	0.19%	0.13%	
0	25	5.248	5.069	0.179	3.41%	2.39%	
Max		5.248	5.575	0.179	3.41%	6.61%	
Average		5.124	5.327	-0.203	-3.99%	3.26%	
Min		5.047	5.069	-0.496	-9.77%	0.01%	
Std Dev		0.054	0.227	0.257	5.03%	2.84%	

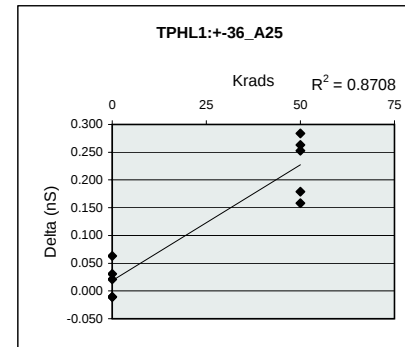


TPLH1:-+36_A24			
Test Site	Sherman, Tx		
Tester	IM581		
Test Number	52030007		
Max Limit	9.5	nS	
Min Limit	2	nS	
Krads	0	50	
LL	2.000	2.000	
Max	5.069	5.459	
Average	5.115	5.539	
Min	5.163	5.575	
UL	9.500	9.500	

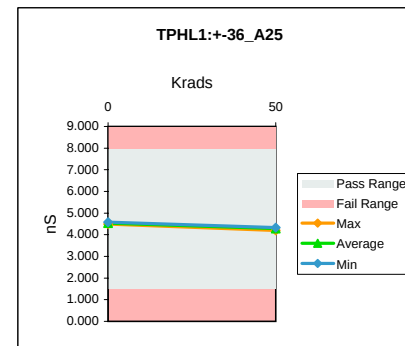


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A25						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.548	4.285	0.263	5.78%	4.05%
50	2	4.495	4.337	0.158	3.52%	2.43%
50	3	4.569	4.285	0.284	6.22%	4.37%
50	4	4.453	4.200	0.253	5.68%	3.89%
50	5	4.495	4.316	0.179	3.98%	2.75%
0	21	4.485	4.496	-0.011	-0.25%	0.17%
0	22	4.601	4.538	0.063	1.37%	0.97%
0	23	4.580	4.559	0.021	0.46%	0.32%
0	24	4.569	4.580	-0.011	-0.24%	0.17%
0	25	4.569	4.538	0.031	0.68%	0.48%
Max		4.601	4.580	0.284	6.22%	4.37%
Average		4.536	4.413	0.123	2.72%	1.96%
Min		4.453	4.200	-0.011	-0.25%	0.17%
Std Dev		0.050	0.142	0.118	2.61%	1.73%

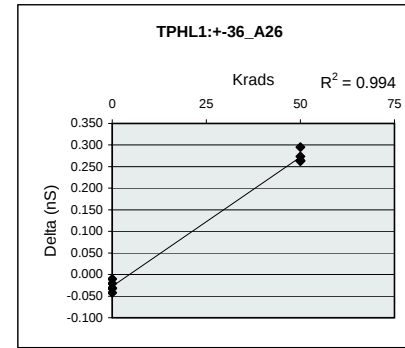


TPHL1:+-36_A25		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.496	4.200
Average	4.542	4.285
Min	4.580	4.337
UL	8.000	8.000

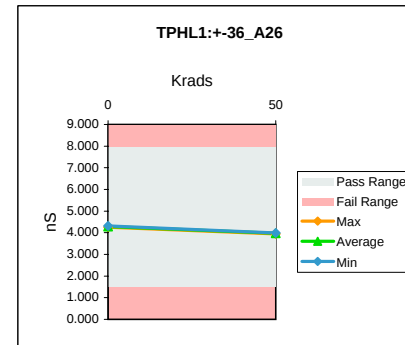


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A26						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.259	3.964	0.295	6.93%	4.54%
50	2	4.238	3.975	0.263	6.21%	4.05%
50	3	4.249	3.985	0.264	6.21%	4.06%
50	4	4.206	3.943	0.263	6.25%	4.05%
50	5	4.249	3.975	0.274	6.45%	4.22%
0	21	4.238	4.280	-0.042	-0.99%	0.65%
0	22	4.291	4.312	-0.021	-0.49%	0.32%
0	23	4.270	4.302	-0.032	-0.75%	0.49%
0	24	4.238	4.270	-0.032	-0.76%	0.49%
0	25	4.249	4.259	-0.010	-0.24%	0.15%
Max		4.291	4.312	0.295	6.93%	4.54%
Average		4.249	4.126	0.122	2.88%	2.30%
Min		4.206	3.943	-0.042	-0.99%	0.15%
Std Dev		0.022	0.168	0.158	3.73%	1.99%

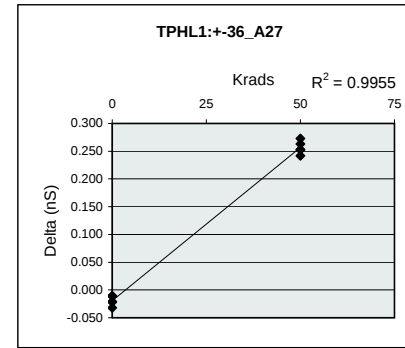


TPHL1:+-36_A26		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.259	3.943
Average	4.285	3.968
Min	4.312	3.985
UL	8.000	8.000

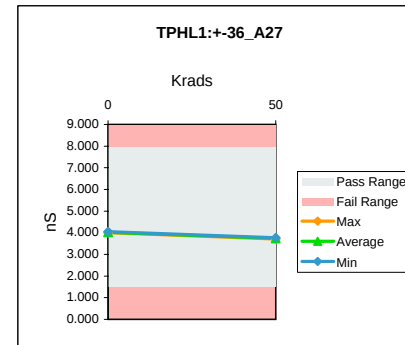


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A27						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.022	3.749	0.273	6.79%	4.20%
50	2	4.012	3.770	0.242	6.03%	3.72%
50	3	3.991	3.738	0.253	6.34%	3.89%
50	4	3.959	3.706	0.253	6.39%	3.89%
50	5	4.022	3.759	0.263	6.54%	4.05%
0	21	3.991	4.023	-0.032	-0.80%	0.49%
0	22	4.022	4.033	-0.011	-0.27%	0.17%
0	23	4.033	4.054	-0.021	-0.52%	0.32%
0	24	4.001	4.023	-0.022	-0.55%	0.34%
0	25	3.991	4.002	-0.011	-0.28%	0.17%
Max		4.033	4.054	0.273	6.79%	4.20%
Average		4.004	3.886	0.119	2.97%	2.12%
Min		3.959	3.706	-0.032	-0.80%	0.17%
Std Dev		0.022	0.150	0.146	3.65%	1.93%

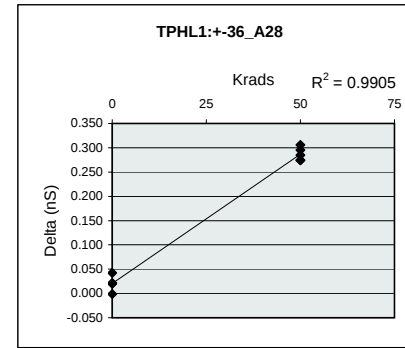


TPHL1:+-36_A27		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.002	3.706
Average	4.027	3.744
Min	4.054	3.770
UL	8.000	8.000



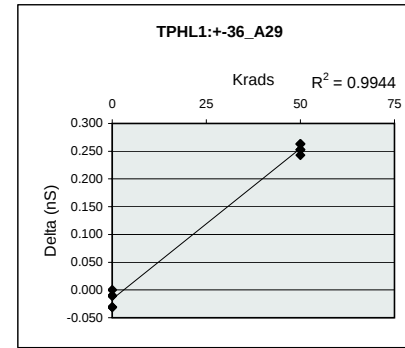
TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A28						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.252	3.946	0.306	7.20%	4.71%
50	2	4.273	3.978	0.295	6.90%	4.54%
50	3	4.231	3.946	0.285	6.74%	4.38%
50	4	4.189	3.915	0.274	6.54%	4.22%
50	5	4.241	3.967	0.274	6.46%	4.22%
0	21	4.241	4.242	-0.001	-0.02%	0.02%
0	22	4.305	4.263	0.042	0.98%	0.65%
0	23	4.284	4.263	0.021	0.49%	0.32%
0	24	4.262	4.242	0.020	0.47%	0.31%
0	25	4.284	4.263	0.021	0.49%	0.32%
Max		4.305	4.263	0.306	7.20%	4.71%
Average		4.256	4.103	0.154	3.62%	2.37%
Min		4.189	3.915	-0.001	-0.02%	0.02%
Std Dev		0.033	0.161	0.141	3.33%	2.17%

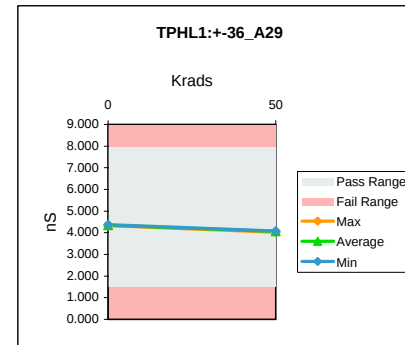


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A29						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.318	4.065	0.253	5.86%	3.89%
50	2	4.318	4.075	0.243	5.63%	3.74%
50	3	4.318	4.065	0.253	5.86%	3.89%
50	4	4.286	4.023	0.263	6.14%	4.05%
50	5	4.328	4.065	0.263	6.08%	4.05%
0	21	4.318	4.349	-0.031	-0.72%	0.48%
0	22	4.370	4.370	0.000	0.00%	0.00%
0	23	4.339	4.370	-0.031	-0.71%	0.48%
0	24	4.318	4.328	-0.010	-0.23%	0.15%
0	25	4.328	4.339	-0.011	-0.25%	0.17%
Max		4.370	4.370	0.263	6.14%	4.05%
Average		4.324	4.205	0.119	2.76%	2.09%
Min		4.286	4.023	-0.031	-0.72%	0.00%
Std Dev		0.021	0.155	0.144	3.33%	1.94%

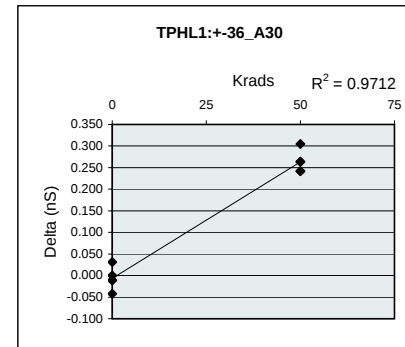


TPHL1:+-36_A29		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.328	4.023
Average	4.351	4.059
Min	4.370	4.075
UL	8.000	8.000

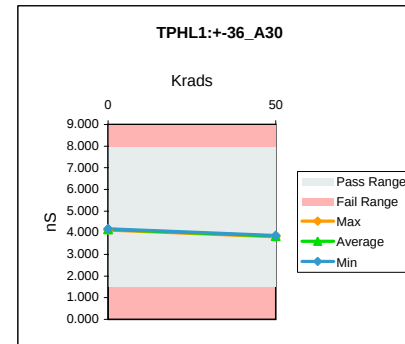


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A30						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.119	3.855	0.264	6.41%	4.06%
50	2	4.108	3.866	0.242	5.89%	3.72%
50	3	4.108	3.866	0.242	5.89%	3.72%
50	4	4.076	3.813	0.263	6.45%	4.05%
50	5	4.150	3.845	0.305	7.35%	4.69%
0	21	4.108	4.150	-0.042	-1.02%	0.65%
0	22	4.171	4.182	-0.011	-0.26%	0.17%
0	23	4.161	4.172	-0.011	-0.26%	0.17%
0	24	4.129	4.129	0.000	0.00%	0.00%
0	25	4.150	4.119	0.031	0.75%	0.48%
Max		4.171	4.182	0.305	7.35%	4.69%
Average		4.128	4.000	0.128	3.12%	2.17%
Min		4.076	3.813	-0.042	-1.02%	0.00%
Std Dev		0.030	0.161	0.144	3.51%	2.01%

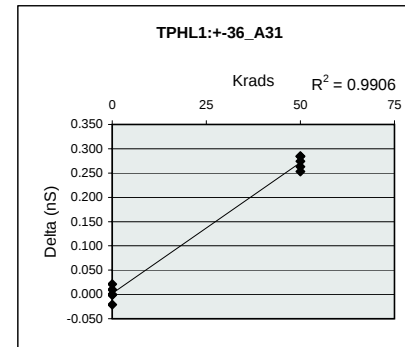


TPHL1:+-36_A30		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.119	3.813
Average	4.150	3.849
Min	4.182	3.866
UL	8.000	8.000



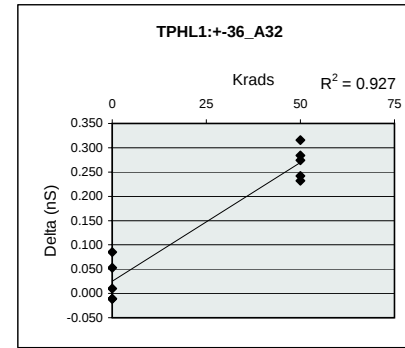
TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A31							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nS		nS			
Max Limit		8		8			
Min Limit		1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.251	3.967	0.284	6.68%	4.37%	
50	2	4.262	3.999	0.263	6.17%	4.05%	
50	3	4.230	3.977	0.253	5.98%	3.89%	
50	4	4.209	3.935	0.274	6.51%	4.22%	
50	5	4.262	3.977	0.285	6.69%	4.38%	
0	21	4.241	4.262	-0.021	-0.50%	0.32%	
0	22	4.283	4.273	0.010	0.23%	0.15%	
0	23	4.283	4.262	0.021	0.49%	0.32%	
0	24	4.262	4.262	0.000	0.00%	0.00%	
0	25	4.251	4.252	-0.001	-0.02%	0.02%	
Max		4.283	4.273	0.285	6.69%	4.38%	
Average		4.253	4.117	0.137	3.22%	2.17%	
Min		4.209	3.935	-0.021	-0.50%	0.00%	
Std Dev		0.023	0.154	0.143	3.37%	2.13%	

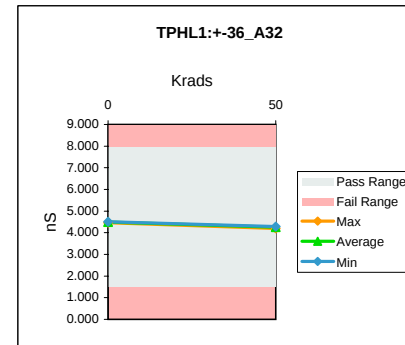


TID Report 50Krad (Si) 54AC00

TPHL1:+-36_A32						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.555	4.271	0.284	6.23%	4.37%
50	2	4.534	4.292	0.242	5.34%	3.72%
50	3	4.513	4.239	0.274	6.07%	4.22%
50	4	4.429	4.197	0.232	5.24%	3.57%
50	5	4.576	4.260	0.316	6.91%	4.86%
0	21	4.471	4.482	-0.011	-0.25%	0.17%
0	22	4.545	4.492	0.053	1.17%	0.82%
0	23	4.502	4.513	-0.011	-0.24%	0.17%
0	24	4.502	4.492	0.010	0.22%	0.15%
0	25	4.545	4.460	0.085	1.87%	1.31%
Max		4.576	4.513	0.316	6.91%	4.86%
Average		4.517	4.370	0.147	3.26%	2.34%
Min		4.429	4.197	-0.011	-0.25%	0.15%
Std Dev		0.044	0.127	0.134	2.95%	1.97%

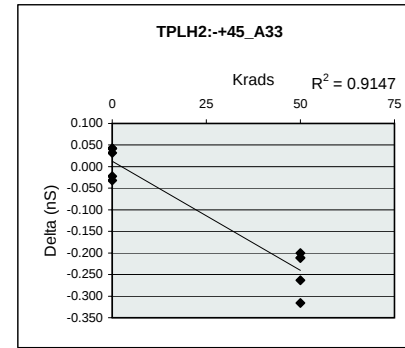


TPHL1:+-36_A32		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.460	4.197
Average	4.488	4.252
Min	4.513	4.292
UL	8.000	8.000

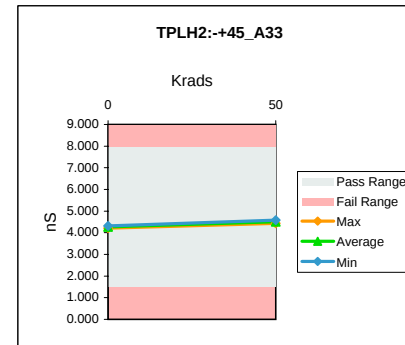


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A33						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.218	4.429	-0.211	-5.00%	3.25%
50	2	4.334	4.545	-0.211	-4.87%	3.25%
50	3	4.260	4.523	-0.263	-6.17%	4.05%
50	4	4.260	4.460	-0.200	-4.69%	3.08%
50	5	4.260	4.576	-0.316	-7.42%	4.86%
0	21	4.249	4.207	0.042	0.99%	0.65%
0	22	4.281	4.313	-0.032	-0.75%	0.49%
0	23	4.334	4.302	0.032	0.74%	0.49%
0	24	4.291	4.313	-0.022	-0.51%	0.34%
0	25	4.260	4.218	0.042	0.99%	0.65%
Max		4.334	4.576	0.042	0.99%	4.86%
Average		4.275	4.389	-0.114	-2.67%	2.11%
Min		4.218	4.207	-0.316	-7.42%	0.34%
Std Dev		0.037	0.136	0.139	3.26%	1.75%

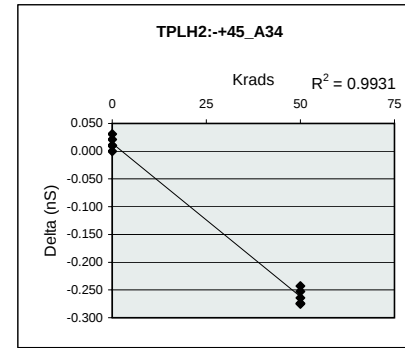


TPLH2:-+45_A33		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.207	4.429
Average	4.271	4.507
Min	4.313	4.576
UL	8.000	8.000

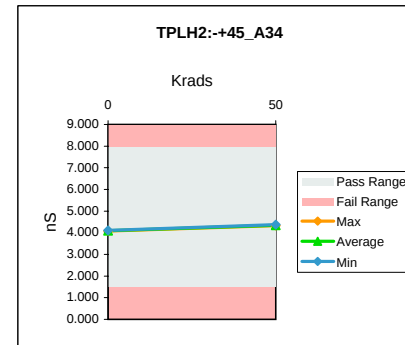


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A34						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.082	4.346	-0.264	-6.47%	4.06%
50	2	4.092	4.335	-0.243	-5.94%	3.74%
50	3	4.103	4.356	-0.253	-6.17%	3.89%
50	4	4.050	4.325	-0.275	-6.79%	4.23%
50	5	4.103	4.377	-0.274	-6.68%	4.22%
0	21	4.103	4.072	0.031	0.76%	0.48%
0	22	4.124	4.103	0.021	0.51%	0.32%
0	23	4.114	4.114	0.000	0.00%	0.00%
0	24	4.092	4.082	0.010	0.24%	0.15%
0	25	4.103	4.093	0.010	0.24%	0.15%
Max		4.124	4.377	0.031	0.76%	4.23%
Average		4.097	4.220	-0.124	-3.03%	2.12%
Min		4.050	4.072	-0.275	-6.79%	0.00%
Std Dev		0.020	0.136	0.146	3.58%	2.01%

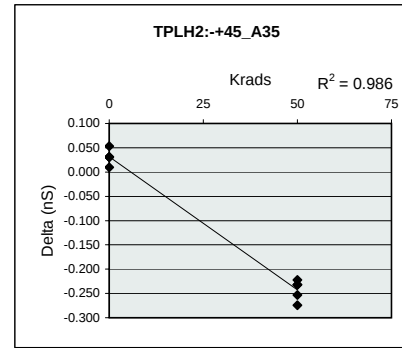


TPLH2:-+45_A34		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.072	4.325
Average	4.093	4.348
Min	4.114	4.377
UL	8.000	8.000

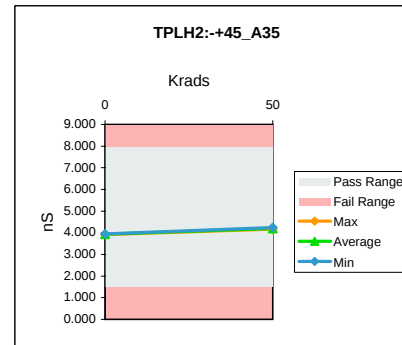


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A35						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.942	4.195	-0.253	-6.42%	3.89%
50	2	3.952	4.174	-0.222	-5.62%	3.42%
50	3	3.963	4.195	-0.232	-5.85%	3.57%
50	4	3.931	4.163	-0.232	-5.90%	3.57%
50	5	3.963	4.237	-0.274	-6.91%	4.22%
0	21	3.952	3.942	0.010	0.25%	0.15%
0	22	3.963	3.932	0.031	0.78%	0.48%
0	23	3.984	3.953	0.031	0.78%	0.48%
0	24	3.963	3.932	0.031	0.78%	0.48%
0	25	3.974	3.921	0.053	1.33%	0.82%
Max		3.984	4.237	0.053	1.33%	4.22%
Average		3.959	4.064	-0.106	-2.68%	2.11%
Min		3.931	3.921	-0.274	-6.91%	0.15%
Std Dev		0.015	0.137	0.145	3.68%	1.73%

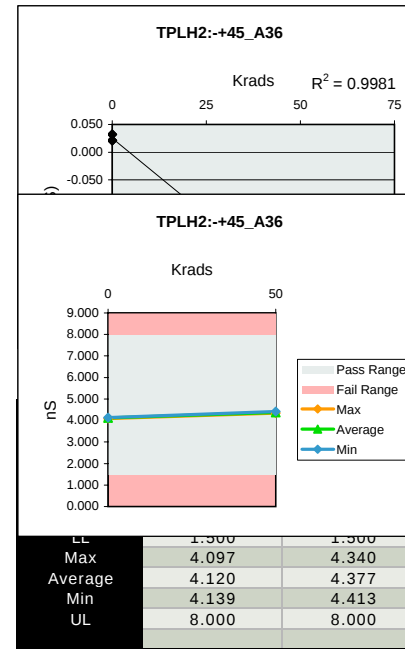


TPLH2:-+45_A35		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.921	4.163
Average	3.936	4.193
Min	3.953	4.237
UL	8.000	8.000



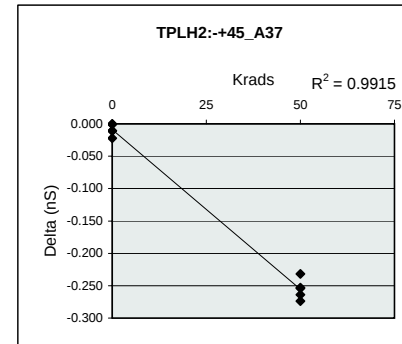
TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A36							
Test Site	Sherman, Tx		Sherman, Tx				
Tester	IM581		IM581				
Test Number	52030007		52030007				
Unit	nS		nS				
Max Limit	8		8				
Min Limit	1.5		1.5				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	4.129	4.371	-0.242	-5.86%	3.72%	
50	2	4.139	4.392	-0.253	-6.11%	3.89%	
50	3	4.118	4.371	-0.253	-6.14%	3.89%	
50	4	4.086	4.340	-0.254	-6.22%	3.91%	
50	5	4.150	4.413	-0.263	-6.34%	4.05%	
0	21	4.129	4.097	0.032	0.78%	0.49%	
0	22	4.160	4.139	0.021	0.50%	0.32%	
0	23	4.160	4.139	0.021	0.50%	0.32%	
0	24	4.129	4.097	0.032	0.78%	0.49%	
0	25	4.150	4.129	0.021	0.51%	0.32%	
Max		4.160	4.413	0.032	0.78%	4.05%	
Average		4.135	4.249	-0.114	-2.76%	2.14%	
Min		4.086	4.097	-0.263	-6.34%	0.32%	
Std Dev		0.022	0.138	0.147	3.56%	1.85%	

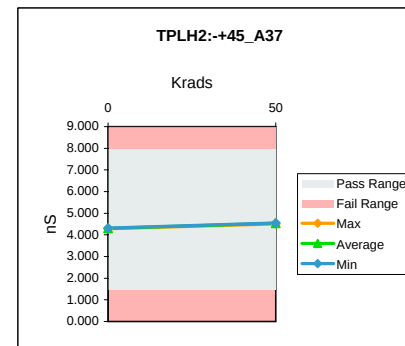


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A37						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.260	4.513	-0.253	-5.94%	3.89%
50	2	4.281	4.513	-0.232	-5.42%	3.57%
50	3	4.302	4.556	-0.254	-5.90%	3.91%
50	4	4.271	4.545	-0.274	-6.42%	4.22%
50	5	4.292	4.556	-0.264	-6.15%	4.06%
0	21	4.281	4.303	-0.022	-0.51%	0.34%
0	22	4.302	4.303	-0.001	-0.02%	0.02%
0	23	4.302	4.313	-0.011	-0.26%	0.17%
0	24	4.271	4.282	-0.011	-0.26%	0.17%
0	25	4.292	4.292	0.000	0.00%	0.00%
Max		4.302	4.556	0.000	0.00%	4.22%
Average		4.285	4.418	-0.132	-3.09%	2.03%
Min		4.260	4.282	-0.274	-6.42%	0.00%
Std Dev		0.015	0.127	0.130	3.05%	2.01%

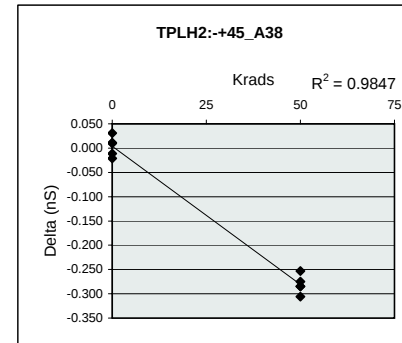


TPLH2:-+45_A37		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.282	4.513
Average	4.299	4.537
Min	4.313	4.556
UL	8.000	8.000

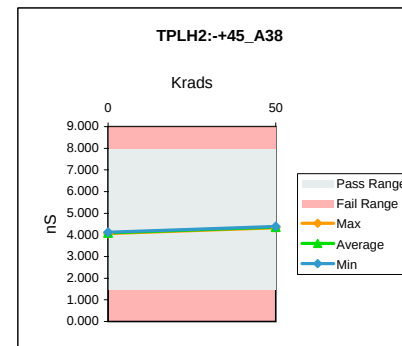


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A38						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.049	4.334	-0.285	-7.04%	4.38%
50	2	4.081	4.334	-0.253	-6.20%	3.89%
50	3	4.112	4.387	-0.275	-6.69%	4.23%
50	4	4.049	4.355	-0.306	-7.56%	4.71%
50	5	4.102	4.387	-0.285	-6.95%	4.38%
0	21	4.102	4.123	-0.021	-0.51%	0.32%
0	22	4.112	4.123	-0.011	-0.27%	0.17%
0	23	4.123	4.092	0.031	0.75%	0.48%
0	24	4.081	4.070	0.011	0.27%	0.17%
0	25	4.091	4.081	0.010	0.24%	0.15%
Max		4.123	4.387	0.031	0.75%	4.71%
Average		4.090	4.229	-0.138	-3.39%	2.29%
Min		4.049	4.070	-0.306	-7.56%	0.15%
Std Dev		0.026	0.140	0.151	3.71%	2.15%

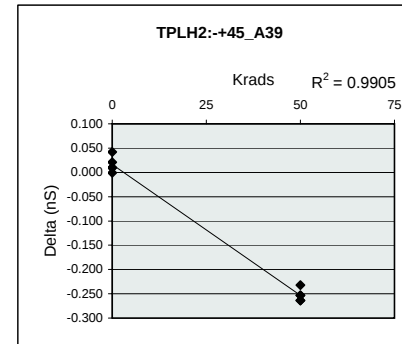


TPLH2:-+45_A38		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.070	4.334
Average	4.098	4.359
Min	4.123	4.387
UL	8.000	8.000

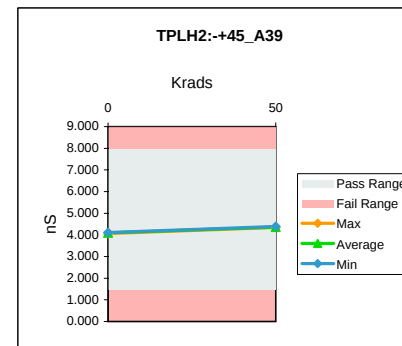


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A39						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.092	4.345	-0.253	-6.18%	3.89%
50	2	4.124	4.356	-0.232	-5.63%	3.57%
50	3	4.102	4.366	-0.264	-6.44%	4.06%
50	4	4.081	4.345	-0.264	-6.47%	4.06%
50	5	4.134	4.387	-0.253	-6.12%	3.89%
0	21	4.092	4.082	0.010	0.24%	0.15%
0	22	4.102	4.103	-0.001	-0.02%	0.02%
0	23	4.134	4.113	0.021	0.51%	0.32%
0	24	4.102	4.092	0.010	0.24%	0.15%
0	25	4.113	4.071	0.042	1.02%	0.65%
Max		4.134	4.387	0.042	1.02%	4.06%
Average		4.108	4.226	-0.118	-2.88%	2.08%
Min		4.081	4.071	-0.264	-6.47%	0.02%
Std Dev		0.018	0.142	0.143	3.48%	1.93%

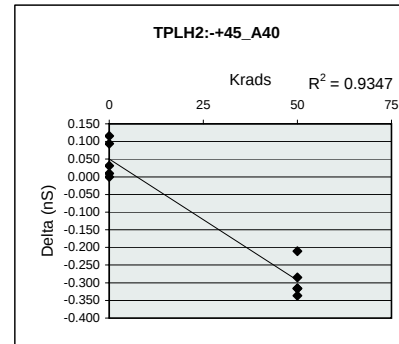


TPLH2:-+45_A39		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.071	4.345
Average	4.092	4.360
Min	4.113	4.387
UL	8.000	8.000

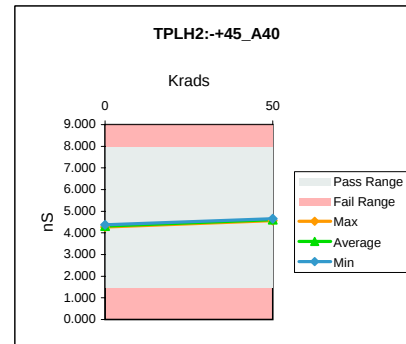


TID Report 50Krad (Si) 54AC00

TPLH2:-+45_A40						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	4.318	4.655	-0.337	-7.80%	5.18%
50	2	4.296	4.581	-0.285	-6.63%	4.38%
50	3	4.328	4.645	-0.317	-7.32%	4.88%
50	4	4.349	4.560	-0.211	-4.85%	3.25%
50	5	4.307	4.623	-0.316	-7.34%	4.86%
0	21	4.328	4.318	0.010	0.23%	0.15%
0	22	4.465	4.349	0.116	2.60%	1.78%
0	23	4.370	4.370	0.000	0.00%	0.00%
0	24	4.328	4.297	0.031	0.72%	0.48%
0	25	4.370	4.276	0.094	2.15%	1.45%
Max		4.465	4.655	0.116	2.60%	5.18%
Average		4.346	4.467	-0.121	-2.83%	2.64%
Min		4.296	4.276	-0.337	-7.80%	0.00%
Std Dev		0.048	0.158	0.187	4.32%	2.10%

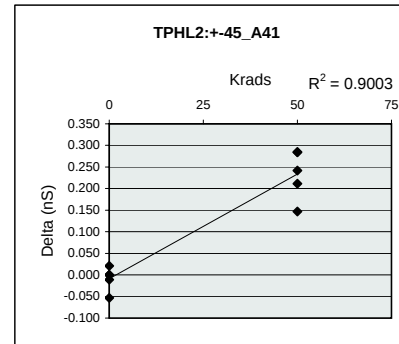


TPLH2:-+45_A40		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	4.276	4.560
Average	4.322	4.613
Min	4.370	4.655
UL	8.000	8.000

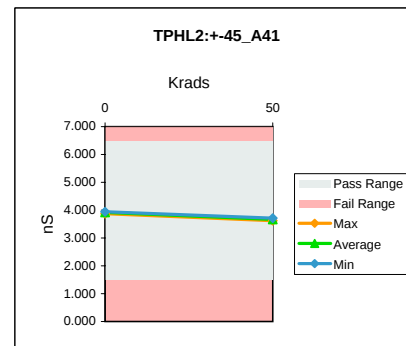


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A41						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.855	3.708	0.147	3.81%	2.94%
50	2	3.940	3.655	0.285	7.23%	5.70%
50	3	3.918	3.634	0.284	7.25%	5.68%
50	4	3.834	3.623	0.211	5.50%	4.22%
50	5	3.929	3.687	0.242	6.16%	4.84%
0	21	3.940	3.940	0.000	0.00%	0.00%
0	22	3.940	3.940	0.000	0.00%	0.00%
0	23	3.887	3.898	-0.011	-0.28%	0.22%
0	24	3.897	3.876	0.021	0.54%	0.42%
0	25	3.887	3.940	-0.053	-1.36%	1.06%
Max		3.940	3.940	0.285	7.25%	5.70%
Average		3.903	3.790	0.113	2.89%	2.51%
Min		3.834	3.623	-0.053	-1.36%	0.00%
Std Dev		0.037	0.139	0.135	3.44%	2.43%

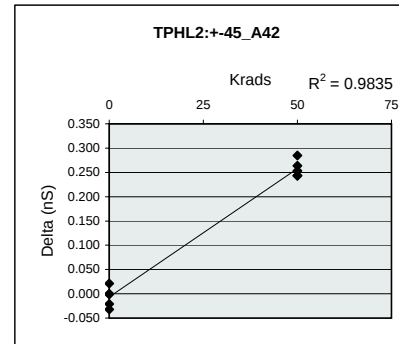


TPHL2:+-45_A41		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.876	3.623
Average	3.919	3.661
Min	3.940	3.708
UL	6.500	6.500

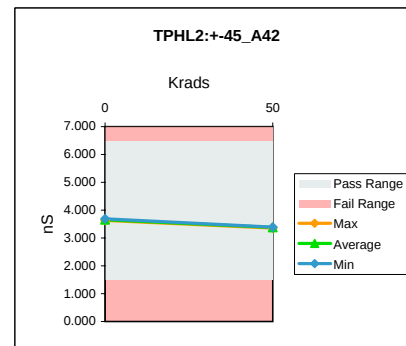


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A42						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.646	3.393	0.253	6.94%	5.06%
50	2	3.636	3.393	0.243	6.68%	4.86%
50	3	3.678	3.393	0.285	7.75%	5.70%
50	4	3.594	3.351	0.243	6.76%	4.86%
50	5	3.636	3.372	0.264	7.26%	5.28%
0	21	3.625	3.646	-0.021	-0.58%	0.42%
0	22	3.688	3.689	-0.001	-0.03%	0.02%
0	23	3.646	3.678	-0.032	-0.88%	0.64%
0	24	3.646	3.646	0.000	0.00%	0.00%
0	25	3.657	3.636	0.021	0.57%	0.42%
Max		3.688	3.689	0.285	7.75%	5.70%
Average		3.645	3.520	0.126	3.45%	2.73%
Min		3.594	3.351	-0.032	-0.88%	0.00%
Std Dev		0.026	0.148	0.140	3.86%	2.57%

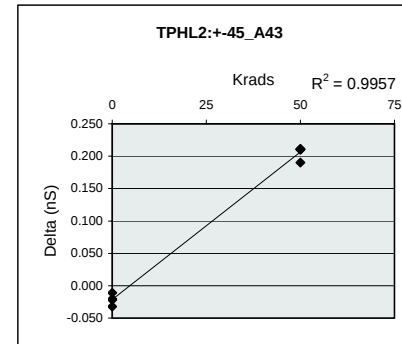


TPHL2:+-45_A42		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.636	3.351
Average	3.659	3.380
Min	3.689	3.393
UL	6.500	6.500

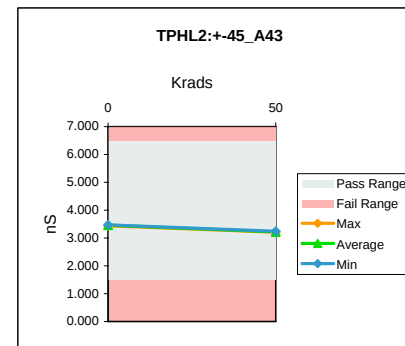


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A43						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.439	3.228	0.211	6.14%	4.22%
50	2	3.439	3.228	0.211	6.14%	4.22%
50	3	3.428	3.218	0.210	6.13%	4.20%
50	4	3.397	3.207	0.190	5.59%	3.80%
50	5	3.450	3.239	0.211	6.12%	4.22%
0	21	3.418	3.450	-0.032	-0.94%	0.64%
0	22	3.450	3.471	-0.021	-0.61%	0.42%
0	23	3.450	3.471	-0.021	-0.61%	0.42%
0	24	3.428	3.439	-0.011	-0.32%	0.22%
0	25	3.428	3.450	-0.022	-0.64%	0.44%
Max		3.450	3.471	0.211	6.14%	4.22%
Average		3.433	3.340	0.093	2.70%	2.28%
Min		3.397	3.207	-0.032	-0.94%	0.22%
Std Dev		0.017	0.123	0.120	3.51%	1.96%

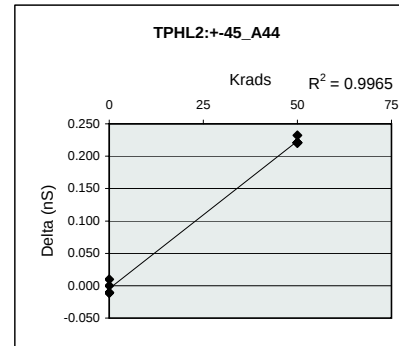


TPHL2:+-45_A43		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.439	3.207
Average	3.456	3.224
Min	3.471	3.239
UL	6.500	6.500

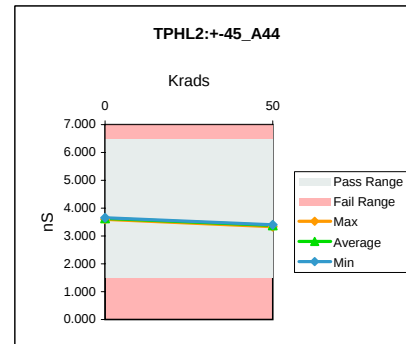


TID Report 50Krad (Si) 54AC00

TPHL2:+45_A44							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nS		nS			
Max Limit		6.5		6.5			
Min Limit		1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.608	3.387	0.221	6.13%	4.42%	
50	2	3.619	3.398	0.221	6.11%	4.42%	
50	3	3.598	3.377	0.221	6.14%	4.42%	
50	4	3.566	3.334	0.232	6.51%	4.64%	
50	5	3.598	3.377	0.221	6.14%	4.42%	
0	21	3.587	3.598	-0.011	-0.31%	0.22%	
0	22	3.640	3.640	0.000	0.00%	0.00%	
0	23	3.640	3.651	-0.011	-0.30%	0.22%	
0	24	3.608	3.619	-0.011	-0.30%	0.22%	
0	25	3.640	3.630	0.010	0.27%	0.20%	
Max		3.640	3.651	0.232	6.51%	4.64%	
Average		3.610	3.501	0.109	3.04%	2.32%	
Min		3.566	3.334	-0.011	-0.31%	0.00%	
Std Dev		0.025	0.135	0.120	3.34%	2.26%	

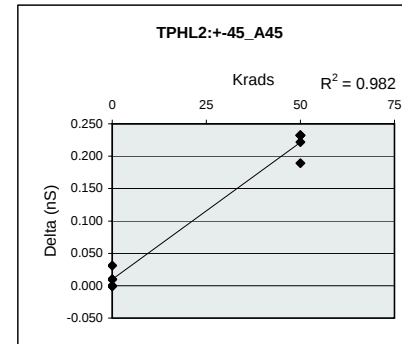


TPHL2:+45_A44			
Test Site		Sherman, Tx	
Tester		IM581	
Test Number		52030007	
Max Limit		6.5	nS
Min Limit		1.5	nS
Krads		0	50
LL	1.500	1.500	
Max	3.598	3.334	
Average	3.628	3.375	
Min	3.651	3.398	
UL	6.500	6.500	

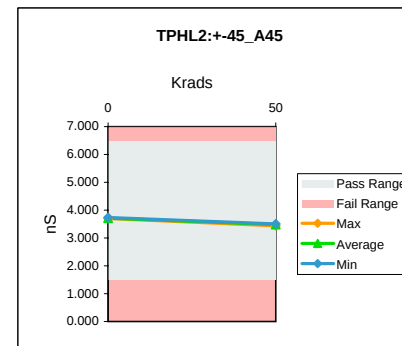


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A45						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.706	3.484	0.222	5.99%	4.44%
50	2	3.695	3.506	0.189	5.12%	3.78%
50	3	3.706	3.474	0.232	6.26%	4.64%
50	4	3.674	3.442	0.232	6.31%	4.64%
50	5	3.716	3.484	0.232	6.24%	4.64%
0	21	3.716	3.706	0.010	0.27%	0.20%
0	22	3.737	3.738	-0.001	-0.03%	0.02%
0	23	3.727	3.727	0.000	0.00%	0.00%
0	24	3.716	3.706	0.010	0.27%	0.20%
0	25	3.737	3.706	0.031	0.83%	0.62%
Max		3.737	3.738	0.232	6.31%	4.64%
Average		3.713	3.597	0.116	3.13%	2.32%
Min		3.674	3.442	-0.001	-0.03%	0.00%
Std Dev		0.019	0.127	0.112	3.04%	2.24%

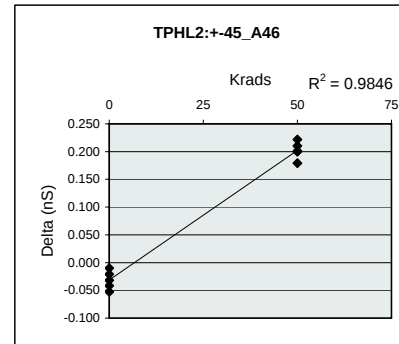


TPHL2:+-45_A45		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.706	3.442
Average	3.717	3.478
Min	3.738	3.506
UL	6.500	6.500

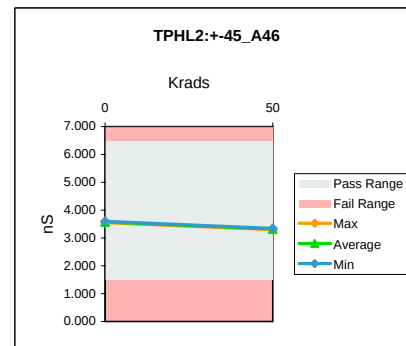


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A46						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.546	3.336	0.210	5.92%	4.20%
50	2	3.515	3.314	0.201	5.72%	4.02%
50	3	3.525	3.346	0.179	5.08%	3.58%
50	4	3.504	3.304	0.200	5.71%	4.00%
50	5	3.536	3.314	0.222	6.28%	4.44%
0	21	3.525	3.578	-0.053	-1.50%	1.06%
0	22	3.557	3.599	-0.042	-1.18%	0.84%
0	23	3.546	3.578	-0.032	-0.90%	0.64%
0	24	3.525	3.546	-0.021	-0.60%	0.42%
0	25	3.536	3.546	-0.010	-0.28%	0.20%
Max		3.557	3.599	0.222	6.28%	4.44%
Average		3.532	3.446	0.085	2.42%	2.34%
Min		3.504	3.304	-0.053	-1.50%	0.20%
Std Dev		0.016	0.131	0.124	3.52%	1.83%

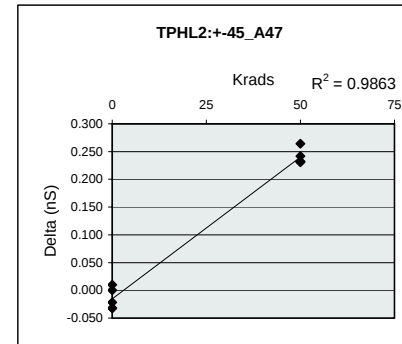


TPHL2:+-45_A46		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.546	3.304
Average	3.569	3.323
Min	3.599	3.346
UL	6.500	6.500

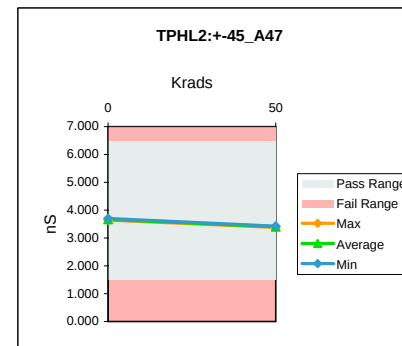


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A47						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.657	3.415	0.242	6.62%	4.84%
50	2	3.657	3.426	0.231	6.32%	4.62%
50	3	3.636	3.404	0.232	6.38%	4.64%
50	4	3.615	3.383	0.232	6.42%	4.64%
50	5	3.668	3.404	0.264	7.20%	5.28%
0	21	3.636	3.668	-0.032	-0.88%	0.64%
0	22	3.657	3.689	-0.032	-0.88%	0.64%
0	23	3.678	3.700	-0.022	-0.60%	0.44%
0	24	3.668	3.658	0.010	0.27%	0.20%
0	25	3.647	3.647	0.000	0.00%	0.00%
Max		3.678	3.700	0.264	7.20%	5.28%
Average		3.652	3.539	0.113	3.08%	2.59%
Min		3.615	3.383	-0.032	-0.88%	0.00%
Std Dev		0.019	0.141	0.136	3.71%	2.34%

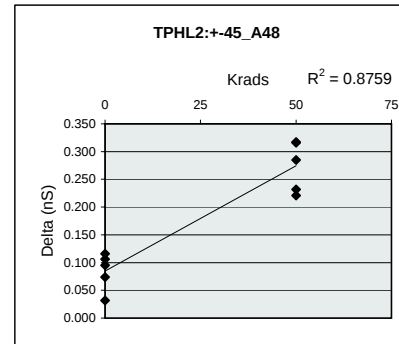


TPHL2:+-45_A47		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.647	3.383
Average	3.672	3.406
Min	3.700	3.426
UL	6.500	6.500

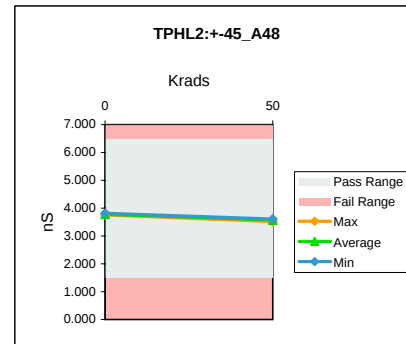


TID Report 50Krad (Si) 54AC00

TPHL2:+-45_A48						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.891	3.574	0.317	8.15%	6.34%
50	2	3.827	3.606	0.221	5.77%	4.42%
50	3	3.806	3.574	0.232	6.10%	4.64%
50	4	3.838	3.522	0.316	8.23%	6.32%
50	5	3.859	3.574	0.285	7.39%	5.70%
0	21	3.817	3.785	0.032	0.84%	0.64%
0	22	3.912	3.817	0.095	2.43%	1.90%
0	23	3.880	3.806	0.074	1.91%	1.48%
0	24	3.870	3.764	0.106	2.74%	2.12%
0	25	3.870	3.754	0.116	3.00%	2.32%
Max		3.912	3.817	0.317	8.23%	6.34%
Average		3.857	3.678	0.179	4.65%	3.59%
Min		3.806	3.522	0.032	0.84%	0.64%
Std Dev		0.034	0.117	0.107	2.77%	2.14%

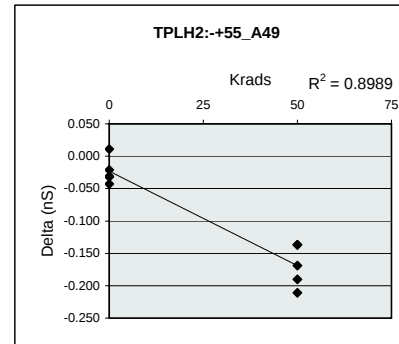


TPHL2:+-45_A48		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.754	3.522
Average	3.785	3.570
Min	3.817	3.606
UL	6.500	6.500

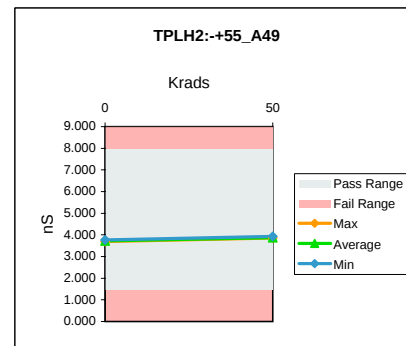


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A49						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.692	3.882	-0.190	-5.15%	2.92%
50	2	3.714	3.851	-0.137	-3.69%	2.11%
50	3	3.756	3.925	-0.169	-4.50%	2.60%
50	4	3.714	3.851	-0.137	-3.69%	2.11%
50	5	3.640	3.851	-0.211	-5.80%	3.25%
0	21	3.735	3.766	-0.031	-0.83%	0.48%
0	22	3.650	3.693	-0.043	-1.18%	0.66%
0	23	3.671	3.703	-0.032	-0.87%	0.49%
0	24	3.714	3.735	-0.021	-0.57%	0.32%
0	25	3.756	3.745	0.011	0.29%	0.17%
Max		3.756	3.925	0.011	0.29%	3.25%
Average		3.704	3.800	-0.096	-2.60%	1.51%
Min		3.640	3.693	-0.211	-5.80%	0.17%
Std Dev		0.041	0.081	0.081	2.19%	1.20%

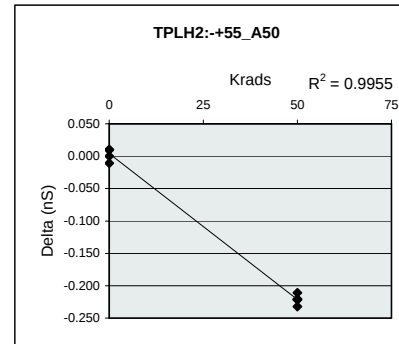


TPLH2:-+55_A49		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.693	3.851
Average	3.728	3.872
Min	3.766	3.925
UL	8.000	8.000

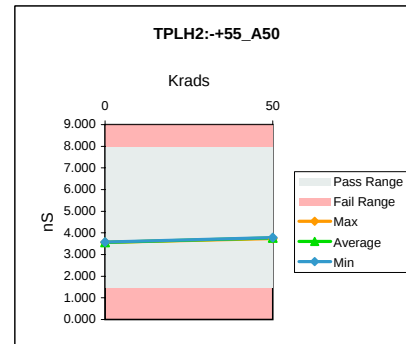


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A50							
Test Site		Sherman, Tx		Sherman, Tx			
Tester		IM581		IM581			
Test Number		52030007		52030007			
Unit		nS		nS			
Max Limit		8		8			
Min Limit		1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.545	3.767	-0.222	-6.26%	3.42%	
50	2	3.535	3.756	-0.221	-6.25%	3.40%	
50	3	3.545	3.777	-0.232	-6.54%	3.57%	
50	4	3.535	3.746	-0.211	-5.97%	3.25%	
50	5	3.556	3.777	-0.221	-6.21%	3.40%	
0	21	3.566	3.556	0.010	0.28%	0.15%	
0	22	3.587	3.577	0.010	0.28%	0.15%	
0	23	3.566	3.577	-0.011	-0.31%	0.17%	
0	24	3.556	3.556	0.000	0.00%	0.00%	
0	25	3.566	3.556	0.010	0.28%	0.15%	
Max		3.587	3.777	0.010	0.28%	3.57%	
Average		3.556	3.664	-0.109	-3.07%	1.77%	
Min		3.535	3.556	-0.232	-6.54%	0.00%	
Std Dev		0.016	0.106	0.119	3.36%	1.73%	

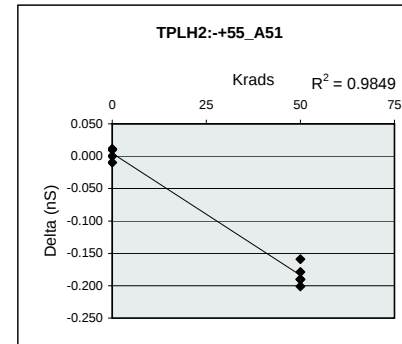


TPLH2:-+55_A50			
Test Site		Sherman, Tx	
Tester		IM581	
Test Number		52030007	
Max Limit		8	nS
Min Limit		1.5	nS
Krads		0	50
LL	1.500	1.500	
Max	3.556	3.746	
Average	3.564	3.765	
Min	3.577	3.777	
UL	8.000	8.000	

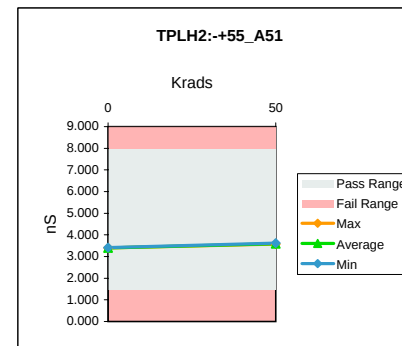


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A51						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.416	3.575	-0.159	-4.65%	2.45%
50	2	3.406	3.585	-0.179	-5.26%	2.75%
50	3	3.416	3.606	-0.190	-5.56%	2.92%
50	4	3.385	3.575	-0.190	-5.61%	2.92%
50	5	3.416	3.617	-0.201	-5.88%	3.09%
0	21	3.406	3.416	-0.010	-0.29%	0.15%
0	22	3.416	3.406	0.010	0.29%	0.15%
0	23	3.427	3.416	0.011	0.32%	0.17%
0	24	3.395	3.395	0.000	0.00%	0.00%
0	25	3.406	3.395	0.011	0.32%	0.17%
Max		3.427	3.617	0.011	0.32%	3.09%
Average		3.409	3.499	-0.090	-2.63%	1.48%
Min		3.385	3.395	-0.201	-5.88%	0.00%
Std Dev		0.012	0.099	0.100	2.93%	1.43%

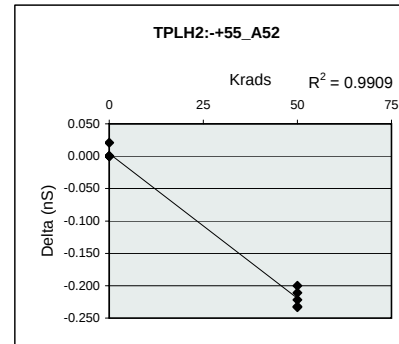


TPLH2:-+55_A51		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.395	3.575
Average	3.406	3.592
Min	3.416	3.617
UL	8.000	8.000

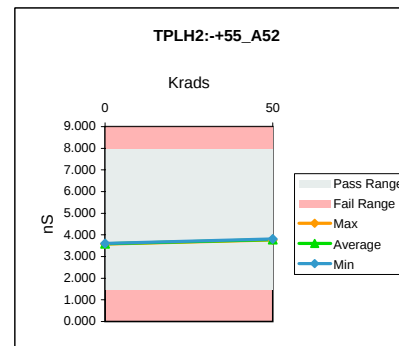


TID Report 50Krad (Si)
54AC00

		TPLH2:-+55_A52				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IM581	IM581			
Test Number		52030007	52030007			
Unit		nS	nS			
Max Limit		8	8			
Min Limit		1.5	1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.572	3.783	-0.211	-5.91%	3.25%
50	2	3.593	3.793	-0.200	-5.57%	3.08%
50	3	3.561	3.783	-0.222	-6.23%	3.42%
50	4	3.540	3.772	-0.232	-6.55%	3.57%
50	5	3.582	3.815	-0.233	-6.50%	3.58%
0	21	3.572	3.572	0.000	0.00%	0.00%
0	22	3.604	3.583	0.021	0.58%	0.32%
0	23	3.604	3.604	0.000	0.00%	0.00%
0	24	3.572	3.572	0.000	0.00%	0.00%
0	25	3.593	3.593	0.000	0.00%	0.00%
	Max	3.604	3.815	0.021	0.58%	3.58%
	Average	3.579	3.687	-0.108	-3.02%	1.72%
	Min	3.540	3.572	-0.233	-6.55%	0.00%
	Std Dev	0.020	0.109	0.118	3.32%	1.76%

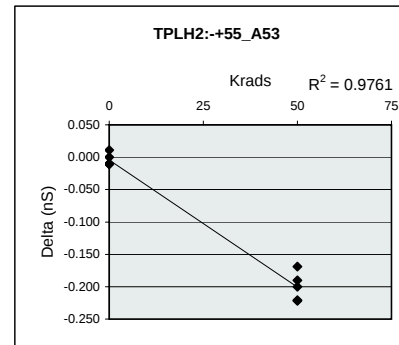


Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.572	3.772
Average	3.585	3.789
Min	3.604	3.815
UL	8.000	8.000

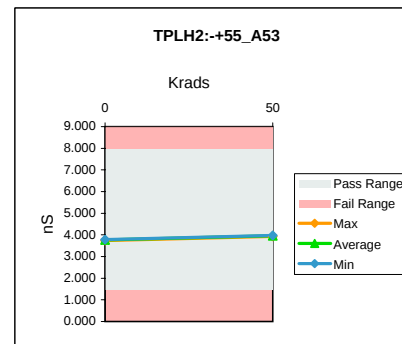


TID Report 50Krad (Si)
54AC00

		TPH2:- +55_A53					
Test Site		Sherman, Tx	Sherman, Tx				
Tester		IM581	IM581				
Test Number		52030007	52030007				
Unit		nS	nS				
Max Limit		8	8				
Min Limit		1.5	1.5				
Krads	Serial #	Pre_50KRad_25c	Post_50KRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.723	3.945	-0.222	-5.96%	3.42%	
50	2	3.765	3.934	-0.169	-4.49%	2.60%	
50	3	3.776	3.976	-0.200	-5.30%	3.08%	
50	4	3.755	3.976	-0.221	-5.89%	3.40%	
50	5	3.765	3.955	-0.190	-5.05%	2.92%	
0	21	3.776	3.786	-0.010	-0.26%	0.15%	
0	22	3.786	3.786	0.000	0.00%	0.00%	
0	23	3.765	3.776	-0.011	-0.29%	0.17%	
0	24	3.755	3.744	0.011	0.29%	0.17%	
0	25	3.765	3.776	-0.011	-0.29%	0.17%	
	Max	3.786	3.976	0.011	0.29%	3.42%	
	Average	3.763	3.865	-0.102	-2.72%	1.61%	
	Min	3.723	3.744	-0.222	-5.96%	0.00%	
	Std Dev	0.017	0.098	0.105	2.79%	1.57%	

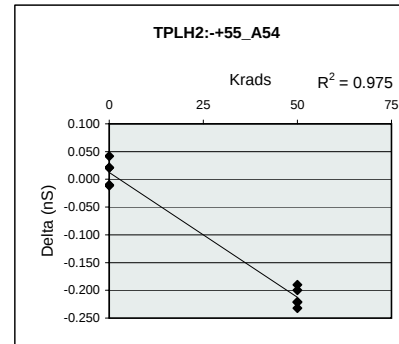


	IFLN2-135_A53	
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.744	3.934
Average	3.774	3.957
Min	3.786	3.976
UL	8.000	8.000

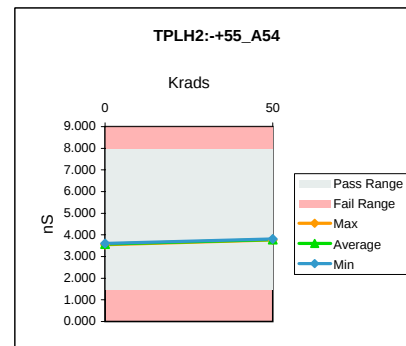


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A54						
Test Site		Sherman, Tx		Sherman, Tx		
Tester		IM581		IM581		
Test Number		52030007		52030007		
Unit		nS		nS		
Max Limit		8		8		
Min Limit		1.5		1.5		
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.554	3.786	-0.232	-6.53%	3.57%
50	2	3.565	3.765	-0.200	-5.61%	3.08%
50	3	3.586	3.807	-0.221	-6.16%	3.40%
50	4	3.565	3.786	-0.221	-6.20%	3.40%
50	5	3.596	3.786	-0.190	-5.28%	2.92%
0	21	3.586	3.596	-0.010	-0.28%	0.15%
0	22	3.596	3.607	-0.011	-0.31%	0.17%
0	23	3.596	3.575	0.021	0.58%	0.32%
0	24	3.596	3.554	0.042	1.17%	0.65%
0	25	3.586	3.565	0.021	0.59%	0.32%
Max		3.596	3.807	0.042	1.17%	3.57%
Average		3.583	3.683	-0.100	-2.80%	1.80%
Min		3.554	3.554	-0.232	-6.53%	0.15%
Std Dev		0.016	0.110	0.120	3.37%	1.57%

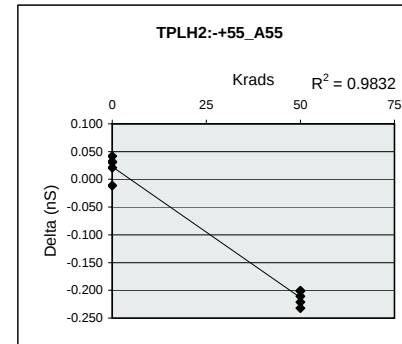


TPLH2:-+55_A54		
Test Site		
Tester		
Test Number		
Max Limit		
Min Limit		
Krads	0	50
LL	1.500	1.500
Max	3.554	3.765
Average	3.579	3.786
Min	3.607	3.807
UL	8.000	8.000

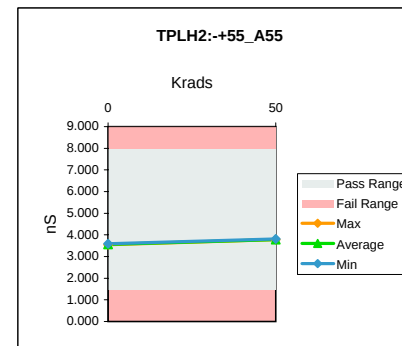


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A55						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.575	3.776	-0.201	-5.62%	3.09%
50	2	3.596	3.797	-0.201	-5.59%	3.09%
50	3	3.565	3.786	-0.221	-6.20%	3.40%
50	4	3.544	3.776	-0.232	-6.55%	3.57%
50	5	3.596	3.807	-0.211	-5.87%	3.25%
0	21	3.575	3.586	-0.011	-0.31%	0.17%
0	22	3.596	3.575	0.021	0.58%	0.32%
0	23	3.607	3.575	0.032	0.89%	0.49%
0	24	3.596	3.554	0.042	1.17%	0.65%
0	25	3.575	3.544	0.031	0.87%	0.48%
Max		3.607	3.807	0.042	1.17%	3.57%
Average		3.583	3.678	-0.095	-2.66%	1.85%
Min		3.544	3.544	-0.232	-6.55%	0.17%
Std Dev		0.019	0.118	0.126	3.51%	1.52%

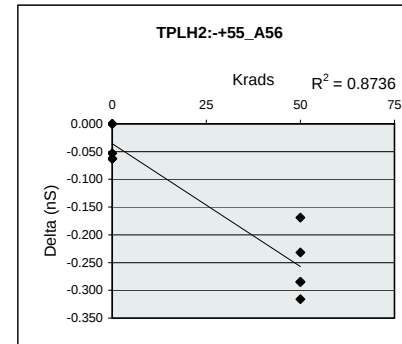


TPLH2:-+55_A55		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.544	3.776
Average	3.567	3.788
Min	3.586	3.807
UL	8.000	8.000

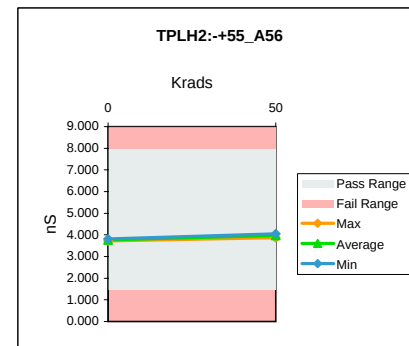


TID Report 50Krad (Si) 54AC00

TPLH2:-+55_A56						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	8		8			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.719	4.004	-0.285	-7.66%	4.38%
50	2	3.751	3.983	-0.232	-6.19%	3.57%
50	3	3.730	4.046	-0.316	-8.47%	4.86%
50	4	3.698	3.867	-0.169	-4.57%	2.60%
50	5	3.719	4.004	-0.285	-7.66%	4.38%
0	21	3.688	3.751	-0.063	-1.71%	0.97%
0	22	3.751	3.814	-0.063	-1.68%	0.97%
0	23	3.730	3.783	-0.053	-1.42%	0.82%
0	24	3.751	3.751	0.000	0.00%	0.00%
0	25	3.719	3.719	0.000	0.00%	0.00%
Max		3.751	4.046	0.000	0.00%	4.86%
Average		3.726	3.872	-0.147	-3.94%	2.26%
Min		3.688	3.719	-0.316	-8.47%	0.00%
Std Dev		0.022	0.125	0.125	3.35%	1.92%

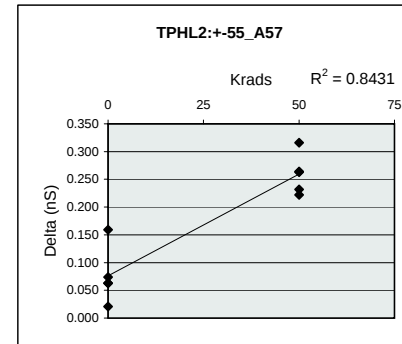


TPLH2:-+55_A56		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	8	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.719	3.867
Average	3.764	3.981
Min	3.814	4.046
UL	8.000	8.000

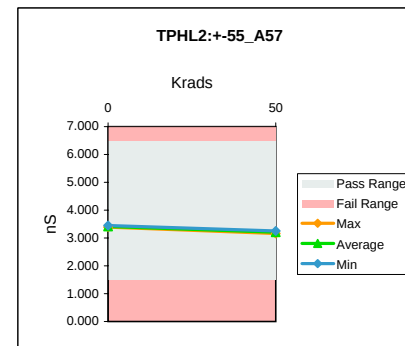


TID Report 50Krad (Si) 54AC00

TPHL2:+-55_A57						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.450	3.186	0.264	7.65%	5.28%
50	2	3.481	3.249	0.232	6.66%	4.64%
50	3	3.481	3.165	0.316	9.08%	6.32%
50	4	3.428	3.165	0.263	7.67%	5.26%
50	5	3.471	3.249	0.222	6.40%	4.44%
0	21	3.492	3.418	0.074	2.12%	1.48%
0	22	3.492	3.429	0.063	1.80%	1.26%
0	23	3.471	3.408	0.063	1.82%	1.26%
0	24	3.471	3.450	0.021	0.61%	0.42%
0	25	3.545	3.386	0.159	4.49%	3.18%
Max		3.545	3.450	0.316	9.08%	6.32%
Average		3.478	3.311	0.168	4.83%	3.35%
Min		3.428	3.165	0.021	0.61%	0.42%
Std Dev		0.030	0.118	0.105	3.05%	2.11%

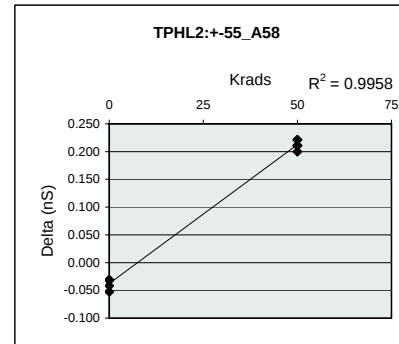


TPHL2:+-55_A57		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.386	3.165
Average	3.418	3.203
Min	3.450	3.249
UL	6.500	6.500

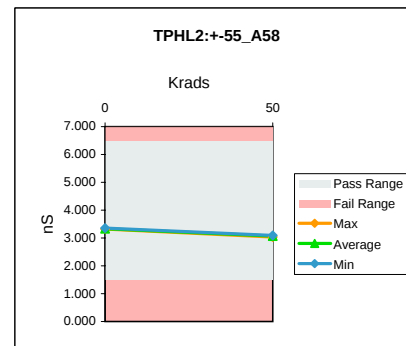


TID Report 50Krad (Si) 54AC00

TPHL2:+-55_A58						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.300	3.089	0.211	6.39%	4.22%
50	2	3.279	3.058	0.221	6.74%	4.42%
50	3	3.279	3.079	0.200	6.10%	4.00%
50	4	3.258	3.037	0.221	6.78%	4.42%
50	5	3.279	3.068	0.211	6.43%	4.22%
0	21	3.290	3.321	-0.031	-0.94%	0.62%
0	22	3.321	3.353	-0.032	-0.96%	0.64%
0	23	3.300	3.353	-0.053	-1.61%	1.06%
0	24	3.290	3.332	-0.042	-1.28%	0.84%
0	25	3.300	3.332	-0.032	-0.97%	0.64%
Max		3.321	3.353	0.221	6.78%	4.42%
Average		3.290	3.202	0.087	2.67%	2.51%
Min		3.258	3.037	-0.053	-1.61%	0.62%
Std Dev		0.017	0.144	0.132	4.04%	1.85%

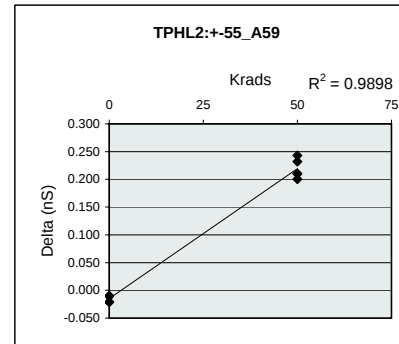


TPHL2:+-55_A58		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.321	3.037
Average	3.338	3.066
Min	3.353	3.089
UL	6.500	6.500

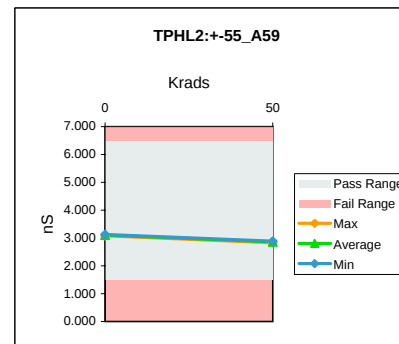


TID Report 50Krad (Si)
54AC00

		TPHL2:-55_A59				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IM581	IM581			
Test Number		52030007	52030007			
Unit		nS	nS			
Max Limit		6.5	6.5			
Min Limit		1.5	1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.103	2.860	0.243	7.83%	4.86%
50	2	3.092	2.882	0.210	6.79%	4.20%
50	3	3.071	2.871	0.200	6.51%	4.00%
50	4	3.061	2.829	0.232	7.58%	4.64%
50	5	3.092	2.882	0.210	6.79%	4.20%
0	21	3.061	3.082	-0.021	-0.69%	0.42%
0	22	3.103	3.124	-0.021	-0.68%	0.42%
0	23	3.092	3.103	-0.011	-0.36%	0.22%
0	24	3.082	3.092	-0.010	-0.32%	0.20%
0	25	3.082	3.092	-0.010	-0.32%	0.20%
	Max	3.103	3.124	0.243	7.83%	4.86%
	Average	3.084	2.982	0.102	3.31%	2.34%
	Min	3.061	2.829	-0.021	-0.69%	0.20%
	Std Dev	0.015	0.125	0.124	4.01%	2.17%

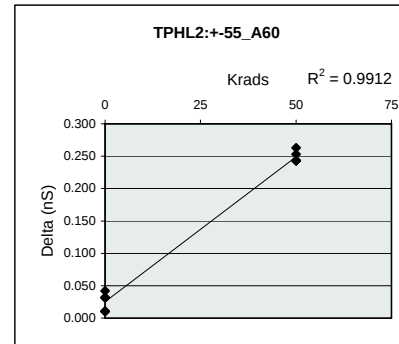


IPHL2:1-55 A59		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.082	2.829
Average	3.099	2.865
Min	3.124	2.882
UL	6.500	6.500

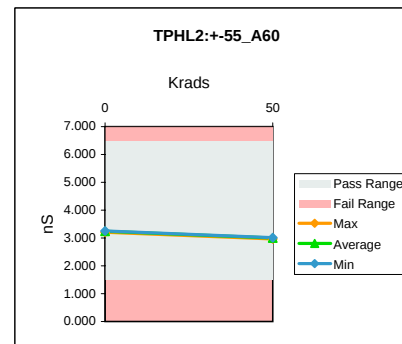


TID Report 50Krad (Si)
54AC00

		TPHL2:-55_A60					
	Test Site	Sherman, Tx	Sherman, Tx				
	Tester	IM581	IM581				
	Test Number	52030007	52030007				
	Unit	nS	nS				
	Max Limit	6.5	6.5				
	Min Limit	1.5	1.5				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.253	3.010	0.243	7.47%	4.86%	
50	2	3.253	3.010	0.243	7.47%	4.86%	
50	3	3.263	3.000	0.263	8.06%	5.26%	
50	4	3.221	2.968	0.253	7.85%	5.06%	
50	5	3.253	3.010	0.243	7.47%	4.86%	
0	21	3.242	3.211	0.031	0.96%	0.62%	
0	22	3.263	3.253	0.010	0.31%	0.20%	
0	23	3.285	3.253	0.032	0.97%	0.64%	
0	24	3.253	3.242	0.011	0.34%	0.22%	
0	25	3.274	3.232	0.042	1.28%	0.84%	
	Max	3.285	3.253	0.263	8.06%	5.26%	
	Average	3.256	3.119	0.137	4.22%	2.74%	
	Min	3.221	2.968	0.010	0.31%	0.20%	
	Std Dev	0.017	0.127	0.118	3.65%	2.37%	

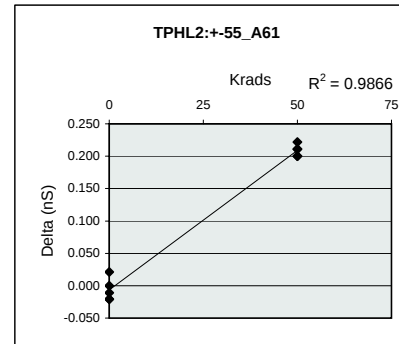


IPHL21-35_A00		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.211	2.968
Average	3.238	3.000
Min	3.253	3.010
UL	6.500	6.500

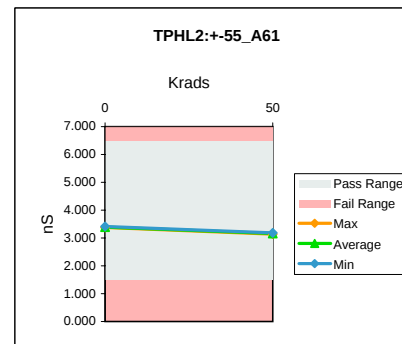


TID Report 50Krad (Si)
54AC00

		TPHL2:-55_A61					
Test Site		Sherman, Tx	Sherman, Tx				
Tester		IM581	IM581				
Test Number		52030007	52030007				
Unit		nS	nS				
Max Limit		6.5	6.5				
Min Limit		1.5	1.5				
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range	
50	1	3.381	3.181	0.200	5.92%	4.00%	
50	2	3.381	3.170	0.211	6.24%	4.22%	
50	3	3.381	3.170	0.211	6.24%	4.22%	
50	4	3.339	3.139	0.200	5.99%	4.00%	
50	5	3.392	3.170	0.222	6.54%	4.44%	
0	21	3.381	3.392	-0.011	-0.33%	0.22%	
0	22	3.392	3.413	-0.021	-0.62%	0.42%	
0	23	3.392	3.413	-0.021	-0.62%	0.42%	
0	24	3.381	3.381	0.000	0.00%	0.00%	
0	25	3.402	3.381	0.021	0.62%	0.42%	
	Max	3.402	3.413	0.222	6.54%	4.44%	
	Average	3.382	3.281	0.101	3.00%	2.24%	
	Min	3.339	3.139	-0.021	-0.62%	0.00%	
	Std Dev	0.017	0.122	0.114	3.38%	2.05%	

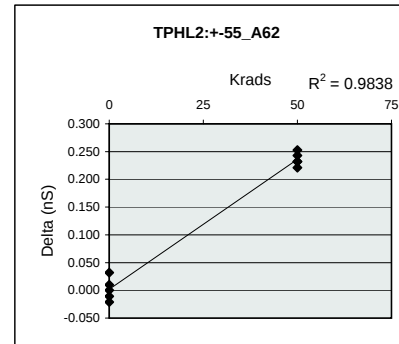


IPM12:1-35 A01		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.381	3.139
Average	3.396	3.166
Min	3.413	3.181
UL	6.500	6.500

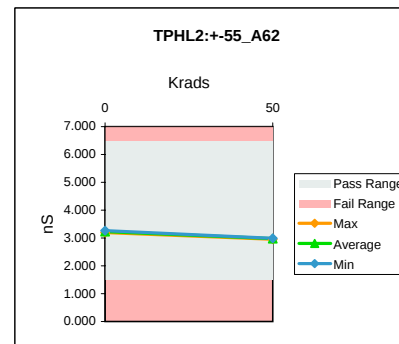


TID Report 50Krad (Si)
54AC00

		TPHL2:-55_A62				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IM581	IM581			
Test Number		52030007	52030007			
Unit		nS	nS			
Max Limit		6.5	6.5			
Min Limit		1.5	1.5			
Krads	Serial #	Pre_50KRad_25c	Post_50KRad_25c	Delta	Delta %	% of Limit Range
50	1	3.221	2.968	0.253	7.85%	5.06%
50	2	3.200	2.979	0.221	6.91%	4.42%
50	3	3.221	2.989	0.232	7.20%	4.64%
50	4	3.190	2.958	0.232	7.27%	4.64%
50	5	3.232	2.989	0.243	7.52%	4.86%
0	21	3.221	3.232	-0.011	-0.34%	0.22%
0	22	3.242	3.263	-0.021	-0.65%	0.42%
0	23	3.242	3.232	0.010	0.31%	0.20%
0	24	3.232	3.200	0.032	0.99%	0.64%
0	25	3.221	3.221	0.000	0.00%	0.00%
	Max	3.242	3.263	0.253	7.85%	5.06%
	Average	3.222	3.103	0.119	3.71%	2.51%
	Min	3.190	2.958	-0.021	-0.65%	0.00%
	Std Dev	0.017	0.135	0.124	3.87%	2.35%

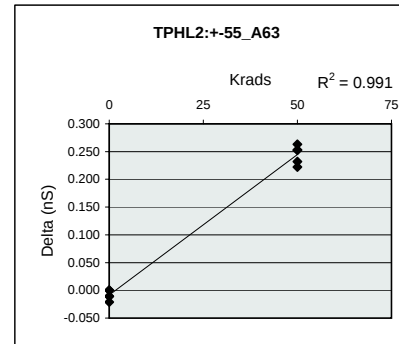


IPHL2:1-35 ABZ		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.200	2.958
Average	3.230	2.977
Min	3.263	2.989
UL	6.500	6.500

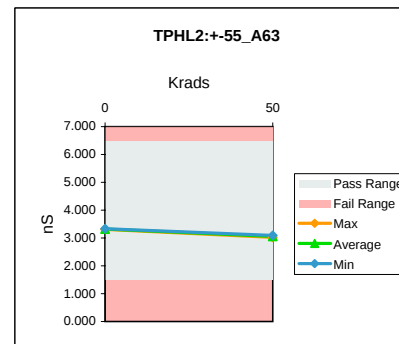


TID Report 50Krad (Si)
54AC00

		TPHL2:-55_A63				
Test Site		Sherman, Tx	Sherman, Tx			
Tester		IM581	IM581			
Test Number		52030007	52030007			
Unit		nS	nS			
Max Limit		6.5	6.5			
Min Limit		1.5	1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.322	3.059	0.263	7.92%	5.26%
50	2	3.312	3.090	0.222	6.70%	4.44%
50	3	3.301	3.069	0.232	7.03%	4.64%
50	4	3.280	3.027	0.253	7.71%	5.06%
50	5	3.312	3.059	0.253	7.64%	5.06%
0	21	3.301	3.322	-0.021	-0.64%	0.42%
0	22	3.322	3.333	-0.011	-0.33%	0.22%
0	23	3.322	3.333	-0.011	-0.33%	0.22%
0	24	3.312	3.312	0.000	0.00%	0.00%
0	25	3.312	3.312	0.000	0.00%	0.00%
	Max	3.322	3.333	0.263	7.92%	5.26%
	Average	3.310	3.192	0.118	3.57%	2.53%
	Min	3.280	3.027	-0.021	-0.64%	0.00%
	Std Dev	0.013	0.139	0.134	4.06%	2.50%

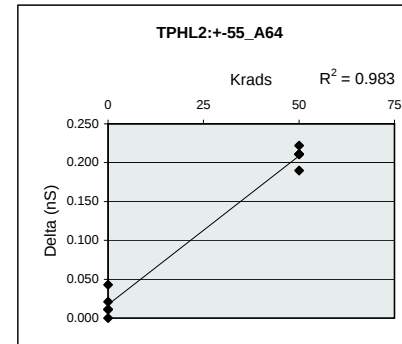


IPHL21-35_A03		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.312	3.027
Average	3.322	3.061
Min	3.333	3.090
UL	6.500	6.500



TID Report 50Krad (Si) 54AC00

TPHL2:+55_A64						
Test Site	Sherman, Tx		Sherman, Tx			
Tester	IM581		IM581			
Test Number	52030007		52030007			
Unit	nS		nS			
Max Limit	6.5		6.5			
Min Limit	1.5		1.5			
Krads	Serial #	Pre_50kRad_25c	Post_50kRad_25c	Delta	Delta %	% of Limit Range
50	1	3.505	3.294	0.211	6.02%	4.22%
50	2	3.463	3.273	0.190	5.49%	3.80%
50	3	3.463	3.252	0.211	6.09%	4.22%
50	4	3.410	3.199	0.211	6.19%	4.22%
50	5	3.495	3.273	0.222	6.35%	4.44%
0	21	3.463	3.452	0.011	0.32%	0.22%
0	22	3.495	3.452	0.043	1.23%	0.86%
0	23	3.526	3.505	0.021	0.60%	0.42%
0	24	3.473	3.473	0.000	0.00%	0.00%
0	25	3.484	3.473	0.011	0.32%	0.22%
Max		3.526	3.505	0.222	6.35%	4.44%
Average		3.478	3.365	0.113	3.26%	2.26%
Min		3.410	3.199	0.000	0.00%	0.00%
Std Dev		0.032	0.116	0.102	2.94%	2.04%



TPHL2:+55_A64		
Test Site	Sherman, Tx	
Tester	IM581	
Test Number	52030007	
Max Limit	6.5	nS
Min Limit	1.5	nS
Krads	0	50
LL	1.500	1.500
Max	3.452	3.199
Average	3.471	3.258
Min	3.505	3.294
UL	6.500	6.500

