

UC1875-SP Neutron Displacement Damage (NDD) Characterization



ABSTRACT

This report presents the effect of neutron displacement damage (NDD) on the UC1875-SP device. The results show that all devices were fully functional and within production test limits after having been irradiated up to 1×10^{12} n/cm² (1-MeV equivalent). A sample size of nine units was exposed to radiation testing per MIL-STD-883(Method 1017 for Neutron Irradiation) and an additional unirradiated sample device was used for correlation. Electrical testing was performed at Texas Instruments before and after neutron irradiation using the production test program for UC1875-SP.

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1 Overview

The UC1875-SP is a space-grade, bipolar phase shifted full bridge controller with 10.75-V/9.25-V UVLO, -55°C to 125°C.

The UC1875-SP implements control of a bridge power stage by phase-shifting the switching of one half-bridge with respect to the other, allowing constant frequency pulse-width modulation in combination with resonant, zero-voltage switching for high efficiency performance at high frequencies. This circuit may be configured to provide control in either voltage or current mode operation, with a separate overcurrent shutdown for fast fault protection.

General device information and testing conditions are listed in [Table 1-1](#).

Table 1-1. Overview Information

TI Part Number	UC1875-SP
Orderable Number	5962-9455501VRA
Device Function	Phase Shift Resonant Controller
Die Name	SMJAC1875PS
Package	20-pin CDIP(J)
Technology	JI-PWR2
A/T Lot Number / Date Code	3014976/1344A
Unbiased Quantity Tested	9 + control
Exposure Facility	VPT Rad
Neutron Fluence (1-MeV equivalent)	1.0×10^{12} , 5.0×10^{12} , 1.0×10^{13} n/cm ²
Irradiation Temperature	25°C
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2 Test Procedures

The UC1875-SP was electrically pre-tested using the production automated test equipment (ATE) program. General test procedures were IAW MIL-STD-883, Method 1017 for Neutron Irradiation of UC1875-SP.

Table 2-1. Neutron Irradiation Conditions

Group	Sample Qty	Neutron Fluence (n/cm ²)	Bias
A	3	1.0×10^{12}	Unbiased
B	3	5.0×10^{12}	Unbiased
C	3	1.0×10^{13}	Unbiased



Figure 2-1. UC1875-SP Device

The UC1875-SP is packaged in a 20-pin CDIP(J) package as shown in [Figure 2-1](#) .

3 Facility

VPT Rad performs all neutron displacement damage irradiations in a low-enriched, open-pool, water moderated, thermal neutron reactor. It utilizes flat-plate type fuel and has a maximum thermal energy output of up to 1 MW. The Fast Neutron Irradiator (FNI) faces one side of the reactor core. The FNI design produces a geometrical planar *beam* of fast neutrons that is approximately uniform over an area of 12 in × 20 in. Lead and thermal neutron absorbing compounds are combined to filter out both fission gammas and thermal neutrons. The ratio of fast-to-thermal neutrons is approximately 400:1, with a gamma exposure of up to 1401 rad(Si) for a 1E13 n/cm² (1-MeV(Si) equivalent) exposure. The FNI can accommodate a sample or samples with size up to 30 cm in diameter and 15-cm thick including packaging materials. The minimum neutron fluence rate is 1E6 n/cm²-s. The maximum neutron fluence rate is approximately 1.0E11 n/cm²-s (both values are 1-MeV(Si) equivalent).

The neutron fluence rate is determined using the previously-measured neutron radiation field for the FNI, performed in accordance with ASTM standards (ASTM F1190), and correlated to the measured reactor power level. The neutron dose is timed to meet the customer-specified fluence for the irradiation. Neutron dosimetry meeting ASTM standards (ASTM E265) is utilized to track and ensure irradiations meet the required minimum. The facility retains *source-suitability* with the Defense Logistics Agency (DLA) Laboratory Suitability Program for ASTM Test Method 1017. The DUTS are typically irradiation in an unbiased condition as per TM1017. If bias conditions are required, they can be maintained via dry thimbles connected to the irradiation volume.

4 Results

There were no functional failures at $1E12$ n/cm². All parametric measurements remained well within all data sheet (SLUSAQ9B) limits for $1E12$ n/cm². All parametric measurements are guard-banded from the data sheet limits. The full parameter list and graphs are found in [Appendix A](#).

[Table 4-1](#) lists the UC1875-SP specification compliance matrix.

Table 4-1. UC1875-SP Specification Compliance Matrix

PARAMETER	TEST CONDITION	UC1875-SP DATA SHEET (SLUSAQ9B)				ATE TEST #	
		MIN	TYP	MAX	UNIT		
SUPPLY CURRENT							
I _{IN} Startup	V _{IN} = 8 V, V _C = 20 V, R _(SLOPE) open, I _(DELAY) = 0		150	600	μA	200.0	
I _C Startup	V _{IN} = 8 V, V _C = 20 V, R _(SLOPE) open, I _(DELAY) = 0		10	100	μA	200.1	
I _C			15	30	mA	200.3	
I _{IN}			30	44	mA	200.2	
UNDERVOLTAGE LOCKOUT							
Start Threshold			10.75	11.75	V	400.0	
UVLO HYST		0.5	1.25	2	V	400.2	
VOLTAGE REFERENCE							
Output voltage	T _J = 25°C	4.92	5	5.08	V	300.0, 300.1	
Line Regulation	11 V < V _{IN} < 20 V		1	10	mV	300.5	
Load Regulation	I _{VREF} = -10 mA		5	20	mV	300.2	
Total Variation	Line, Load, Temperature	4.9		5.1	V	300.3, 300.4	
Short Circuit Current	V _{REF} = 0 V, T _J = 25°C		60		mA	300.6	
Oscillator							
Maximum Frequency	R _(FREQUENT) = 5 kΩ	2			MHz	500.0	
Initial Accuracy	T _A = 25°C	0.85	1	1.15	MHz	500.1	
Sync Pin Threshold	T _J = 25°C		3.8		V	600	
Clock Out Peak	T _J = 25°C		4.3		V	500.2	
Clock Out Low	T _J = 25°C		3.3		V	500.3	
Clock Out Pulse Width	T _J = 25°C				V	500.4	
Total Variation	Line, Temperature	0.8		1.2	MHz	500.5, 500.6	
Voltage Stability	11 V < V _{IN} < 20 V	8		1.2	MHz	500.7	
PWM Comparator							
PWM Phase Shift	V _(E/AOUT) > (Ramp Peak + Ramp Offset)	01 device	98	99.5	102	%	800.0
		02 device	96	100	104		800.5
	V _(E/AOUT) < Zero Phase Shift Voltage	0	0.5	2		800.3, 800.8	
Ramp Offset Voltage			1.3		V	1500.0	
Output Skew			5	20	ns	800.2, 800.7	
Ramp to Output Delay			65	125	ns	1500.1, 1500.2	
Delay Set							
Delay Set Voltage	I _{Delay} = -500 μA	2.3	2.4	2.6	V	1000.0, 1000.1	

Table 4-1. UC1875-SP Specification Compliance Matrix (continued)

PARAMETER	TEST CONDITION	UC1875-SP DATA SHEET (SLUSAQ9B)				ATE TEST #
		MIN	TYP	MAX	UNIT	
Delay Time	$I_{\text{Delay}} = -250 \mu\text{A}$	150	250	600	ns	1000.2, 1000.5, 1000.6, 1000.9
ERROR AMPLIFIER						
Offset Voltage			5	15	mV	900.0
Input Bias Current			0.6	3	μA	900.1,900.2,900.3
AVOL	$1 \text{ V} < V_{(E/AOUT)}$	60	90		dB	900.4
CMMR	$1.5 \text{ V} < V_{\text{CM}} < 5.5 \text{ V}$	75	90		dB	900.5
PSRR	$11 \text{ V} < V_{\text{IN}} < 20 \text{ V}$	85	100		dB	900.6
Output Sink Current	$V_{(E/AOUT)} = 1 \text{ V}$	1	2.5		mA	900.7
Output Source Current	$I_{(E/AOUT)} = 4 \text{ V}$		-1.3	-0.5	mA	900.8
Output Voltage High	$I_{(E/AOUT)} = -0.5 \text{ mA}$	4	4.7	5	V	900.9
Output Voltage Low	$I_{(E/AOUT)} = 1 \text{ mA}$	0	0.5	1	V	900.10
Unity Gain BW	2 device	7			MHz	900.11
Slew Rate		6	11		V/ μs	900.12
CURRENT LIMIT						
Input Bias	$V_{\text{CS}+} = 3 \text{ V}$		2	5	μA	1100.0
Threshold Voltage		2.4	2.5	2.6	V	1100.1, 1100.2, 1100.3, 1100.4
Delay to Output			85	150	ns	1200.1, 1200.2, 1200.3, 1200.4
SOFT START/RESET DELAY						
Charge Current	$V_{\text{softstart}} = 0.5 \text{ V}$	-20	-9	-3	μA	1300.0
Discharge Current	$V_{\text{softstart}} = 1 \text{ V}$	120	230		μA	1300.1
Restart Threshold		4.3	4.7		V	1300.3
Discharge Level			300		V	1300.4
RAMP GENERATOR/SLOPE COMPENSATION						
Ramp Current, Minimum	$I_{\text{Slope}} = 10 \mu\text{A}, V_{\text{FREQSET}} = V_{\text{REF}}$		-11	-14	μA	1400.0
Ramp Current, Maximum	$I_{\text{Slope}} = 10 \text{ mA}, V_{\text{FREQSET}} = V_{\text{REF}}$	-0.8	-0.95		mA	1400.1
Ramp Peak - Clamping Level	$R_{\text{FREQSET}} = 100\text{k}\Omega$	3.8	4.1	5	V	1400.2
Output Low Level	$I_{\text{OUT}} = 50 \text{ mA}$		0.2	0.4	V	2100.2, 2100.6, 2100.12, 2100.14
Output High Level	$I_{\text{OUT}} = -50 \text{ mA}$		1.5	2.5	V	2100.0, 2100.4, 2100.8, 2100.10

5 Revision History

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

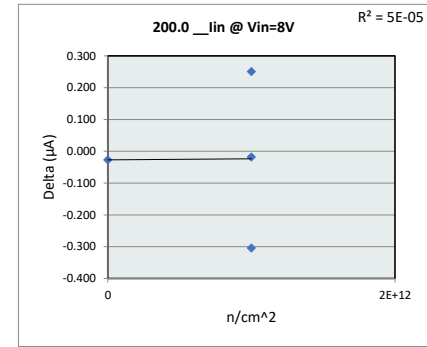
DATE	REVISION	NOTES
March 2022	*	Initial release

A Appendix: NDD Test Results

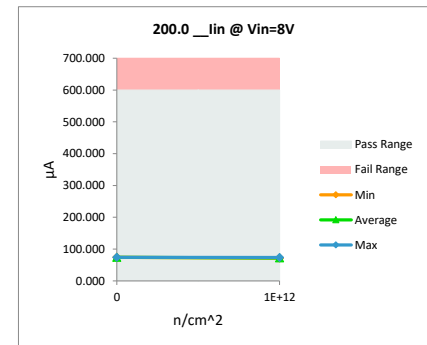
This appendix contains the detailed NDD test results.

NDD Report UC1875-SP

200.0 __Iin @ Vin=8V						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		600	600			
Min Limit		0	0			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	71.777	71.473	-0.304	-0.42%	0.05%
1E+12	513	73.683	73.665	-0.018	-0.02%	0.00%
1E+12	514	71.251	71.502	0.251	0.35%	0.04%
0	356	74.173	74.146	-0.027	-0.04%	0.00%
Max		74.173	74.146	0.251	0.35%	0.05%
Average		72.721	72.697	-0.024	-0.03%	0.02%
Min		71.251	71.473	-0.304	-0.42%	0.00%
Std Dev		1.424	1.410	0.227	0.32%	0.02%

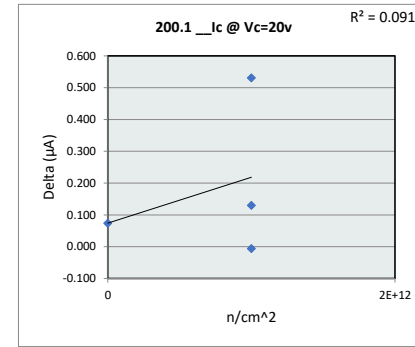


200.0 __Iin @ Vin=8V		
Test Site		
Tester		
Test Number		
Max Limit	600	µA
Min Limit	0	µA
n/cm^2	0	1E+12
LL	0.000	0.000
Min	74.146	71.473
Average	74.146	72.213
Max	74.146	73.665
UL	600.000	600.000

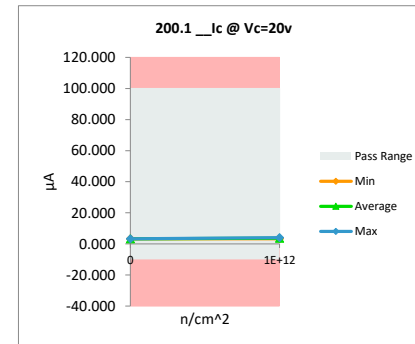


NDD Report UC1875-SP

200.1 __Ic @ Vc=20v						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		100	100			
Min Limit		-10	-10			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	3.489	4.020	0.531	15.22%	0.48%
1E+12	513	3.657	3.651	-0.006	-0.16%	0.01%
1E+12	514	3.172	3.302	0.130	4.10%	0.12%
0	356	3.203	3.277	0.074	2.31%	0.07%
Max		3.657	4.020	0.531	15.22%	0.48%
Average		3.380	3.563	0.182	5.37%	0.17%
Min		3.172	3.277	-0.006	-0.16%	0.01%
Std Dev		0.233	0.350	0.239	6.80%	0.21%

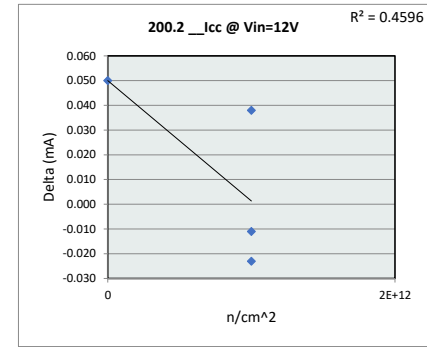


200.1 __Ic @ Vc=20v		
Test Site		
Tester		
Test Number		
Max Limit	100	µA
Min Limit	-10	µA
n/cm^2	0	1E+12
LL	-10.000	-10.000
Min	3.277	3.302
Average	3.277	3.658
Max	3.277	4.020
UL	100.000	100.000

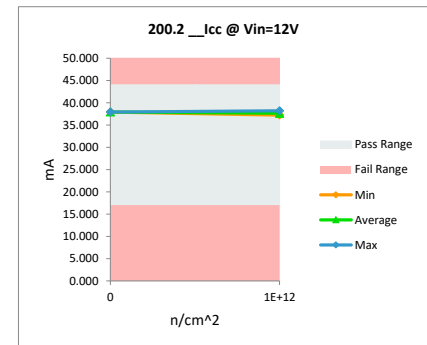


NDD Report UC1875-SP

200.2 __Icc @ Vin=12V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		44	44			
Min Limit		17	17			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	37.240	37.229	-0.011	-0.03%	0.04%
1E+12	513	38.221	38.198	-0.023	-0.06%	0.09%
1E+12	514	37.475	37.513	0.038	0.10%	0.14%
0	356	37.863	37.913	0.050	0.13%	0.19%
Max		38.221	38.198	0.050	0.13%	0.19%
Average		37.700	37.713	0.014	0.04%	0.11%
Min		37.240	37.229	-0.023	-0.06%	0.04%
Std Dev		0.432	0.428	0.036	0.09%	0.06%

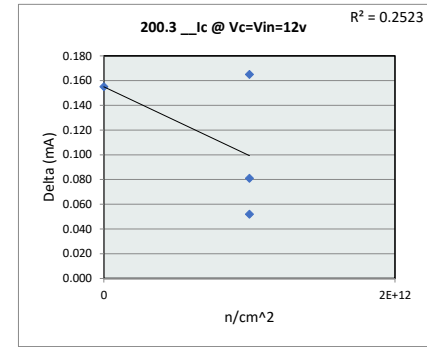


200.2 __Icc @ Vin=12V		
Test Site		
Tester		
Test Number		
Max Limit	44	mA
Min Limit	17	mA
n/cm^2	0	1E+12
LL	17.000	17.000
Min	37.913	37.229
Average	37.913	37.647
Max	37.913	38.198
UL	44.000	44.000

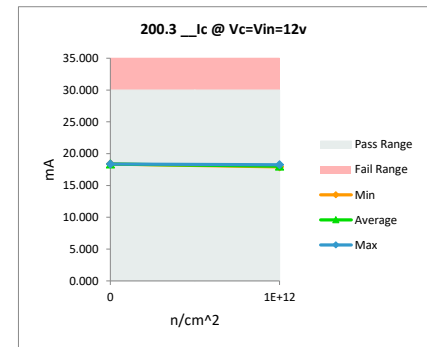


NDD Report UC1875-SP

200.3 __Ic @ Vc=Vin=12v						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		30	30			
Min Limit		0	0			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	17.755	17.920	0.165	0.93%	0.55%
1E+12	513	17.838	17.919	0.081	0.45%	0.27%
1E+12	514	18.203	18.255	0.052	0.29%	0.17%
0	356	18.214	18.369	0.155	0.85%	0.52%
Max		18.214	18.369	0.165	0.93%	0.55%
Average		18.002	18.116	0.113	0.63%	0.38%
Min		17.755	17.919	0.052	0.29%	0.17%
Std Dev		0.240	0.231	0.055	0.31%	0.18%

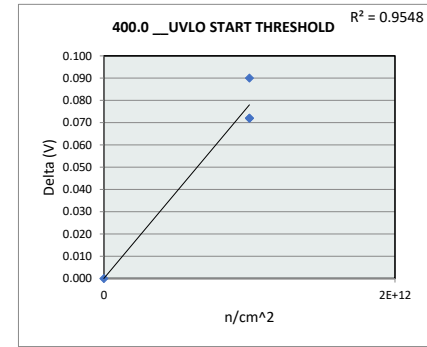


200.3 __Ic @ Vc=Vin=12v		
Test Site		
Tester		
Test Number		
Max Limit	30	mA
Min Limit	0	mA
n/cm^2	0	1E+12
LL	0.000	0.000
Min	18.369	17.919
Average	18.369	18.031
Max	18.369	18.255
UL	30.000	30.000

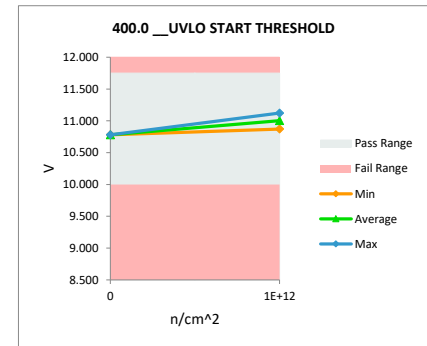


NDD Report UC1875-SP

400.0 __UVLO START THRESHOLD						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	11.75	11.75				
Min Limit	10	10				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	10.781	10.871	0.090	0.83%	5.14%
1E+12	513	10.943	11.015	0.072	0.66%	4.11%
1E+12	514	11.051	11.123	0.072	0.65%	4.11%
0	356	10.781	10.781	0.000	0.00%	0.00%
Max		11.051	11.123	0.090	0.83%	5.14%
Average		10.889	10.948	0.059	0.54%	3.34%
Min		10.781	10.781	0.000	0.00%	0.00%
Std Dev		0.132	0.152	0.040	0.37%	2.28%

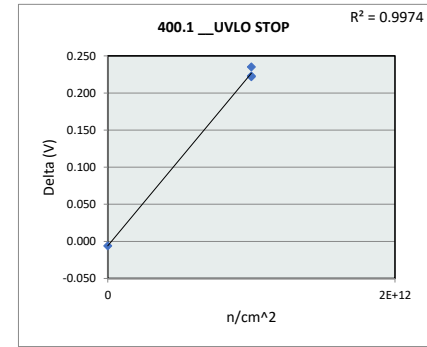


400.0 __UVLO START THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	11.75	V
Min Limit	10	V
n/cm^2	0	1E+12
LL	10.000	10.000
Min	10.781	10.871
Average	10.781	11.003
Max	10.781	11.123
UL	11.750	11.750

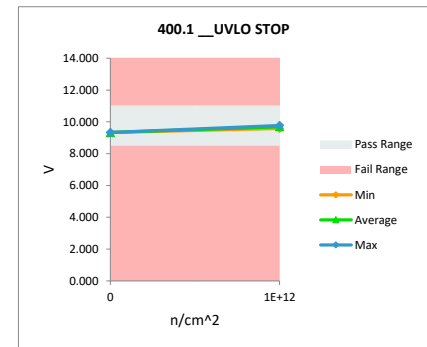


NDD Report UC1875-SP

400.1 __UVLO STOP						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	11	11				
Min Limit	8.5	8.5				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	9.351	9.586	0.235	2.51%	9.40%
1E+12	513	9.489	9.712	0.223	2.35%	8.92%
1E+12	514	9.550	9.772	0.222	2.32%	8.88%
0	356	9.339	9.333	-0.006	-0.06%	0.24%
Max		9.550	9.772	0.235	2.51%	9.40%
Average		9.432	9.601	0.169	1.78%	6.86%
Min		9.339	9.333	-0.006	-0.06%	0.24%
Std Dev		0.104	0.195	0.116	1.23%	4.42%

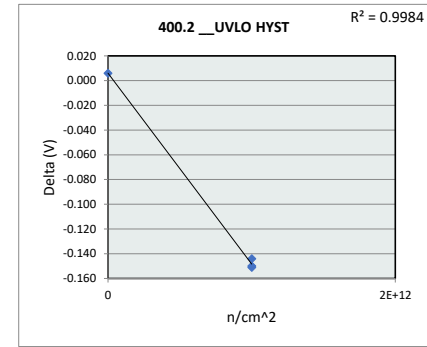


400.1 __UVLO STOP		
Test Site		
Tester		
Test Number		
Max Limit	11	V
Min Limit	8.5	V
n/cm^2	0	1E+12
LL	8.500	8.500
Min	9.333	9.586
Average	9.333	9.690
Max	9.333	9.772
UL	11.000	11.000

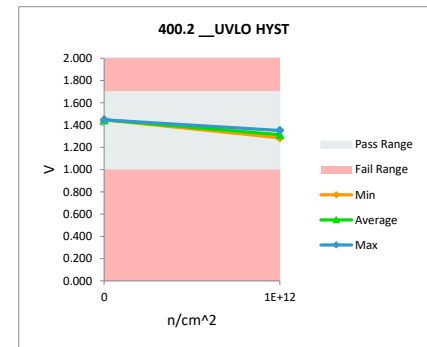


NDD Report
UC1875-SP

400.2 __UVLO HYST						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	1.7	1.7				
Min Limit	1	1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.429	1.285	-0.144	-10.08%	20.57%
1E+12	513	1.453	1.303	-0.150	-10.32%	21.43%
1E+12	514	1.502	1.351	-0.151	-10.05%	21.57%
0	356	1.441	1.447	0.006	0.42%	0.86%
Max		1.502	1.447	0.006	0.42%	21.57%
Average		1.456	1.346	-0.110	-7.51%	16.11%
Min		1.429	1.285	-0.151	-10.32%	0.86%
Std Dev		0.032	0.073	0.077	5.29%	10.18%

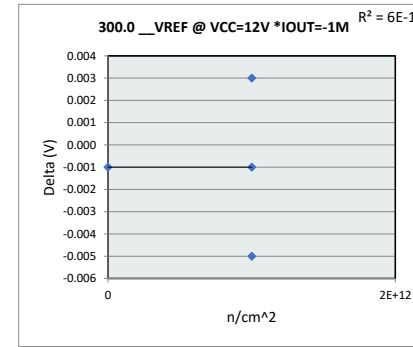


400.2 __UVLO HYST		
Test Site		
Tester		
Test Number		
Max Limit	1.7	V
Min Limit	1	V
n/cm^2	0	1E+12
LL	1.000	1.000
Min	1.447	1.285
Average	1.447	1.313
Max	1.447	1.351
UL	1.700	1.700

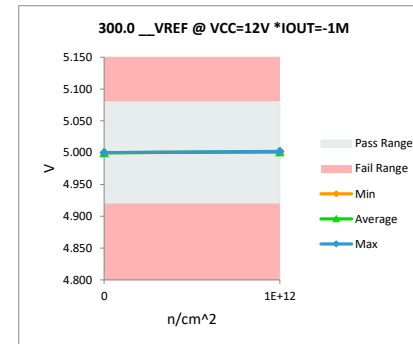


NDD Report UC1875-SP

300.0 __VREF @ VCC=12V *IOUT						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5.08	5.08				
Min Limit	4.92	4.92				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	5.002	5.001	-0.001	-0.02%	0.62%
1E+12	513	5.007	5.002	-0.005	-0.10%	3.13%
1E+12	514	4.998	5.001	0.003	0.06%	1.87%
0	356	5.001	5.000	-0.001	-0.02%	0.62%
Max		5.007	5.002	0.003	0.06%	3.13%
Average		5.002	5.001	-0.001	-0.02%	1.56%
Min		4.998	5.000	-0.005	-0.10%	0.62%
Std Dev		0.004	0.001	0.003	0.07%	1.20%

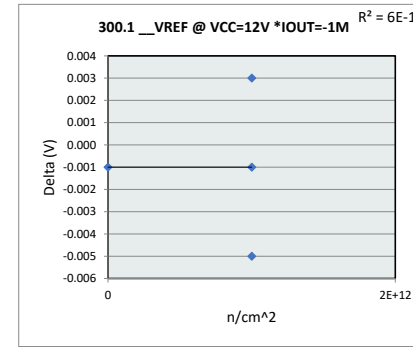


300.0 __VREF @ VCC=12V *IOUT		
Test Site		
Tester		
Test Number		
Max Limit	5.08	V
Min Limit	4.92	V
n/cm^2	0	1E+12
LL	4.920	4.920
Min	5.000	5.001
Average	5.000	5.001
Max	5.000	5.002
UL	5.080	5.080

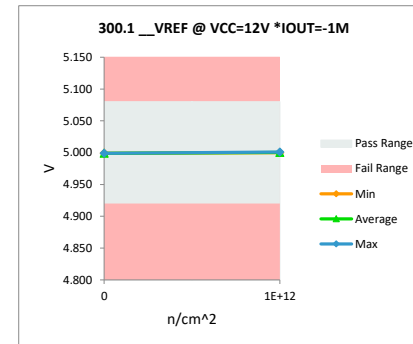


NDD Report UC1875-SP

300.1 __VREF @ VCC=12V *IOUT						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5.08	5.08				
Min Limit	4.92	4.92				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	5.001	5.000	-0.001	-0.02%	0.62%
1E+12	513	5.006	5.001	-0.005	-0.10%	3.13%
1E+12	514	4.997	5.000	0.003	0.06%	1.87%
0	356	5.000	4.999	-0.001	-0.02%	0.62%
Max		5.006	5.001	0.003	0.06%	3.13%
Average		5.001	5.000	-0.001	-0.02%	1.56%
Min		4.997	4.999	-0.005	-0.10%	0.62%
Std Dev		0.004	0.001	0.003	0.07%	1.20%

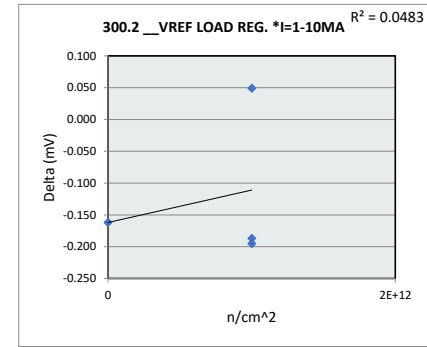


300.1 __VREF @ VCC=12V *IOUT		
Test Site		
Tester		
Test Number		
Max Limit	5.08	V
Min Limit	4.92	V
n/cm^2	0	1E+12
LL	4.920	4.920
Min	4.999	5.000
Average	4.999	5.000
Max	4.999	5.001
UL	5.080	5.080

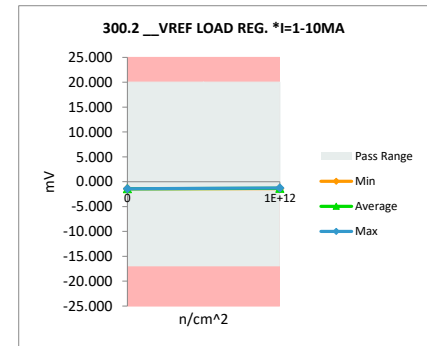


NDD Report UC1875-SP

300.2 _VREF LOAD REG. *I=1-1						
Test Site						
Tester						
Test Number						
Unit		mV	mV			
Max Limit		20	20			
Min Limit		-17	-17			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-1.193	-1.380	-0.187	15.67%	0.51%
1E+12	513	-1.153	-1.348	-0.195	16.91%	0.53%
1E+12	514	-1.307	-1.258	0.049	-3.75%	0.13%
0	356	-1.250	-1.412	-0.162	12.96%	0.44%
Max		-1.153	-1.258	0.049	16.91%	0.53%
Average		-1.226	-1.350	-0.124	10.45%	0.40%
Min		-1.307	-1.412	-0.195	-3.75%	0.13%
Std Dev		0.067	0.066	0.116	9.61%	0.18%

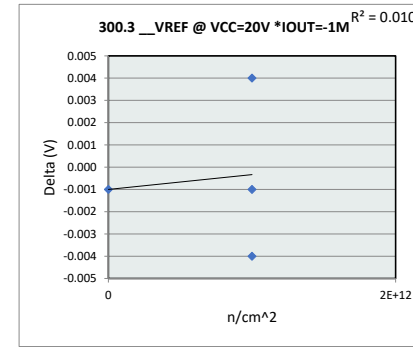


300.2 _VREF LOAD REG. *I=1		
Test Site		
Tester		
Test Number		
Max Limit	20	mV
Min Limit	-17	mV
n/cm^2	0	1E+12
LL	-17.000	-17.000
Min	-1.412	-1.380
Average	-1.412	-1.329
Max	-1.412	-1.258
UL	20.000	20.000

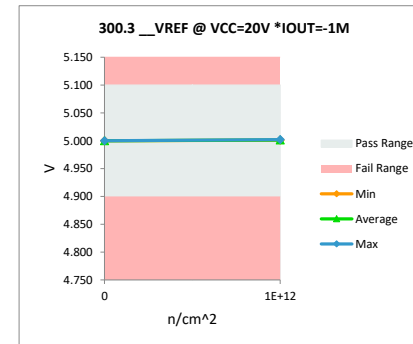


NDD Report UC1875-SP

300.3 __VREF @ VCC=20V *IOUT						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5.1	5.1				
Min Limit	4.9	4.9				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	5.002	5.001	-0.001	-0.02%	0.50%
1E+12	513	5.006	5.002	-0.004	-0.08%	2.00%
1E+12	514	4.997	5.001	0.004	0.08%	2.00%
0	356	5.001	5.000	-0.001	-0.02%	0.50%
Max		5.006	5.002	0.004	0.08%	2.00%
Average		5.002	5.001	-0.001	-0.01%	1.25%
Min		4.997	5.000	-0.004	-0.08%	0.50%
Std Dev		0.004	0.001	0.003	0.07%	0.87%

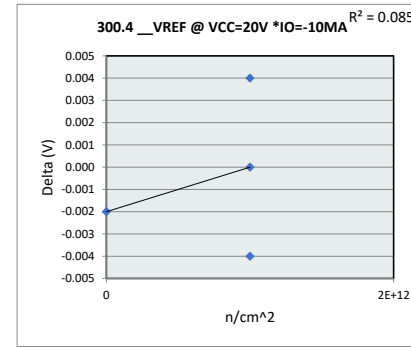


300.3 __VREF @ VCC=20V *IOUT		
Test Site		
Tester		
Test Number		
Max Limit	5.1	V
Min Limit	4.9	V
n/cm^2	0	1E+12
LL	4.900	4.900
Min	5.000	5.001
Average	5.000	5.001
Max	5.000	5.002
UL	5.100	5.100

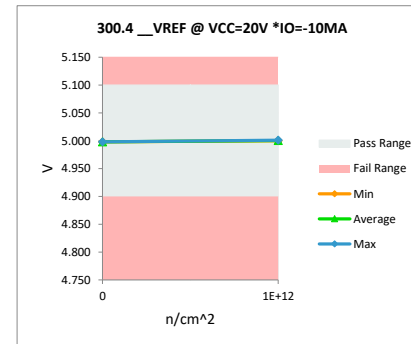


NDD Report UC1875-SP

300.4 __VREF @ VCC=20V *IO=-						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5.1	5.1				
Min Limit	4.9	4.9				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	5.000	5.000	0.000	0.00%	0.00%
1E+12	513	5.005	5.001	-0.004	-0.08%	2.00%
1E+12	514	4.996	5.000	0.004	0.08%	2.00%
0	356	5.000	4.998	-0.002	-0.04%	1.00%
Max		5.005	5.001	0.004	0.08%	2.00%
Average		5.000	5.000	0.000	-0.01%	1.25%
Min		4.996	4.998	-0.004	-0.08%	0.00%
Std Dev		0.004	0.001	0.003	0.07%	0.96%

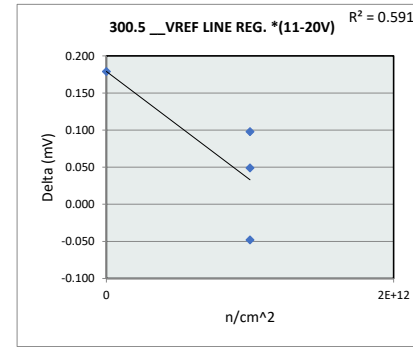


300.4 __VREF @ VCC=20V *IO=-		
Test Site		
Tester		
Test Number		
Max Limit	5.1	V
Min Limit	4.9	V
n/cm^2	0	1E+12
LL	4.900	4.900
Min	4.998	5.000
Average	4.998	5.000
Max	4.998	5.001
UL	5.100	5.100

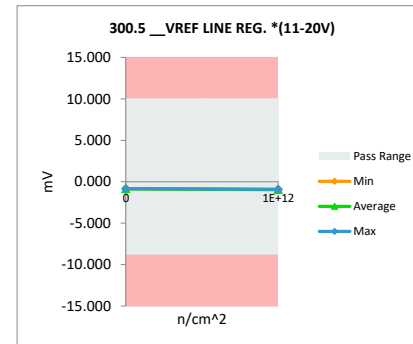


NDD Report
UC1875-SP

300.5 __VREF LINE REG. *(11-20V)						
Test Site						
Tester						
Test Number						
Unit		mV	mV			
Max Limit		10	10			
Min Limit		-8.8	-8.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-1.023	-0.925	0.098	-9.58%	0.52%
1E+12	513	-0.958	-0.909	0.049	-5.11%	0.26%
1E+12	514	-0.926	-0.974	-0.048	5.18%	0.26%
0	356	-1.023	-0.844	0.179	-17.50%	0.95%
Max		-0.926	-0.844	0.179	5.18%	0.95%
Average		-0.983	-0.913	0.070	-6.75%	0.50%
Min		-1.023	-0.974	-0.048	-17.50%	0.26%
Std Dev		0.049	0.054	0.095	9.46%	0.33%

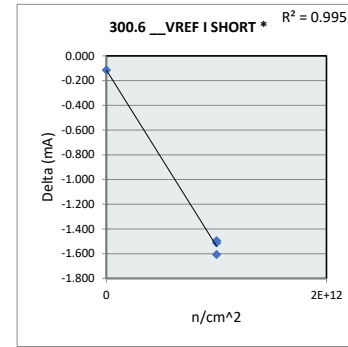


300.5 __VREF LINE REG. *(11-20V)		
Test Site		
Tester		
Test Number		
Max Limit	10	mV
Min Limit	-8.8	mV
n/cm^2	0	1E+12
LL	-8.800	-8.800
Min	-0.844	-0.974
Average	-0.844	-0.936
Max	-0.844	-0.909
UL	10.000	10.000

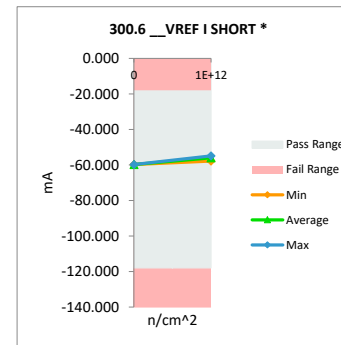


NDD Report UC1875-SP

300.6 __VREF I SHORT *						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		-18	-18			
Min Limit		-118	-118			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-56.287	-57.798	-1.511	2.68%	1.51%
1E+12	513	-53.709	-55.316	-1.607	2.99%	1.61%
1E+12	514	-53.399	-54.893	-1.494	2.80%	1.49%
0	356	-59.641	-59.756	-0.115	0.19%	0.12%
Max		-53.399	-54.893	-0.115	2.99%	1.61%
Average		-55.759	-56.941	-1.182	2.17%	1.18%
Min		-59.641	-59.756	-1.607	0.19%	0.12%
Std Dev		2.894	2.273	0.713	1.32%	0.71%

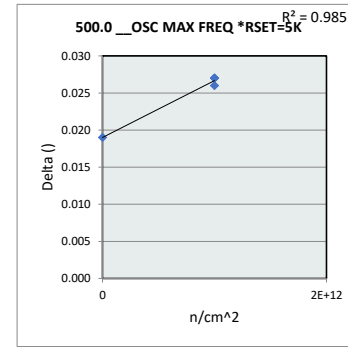


300.6 __VREF I SHORT *		
Test Site		
Tester		
Test Number		
Max Limit	-18	mA
Min Limit	-118	mA
n/cm^2	0	1E+12
LL	-118.000	-118.000
Min	-59.756	-57.798
Average	-59.756	-56.002
Max	-59.756	-54.893
UL	-18.000	-18.000

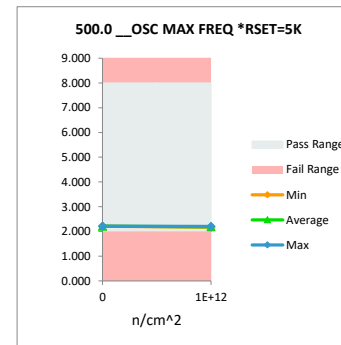


NDD Report UC1875-SP

500.0 __OSC MAX FREQ *RSET=5K						
Test Site						
Tester						
Test Number						
Unit						
Max Limit		8	8			
Min Limit		2	2			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.140	2.167	0.027	1.26%	0.45%
1E+12	513	2.166	2.193	0.027	1.25%	0.45%
1E+12	514	2.177	2.203	0.026	1.19%	0.43%
0	356	2.193	2.212	0.019	0.87%	0.32%
Max		2.193	2.212	0.027	1.26%	0.45%
Average		2.169	2.194	0.025	1.14%	0.41%
Min		2.140	2.167	0.019	0.87%	0.32%
Std Dev		0.022	0.019	0.004	0.19%	0.06%

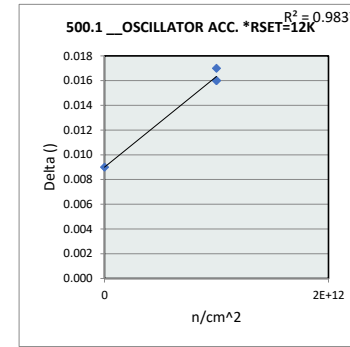


500.0 __OSC MAX FREQ *RSET=5K		
Test Site		
Tester		
Test Number		
Max Limit	8	
Min Limit	2	
n/cm^2	0	1E+12
LL	2.000	2.000
Min	2.212	2.167
Average	2.212	2.188
Max	2.212	2.203
UL	8.000	8.000

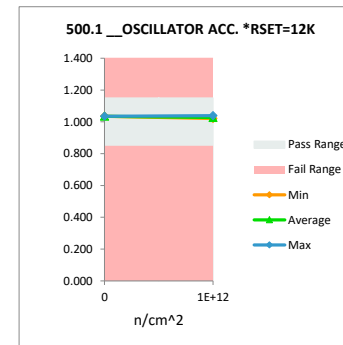


NDD Report UC1875-SP

500.1 __OSCILLATOR ACC. *RSET						
Test Site						
Tester						
Test Number						
Unit						
Max Limit		1.15	1.15			
Min Limit		0.85	0.85			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.004	1.021	0.017	1.69%	5.67%
1E+12	513	1.006	1.022	0.016	1.59%	5.33%
1E+12	514	1.023	1.039	0.016	1.56%	5.33%
0	356	1.026	1.035	0.009	0.88%	3.00%
Max		1.026	1.039	0.017	1.69%	5.67%
Average		1.015	1.029	0.014	1.43%	4.83%
Min		1.004	1.021	0.009	0.88%	3.00%
Std Dev		0.011	0.009	0.004	0.37%	1.23%

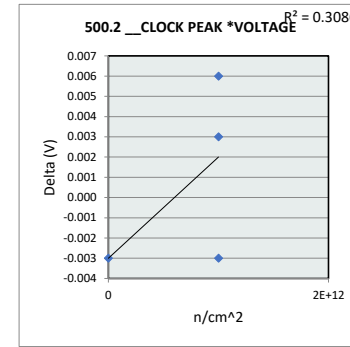


500.1 __OSCILLATOR ACC. *RS		
Test Site		
Tester		
Test Number		
Max Limit	1.15	
Min Limit	0.85	
n/cm^2	0	1E+12
LL	0.850	0.850
Min	1.035	1.021
Average	1.035	1.027
Max	1.035	1.039
UL	1.150	1.150

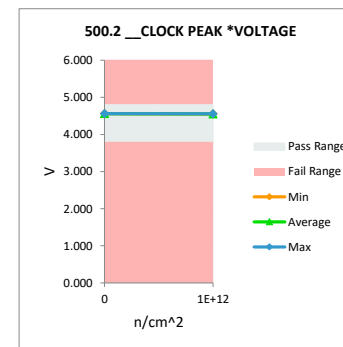


NDD Report
UC1875-SP

500.2 _CLOCK PEAK *VOLTAGE						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	4.8	4.8				
Min Limit	3.8	3.8				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	4.548	4.551	0.003	0.07%	0.30%
1E+12	513	4.557	4.554	-0.003	-0.07%	0.30%
1E+12	514	4.551	4.557	0.006	0.13%	0.60%
0	356	4.563	4.560	-0.003	-0.07%	0.30%
Max		4.563	4.560	0.006	0.13%	0.60%
Average		4.555	4.556	0.001	0.02%	0.38%
Min		4.548	4.551	-0.003	-0.07%	0.30%
Std Dev		0.007	0.004	0.005	0.10%	0.15%

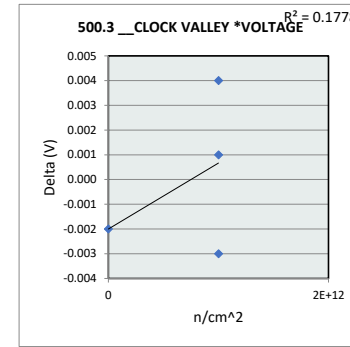


500.2 _CLOCK PEAK *VOLTAGE		
Test Site		
Tester		
Test Number		
Max Limit	4.8	V
Min Limit	3.8	V
n/cm^2	0	1E+12
LL	3.800	3.800
Min	4.560	4.551
Average	4.560	4.554
Max	4.560	4.557
UL	4.800	4.800

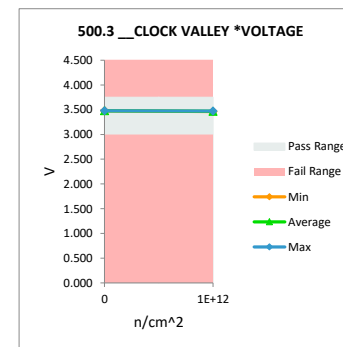


NDD Report
UC1875-SP

500.3 __CLOCK VALLEY *VOLTAGE						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	3.75	3.75				
Min Limit	3	3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	3.462	3.463	0.001	0.03%	0.13%
1E+12	513	3.475	3.472	-0.003	-0.09%	0.40%
1E+12	514	3.469	3.473	0.004	0.12%	0.53%
0	356	3.480	3.478	-0.002	-0.06%	0.27%
Max		3.480	3.478	0.004	0.12%	0.53%
Average		3.471	3.471	0.000	0.00%	0.33%
Min		3.462	3.463	-0.003	-0.09%	0.13%
Std Dev		0.008	0.006	0.003	0.09%	0.17%

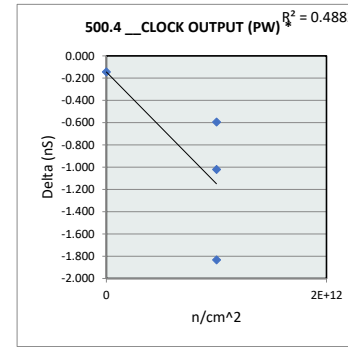


500.3 __CLOCK VALLEY *VOLT		
Test Site		
Tester		
Test Number		
Max Limit	3.75	V
Min Limit	3	V
n/cm^2	0	1E+12
LL	3.000	3.000
Min	3.478	3.463
Average	3.478	3.469
Max	3.478	3.473
UL	3.750	3.750

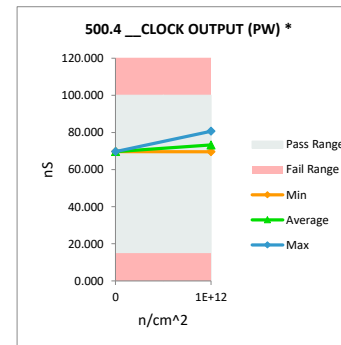


NDD Report UC1875-SP

500.4 _CLOCK OUTPUT (PW) *						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	100	100				
Min Limit	15	15				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	81.666	80.646	-1.020	-1.25%	1.20%
1E+12	513	71.422	69.589	-1.833	-2.57%	2.16%
1E+12	514	70.203	69.609	-0.594	-0.85%	0.70%
0	356	69.820	69.675	-0.145	-0.21%	0.17%
Max		81.666	80.646	-0.145	-0.21%	2.16%
Average		73.278	72.380	-0.898	-1.22%	1.06%
Min		69.820	69.589	-1.833	-2.57%	0.17%
Std Dev		5.634	5.511	0.718	1.00%	0.85%

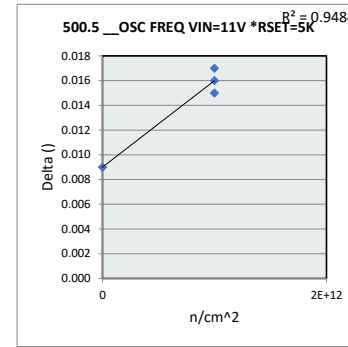


500.4 _CLOCK OUTPUT (PW) *		
Test Site		
Tester		
Test Number		
Max Limit	100	nS
Min Limit	15	nS
n/cm^2	0	1E+12
LL	15.000	15.000
Min	69.675	69.589
Average	69.675	73.281
Max	69.675	80.646
UL	100.000	100.000

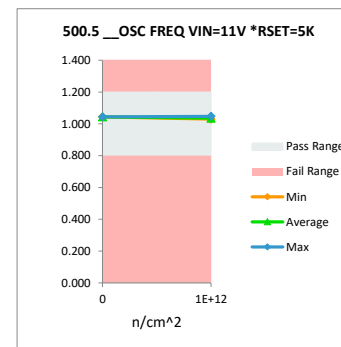


NDD Report UC1875-SP

500.5 __OSC FREQ VIN=11V *RS						
Test Site						
Tester						
Test Number						
Unit						
Max Limit		1.2	1.2			
Min Limit		0.8	0.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.013	1.030	0.017	1.68%	4.25%
1E+12	513	1.015	1.030	0.015	1.48%	3.75%
1E+12	514	1.031	1.047	0.016	1.55%	4.00%
0	356	1.035	1.044	0.009	0.87%	2.25%
Max		1.035	1.047	0.017	1.68%	4.25%
Average		1.023	1.038	0.014	1.39%	3.56%
Min		1.013	1.030	0.009	0.87%	2.25%
Std Dev		0.011	0.009	0.004	0.36%	0.90%

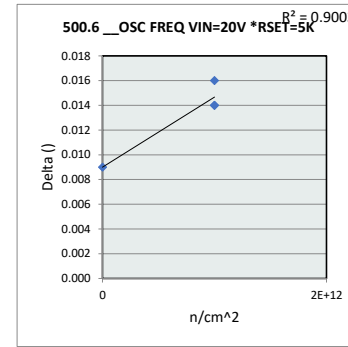


500.5 __OSC FREQ VIN=11V *RSET=5K		
Test Site		
Tester		
Test Number		
Max Limit	1.2	
Min Limit	0.8	
n/cm^2	0	1E+12
LL	0.800	0.800
Min	1.044	1.030
Average	1.044	1.036
Max	1.044	1.047
UL	1.200	1.200

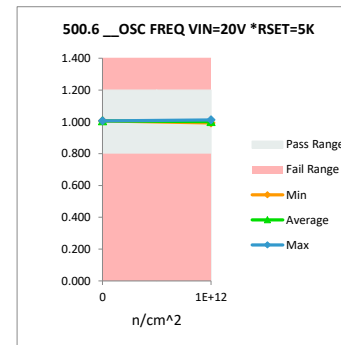


NDD Report
UC1875-SP

500.6 __OSC FREQ VIN=20V *RS						
Test Site						
Tester						
Test Number						
Unit						
Max Limit		1.2	1.2			
Min Limit		0.8	0.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.977	0.993	0.016	1.64%	4.00%
1E+12	513	0.985	0.999	0.014	1.42%	3.50%
1E+12	514	0.998	1.012	0.014	1.40%	3.50%
0	356	0.997	1.006	0.009	0.90%	2.25%
Max		0.998	1.012	0.016	1.64%	4.00%
Average		0.989	1.002	0.013	1.34%	3.31%
Min		0.977	0.993	0.009	0.90%	2.25%
Std Dev		0.010	0.008	0.003	0.31%	0.75%

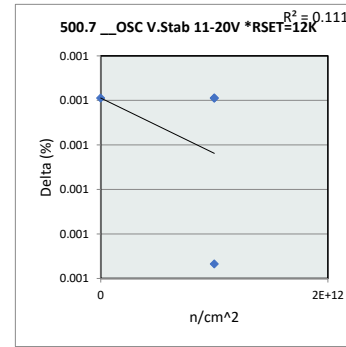


500.6 __OSC FREQ VIN=20V *RSET=5K		
Test Site		
Tester		
Test Number		
Max Limit	1.2	
Min Limit	0.8	
n/cm^2	0	1E+12
LL	0.800	0.800
Min	1.006	0.993
Average	1.006	1.001
Max	1.006	1.012
UL	1.200	1.200

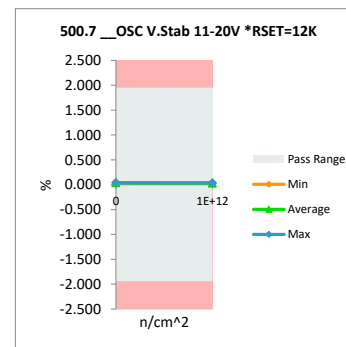


NDD Report UC1875-SP

500.7 __OSC V.Stab 11-20V *RSE						
Test Site						
Tester						
Test Number						
Unit		%	%			
Max Limit		1.94	1.94			
Min Limit		-1.94	-1.94			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.036	0.037	0.001	2.78%	0.03%
1E+12	513	0.030	0.031	0.001	3.33%	0.03%
1E+12	514	0.033	0.034	0.001	3.03%	0.03%
0	356	0.038	0.039	0.001	2.63%	0.03%
Max		0.038	0.039	0.001	3.33%	0.03%
Average		0.034	0.035	0.001	2.94%	0.03%
Min		0.030	0.031	0.001	2.63%	0.03%
Std Dev		0.003	0.004	0.000	0.31%	0.00%

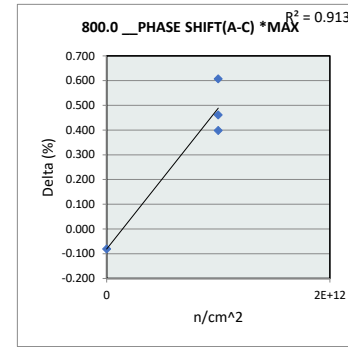


500.7 __OSC V.Stab 11-20V *R		
Test Site		
Tester		
Test Number		
Max Limit	1.94	%
Min Limit	-1.94	%
n/cm^2	0	1E+12
LL	-1.940	-1.940
Min	0.039	0.031
Average	0.039	0.034
Max	0.039	0.037
UL	1.940	1.940

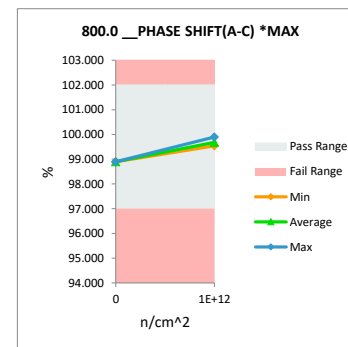


NDD Report UC1875-SP

800.0 _PHASE SHIFT(A-C) *MAX						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	102	102				
Min Limit	97	97				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	99.141	99.602	0.461	0.46%	9.22%
1E+12	513	99.499	99.897	0.398	0.40%	7.96%
1E+12	514	98.936	99.543	0.607	0.61%	12.14%
0	356	98.978	98.897	-0.081	-0.08%	1.62%
Max		99.499	99.897	0.607	0.61%	12.14%
Average		99.138	99.485	0.346	0.35%	7.73%
Min		98.936	98.897	-0.081	-0.08%	1.62%
Std Dev		0.256	0.421	0.298	0.30%	4.44%

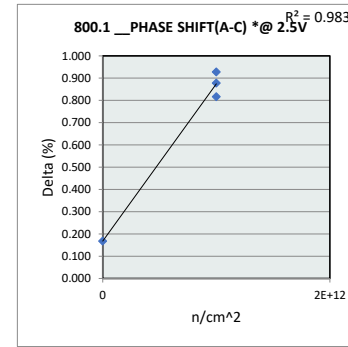


800.0 _PHASE SHIFT(A-C) *M		
Test Site		
Tester		
Test Number		
Max Limit	102	%
Min Limit	97	%
n/cm^2	0	1E+12
LL	97.000	97.000
Min	98.897	99.543
Average	98.897	99.681
Max	98.897	99.897
UL	102.000	102.000

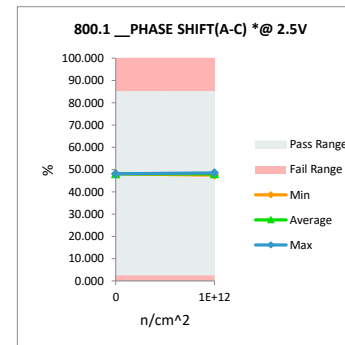


NDD Report UC1875-SP

800.1 __PHASE SHIFT(A-C) *@ 2						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	85	85				
Min Limit	2.5	2.5				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	47.587	48.515	0.928	1.95%	1.12%
1E+12	513	46.702	47.519	0.817	1.75%	0.99%
1E+12	514	47.284	48.162	0.878	1.86%	1.06%
0	356	47.947	48.115	0.168	0.35%	0.20%
Max		47.947	48.515	0.928	1.95%	1.12%
Average		47.380	48.078	0.698	1.48%	0.85%
Min		46.702	47.519	0.168	0.35%	0.20%
Std Dev		0.527	0.413	0.356	0.76%	0.43%

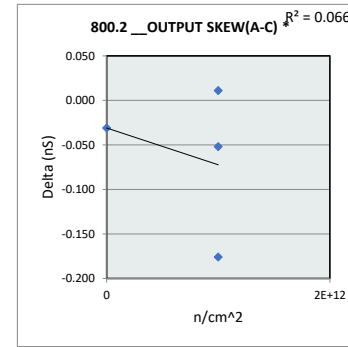


800.1 __PHASE SHIFT(A-C) *@		
Test Site		
Tester		
Test Number		
Max Limit	85	%
Min Limit	2.5	%
n/cm^2	0	1E+12
LL	2.500	2.500
Min	48.115	47.519
Average	48.115	48.065
Max	48.115	48.515
UL	85.000	85.000

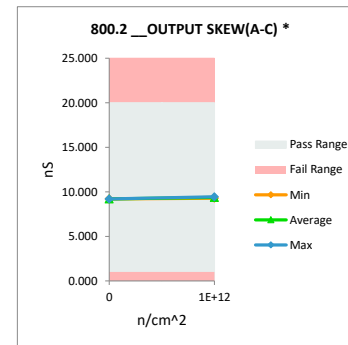


NDD Report UC1875-SP

800.2 __OUTPUT SKEW(A-C) *						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	20	20				
Min Limit	1	1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	9.621	9.445	-0.176	-1.83%	0.93%
1E+12	513	9.449	9.397	-0.052	-0.55%	0.27%
1E+12	514	9.273	9.284	0.011	0.12%	0.06%
0	356	9.235	9.204	-0.031	-0.34%	0.16%
Max		9.621	9.445	0.011	0.12%	0.93%
Average		9.395	9.333	-0.062	-0.65%	0.36%
Min		9.235	9.204	-0.176	-1.83%	0.06%
Std Dev		0.177	0.109	0.080	0.83%	0.39%

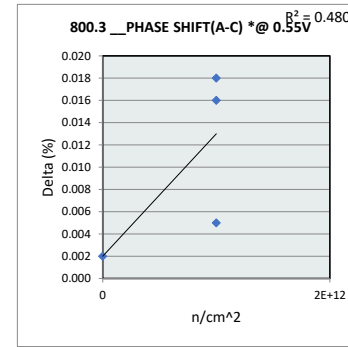


800.2 __OUTPUT SKEW(A-C) *		
Test Site		
Tester		
Test Number		
Max Limit	20	nS
Min Limit	1	nS
n/cm^2	0	1E+12
LL	1.000	1.000
Min	9.204	9.284
Average	9.204	9.375
Max	9.204	9.445
UL	20.000	20.000

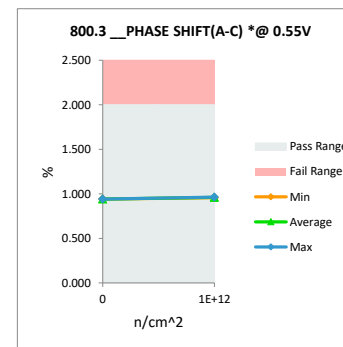


NDD Report UC1875-SP

800.3 _PHASE SHIFT(A-C) *@ 0						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	2	2				
Min Limit	0	0				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.958	0.963	0.005	0.52%	0.25%
1E+12	513	0.945	0.961	0.016	1.69%	0.80%
1E+12	514	0.939	0.957	0.018	1.92%	0.90%
0	356	0.939	0.941	0.002	0.21%	0.10%
Max		0.958	0.963	0.018	1.92%	0.90%
Average		0.945	0.956	0.010	1.09%	0.51%
Min		0.939	0.941	0.002	0.21%	0.10%
Std Dev		0.009	0.010	0.008	0.84%	0.40%

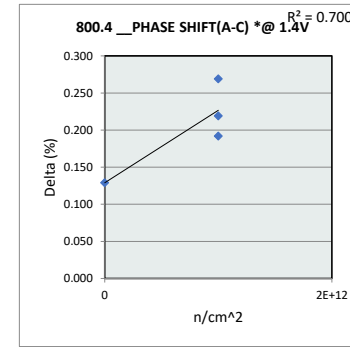


800.3 _PHASE SHIFT(A-C) *@		
Test Site		
Tester		
Test Number		
Max Limit	2	%
Min Limit	0	%
n/cm^2	0	1E+12
LL	0.000	0.000
Min	0.941	0.957
Average	0.941	0.960
Max	0.941	0.963
UL	2.000	2.000

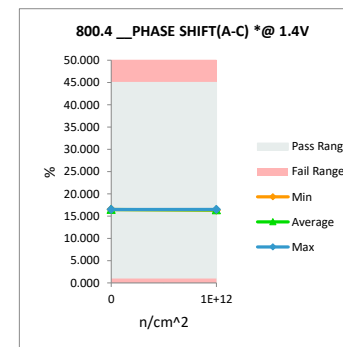


NDD Report UC1875-SP

800.4 __PHASE SHIFT(A-C) *@ 1						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	45	45				
Min Limit	1	1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	16.279	16.498	0.219	1.35%	0.50%
1E+12	513	16.077	16.346	0.269	1.67%	0.61%
1E+12	514	16.177	16.369	0.192	1.19%	0.44%
0	356	16.355	16.484	0.129	0.79%	0.29%
Max		16.355	16.498	0.269	1.67%	0.61%
Average		16.222	16.424	0.202	1.25%	0.46%
Min		16.077	16.346	0.129	0.79%	0.29%
Std Dev		0.121	0.078	0.058	0.37%	0.13%

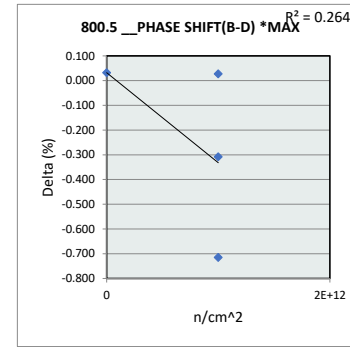


800.4 __PHASE SHIFT(A-C) *@		
Test Site		
Tester		
Test Number		
Max Limit	45	%
Min Limit	1	%
n/cm^2	0	1E+12
LL	1.000	1.000
Min	16.484	16.346
Average	16.484	16.404
Max	16.484	16.498
UL	45.000	45.000

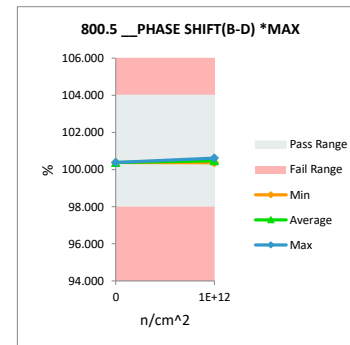


NDD Report UC1875-SP

800.5 __PHASE SHIFT(B-D) *MAX						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	104	104				
Min Limit	98	98				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	100.748	100.440	-0.308	-0.31%	5.13%
1E+12	513	100.342	100.369	0.027	0.03%	0.45%
1E+12	514	101.334	100.619	-0.715	-0.71%	11.92%
0	356	100.349	100.381	0.032	0.03%	0.53%
Max		101.334	100.619	0.032	0.03%	11.92%
Average		100.693	100.452	-0.241	-0.24%	4.51%
Min		100.342	100.369	-0.715	-0.71%	0.45%
Std Dev		0.467	0.115	0.354	0.35%	5.40%

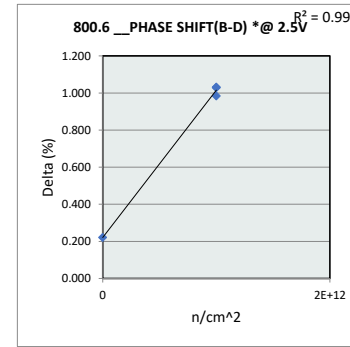


800.5 __PHASE SHIFT(B-D) *M		
Test Site		
Tester		
Test Number		
Max Limit	104	%
Min Limit	98	%
n/cm^2	0	1E+12
LL	98.000	98.000
Min	100.381	100.369
Average	100.381	100.476
Max	100.381	100.619
UL	104.000	104.000

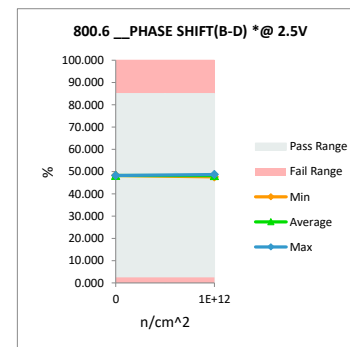


NDD Report UC1875-SP

800.6 __PHASE SHIFT(B-D) *@ 2						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	85	85				
Min Limit	2.5	2.5				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	47.645	48.674	1.029	2.16%	1.25%
1E+12	513	46.582	47.614	1.032	2.22%	1.25%
1E+12	514	47.303	48.287	0.984	2.08%	1.19%
0	356	48.017	48.238	0.221	0.46%	0.27%
Max		48.017	48.674	1.032	2.22%	1.25%
Average		47.387	48.203	0.816	1.73%	0.99%
Min		46.582	47.614	0.221	0.46%	0.27%
Std Dev		0.611	0.439	0.398	0.85%	0.48%

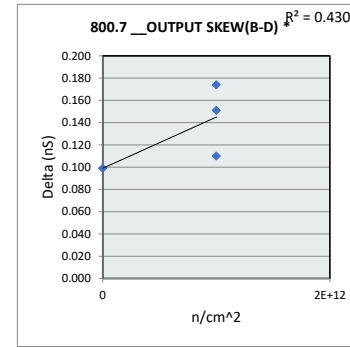


800.6 __PHASE SHIFT(B-D) *@		
Test Site		
Tester		
Test Number		
Max Limit	85	%
Min Limit	2.5	%
n/cm^2	0	1E+12
LL	2.500	2.500
Min	48.238	47.614
Average	48.238	48.192
Max	48.238	48.674
UL	85.000	85.000

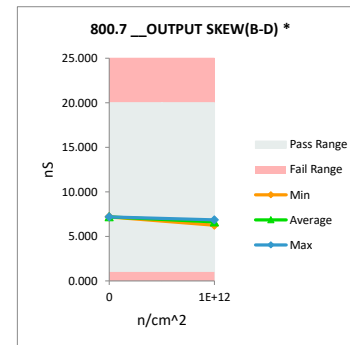


NDD Report UC1875-SP

800.7 __OUTPUT SKEW(B-D) *						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	20	20				
Min Limit	1	1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	6.681	6.855	0.174	2.60%	0.92%
1E+12	513	6.649	6.759	0.110	1.65%	0.58%
1E+12	514	6.103	6.254	0.151	2.47%	0.79%
0	356	7.086	7.185	0.099	1.40%	0.52%
Max		7.086	7.185	0.174	2.60%	0.92%
Average		6.630	6.763	0.133	2.03%	0.70%
Min		6.103	6.254	0.099	1.40%	0.52%
Std Dev		0.404	0.385	0.035	0.60%	0.18%

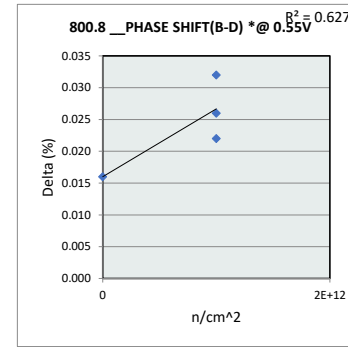


800.7 __OUTPUT SKEW(B-D) *		
Test Site		
Tester		
Test Number		
Max Limit	20	nS
Min Limit	1	nS
n/cm^2	0	1E+12
LL	1.000	1.000
Min	7.185	6.254
Average	7.185	6.623
Max	7.185	6.855
UL	20.000	20.000

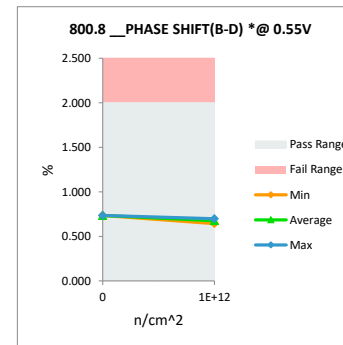


NDD Report UC1875-SP

800.8 _PHASE SHIFT(B-D) *@ 0						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	2	2				
Min Limit	0	0				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.666	0.698	0.032	4.80%	1.60%
1E+12	513	0.663	0.685	0.022	3.32%	1.10%
1E+12	514	0.617	0.643	0.026	4.21%	1.30%
0	356	0.719	0.735	0.016	2.23%	0.80%
Max		0.719	0.735	0.032	4.80%	1.60%
Average		0.666	0.690	0.024	3.64%	1.20%
Min		0.617	0.643	0.016	2.23%	0.80%
Std Dev		0.042	0.038	0.007	1.12%	0.34%

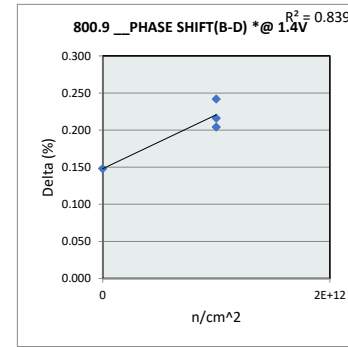


800.8 _PHASE SHIFT(B-D) *@		
Test Site		
Tester		
Test Number		
Max Limit	2	%
Min Limit	0	%
n/cm^2	0	1E+12
LL	0.000	0.000
Min	0.735	0.643
Average	0.735	0.675
Max	0.735	0.698
UL	2.000	2.000

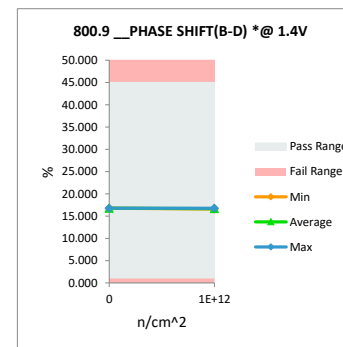


NDD Report UC1875-SP

800.9 __PHASE SHIFT(B-D) *@ 1						
Test Site						
Tester						
Test Number						
Unit	%	%				
Max Limit	45	45				
Min Limit	1	1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	16.549	16.765	0.216	1.31%	0.49%
1E+12	513	16.337	16.579	0.242	1.48%	0.55%
1E+12	514	16.462	16.666	0.204	1.24%	0.46%
0	356	16.633	16.781	0.148	0.89%	0.34%
Max		16.633	16.781	0.242	1.48%	0.55%
Average		16.495	16.698	0.203	1.23%	0.46%
Min		16.337	16.579	0.148	0.89%	0.34%
Std Dev		0.127	0.094	0.040	0.25%	0.09%

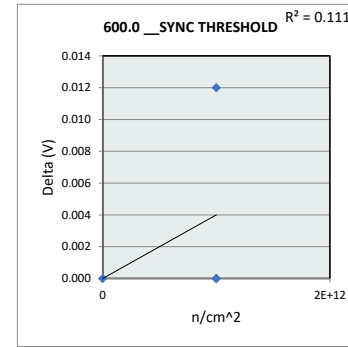


800.9 __PHASE SHIFT(B-D) *@		
Test Site		
Tester		
Test Number		
Max Limit	45	%
Min Limit	1	%
n/cm^2	0	1E+12
LL	1.000	1.000
Min	16.781	16.579
Average	16.781	16.670
Max	16.781	16.765
UL	45.000	45.000

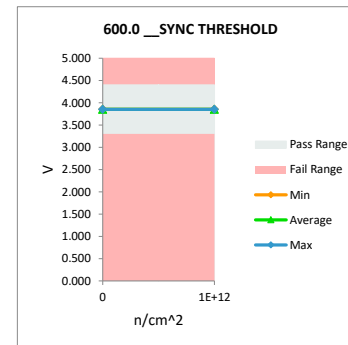


NDD Report UC1875-SP

600.0 _SYNC THRESHOLD						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	4.4	4.4				
Min Limit	3.3	3.3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	3.852	3.852	0.000	0.00%	0.00%
1E+12	513	3.852	3.852	0.000	0.00%	0.00%
1E+12	514	3.840	3.852	0.012	0.31%	1.09%
0	356	3.852	3.852	0.000	0.00%	0.00%
Max		3.852	3.852	0.012	0.31%	1.09%
Average		3.849	3.852	0.003	0.08%	0.27%
Min		3.840	3.852	0.000	0.00%	0.00%
Std Dev		0.006	0.000	0.006	0.16%	0.55%

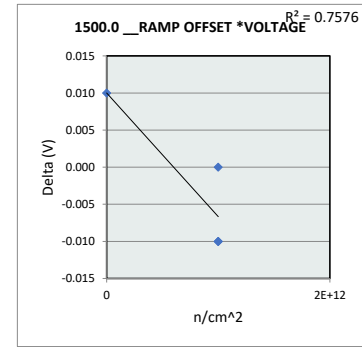


600.0 _SYNC THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	4.4	V
Min Limit	3.3	V
n/cm^2	0	1E+12
LL	3.300	3.300
Min	3.852	3.852
Average	3.852	3.852
Max	3.852	3.852
UL	4.400	4.400

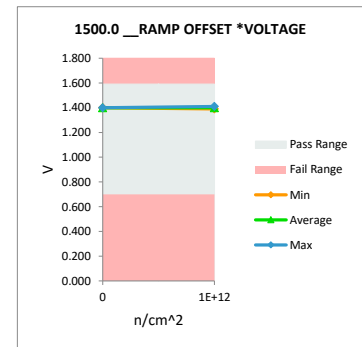


NDD Report
UC1875-SP

1500.0 _RAMP OFFSET *VOLTAGE						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	1.59	1.59				
Min Limit	0.7	0.7				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.390	1.390	0.000	0.00%	0.00%
1E+12	513	1.420	1.410	-0.010	-0.70%	1.12%
1E+12	514	1.410	1.400	-0.010	-0.71%	1.12%
0	356	1.390	1.400	0.010	0.72%	1.12%
Max		1.420	1.410	0.010	0.72%	1.12%
Average		1.402	1.400	-0.002	-0.17%	0.84%
Min		1.390	1.390	-0.010	-0.71%	0.00%
Std Dev		0.015	0.008	0.010	0.68%	0.56%

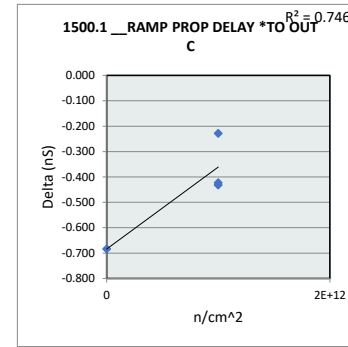


1500.0 _RAMP OFFSET *VOLTAGE		
Test Site		
Tester		
Test Number		
Max Limit	1.59	V
Min Limit	0.7	V
n/cm^2	0	1E+12
LL	0.700	0.700
Min	1.400	1.390
Average	1.400	1.400
Max	1.400	1.410
UL	1.590	1.590

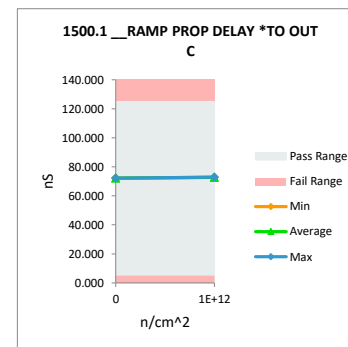


NDD Report UC1875-SP

1500.1 __ RAMP PROP DELAY *TO OUT						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	125	125				
Min Limit	5	5				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	73.118	72.695	-0.423	-0.58%	0.35%
1E+12	513	73.313	72.881	-0.432	-0.59%	0.36%
1E+12	514	73.016	72.788	-0.228	-0.31%	0.19%
0	356	72.879	72.195	-0.684	-0.94%	0.57%
Max		73.313	72.881	-0.228	-0.31%	0.57%
Average		73.081	72.640	-0.442	-0.60%	0.37%
Min		72.879	72.195	-0.684	-0.94%	0.19%
Std Dev		0.183	0.306	0.187	0.26%	0.16%

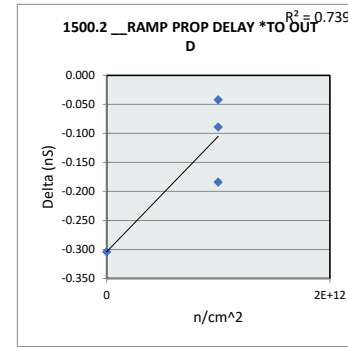


1500.1 __ RAMP PROP DELAY *		
Test Site		
Tester		
Test Number		
Max Limit	125	nS
Min Limit	5	nS
n/cm^2	0	1E+12
LL	5.000	5.000
Min	72.195	72.695
Average	72.195	72.788
Max	72.195	72.881
UL	125.000	125.000

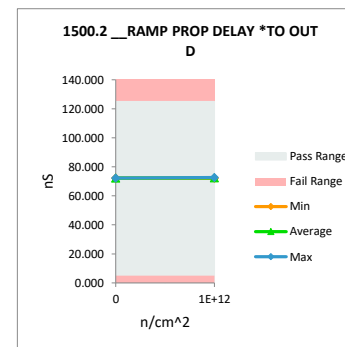


NDD Report UC1875-SP

1500.2 __RAMP PROP DELAY *TO						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	125	125				
Min Limit	5	5				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	72.129	72.087	-0.042	-0.06%	0.03%
1E+12	513	72.820	72.636	-0.184	-0.25%	0.15%
1E+12	514	72.427	72.338	-0.089	-0.12%	0.07%
0	356	72.548	72.244	-0.304	-0.42%	0.25%
Max		72.820	72.636	-0.042	-0.06%	0.25%
Average		72.481	72.326	-0.155	-0.21%	0.13%
Min		72.129	72.087	-0.304	-0.42%	0.03%
Std Dev		0.286	0.231	0.116	0.16%	0.10%

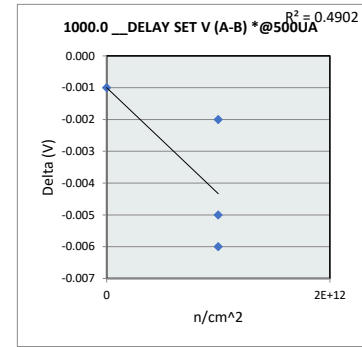


1500.2 __RAMP PROP DELAY *		
Test Site		
Tester		
Test Number		
Max Limit	125	nS
Min Limit	5	nS
n/cm^2	0	1E+12
LL	5.000	5.000
Min	72.244	72.087
Average	72.244	72.354
Max	72.244	72.636
UL	125.000	125.000

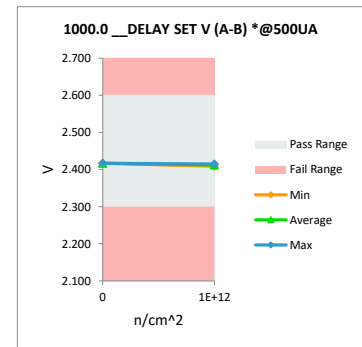


NDD Report UC1875-SP

1000.0 __ DELAY SET V (A-B) *@500UA						
Test Site						
Tester						
Test Number						
Unit		V	V			
Max Limit		2.6	2.6			
Min Limit		2.3	2.3			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.414	2.409	-0.005	-0.21%	1.67%
1E+12	513	2.421	2.415	-0.006	-0.25%	2.00%
1E+12	514	2.415	2.413	-0.002	-0.08%	0.67%
0	356	2.418	2.417	-0.001	-0.04%	0.33%
Max		2.421	2.417	-0.001	-0.04%	2.00%
Average		2.417	2.414	-0.003	-0.14%	1.17%
Min		2.414	2.409	-0.006	-0.25%	0.33%
Std Dev		0.003	0.003	0.002	0.10%	0.79%

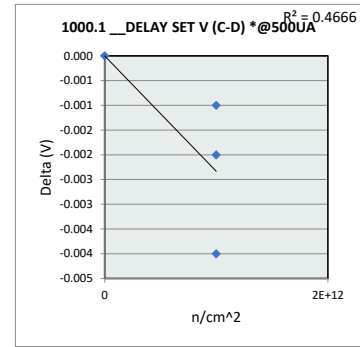


1000.0 __ DELAY SET V (A-B) *		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.3	V
n/cm^2	0	1E+12
LL	2.300	2.300
Min	2.417	2.409
Average	2.417	2.412
Max	2.417	2.415
UL	2.600	2.600

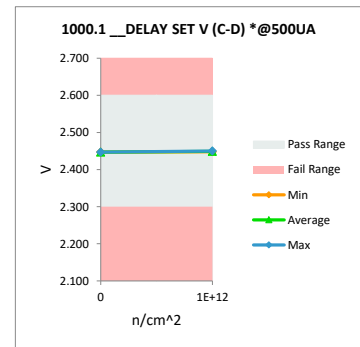


NDD Report UC1875-SP

1000.1 __ DELAY SET V (C-D) *@500UA						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.6	2.6				
Min Limit	2.3	2.3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.450	2.448	-0.002	-0.08%	0.67%
1E+12	513	2.453	2.449	-0.004	-0.16%	1.33%
1E+12	514	2.451	2.450	-0.001	-0.04%	0.33%
0	356	2.447	2.447	0.000	0.00%	0.00%
Max		2.453	2.450	0.000	0.00%	1.33%
Average		2.450	2.448	-0.002	-0.07%	0.58%
Min		2.447	2.447	-0.004	-0.16%	0.00%
Std Dev		0.003	0.001	0.002	0.07%	0.57%

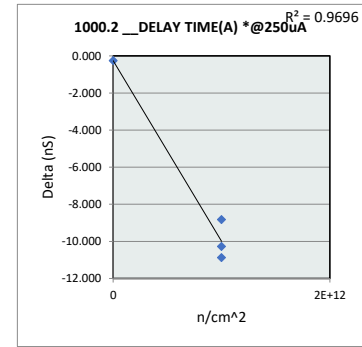


1000.1 __ DELAY SET V (C-D) *		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.3	V
n/cm^2	0	1E+12
LL	2.300	2.300
Min	2.447	2.448
Average	2.447	2.449
Max	2.447	2.450
UL	2.600	2.600

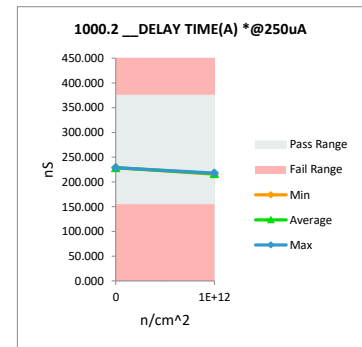


NDD Report UC1875-SP

1000.2 __DELAY TIME(A) *@250						
Test Site						
Tester						
Test Number						
Unit	nS		nS			
Max Limit		375		375		
Min Limit		155		155		
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	228.751	217.875	-10.876	-4.75%	4.94%
1E+12	513	225.943	215.669	-10.274	-4.55%	4.67%
1E+12	514	225.327	216.504	-8.823	-3.92%	4.01%
0	356	229.058	228.800	-0.258	-0.11%	0.12%
Max		229.058	228.800	-0.258	-0.11%	4.94%
Average		227.270	219.712	-7.558	-3.33%	3.44%
Min		225.327	215.669	-10.876	-4.75%	0.12%
Std Dev		1.908	6.127	4.942	2.18%	2.25%

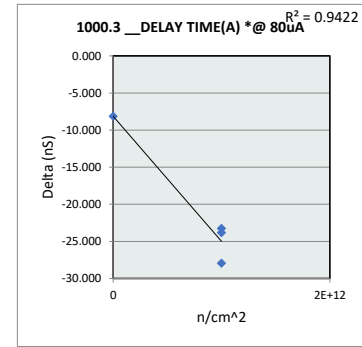


1000.2 __DELAY TIME(A) *@250		
Test Site		
Tester		
Test Number		
Max Limit	375	nS
Min Limit	155	nS
n/cm^2	0	1E+12
LL	155.000	155.000
Min	228.800	215.669
Average	228.800	216.683
Max	228.800	217.875
UL	375.000	375.000

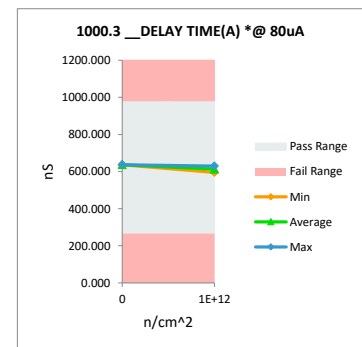


NDD Report UC1875-SP

1000.3 _DELAY TIME(A) *@ 80uA						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	975	975				
Min Limit	266	266				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	653.385	629.567	-23.818	-3.65%	3.36%
1E+12	513	642.150	614.217	-27.933	-4.35%	3.94%
1E+12	514	618.740	595.498	-23.242	-3.76%	3.28%
0	356	644.810	636.674	-8.136	-1.26%	1.15%
Max		653.385	636.674	-8.136	-1.26%	3.94%
Average		639.771	618.989	-20.782	-3.25%	2.93%
Min		618.740	595.498	-27.933	-4.35%	1.15%
Std Dev		14.818	18.251	8.686	1.36%	1.23%

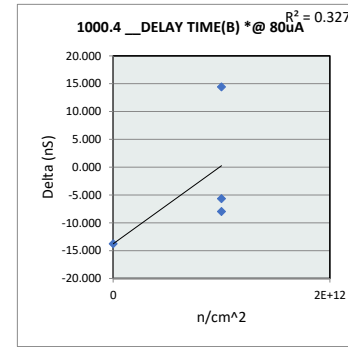


1000.3 _DELAY TIME(A) *@ 80uA		
Test Site		
Tester		
Test Number		
Max Limit	975	nS
Min Limit	266	nS
n/cm^2	0	1E+12
LL	266.000	266.000
Min	636.674	595.498
Average	636.674	613.094
Max	636.674	629.567
UL	975.000	975.000

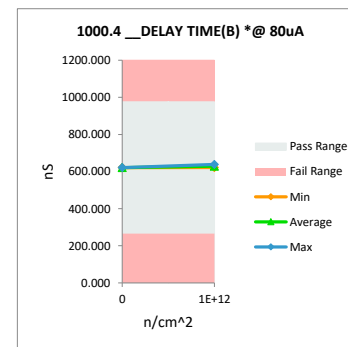


NDD Report UC1875-SP

1000.4 _DELAY TIME(B) *@ 80uA						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	975	975				
Min Limit	266	266				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	646.500	638.530	-7.970	-1.23%	1.12%
1E+12	513	632.165	626.508	-5.657	-0.89%	0.80%
1E+12	514	607.444	621.855	14.411	2.37%	2.03%
0	356	634.923	621.151	-13.772	-2.17%	1.94%
Max		646.500	638.530	14.411	2.37%	2.03%
Average		630.258	627.011	-3.247	-0.48%	1.47%
Min		607.444	621.151	-13.772	-2.17%	0.80%
Std Dev		16.428	8.039	12.257	1.98%	0.61%

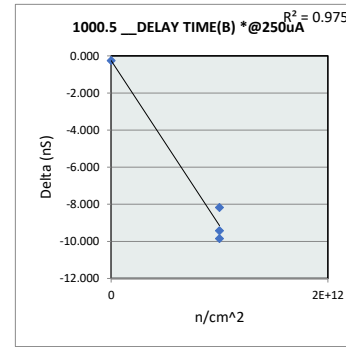


1000.4 _DELAY TIME(B) *@ 8		
Test Site		
Tester		
Test Number		
Max Limit	975	nS
Min Limit	266	nS
n/cm^2	0	1E+12
LL	266.000	266.000
Min	621.151	621.855
Average	621.151	628.964
Max	621.151	638.530
UL	975.000	975.000

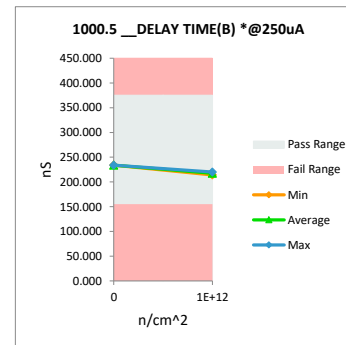


NDD Report UC1875-SP

1000.5 _DELAY TIME(B) *@250						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	375	375				
Min Limit	155	155				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	229.895	220.046	-9.849	-4.28%	4.48%
1E+12	513	223.525	214.098	-9.427	-4.22%	4.28%
1E+12	514	226.493	218.319	-8.174	-3.61%	3.72%
0	356	234.162	233.909	-0.253	-0.11%	0.12%
Max		234.162	233.909	-0.253	-0.11%	4.48%
Average		228.519	221.593	-6.926	-3.05%	3.15%
Min		223.525	214.098	-9.849	-4.28%	0.12%
Std Dev		4.575	8.582	4.505	1.99%	2.05%

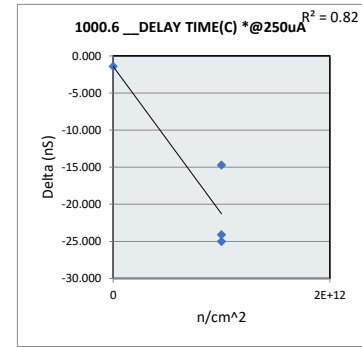


1000.5 _DELAY TIME(B) *@250		
Test Site		
Tester		
Test Number		
Max Limit	375	nS
Min Limit	155	nS
n/cm^2	0	1E+12
LL	155.000	155.000
Min	233.909	214.098
Average	233.909	217.488
Max	233.909	220.046
UL	375.000	375.000

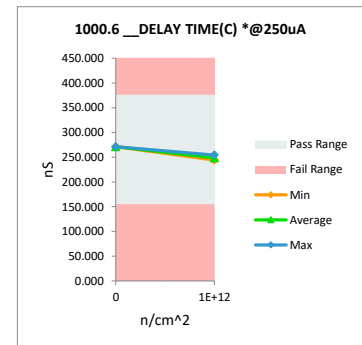


NDD Report UC1875-SP

1000.6 _DELAY TIME(C) *@250						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	375	375				
Min Limit	155	155				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	278.369	254.267	-24.102	-8.66%	10.96%
1E+12	513	269.267	244.243	-25.024	-9.29%	11.37%
1E+12	514	262.102	247.379	-14.723	-5.62%	6.69%
0	356	272.651	271.234	-1.417	-0.52%	0.64%
Max		278.369	271.234	-1.417	-0.52%	11.37%
Average		270.597	254.281	-16.316	-6.02%	7.42%
Min		262.102	244.243	-25.024	-9.29%	0.64%
Std Dev		6.796	12.053	10.969	4.00%	4.99%

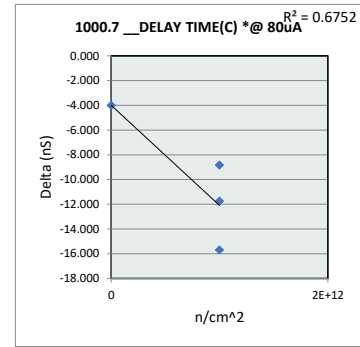


1000.6 _DELAY TIME(C) *@250		
Test Site		
Tester		
Test Number		
Max Limit	375	nS
Min Limit	155	nS
n/cm^2	0	1E+12
LL	155.000	155.000
Min	271.234	244.243
Average	271.234	248.630
Max	271.234	254.267
UL	375.000	375.000

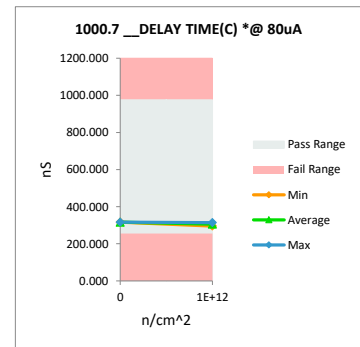


NDD Report UC1875-SP

1000.7 __DELAY TIME(C) *@ 80u						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	975	975				
Min Limit	255	255				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	325.623	313.872	-11.751	-3.61%	1.63%
1E+12	513	323.678	307.987	-15.691	-4.85%	2.18%
1E+12	514	304.146	295.311	-8.835	-2.90%	1.23%
0	356	320.695	316.703	-3.992	-1.24%	0.55%
Max		325.623	316.703	-3.992	-1.24%	2.18%
Average		318.535	308.468	-10.067	-3.15%	1.40%
Min		304.146	295.311	-15.691	-4.85%	0.55%
Std Dev		9.805	9.493	4.929	1.50%	0.68%

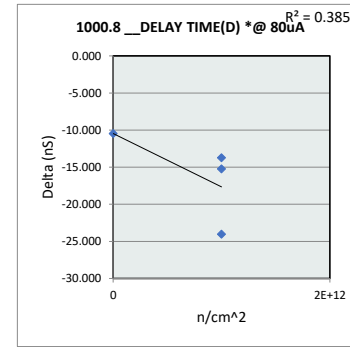


1000.7 __DELAY TIME(C) *@ 8		
Test Site		
Tester		
Test Number		
Max Limit	975	nS
Min Limit	255	nS
n/cm^2	0	1E+12
LL	255.000	255.000
Min	316.703	295.311
Average	316.703	305.723
Max	316.703	313.872
UL	975.000	975.000

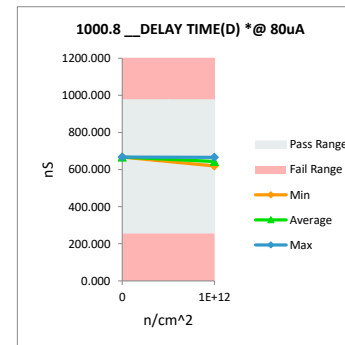


NDD Report UC1875-SP

1000.8 __DELAY TIME(D) *@ 80uA						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	975	975				
Min Limit	255	255				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	679.638	665.914	-13.724	-2.02%	1.91%
1E+12	513	669.195	645.175	-24.020	-3.59%	3.34%
1E+12	514	634.736	619.514	-15.222	-2.40%	2.11%
0	356	677.929	667.466	-10.463	-1.54%	1.45%
Max		679.638	667.466	-10.463	-1.54%	3.34%
Average		665.375	649.517	-15.857	-2.39%	2.20%
Min		634.736	619.514	-24.020	-3.59%	1.45%
Std Dev		20.931	22.436	5.793	0.87%	0.80%

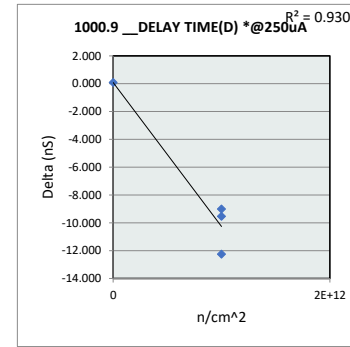


1000.8 __DELAY TIME(D) *@ 80uA		
Test Site		
Tester		
Test Number		
Max Limit	975	nS
Min Limit	255	nS
n/cm^2	0	1E+12
LL	255.000	255.000
Min	667.466	619.514
Average	667.466	643.534
Max	667.466	665.914
UL	975.000	975.000

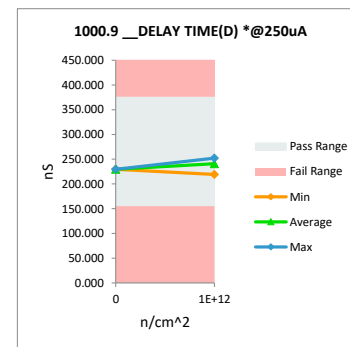


NDD Report UC1875-SP

1000.9 _DELAY TIME(D) *@250						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	375	375				
Min Limit	155	155				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	228.717	219.186	-9.531	-4.17%	4.33%
1E+12	513	260.338	251.330	-9.008	-3.46%	4.09%
1E+12	514	264.424	252.179	-12.245	-4.63%	5.57%
0	356	229.495	229.581	0.086	0.04%	0.04%
Max		264.424	252.179	0.086	0.04%	5.57%
Average		245.744	238.069	-7.675	-3.06%	3.51%
Min		228.717	219.186	-12.245	-4.63%	0.04%
Std Dev		19.286	16.366	5.365	2.12%	2.40%

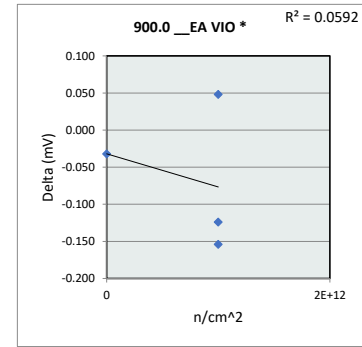


1000.9 _DELAY TIME(D) *@250		
Test Site		
Tester		
Test Number		
Max Limit	375	nS
Min Limit	155	nS
n/cm^2	0	1E+12
LL	155.000	155.000
Min	229.581	219.186
Average	229.581	240.898
Max	229.581	252.179
UL	375.000	375.000

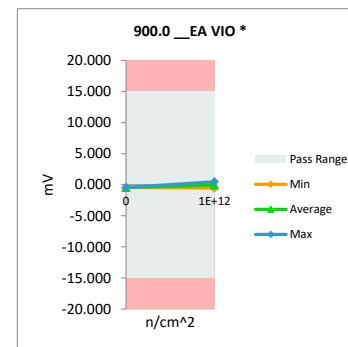


NDD Report UC1875-SP

900.0 _EA VIO *						
Test Site						
Tester						
Test Number						
Unit		mV	mV			
Max Limit		15	15			
Min Limit		-15	-15			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.412	-0.536	-0.124	30.10%	0.41%
1E+12	513	0.425	0.473	0.048	11.29%	0.16%
1E+12	514	0.075	-0.079	-0.154	-205.33%	0.51%
0	356	-0.408	-0.440	-0.032	7.84%	0.11%
Max		0.425	0.473	0.048	30.10%	0.51%
Average		-0.080	-0.146	-0.066	-39.02%	0.30%
Min		-0.412	-0.536	-0.154	-205.33%	0.11%
Std Dev		0.407	0.457	0.092	111.30%	0.20%

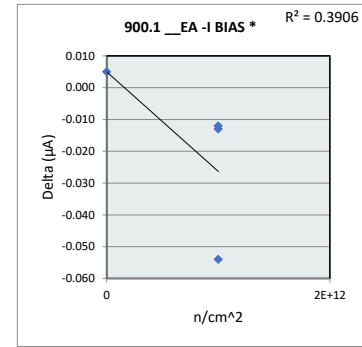


900.0 _EA VIO *		
Test Site		
Tester		
Test Number		
Max Limit	15	mV
Min Limit	-15	mV
n/cm^2	0	1E+12
LL	-15.000	-15.000
Min	-0.440	-0.536
Average	-0.440	-0.047
Max	-0.440	0.473
UL	15.000	15.000

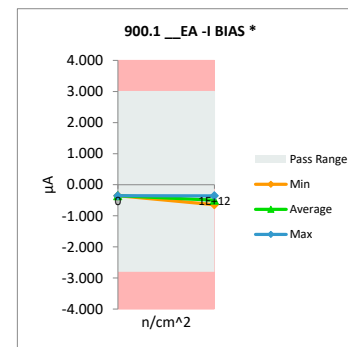


NDD Report UC1875-SP

900.1 __EA -I BIAS *						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		3	3			
Min Limit		-2.8	-2.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.346	-0.358	-0.012	3.47%	0.21%
1E+12	513	-0.589	-0.643	-0.054	9.17%	0.93%
1E+12	514	-0.478	-0.491	-0.013	2.72%	0.22%
0	356	-0.358	-0.353	0.005	-1.40%	0.09%
Max		-0.346	-0.353	0.005	9.17%	0.93%
Average		-0.443	-0.461	-0.019	3.49%	0.36%
Min		-0.589	-0.643	-0.054	-1.40%	0.09%
Std Dev		0.114	0.137	0.025	4.35%	0.38%

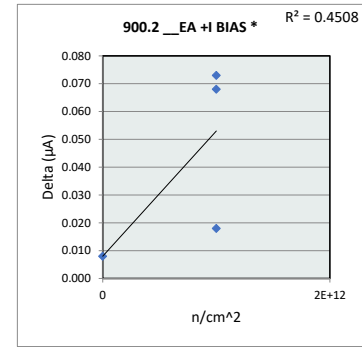


900.1 __EA -I BIAS *		
Test Site		
Tester		
Test Number		
Max Limit	3	μA
Min Limit	-2.8	μA
n/cm^2	0	1E+12
LL	-2.800	-2.800
Min	-0.353	-0.643
Average	-0.353	-0.497
Max	-0.353	-0.358
UL	3.000	3.000

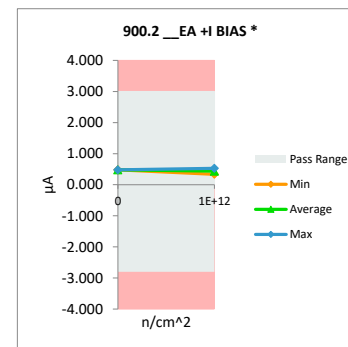


NDD Report UC1875-SP

900.2 __EA +I BIAS *						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		3	3			
Min Limit		-2.8	-2.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.459	0.527	0.068	14.81%	1.17%
1E+12	513	0.317	0.335	0.018	5.68%	0.31%
1E+12	514	0.379	0.452	0.073	19.26%	1.26%
0	356	0.471	0.479	0.008	1.70%	0.14%
Max		0.471	0.527	0.073	19.26%	1.26%
Average		0.406	0.448	0.042	10.36%	0.72%
Min		0.317	0.335	0.008	1.70%	0.14%
Std Dev		0.072	0.082	0.034	8.08%	0.58%

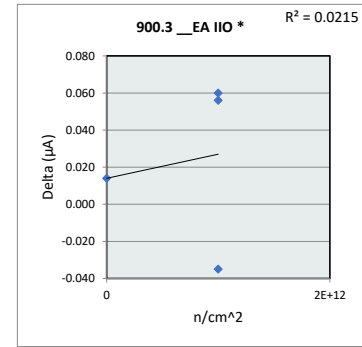


900.2 __EA +I BIAS *		
Test Site		
Tester		
Test Number		
Max Limit	3	μA
Min Limit	-2.8	μA
n/cm^2	0	1E+12
LL	-2.800	-2.800
Min	0.479	0.335
Average	0.479	0.438
Max	0.479	0.527
UL	3.000	3.000

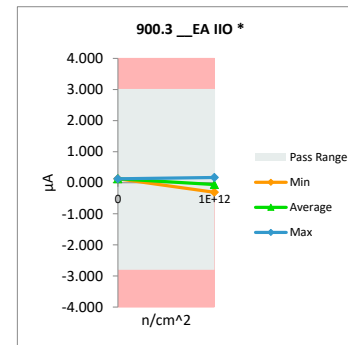


NDD Report UC1875-SP

900.3 _EA IIO *						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		3	3			
Min Limit		-2.8	-2.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.113	0.169	0.056	49.56%	0.97%
1E+12	513	-0.272	-0.307	-0.035	12.87%	0.60%
1E+12	514	-0.099	-0.039	0.060	-60.61%	1.03%
0	356	0.113	0.127	0.014	12.39%	0.24%
Max		0.113	0.169	0.060	49.56%	1.03%
Average		-0.036	-0.013	0.024	3.55%	0.71%
Min		-0.272	-0.307	-0.035	-60.61%	0.24%
Std Dev		0.186	0.216	0.044	46.18%	0.37%

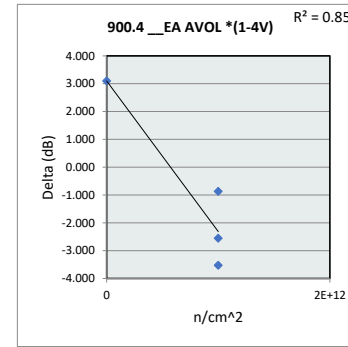


900.3 _EA IIO *		
Test Site		
Tester		
Test Number		
Max Limit	3	µA
Min Limit	-2.8	µA
n/cm^2	0	1E+12
LL	-2.800	-2.800
Min	0.127	-0.307
Average	0.127	-0.059
Max	0.127	0.169
UL	3.000	3.000

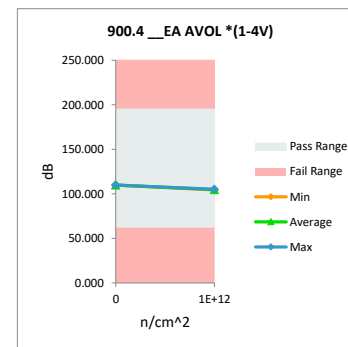


NDD Report UC1875-SP

900.4 __EA AVOL *(1-4V)						
Test Site						
Tester						
Test Number						
Unit		dB		dB		
Max Limit		195		195		
Min Limit		62		62		
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	106.008	105.140	-0.868	-0.82%	0.65%
1E+12	513	108.269	104.747	-3.522	-3.25%	2.65%
1E+12	514	106.921	104.370	-2.551	-2.39%	1.92%
0	356	106.766	109.864	3.098	2.90%	2.33%
Max		108.269	109.864	3.098	2.90%	2.65%
Average		106.991	106.030	-0.961	-0.89%	1.89%
Min		106.008	104.370	-3.522	-3.25%	0.65%
Std Dev		0.941	2.575	2.920	2.72%	0.88%

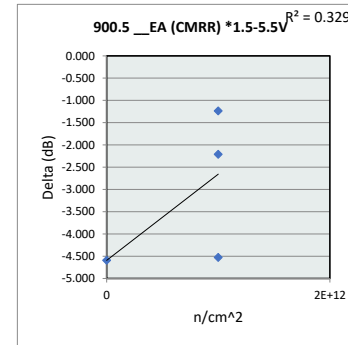


900.4 __EA AVOL *(1-4V)		
Test Site		
Tester		
Test Number		
Max Limit	195	dB
Min Limit	62	dB
n/cm^2	0	1E+12
LL	62.000	62.000
Min	109.864	104.370
Average	109.864	104.752
Max	109.864	105.140
UL	195.000	195.000

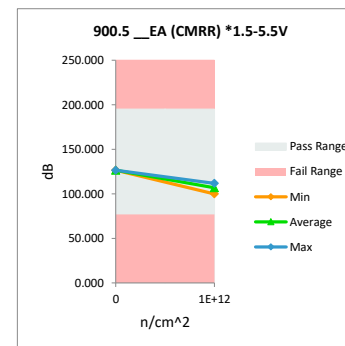


NDD Report UC1875-SP

900.5 __EA (CMRR) *1.5-5.5V						
Test Site						
Tester						
Test Number						
Unit		dB	dB			
Max Limit		195	195			
Min Limit		77	77			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	101.129	99.895	-1.234	-1.22%	1.05%
1E+12	513	113.314	108.789	-4.525	-3.99%	3.83%
1E+12	514	113.947	111.736	-2.211	-1.94%	1.87%
0	356	131.108	126.515	-4.593	-3.50%	3.89%
Max		131.108	126.515	-1.234	-1.22%	3.89%
Average		114.875	111.734	-3.141	-2.66%	2.66%
Min		101.129	99.895	-4.593	-3.99%	1.05%
Std Dev		12.326	11.065	1.686	1.30%	1.43%

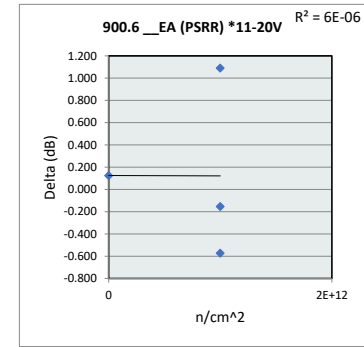


900.5 __EA (CMRR) *1.5-5.5V		
Test Site		
Tester		
Test Number		
Max Limit	195	dB
Min Limit	77	dB
n/cm^2	0	1E+12
LL	77.000	77.000
Min	126.515	99.895
Average	126.515	106.807
Max	126.515	111.736
UL	195.000	195.000

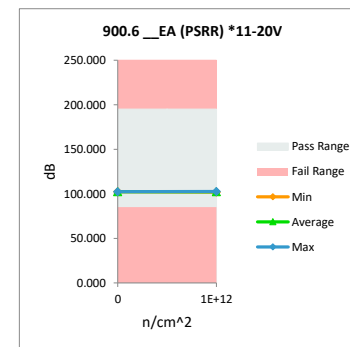


NDD Report UC1875-SP

900.6_EA (PSRR) *11-20V						
Test Site						
Tester						
Test Number						
Unit		dB	dB			
Max Limit		195	195			
Min Limit		85	85			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	102.461	102.307	-0.154	-0.15%	0.14%
1E+12	513	102.569	101.997	-0.572	-0.56%	0.52%
1E+12	514	101.557	102.648	1.091	1.07%	0.99%
0	356	102.298	102.423	0.125	0.12%	0.11%
Max		102.569	102.648	1.091	1.07%	0.99%
Average		102.221	102.344	0.123	0.12%	0.44%
Min		101.557	101.997	-0.572	-0.56%	0.11%
Std Dev		0.457	0.271	0.706	0.69%	0.41%

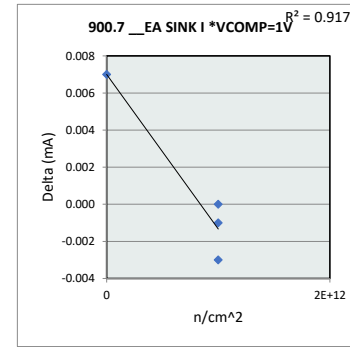


900.6_EA (PSRR) *11-20V		
Test Site		
Tester		
Test Number		
Max Limit	195	dB
Min Limit	85	dB
n/cm^2	0	1E+12
LL	85.000	85.000
Min	102.423	101.997
Average	102.423	102.317
Max	102.423	102.648
UL	195.000	195.000

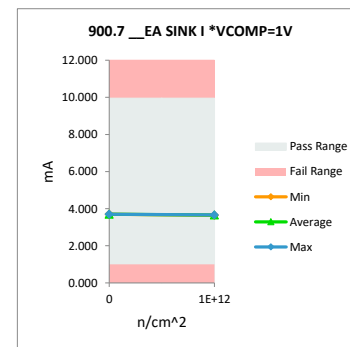


NDD Report UC1875-SP

900.7 __EA SINK I *VCOMP=1V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		9.95	9.95			
Min Limit		1	1			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	3.665	3.664	-0.001	-0.03%	0.01%
1E+12	513	3.665	3.665	0.000	0.00%	0.00%
1E+12	514	3.647	3.644	-0.003	-0.08%	0.03%
0	356	3.694	3.701	0.007	0.19%	0.08%
Max		3.694	3.701	0.007	0.19%	0.08%
Average		3.668	3.669	0.001	0.02%	0.03%
Min		3.647	3.644	-0.003	-0.08%	0.00%
Std Dev		0.019	0.024	0.004	0.12%	0.03%

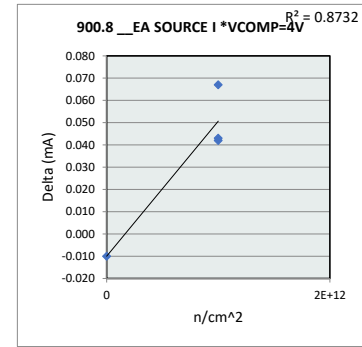


900.7 __EA SINK I *VCOMP=1V		
Test Site		
Tester		
Test Number		
Max Limit	9.95	mA
Min Limit	1	mA
n/cm^2	0	1E+12
LL	1.000	1.000
Min	3.701	3.644
Average	3.701	3.658
Max	3.701	3.665
UL	9.950	9.950

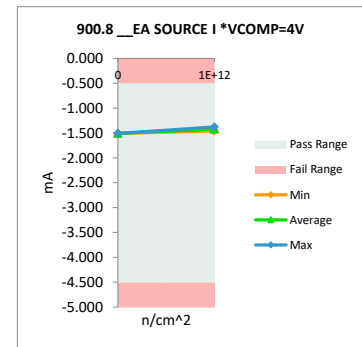


NDD Report UC1875-SP

900.8 __EA SOURCE I *VCOMP=4V						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		-0.5	-0.5			
Min Limit		-4.5	-4.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-1.420	-1.378	0.042	-2.96%	1.05%
1E+12	513	-1.526	-1.459	0.067	-4.39%	1.68%
1E+12	514	-1.473	-1.430	0.043	-2.92%	1.08%
0	356	-1.498	-1.508	-0.010	0.67%	0.25%
Max		-1.420	-1.378	0.067	0.67%	1.68%
Average		-1.479	-1.444	0.036	-2.40%	1.01%
Min		-1.526	-1.508	-0.010	-4.39%	0.25%
Std Dev		0.045	0.054	0.032	2.16%	0.58%

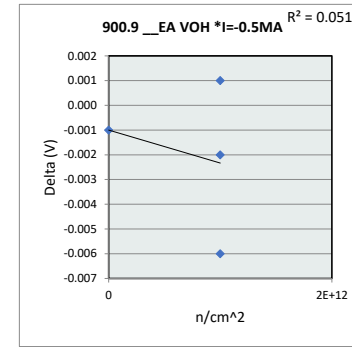


900.8 __EA SOURCE I *VCOMP=4V		
Test Site		
Tester		
Test Number		
Max Limit	-0.5	mA
Min Limit	-4.5	mA
n/cm^2	0	1E+12
LL	-4.500	-4.500
Min	-1.508	-1.459
Average	-1.508	-1.422
Max	-1.508	-1.378
UL	-0.500	-0.500

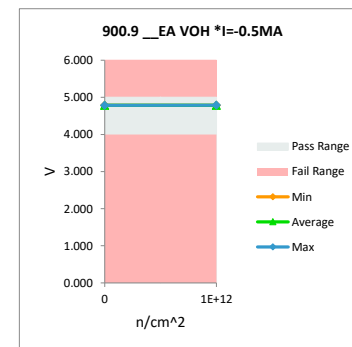


NDD Report UC1875-SP

900.9 __EA VOH *I=-0.5MA						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5	5				
Min Limit	4	4				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	4.787	4.785	-0.002	-0.04%	0.20%
1E+12	513	4.794	4.788	-0.006	-0.13%	0.60%
1E+12	514	4.784	4.785	0.001	0.02%	0.10%
0	356	4.787	4.786	-0.001	-0.02%	0.10%
Max		4.794	4.788	0.001	0.02%	0.60%
Average		4.788	4.786	-0.002	-0.04%	0.25%
Min		4.784	4.785	-0.006	-0.13%	0.10%
Std Dev		0.004	0.001	0.003	0.06%	0.24%

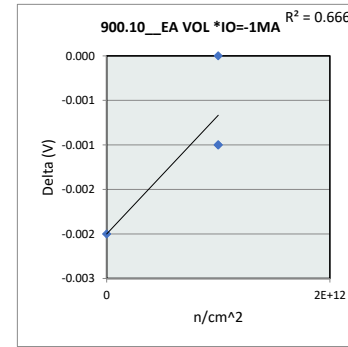


900.9 __EA VOH *I=-0.5MA		
Test Site		
Tester		
Test Number		
Max Limit	5	V
Min Limit	4	V
n/cm^2	0	1E+12
LL	4.000	4.000
Min	4.786	4.785
Average	4.786	4.786
Max	4.786	4.788
UL	5.000	5.000

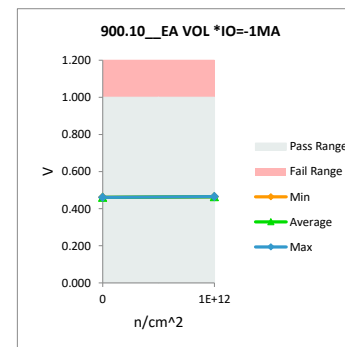


NDD Report UC1875-SP

900.10_EA VOL *IO=-1MA						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	1	1				
Min Limit	0	0				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.465	0.464	-0.001	-0.22%	0.10%
1E+12	513	0.465	0.464	-0.001	-0.22%	0.10%
1E+12	514	0.465	0.465	0.000	0.00%	0.00%
0	356	0.463	0.461	-0.002	-0.43%	0.20%
Max		0.465	0.465	0.000	0.00%	0.20%
Average		0.465	0.463	-0.001	-0.22%	0.10%
Min		0.463	0.461	-0.002	-0.43%	0.00%
Std Dev		0.001	0.002	0.001	0.18%	0.08%

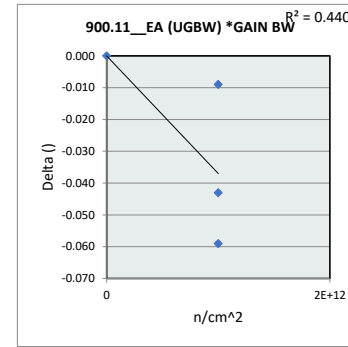


900.10_EA VOL *IO=-1MA		
Test Site		
Tester		
Test Number		
Max Limit	1	V
Min Limit	0	V
n/cm^2	0	1E+12
LL	0.000	0.000
Min	0.461	0.464
Average	0.461	0.464
Max	0.461	0.465
UL	1.000	1.000

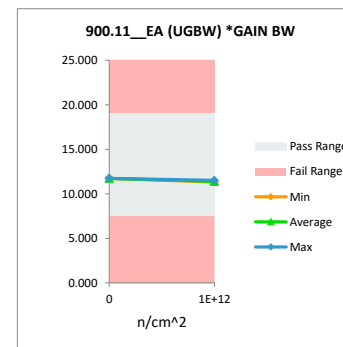


NDD Report UC1875-SP

900.11_EA (UGBW) *GAIN BW						
Test Site						
Tester						
Test Number						
Unit						
Max Limit		19	19			
Min Limit		7.5	7.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	11.393	11.334	-0.059	-0.52%	0.51%
1E+12	513	11.522	11.513	-0.009	-0.08%	0.08%
1E+12	514	11.378	11.335	-0.043	-0.38%	0.37%
0	356	11.735	11.735	0.000	0.00%	0.00%
Max		11.735	11.735	0.000	0.00%	0.51%
Average		11.507	11.479	-0.028	-0.24%	0.24%
Min		11.378	11.334	-0.059	-0.52%	0.00%
Std Dev		0.165	0.190	0.028	0.24%	0.24%

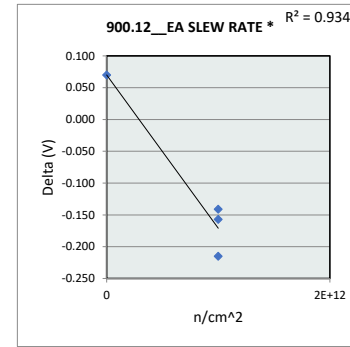


900.11_EA (UGBW) *GAIN BW		
Test Site		
Tester		
Test Number		
Max Limit	19	
Min Limit	7.5	
n/cm^2	0	1E+12
LL	7.500	7.500
Min	11.735	11.334
Average	11.735	11.394
Max	11.735	11.513
UL	19.000	19.000

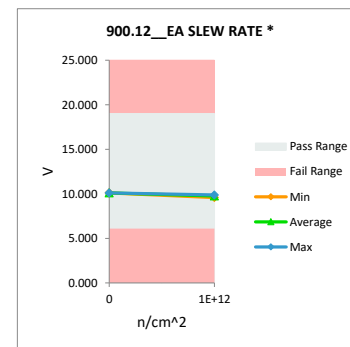


NDD Report UC1875-SP

900.12_EA SLEW RATE *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	19	19				
Min Limit	6.1	6.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	9.737	9.580	-0.157	-1.61%	1.22%
1E+12	513	10.092	9.877	-0.215	-2.13%	1.67%
1E+12	514	9.955	9.814	-0.141	-1.42%	1.09%
0	356	10.032	10.102	0.070	0.70%	0.54%
Max		10.092	10.102	0.070	0.70%	1.67%
Average		9.954	9.843	-0.111	-1.12%	1.13%
Min		9.737	9.580	-0.215	-2.13%	0.54%
Std Dev		0.155	0.215	0.125	1.25%	0.46%

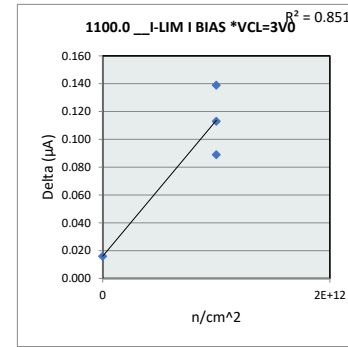


900.12_EA SLEW RATE *		
Test Site		
Tester		
Test Number		
Max Limit	19	V
Min Limit	6.1	V
n/cm^2	0	1E+12
LL	6.100	6.100
Min	10.102	9.580
Average	10.102	9.757
Max	10.102	9.877
UL	19.000	19.000

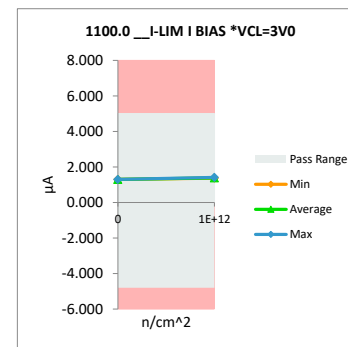


NDD Report UC1875-SP

1100.0 __I-LIM I BIAS *VCL=3V0						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		5	5			
Min Limit		-4.8	-4.8			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.231	1.370	0.139	11.29%	1.42%
1E+12	513	1.300	1.413	0.113	8.69%	1.15%
1E+12	514	1.281	1.370	0.089	6.95%	0.91%
0	356	1.284	1.300	0.016	1.25%	0.16%
Max		1.300	1.413	0.139	11.29%	1.42%
Average		1.274	1.363	0.089	7.04%	0.91%
Min		1.231	1.300	0.016	1.25%	0.16%
Std Dev		0.030	0.047	0.053	4.26%	0.54%

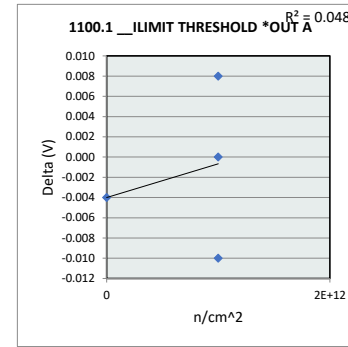


1100.0 __I-LIM I BIAS *VCL=3V0		
Test Site		
Tester		
Test Number		
Max Limit	5	µA
Min Limit	-4.8	µA
n/cm^2	0	1E+12
LL	-4.800	-4.800
Min	1.300	1.370
Average	1.300	1.384
Max	1.300	1.413
UL	5.000	5.000

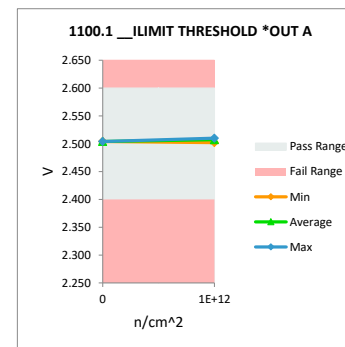


NDD Report UC1875-SP

1100.1 __ILIMIT THRESHOLD *O						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.6	2.6				
Min Limit	2.4	2.4				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.512	2.502	-0.010	-0.40%	5.00%
1E+12	513	2.510	2.510	0.000	0.00%	0.00%
1E+12	514	2.502	2.510	0.008	0.32%	4.00%
0	356	2.508	2.504	-0.004	-0.16%	2.00%
Max		2.512	2.510	0.008	0.32%	5.00%
Average		2.508	2.507	-0.002	-0.06%	2.75%
Min		2.502	2.502	-0.010	-0.40%	0.00%
Std Dev		0.004	0.004	0.008	0.30%	2.22%

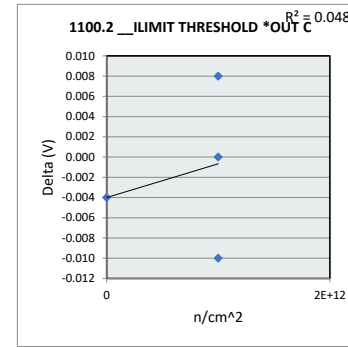


1100.1 __ILIMIT THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.4	V
n/cm^2	0	1E+12
LL	2.400	2.400
Min	2.504	2.502
Average	2.504	2.507
Max	2.504	2.510
UL	2.600	2.600

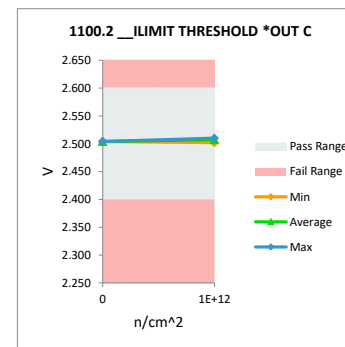


NDD Report UC1875-SP

1100.2 __ILIMIT THRESHOLD *O						
Test Site						
Tester						
Test Number						
Unit		V	V			
Max Limit		2.6	2.6			
Min Limit		2.4	2.4			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.512	2.502	-0.010	-0.40%	5.00%
1E+12	513	2.510	2.510	0.000	0.00%	0.00%
1E+12	514	2.502	2.510	0.008	0.32%	4.00%
0	356	2.508	2.504	-0.004	-0.16%	2.00%
Max		2.512	2.510	0.008	0.32%	5.00%
Average		2.508	2.507	-0.002	-0.06%	2.75%
Min		2.502	2.502	-0.010	-0.40%	0.00%
Std Dev		0.004	0.004	0.008	0.30%	2.22%

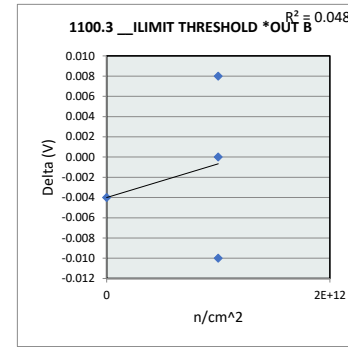


1100.2 __ILIMIT THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.4	V
n/cm^2	0	1E+12
LL	2.400	2.400
Min	2.504	2.502
Average	2.504	2.507
Max	2.504	2.510
UL	2.600	2.600

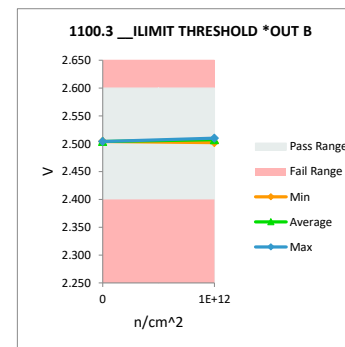


NDD Report UC1875-SP

1100.3 __ILIMIT THRESHOLD *O						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.6	2.6				
Min Limit	2.4	2.4				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.512	2.502	-0.010	-0.40%	5.00%
1E+12	513	2.510	2.510	0.000	0.00%	0.00%
1E+12	514	2.502	2.510	0.008	0.32%	4.00%
0	356	2.508	2.504	-0.004	-0.16%	2.00%
Max		2.512	2.510	0.008	0.32%	5.00%
Average		2.508	2.507	-0.002	-0.06%	2.75%
Min		2.502	2.502	-0.010	-0.40%	0.00%
Std Dev		0.004	0.004	0.008	0.30%	2.22%

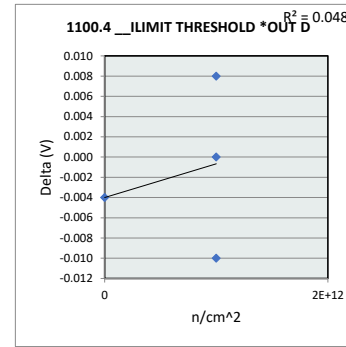


1100.3 __ILIMIT THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.4	V
n/cm^2	0	1E+12
LL	2.400	2.400
Min	2.504	2.502
Average	2.504	2.507
Max	2.504	2.510
UL	2.600	2.600

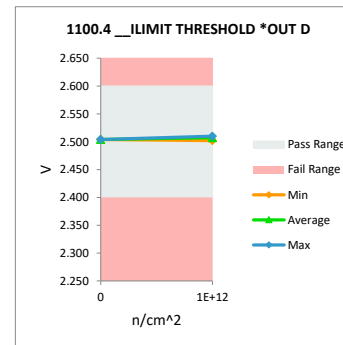


NDD Report UC1875-SP

1100.4 __ILIMIT THRESHOLD *O						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.6	2.6				
Min Limit	2.4	2.4				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.512	2.502	-0.010	-0.40%	5.00%
1E+12	513	2.510	2.510	0.000	0.00%	0.00%
1E+12	514	2.502	2.510	0.008	0.32%	4.00%
0	356	2.508	2.504	-0.004	-0.16%	2.00%
Max		2.512	2.510	0.008	0.32%	5.00%
Average		2.508	2.507	-0.002	-0.06%	2.75%
Min		2.502	2.502	-0.010	-0.40%	0.00%
Std Dev		0.004	0.004	0.008	0.30%	2.22%

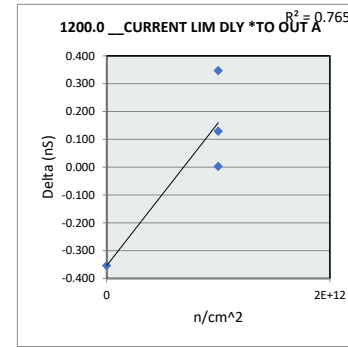


1100.4 __ILIMIT THRESHOLD		
Test Site		
Tester		
Test Number		
Max Limit	2.6	V
Min Limit	2.4	V
n/cm^2	0	1E+12
LL	2.400	2.400
Min	2.504	2.502
Average	2.504	2.507
Max	2.504	2.510
UL	2.600	2.600

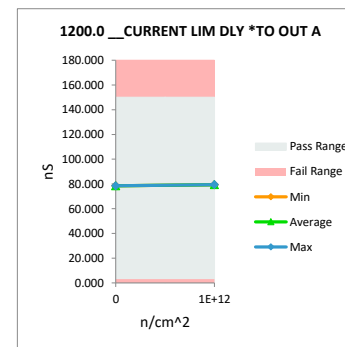


NDD Report UC1875-SP

1200.0 __CURRENT LIM DLY *TO						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	150	150				
Min Limit	3	3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	79.224	79.353	0.129	0.16%	0.09%
1E+12	513	79.334	79.337	0.003	0.00%	0.00%
1E+12	514	79.055	79.402	0.347	0.44%	0.24%
0	356	78.872	78.518	-0.354	-0.45%	0.24%
	Max	79.334	79.402	0.347	0.44%	0.24%
	Average	79.121	79.152	0.031	0.04%	0.14%
	Min	78.872	78.518	-0.354	-0.45%	0.00%
	Std Dev	0.202	0.424	0.294	0.37%	0.12%

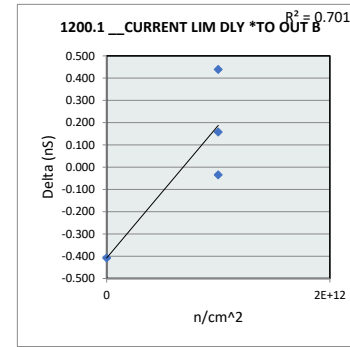


1200.0 __CURRENT LIM DLY *T		
Test Site		
Tester		
Test Number		
Max Limit	150	nS
Min Limit	3	nS
n/cm^2	0	1E+12
LL	3.000	3.000
Min	78.518	79.337
Average	78.518	79.364
Max	78.518	79.402
UL	150.000	150.000

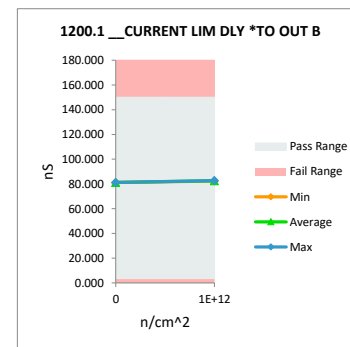


NDD Report UC1875-SP

1200.1 __ CURRENT LIM DLY *TO						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	150	150				
Min Limit	3	3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	82.355	82.321	-0.034	-0.04%	0.02%
1E+12	513	82.554	82.712	0.158	0.19%	0.11%
1E+12	514	82.267	82.706	0.439	0.53%	0.30%
0	356	81.592	81.184	-0.408	-0.50%	0.28%
	Max	82.554	82.712	0.439	0.53%	0.30%
	Average	82.192	82.231	0.039	0.05%	0.18%
	Min	81.592	81.184	-0.408	-0.50%	0.02%
	Std Dev	0.418	0.721	0.356	0.43%	0.13%

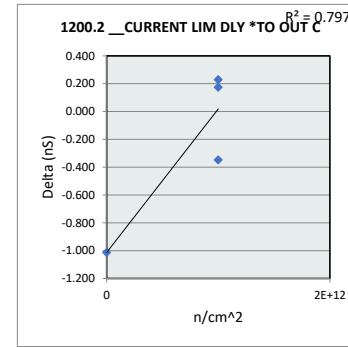


1200.1 __ CURRENT LIM DLY *TO		
Test Site		
Tester		
Test Number		
Max Limit	150	nS
Min Limit	3	nS
n/cm^2	0	1E+12
LL	3.000	3.000
Min	81.184	82.321
Average	81.184	82.580
Max	81.184	82.712
UL	150.000	150.000

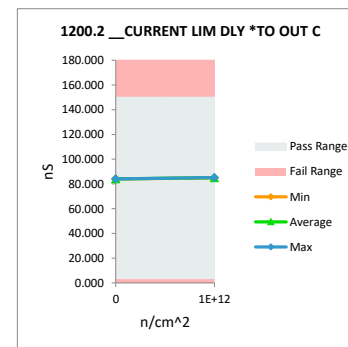


NDD Report UC1875-SP

1200.2 __ CURRENT LIM DLY *TO						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	150	150				
Min Limit	3	3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	84.958	85.188	0.230	0.27%	0.16%
1E+12	513	84.989	85.163	0.174	0.20%	0.12%
1E+12	514	85.245	84.897	-0.348	-0.41%	0.24%
0	356	85.062	84.049	-1.013	-1.19%	0.69%
Max		85.245	85.188	0.230	0.27%	0.69%
Average		85.063	84.824	-0.239	-0.28%	0.30%
Min		84.958	84.049	-1.013	-1.19%	0.12%
Std Dev		0.129	0.533	0.578	0.68%	0.26%

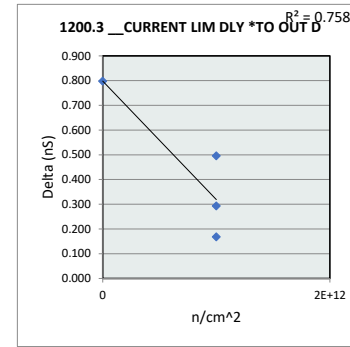


1200.2 __ CURRENT LIM DLY *TO		
Test Site		
Tester		
Test Number		
Max Limit	150	nS
Min Limit	3	nS
n/cm^2	0	1E+12
LL	3.000	3.000
Min	84.049	84.897
Average	84.049	85.083
Max	84.049	85.188
UL	150.000	150.000

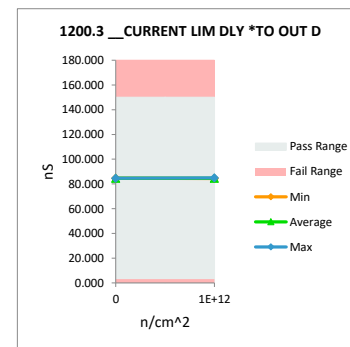


NDD Report UC1875-SP

1200.3 _CURRENT LIM DLY *TO						
Test Site						
Tester						
Test Number						
Unit	nS	nS				
Max Limit	150	150				
Min Limit	3	3				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	83.888	84.384	0.496	0.59%	0.34%
1E+12	513	84.723	84.891	0.168	0.20%	0.11%
1E+12	514	84.210	84.503	0.293	0.35%	0.20%
0	356	83.832	84.630	0.798	0.95%	0.54%
Max		84.723	84.891	0.798	0.95%	0.54%
Average		84.163	84.602	0.439	0.52%	0.30%
Min		83.832	84.384	0.168	0.20%	0.11%
Std Dev		0.409	0.217	0.275	0.33%	0.19%

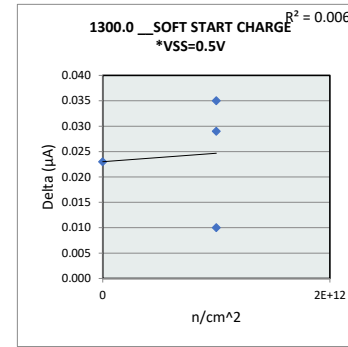


1200.3 _CURRENT LIM DLY *TO		
Test Site		
Tester		
Test Number		
Max Limit	150	nS
Min Limit	3	nS
n/cm^2	0	1E+12
LL	3.000	3.000
Min	84.630	84.384
Average	84.630	84.593
Max	84.630	84.891
UL	150.000	150.000

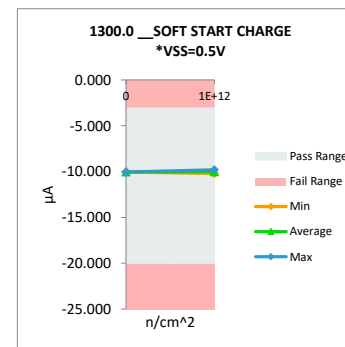


NDD Report UC1875-SP

1300.0 __SOFT START CHARGE *						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		-3	-3			
Min Limit		-20	-20			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-9.833	-9.804	0.029	-0.29%	0.17%
1E+12	513	-10.251	-10.216	0.035	-0.34%	0.21%
1E+12	514	-10.050	-10.040	0.010	-0.10%	0.06%
0	356	-10.072	-10.049	0.023	-0.23%	0.14%
Max		-9.833	-9.804	0.035	-0.10%	0.21%
Average		-10.052	-10.027	0.024	-0.24%	0.14%
Min		-10.251	-10.216	0.010	-0.34%	0.06%
Std Dev		0.171	0.169	0.011	0.11%	0.06%

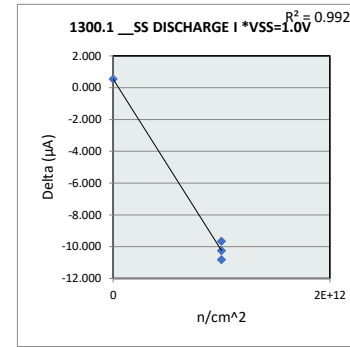


1300.0 __SOFT START CHARGE		
Test Site		
Tester		
Test Number		
Max Limit	-3	μA
Min Limit	-20	μA
n/cm^2	0	1E+12
LL	-20.000	-20.000
Min	-10.049	-10.216
Average	-10.049	-10.020
Max	-10.049	-9.804
UL	-3.000	-3.000

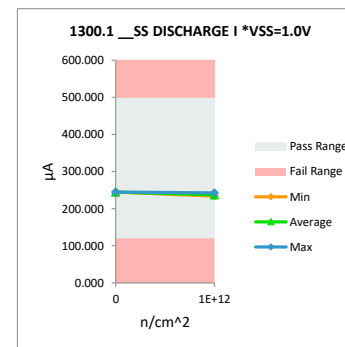


NDD Report UC1875-SP

1300.1 __SS DISCHARGE I *VSS-						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		497	497			
Min Limit		120	120			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	244.344	234.681	-9.663	-3.95%	2.56%
1E+12	513	244.266	234.012	-10.254	-4.20%	2.72%
1E+12	514	253.404	242.588	-10.816	-4.27%	2.87%
0	356	244.228	244.766	0.538	0.22%	0.14%
Max		253.404	244.766	0.538	0.22%	2.87%
Average		246.561	239.012	-7.549	-3.05%	2.07%
Min		244.228	234.012	-10.816	-4.27%	0.14%
Std Dev		4.563	5.467	5.412	2.18%	1.29%

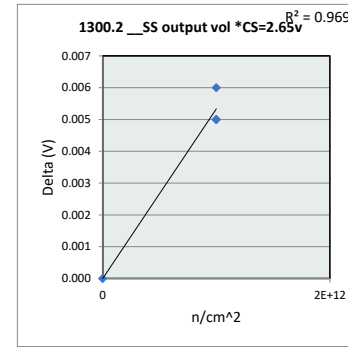


1300.1 __SS DISCHARGE I *VS-		
Test Site		
Tester		
Test Number		
Max Limit	497	µA
Min Limit	120	µA
n/cm^2	0	1E+12
LL	120.000	120.000
Min	244.766	234.012
Average	244.766	237.094
Max	244.766	242.588
UL	497.000	497.000

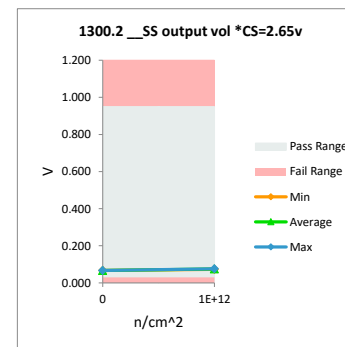


NDD Report UC1875-SP

1300.2 __SS output vol *CS=2.65						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.95	0.95				
Min Limit	0.03	0.03				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.068	0.073	0.005	7.35%	0.54%
1E+12	513	0.071	0.076	0.005	7.04%	0.54%
1E+12	514	0.070	0.076	0.006	8.57%	0.65%
0	356	0.067	0.067	0.000	0.00%	0.00%
Max		0.071	0.076	0.006	8.57%	0.65%
Average		0.069	0.073	0.004	5.74%	0.43%
Min		0.067	0.067	0.000	0.00%	0.00%
Std Dev		0.002	0.004	0.003	3.88%	0.29%

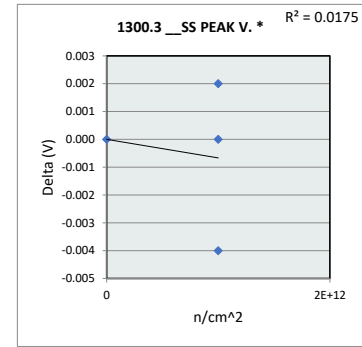


1300.2 __SS output vol *CS=2.65		
Test Site		
Tester		
Test Number		
Max Limit	0.95	V
Min Limit	0.03	V
n/cm^2	0	1E+12
LL	0.030	0.030
Min	0.067	0.073
Average	0.067	0.075
Max	0.067	0.076
UL	0.950	0.950

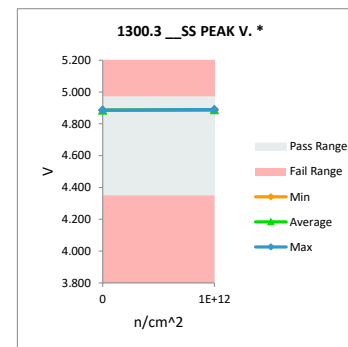


NDD Report
UC1875-SP

1300.3 __SS PEAK V. *						
Test Site						
Tester						
Test Number						
Unit		V	V			
Max Limit		4.97	4.97			
Min Limit		4.35	4.35			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	4.888	4.888	0.000	0.00%	0.00%
1E+12	513	4.894	4.890	-0.004	-0.08%	0.65%
1E+12	514	4.885	4.887	0.002	0.04%	0.32%
0	356	4.886	4.886	0.000	0.00%	0.00%
Max		4.894	4.890	0.002	0.04%	0.65%
Average		4.888	4.888	-0.001	-0.01%	0.24%
Min		4.885	4.886	-0.004	-0.08%	0.00%
Std Dev		0.004	0.002	0.003	0.05%	0.31%

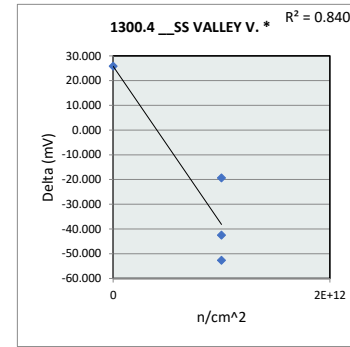


1300.3 __SS PEAK V. *		
Test Site		
Tester		
Test Number		
Max Limit	4.97	V
Min Limit	4.35	V
n/cm^2	0	1E+12
LL	4.350	4.350
Min	4.886	4.887
Average	4.886	4.888
Max	4.886	4.890
UL	4.970	4.970

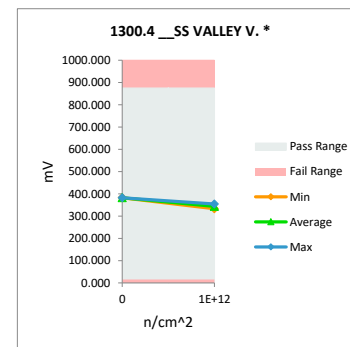


NDD Report UC1875-SP

1300.4 __SS VALLEY V. *						
Test Site						
Tester						
Test Number						
Unit	mV	mV				
Max Limit	875	875				
Min Limit	15	15				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	362.614	343.257	-19.357	-5.34%	2.25%
1E+12	513	375.516	333.072	-42.444	-11.30%	4.94%
1E+12	514	407.092	354.462	-52.630	-12.93%	6.12%
0	356	356.502	382.302	25.800	7.24%	3.00%
Max		407.092	382.302	25.800	7.24%	6.12%
Average		375.431	353.273	-22.158	-5.58%	4.08%
Min		356.502	333.072	-52.630	-12.93%	2.25%
Std Dev		22.546	21.233	34.871	9.15%	1.77%

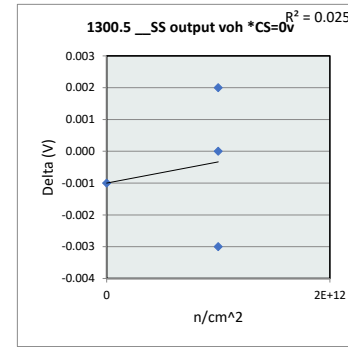


1300.4 __SS VALLEY V. *		
Test Site		
Tester		
Test Number		
Max Limit	875	mV
Min Limit	15	mV
n/cm^2	0	1E+12
LL	15.000	15.000
Min	382.302	333.072
Average	382.302	343.597
Max	382.302	354.462
UL	875.000	875.000

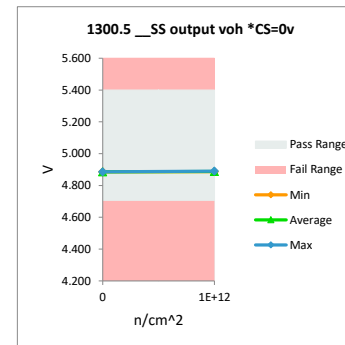


NDD Report UC1875-SP

1300.5 __SS output voh *CS=0v						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	5.4	5.4				
Min Limit	4.703	4.703				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	4.887	4.887	0.000	0.00%	0.00%
1E+12	513	4.893	4.890	-0.003	-0.06%	0.43%
1E+12	514	4.885	4.887	0.002	0.04%	0.29%
0	356	4.887	4.886	-0.001	-0.02%	0.14%
Max		4.893	4.890	0.002	0.04%	0.43%
Average		4.888	4.888	-0.001	-0.01%	0.22%
Min		4.885	4.886	-0.003	-0.06%	0.00%
Std Dev		0.003	0.002	0.002	0.04%	0.19%

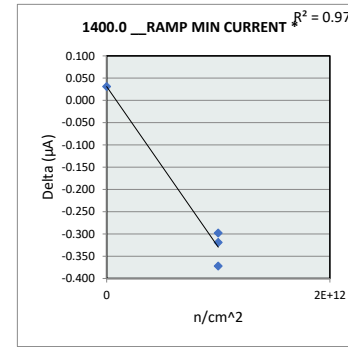


1300.5 __SS output voh *CS=0v		
Test Site		
Tester		
Test Number		
Max Limit	5.4	V
Min Limit	4.703	V
n/cm^2	0	1E+12
LL	4.703	4.703
Min	4.886	4.887
Average	4.886	4.888
Max	4.886	4.890
UL	5.400	5.400

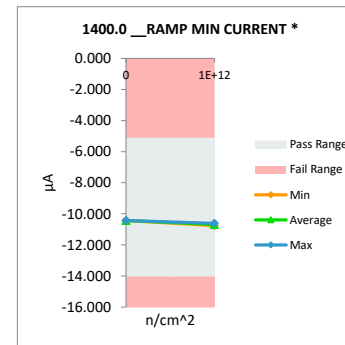


NDD Report UC1875-SP

1400.0 __RAMP MIN CURRENT *						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		-5.1	-5.1			
Min Limit		-14	-14			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-10.318	-10.616	-0.298	2.89%	3.35%
1E+12	513	-10.386	-10.758	-0.372	3.58%	4.18%
1E+12	514	-10.371	-10.690	-0.319	3.08%	3.58%
0	356	-10.461	-10.430	0.031	-0.30%	0.35%
Max		-10.318	-10.430	0.031	3.58%	4.18%
Average		-10.384	-10.624	-0.240	2.31%	2.87%
Min		-10.461	-10.758	-0.372	-0.30%	0.35%
Std Dev		0.059	0.141	0.183	1.76%	1.71%

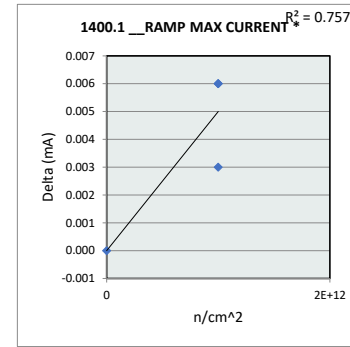


1400.0 __RAMP MIN CURRENT		
Test Site		
Tester		
Test Number		
Max Limit	-5.1	µA
Min Limit	-14	µA
n/cm^2	0	1E+12
LL	-14.000	-14.000
Min	-10.430	-10.758
Average	-10.430	-10.688
Max	-10.430	-10.616
UL	-5.100	-5.100

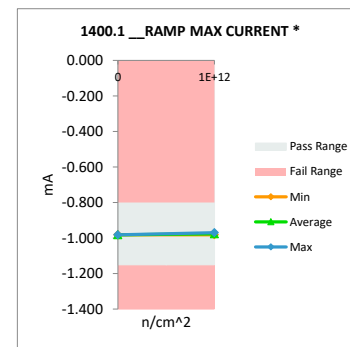


NDD Report UC1875-SP

1400.1 __RAMP MAX CURRENT *						
Test Site						
Tester						
Test Number						
Unit		mA	mA			
Max Limit		-0.8	-0.8			
Min Limit		-1.15	-1.15			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.976	-0.970	0.006	-0.61%	1.71%
1E+12	513	-0.985	-0.982	0.003	-0.30%	0.86%
1E+12	514	-0.984	-0.978	0.006	-0.61%	1.71%
0	356	-0.982	-0.982	0.000	0.00%	0.00%
Max		-0.976	-0.970	0.006	0.00%	1.71%
Average		-0.982	-0.978	0.004	-0.38%	1.07%
Min		-0.985	-0.982	0.000	-0.61%	0.00%
Std Dev		0.004	0.006	0.003	0.29%	0.82%

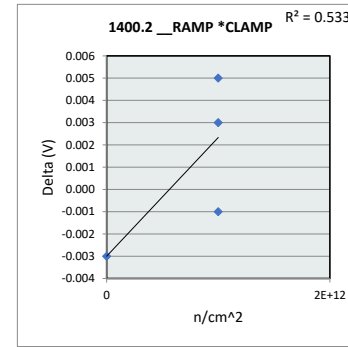


1400.1 __RAMP MAX CURRENT		
Test Site		
Tester		
Test Number		
Max Limit	-0.8	mA
Min Limit	-1.15	mA
n/cm^2	0	1E+12
LL	-1.150	-1.150
Min	-0.982	-0.982
Average	-0.982	-0.977
Max	-0.982	-0.970
UL	-0.800	-0.800

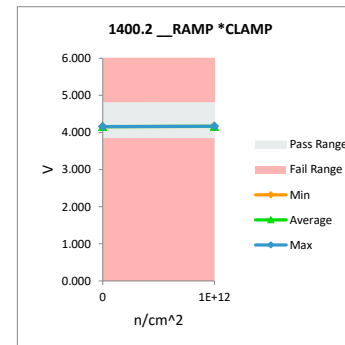


NDD Report UC1875-SP

1400.2 __RAMP *CLAMP						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	4.8	4.8				
Min Limit	3.85	3.85				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	4.161	4.164	0.003	0.07%	0.32%
1E+12	513	4.168	4.167	-0.001	-0.02%	0.11%
1E+12	514	4.158	4.163	0.005	0.12%	0.53%
0	356	4.161	4.158	-0.003	-0.07%	0.32%
Max		4.168	4.167	0.005	0.12%	0.53%
Average		4.162	4.163	0.001	0.02%	0.32%
Min		4.158	4.158	-0.003	-0.07%	0.11%
Std Dev		0.004	0.004	0.004	0.09%	0.17%

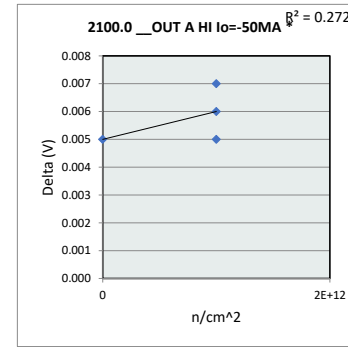


1400.2 __RAMP *CLAMP		
Test Site		
Tester		
Test Number		
Max Limit	4.8	V
Min Limit	3.85	V
n/cm^2	0	1E+12
LL	3.850	3.850
Min	4.158	4.163
Average	4.158	4.165
Max	4.158	4.167
UL	4.800	4.800

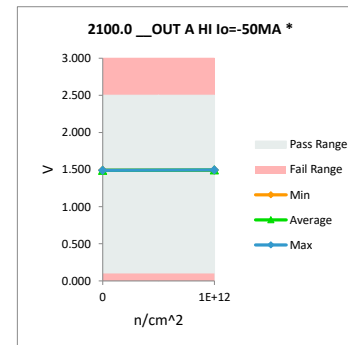


NDD Report UC1875-SP

2100.0 __OUT A HI Io=-50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.485	1.491	0.006	0.40%	0.25%
1E+12	513	1.487	1.494	0.007	0.47%	0.29%
1E+12	514	1.490	1.495	0.005	0.34%	0.21%
0	356	1.485	1.490	0.005	0.34%	0.21%
Max		1.490	1.495	0.007	0.47%	0.29%
Average		1.487	1.493	0.006	0.39%	0.24%
Min		1.485	1.490	0.005	0.34%	0.21%
Std Dev		0.002	0.002	0.001	0.06%	0.04%

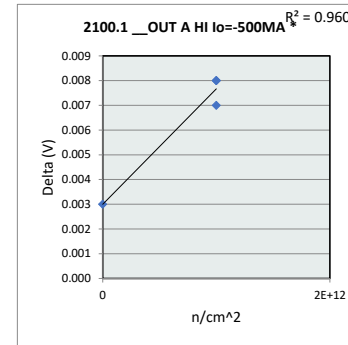


2100.0 __OUT A HI Io=-50MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.490	1.491
Average	1.490	1.493
Max	1.490	1.495
UL	2.500	2.500

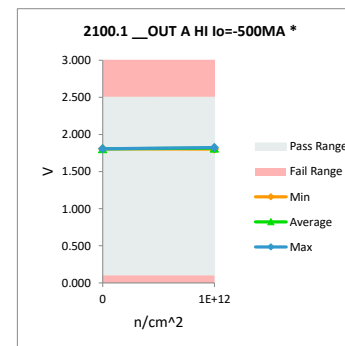


NDD Report UC1875-SP

2100.1 __OUT A HI Io=-500MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.796	1.803	0.007	0.39%	0.29%
1E+12	513	1.811	1.819	0.008	0.44%	0.33%
1E+12	514	1.816	1.824	0.008	0.44%	0.33%
0	356	1.804	1.807	0.003	0.17%	0.13%
Max		1.816	1.824	0.008	0.44%	0.33%
Average		1.807	1.813	0.007	0.36%	0.27%
Min		1.796	1.803	0.007	0.39%	0.29%
Std Dev		0.009	0.010	0.002	0.13%	0.10%

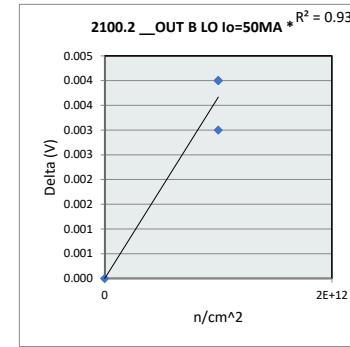


2100.1 __OUT A HI Io=-500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.807	1.803
Average	1.807	1.815
Max	1.807	1.824
UL	2.500	2.500

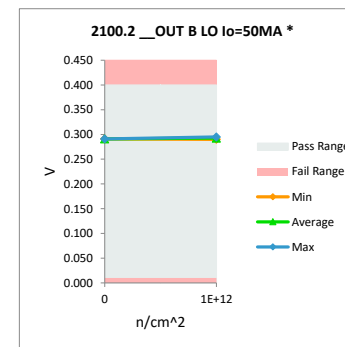


NDD Report UC1875-SP

2100.2 __OUT B LO Io=50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.4	0.4				
Min Limit	0.01	0.01				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.287	0.290	0.003	1.05%	0.77%
1E+12	513	0.291	0.295	0.004	1.37%	1.03%
1E+12	514	0.289	0.293	0.004	1.38%	1.03%
0	356	0.291	0.291	0.000	0.00%	0.00%
Max		0.291	0.295	0.004	1.38%	1.03%
Average		0.290	0.292	0.003	0.95%	0.71%
Min		0.287	0.290	0.000	0.00%	0.00%
Std Dev		0.002	0.002	0.002	0.65%	0.49%

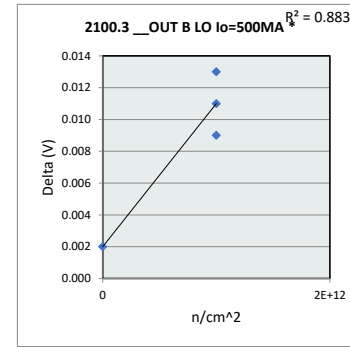


2100.2 __OUT B LO Io=50MA *		
Test Site		
Tester		
Test Number		
Max Limit	0.4	V
Min Limit	0.01	V
n/cm^2	0	1E+12
LL	0.010	0.010
Min	0.291	0.290
Average	0.291	0.293
Max	0.291	0.295
UL	0.400	0.400

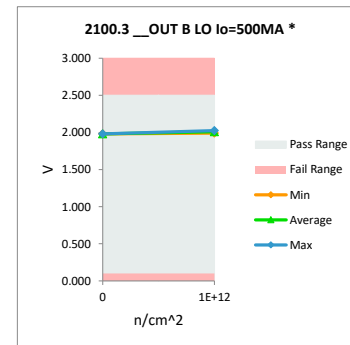


NDD Report UC1875-SP

2100.3 __OUT B LO I _o =500MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm ²	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.978	1.991	0.013	0.66%	0.54%
1E+12	513	2.004	2.013	0.009	0.45%	0.38%
1E+12	514	2.014	2.025	0.011	0.55%	0.46%
0	356	1.979	1.981	0.002	0.10%	0.08%
Max		2.014	2.025	0.013	0.66%	0.54%
Average		1.994	2.003	0.009	0.44%	0.36%
Min		1.978	1.981	0.002	0.10%	0.08%
Std Dev		0.018	0.020	0.005	0.24%	0.20%

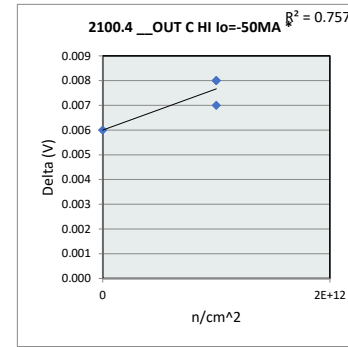


2100.3 __OUT B LO I _o =500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm ²	0	1E+12
LL	0.100	0.100
Min	1.981	1.991
Average	1.981	2.010
Max	1.981	2.025
UL	2.500	2.500

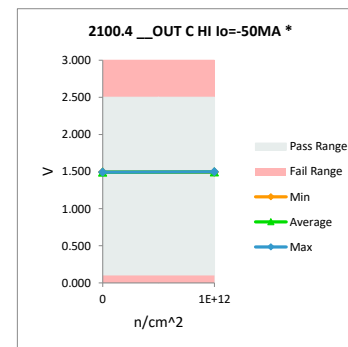


NDD Report UC1875-SP

2100.4 __OUT C HI Io=-50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.485	1.492	0.007	0.47%	0.29%
1E+12	513	1.488	1.496	0.008	0.54%	0.33%
1E+12	514	1.489	1.497	0.008	0.54%	0.33%
0	356	1.486	1.492	0.006	0.40%	0.25%
Max		1.489	1.497	0.008	0.54%	0.33%
Average		1.487	1.494	0.007	0.49%	0.30%
Min		1.485	1.492	0.006	0.40%	0.25%
Std Dev		0.002	0.003	0.001	0.06%	0.04%

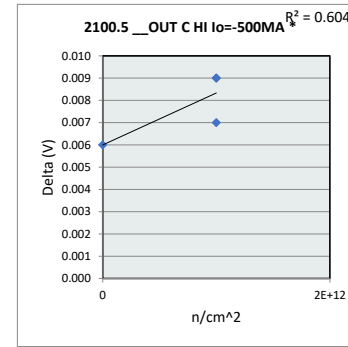


2100.4 __OUT C HI Io=-50MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.492	1.492
Average	1.492	1.495
Max	1.492	1.497
UL	2.500	2.500

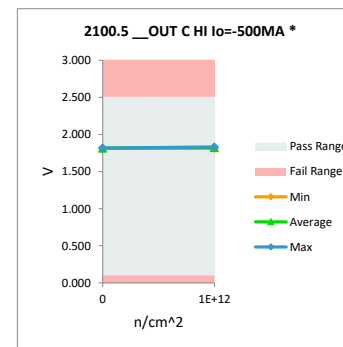


NDD Report UC1875-SP

2100.5 __OUT C HI Io=-500MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.806	1.813	0.007	0.39%	0.29%
1E+12	513	1.818	1.827	0.009	0.50%	0.38%
1E+12	514	1.823	1.832	0.009	0.49%	0.38%
0	356	1.810	1.816	0.006	0.33%	0.25%
Max		1.823	1.832	0.009	0.50%	0.38%
Average		1.814	1.822	0.008	0.43%	0.32%
Min		1.806	1.813	0.006	0.33%	0.25%
Std Dev		0.008	0.009	0.002	0.08%	0.06%

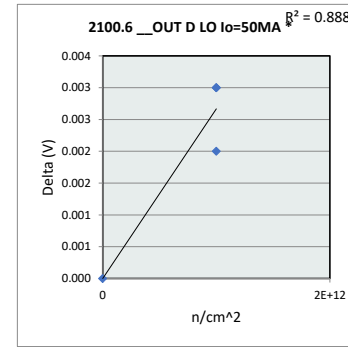


2100.5 __OUT C HI Io=-500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.816	1.813
Average	1.816	1.824
Max	1.816	1.832
UL	2.500	2.500

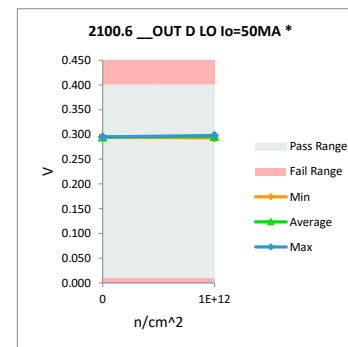


NDD Report UC1875-SP

2100.6 __OUT D LO Io=50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.4	0.4				
Min Limit	0.01	0.01				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.290	0.293	0.003	1.03%	0.77%
1E+12	513	0.296	0.298	0.002	0.68%	0.51%
1E+12	514	0.294	0.297	0.003	1.02%	0.77%
0	356	0.295	0.295	0.000	0.00%	0.00%
Max		0.296	0.298	0.003	1.03%	0.77%
Average		0.294	0.296	0.002	0.68%	0.51%
Min		0.290	0.293	0.000	0.00%	0.00%
Std Dev		0.003	0.002	0.001	0.48%	0.36%

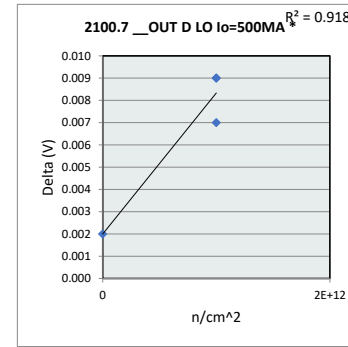


2100.6 __OUT D LO Io=50MA *		
Test Site		
Tester		
Test Number		
Max Limit	0.4	V
Min Limit	0.01	V
n/cm^2	0	1E+12
LL	0.010	0.010
Min	0.295	0.293
Average	0.295	0.296
Max	0.295	0.298
UL	0.400	0.400

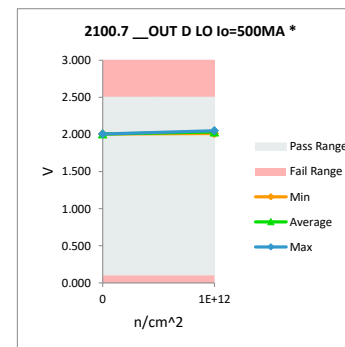


NDD Report UC1875-SP

2100.7 __OUT D LO I _o =500MA *						
Test Site						
Tester						
Test Number						
Unit		V	V			
Max Limit		2.5	2.5			
Min Limit		0.1	0.1			
n/cm ²	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	2.004	2.013	0.009	0.45%	0.38%
1E+12	513	2.028	2.037	0.009	0.44%	0.37%
1E+12	514	2.043	2.050	0.007	0.34%	0.29%
0	356	2.004	2.006	0.002	0.10%	0.08%
Max		2.043	2.050	0.009	0.45%	0.38%
Average		2.020	2.026	0.007	0.33%	0.28%
Min		2.004	2.006	0.002	0.10%	0.08%
Std Dev		0.019	0.021	0.003	0.16%	0.14%

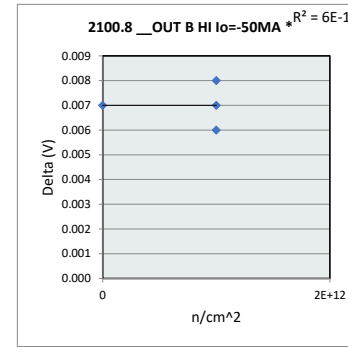


2100.7 __OUT D LO I _o =500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm ²	0	1E+12
LL	0.100	0.100
Min	2.006	2.013
Average	2.006	2.033
Max	2.006	2.050
UL	2.500	2.500

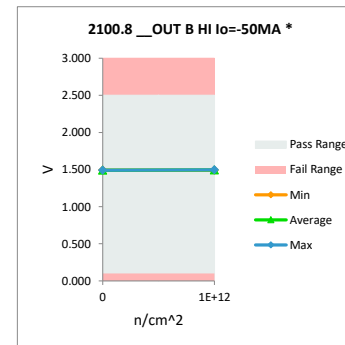


NDD Report UC1875-SP

2100.8 __OUT B HI Io=-50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.486	1.492	0.006	0.40%	0.25%
1E+12	513	1.488	1.496	0.008	0.54%	0.33%
1E+12	514	1.489	1.496	0.007	0.47%	0.29%
0	356	1.484	1.491	0.007	0.47%	0.29%
Max		1.489	1.496	0.008	0.54%	0.33%
Average		1.487	1.494	0.007	0.47%	0.29%
Min		1.484	1.491	0.006	0.40%	0.25%
Std Dev		0.002	0.003	0.001	0.05%	0.03%

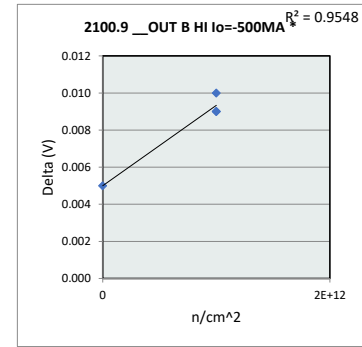


2100.8 __OUT B HI Io=-50MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.491	1.492
Average	1.491	1.495
Max	1.491	1.496
UL	2.500	2.500



NDD Report UC1875-SP

2100.9 __OUT B HI Io=-500MA *						
Test Site						
Tester						
Test Number						
Unit		V	V			
Max Limit		2.5	2.5			
Min Limit		0.1	0.1			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.811	1.820	0.009	0.50%	0.38%
1E+12	513	1.825	1.834	0.009	0.49%	0.37%
1E+12	514	1.830	1.840	0.010	0.55%	0.42%
0	356	1.814	1.819	0.005	0.28%	0.21%
Max		1.830	1.840	0.010	0.55%	0.42%
Average		1.820	1.828	0.008	0.45%	0.34%
Min		1.811	1.819	0.005	0.28%	0.21%
Std Dev		0.009	0.010	0.002	0.12%	0.09%

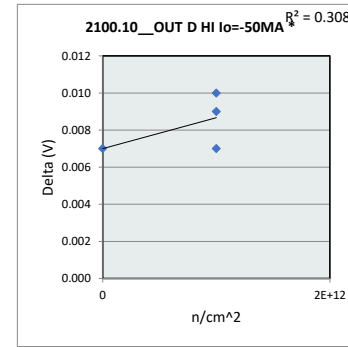


2100.9 __OUT B HI Io=-500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.819	1.820
Average	1.819	1.831
Max	1.819	1.840
UL	2.500	2.500

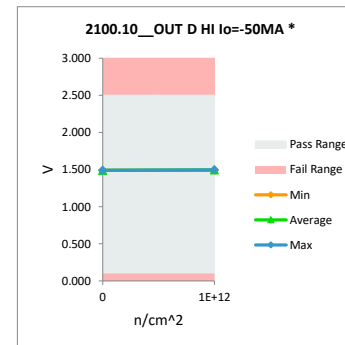


NDD Report UC1875-SP

2100.10_OUT D HI Io=-50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.484	1.491	0.007	0.47%	0.29%
1E+12	513	1.485	1.495	0.010	0.67%	0.42%
1E+12	514	1.487	1.496	0.009	0.61%	0.38%
0	356	1.483	1.490	0.007	0.47%	0.29%
Max		1.487	1.496	0.010	0.67%	0.42%
Average		1.485	1.493	0.008	0.56%	0.34%
Min		1.483	1.490	0.007	0.47%	0.29%
Std Dev		0.002	0.003	0.001	0.10%	0.06%

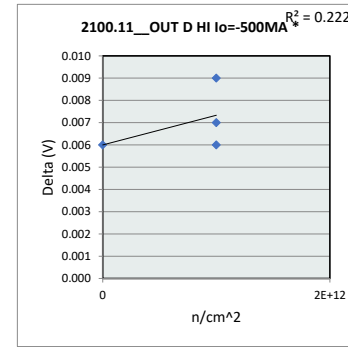


2100.10_OUT D HI Io=-50MA		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.490	1.491
Average	1.490	1.494
Max	1.490	1.496
UL	2.500	2.500

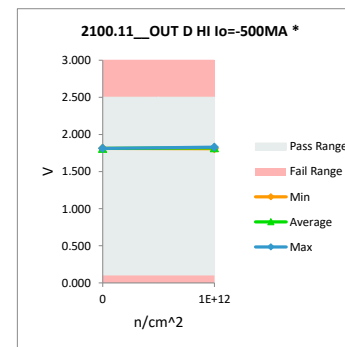


NDD Report UC1875-SP

2100.11_OUT D HI Io=-500MA						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.801	1.808	0.007	0.39%	0.29%
1E+12	513	1.815	1.824	0.009	0.50%	0.37%
1E+12	514	1.823	1.829	0.006	0.33%	0.25%
0	356	1.806	1.812	0.006	0.33%	0.25%
Max		1.823	1.829	0.009	0.50%	0.37%
Average		1.811	1.818	0.007	0.39%	0.29%
Min		1.801	1.808	0.006	0.33%	0.25%
Std Dev		0.010	0.010	0.001	0.08%	0.06%

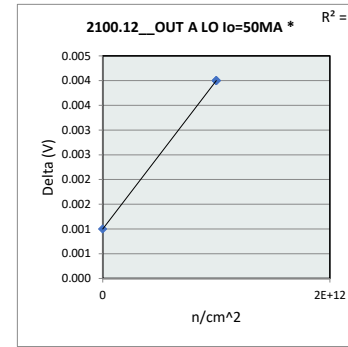


2100.11_OUT D HI Io=-500M		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.812	1.808
Average	1.812	1.820
Max	1.812	1.829
UL	2.500	2.500

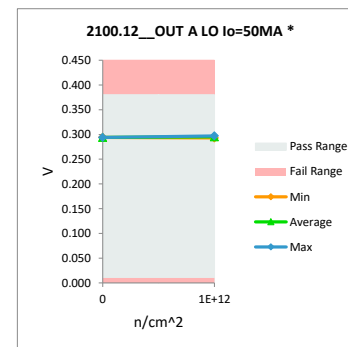


NDD Report UC1875-SP

2100.12_OUT A LO Io=50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.38	0.38				
Min Limit	0.01	0.01				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.289	0.293	0.004	1.38%	1.08%
1E+12	513	0.293	0.297	0.004	1.37%	1.08%
1E+12	514	0.292	0.296	0.004	1.37%	1.08%
0	356	0.293	0.294	0.001	0.34%	0.27%
Max		0.293	0.297	0.004	1.38%	1.08%
Average		0.292	0.295	0.003	1.12%	0.88%
Min		0.289	0.293	0.001	0.34%	0.27%
Std Dev		0.002	0.002	0.002	0.52%	0.41%

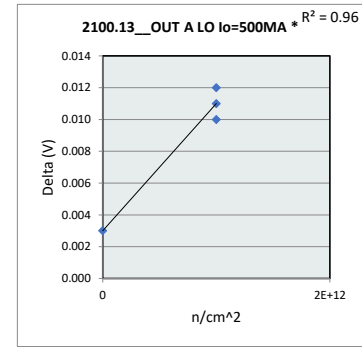


2100.12_OUT A LO Io=50MA *		
Test Site		
Tester		
Test Number		
Max Limit	0.38	V
Min Limit	0.01	V
n/cm^2	0	1E+12
LL	0.010	0.010
Min	0.294	0.293
Average	0.294	0.295
Max	0.294	0.297
UL	0.380	0.380

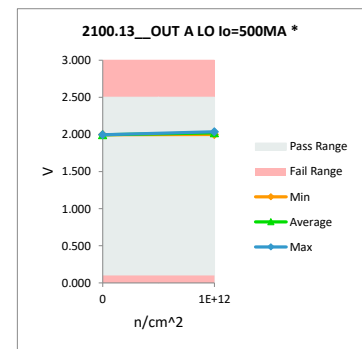


NDD Report UC1875-SP

2100.13_OUT A LO Io=500MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.989	2.000	0.011	0.55%	0.46%
1E+12	513	2.018	2.028	0.010	0.50%	0.42%
1E+12	514	2.024	2.036	0.012	0.59%	0.50%
0	356	1.993	1.996	0.003	0.15%	0.13%
Max		2.024	2.036	0.012	0.59%	0.50%
Average		2.006	2.015	0.009	0.45%	0.38%
Min		1.989	1.996	0.003	0.15%	0.13%
Std Dev		0.018	0.020	0.004	0.20%	0.17%

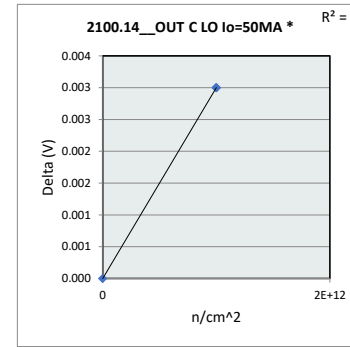


2100.13_OUT A LO Io=500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.996	2.000
Average	1.996	2.021
Max	1.996	2.036
UL	2.500	2.500

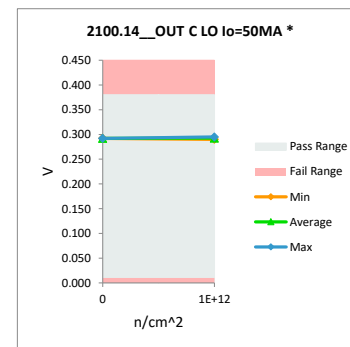


NDD Report UC1875-SP

2100.14_OUT C LO Io=50MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	0.38	0.38				
Min Limit	0.01	0.01				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.287	0.290	0.003	1.05%	0.81%
1E+12	513	0.292	0.295	0.003	1.03%	0.81%
1E+12	514	0.290	0.293	0.003	1.03%	0.81%
0	356	0.292	0.292	0.000	0.00%	0.00%
Max		0.292	0.295	0.003	1.05%	0.81%
Average		0.290	0.292	0.002	0.78%	0.61%
Min		0.287	0.290	0.000	0.00%	0.00%
Std Dev		0.002	0.002	0.002	0.52%	0.41%

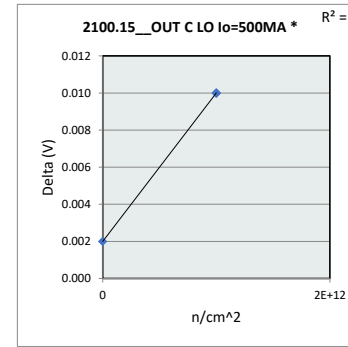


2100.14_OUT C LO Io=50MA *		
Test Site		
Tester		
Test Number		
Max Limit	0.38	V
Min Limit	0.01	V
n/cm^2	0	1E+12
LL	0.010	0.010
Min	0.292	0.290
Average	0.292	0.293
Max	0.292	0.295
UL	0.380	0.380

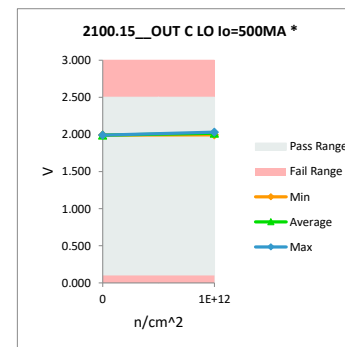


NDD Report UC1875-SP

2100.15_OUT C LO Io=500MA *						
Test Site						
Tester						
Test Number						
Unit	V	V				
Max Limit	2.5	2.5				
Min Limit	0.1	0.1				
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	1.985	1.995	0.010	0.50%	0.42%
1E+12	513	2.012	2.022	0.010	0.50%	0.42%
1E+12	514	2.021	2.031	0.010	0.49%	0.42%
0	356	1.989	1.991	0.002	0.10%	0.08%
Max		2.021	2.031	0.010	0.50%	0.42%
Average		2.002	2.010	0.008	0.40%	0.33%
Min		1.985	1.991	0.002	0.10%	0.08%
Std Dev		0.017	0.020	0.004	0.20%	0.17%

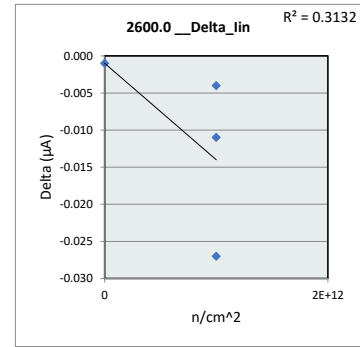


2100.15_OUT C LO Io=500MA *		
Test Site		
Tester		
Test Number		
Max Limit	2.5	V
Min Limit	0.1	V
n/cm^2	0	1E+12
LL	0.100	0.100
Min	1.991	1.995
Average	1.991	2.016
Max	1.991	2.031
UL	2.500	2.500

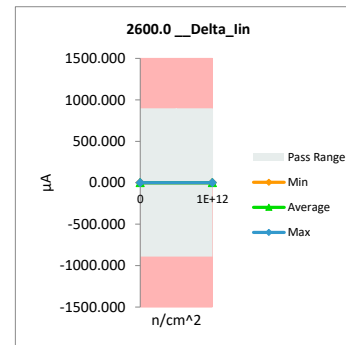


NDD Report
UC1875-SP

2600.0 _Delta_Iin						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		890	890			
Min Limit		-890	-890			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.338	0.311	-0.027	-7.99%	0.00%
1E+12	513	0.342	0.331	-0.011	-3.22%	0.00%
1E+12	514	0.322	0.318	-0.004	-1.24%	0.00%
0	356	0.366	0.365	-0.001	-0.27%	0.00%
Max		0.366	0.365	-0.001	-0.27%	0.00%
Average		0.342	0.331	-0.011	-3.18%	0.00%
Min		0.322	0.311	-0.027	-7.99%	0.00%
Std Dev		0.018	0.024	0.012	3.43%	0.00%

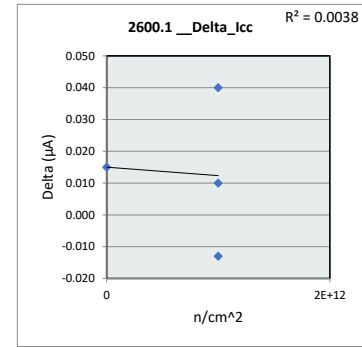


2600.0 _Delta_Iin		
Test Site		
Tester		
Test Number		
Max Limit	890	µA
Min Limit	-890	µA
n/cm^2	0	1E+12
LL	-890.000	-890.000
Min	0.365	0.311
Average	0.365	0.320
Max	0.365	0.331
UL	890.000	890.000

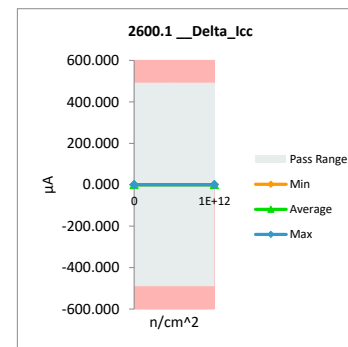


NDD Report
UC1875-SP

2600.1 _Delta_Icc						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		490	490			
Min Limit		-490	-490			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	0.073	0.083	0.010	13.70%	0.00%
1E+12	513	0.087	0.074	-0.013	-14.94%	0.00%
1E+12	514	0.073	0.113	0.040	54.79%	0.00%
0	356	0.033	0.048	0.015	45.45%	0.00%
Max		0.087	0.113	0.040	54.79%	0.00%
Average		0.066	0.079	0.013	24.75%	0.00%
Min		0.033	0.048	-0.013	-14.94%	0.00%
Std Dev		0.023	0.027	0.022	31.78%	0.00%

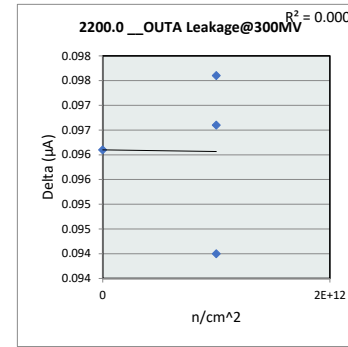


2600.1 _Delta_Icc		
Test Site		
Tester		
Test Number		
Max Limit	490	µA
Min Limit	-490	µA
n/cm^2	0	1E+12
LL	-490.000	-490.000
Min	0.048	0.074
Average	0.048	0.090
Max	0.048	0.113
UL	490.000	490.000

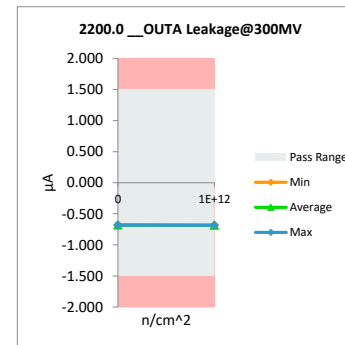


NDD Report UC1875-SP

2200.0 __OUTA Leakage@300MV						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		1.5	1.5			
Min Limit		-1.5	-1.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.780	-0.686	0.094	-12.06%	3.13%
1E+12	513	-0.781	-0.684	0.097	-12.37%	3.22%
1E+12	514	-0.782	-0.685	0.098	-12.47%	3.25%
0	356	-0.777	-0.681	0.096	-12.36%	3.20%
Max		-0.777	-0.681	0.098	-12.06%	3.25%
Average		-0.780	-0.684	0.096	-12.32%	3.20%
Min		-0.782	-0.686	0.094	-12.47%	3.13%
Std Dev		0.002	0.002	0.002	0.18%	0.05%

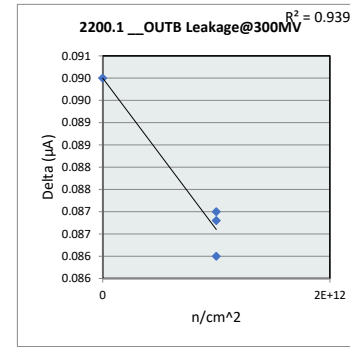


2200.0 __OUTA Leakage@300MV		
Test Site		
Tester		
Test Number		
Max Limit	1.5	μA
Min Limit	-1.5	μA
n/cm^2	0	1E+12
LL	-1.500	-1.500
Min	-0.681	-0.686
Average	-0.681	-0.685
Max	-0.681	-0.684
UL	1.500	1.500

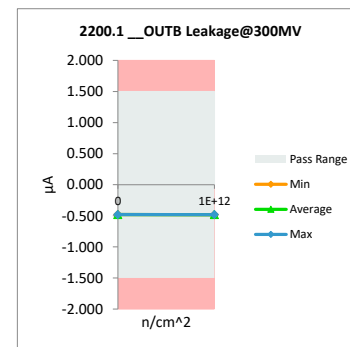


NDD Report UC1875-SP

2200.1 __OUTB Leakage@300MV						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		1.5	1.5			
Min Limit		-1.5	-1.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.568	-0.482	0.086	-15.14%	2.87%
1E+12	513	-0.569	-0.482	0.087	-15.30%	2.90%
1E+12	514	-0.568	-0.482	0.087	-15.27%	2.89%
0	356	-0.570	-0.479	0.090	-15.80%	3.00%
Max		-0.568	-0.479	0.090	-15.14%	3.00%
Average		-0.569	-0.481	0.087	-15.38%	2.92%
Min		-0.570	-0.482	0.086	-15.80%	2.87%
Std Dev		0.001	0.001	0.002	0.29%	0.06%

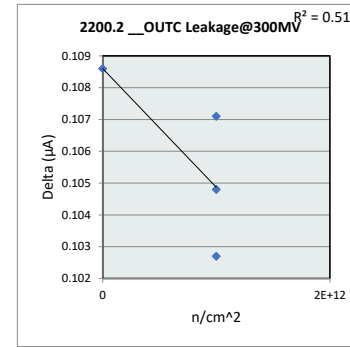


2200.1 __OUTB Leakage@300MV		
Test Site		
Tester		
Test Number		
Max Limit	1.5	μA
Min Limit	-1.5	μA
n/cm^2	0	1E+12
LL	-1.500	-1.500
Min	-0.480	-0.482
Average	-0.480	-0.482
Max	-0.480	-0.482
UL	1.500	1.500

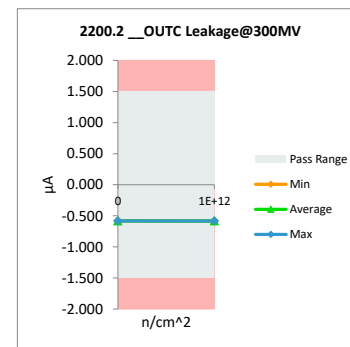


NDD Report UC1875-SP

2200.2 __OUTC Leakage@300MV						
Test Site						
Tester						
Test Number						
Unit		μA	μA			
Max Limit		1.5	1.5			
Min Limit		-1.5	-1.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.686	-0.584	0.103	-14.96%	3.42%
1E+12	513	-0.691	-0.584	0.107	-15.49%	3.57%
1E+12	514	-0.688	-0.584	0.105	-15.22%	3.49%
0	356	-0.691	-0.582	0.109	-15.72%	3.62%
Max		-0.686	-0.582	0.109	-14.96%	3.62%
Average		-0.689	-0.583	0.106	-15.35%	3.53%
Min		-0.691	-0.584	0.103	-15.72%	3.42%
Std Dev		0.002	0.001	0.003	0.33%	0.09%

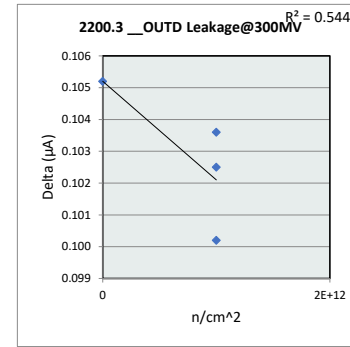


2200.2 __OUTC Leakage@300MV		
Test Site		
Tester		
Test Number		
Max Limit	1.5	μA
Min Limit	-1.5	μA
n/cm^2	0	1E+12
LL	-1.500	-1.500
Min	-0.582	-0.584
Average	-0.582	-0.584
Max	-0.582	-0.584
UL	1.500	1.500

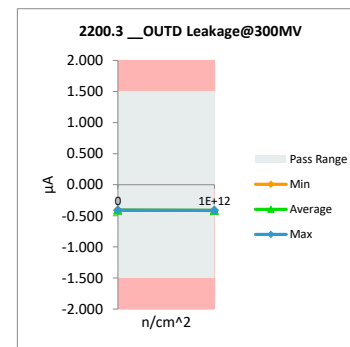


NDD Report UC1875-SP

2200.3 __OUTD Leakage@300MV						
Test Site						
Tester						
Test Number						
Unit		µA	µA			
Max Limit		1.5	1.5			
Min Limit		-1.5	-1.5			
n/cm^2	Serial #	pre	post	Delta	Delta %	% of Limit Range
1E+12	511	-0.514	-0.414	0.100	-19.49%	3.34%
1E+12	513	-0.517	-0.413	0.104	-20.04%	3.45%
1E+12	514	-0.516	-0.414	0.102	-19.86%	3.42%
0	356	-0.515	-0.410	0.105	-20.42%	3.51%
	Max	-0.514	-0.410	0.105	-19.49%	3.51%
	Average	-0.516	-0.413	0.103	-19.96%	3.43%
	Min	-0.517	-0.414	0.100	-20.42%	3.34%
	Std Dev	0.001	0.002	0.002	0.38%	0.07%



2200.3 __OUTD Leakage@300MV		
Test Site		
Tester		
Test Number		
Max Limit	1.5	µA
Min Limit	-1.5	µA
n/cm^2	0	1E+12
LL	-1.500	-1.500
Min	-0.410	-0.414
Average	-0.410	-0.414
Max	-0.410	-0.413
UL	1.500	1.500



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