

**Texas  
Instruments  
Incorporated**



**UC1843-SP  
5962-8670410VPA**

# **Radiation Test Report**

**TI Proprietary Data**

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Contact: [hirelmarketing@ti.com](mailto:hirelmarketing@ti.com)

# Texas Instruments Incorporated

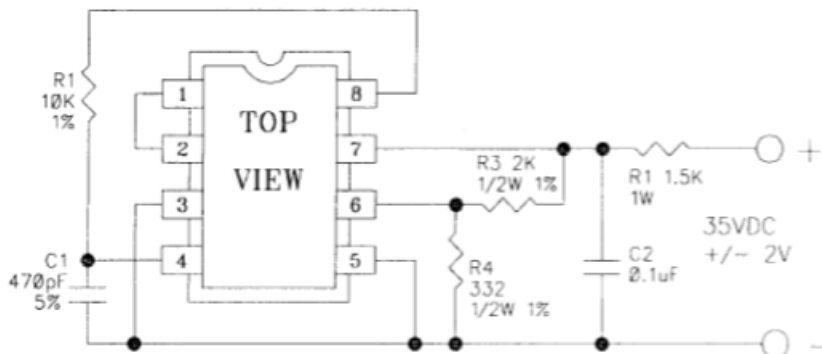


## Radiation Summary Report

### Device Information:

Device: UC1843-SP (5962-8670410VPA)  
Assembly Lot#: 9016624ALP  
Die Name: SMGNRAC1843VS  
Wafer Lot Number: 9204435SH  
Package Type: 8-pin JG  
Manufacturer: Texas Instruments, Inc.  
Controlling Specification: UC1843-SP / SLUS981

### Bias Circuit: Biased and Un-Biased



Low Dose Rate Radiation Source: Aeroflex Radiation Assured Devices (RAD) in its Colorado Springs, CO facility using Co-60 gamma ray source

Low Dose Rate: 0.01 RAD (Si)/sec,  
Biased Units: 409-423, Unbiased Units: 424-437

Disposition: Passes 50 kRAD

### Summary:

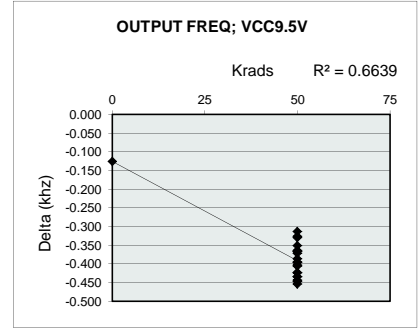
Passes Room Temp @ TID: Pre-Rad, Post 50 kRAD  
LDR Report: UC1843, Delta Threshold = 10%  
5962-8670409VPA and 5962-8670410VPA utilize low-dose rate improved process.

LDR Report  
UC1843-SP

**OUTPUT FREQ: VCC9.5V**

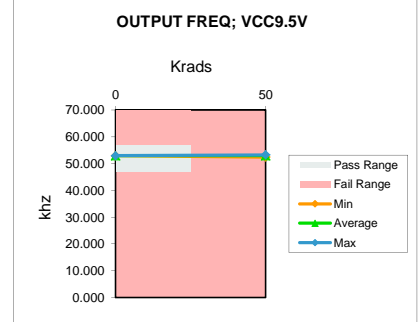
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	khz	khz
Max Limit	57	57
Min Limit	47	47

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	52.566	52.952	-0.386	-0.73%	3.86%
50	410	52.879	53.245	-0.366	-0.69%	3.66%
50	411	52.907	53.273	-0.366	-0.69%	3.66%
50	412	52.626	53.029	-0.403	-0.77%	4.03%
50	413	52.444	52.807	-0.363	-0.69%	3.63%
50	414	52.172	52.543	-0.372	-0.71%	3.72%
50	418	52.651	53.001	-0.351	-0.67%	3.51%
50	421	52.107	52.433	-0.326	-0.63%	3.26%
50	422	52.514	52.844	-0.330	-0.63%	3.30%
50	423	52.914	53.227	-0.313	-0.59%	3.13%
50	424	52.416	52.812	-0.396	-0.76%	3.96%
50	427	52.611	53.035	-0.424	-0.81%	4.24%
50	429	52.578	53.012	-0.434	-0.82%	4.34%
50	431	52.671	53.066	-0.395	-0.75%	3.95%
50	432	52.399	52.833	-0.434	-0.83%	4.34%
50	433	52.609	53.052	-0.443	-0.84%	4.43%
50	434	52.473	52.879	-0.406	-0.77%	4.06%
50	435	52.718	53.165	-0.447	-0.85%	4.47%
50	436	52.758	53.181	-0.423	-0.80%	4.23%
50	437	52.134	52.588	-0.454	-0.87%	4.54%
0	442	52.852	52.978	-0.126	-0.24%	1.26%
Max		52.914	53.273	-0.126	-0.24%	4.54%
Average		52.571	52.950	-0.379	-0.72%	3.79%
Min		52.107	52.433	-0.454	-0.87%	1.26%
Std Dev		0.238	0.229	0.071	0.14%	0.71%



**OUTPUT FREQ: VCC9.5V**

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	57 khz
Min Limit	47 khz
Krads	0 50
LL	47.000 47.000
Min	52.978 52.433
Average	52.978 52.949
Max	52.978 53.273
UL	57.000 57.000

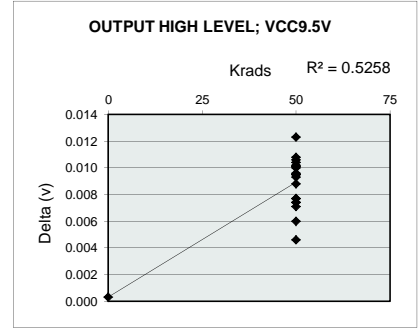


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**OUTPUT HIGH LEVEL; VCC9.5V**

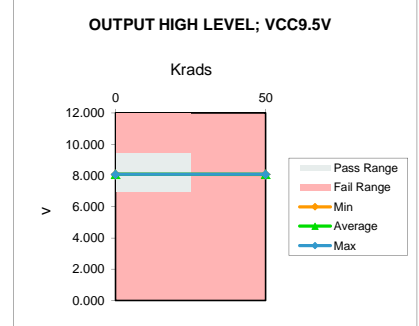
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	9.5	9.5
Min Limit	7	7

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	8.079	8.072	0.007	0.09%	0.30%
50	410	8.083	8.076	0.008	0.10%	0.31%
50	411	8.081	8.070	0.011	0.13%	0.43%
50	412	8.081	8.071	0.011	0.13%	0.42%
50	413	8.081	8.068	0.012	0.15%	0.49%
50	414	8.083	8.073	0.009	0.12%	0.38%
50	418	8.080	8.071	0.010	0.12%	0.38%
50	421	8.084	8.077	0.007	0.09%	0.30%
50	422	8.081	8.071	0.010	0.13%	0.42%
50	423	8.084	8.080	0.005	0.06%	0.18%
50	424	8.083	8.073	0.010	0.13%	0.41%
50	427	8.084	8.077	0.007	0.09%	0.28%
50	429	8.081	8.071	0.010	0.12%	0.38%
50	431	8.083	8.076	0.008	0.10%	0.31%
50	432	8.080	8.074	0.006	0.07%	0.24%
50	433	8.080	8.071	0.010	0.12%	0.38%
50	434	8.083	8.073	0.010	0.12%	0.40%
50	435	8.082	8.073	0.009	0.11%	0.35%
50	436	8.079	8.070	0.009	0.12%	0.37%
50	437	8.081	8.071	0.010	0.12%	0.40%
0	442	8.080	8.079	0.000	0.00%	0.01%
Max		8.084	8.080	0.012	0.15%	0.49%
Average		8.082	8.073	0.009	0.11%	0.34%
Min		8.079	8.068	0.000	0.00%	0.01%
Std Dev		0.002	0.003	0.003	0.03%	0.10%



**OUTPUT HIGH LEVEL; VCC9.5V**

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	9.5 v
Min Limit	7 v
Krads	0 50
LL	7.000 7.000
Min	8.079 8.068
Average	8.079 8.073
Max	8.079 8.080
UL	9.500 9.500

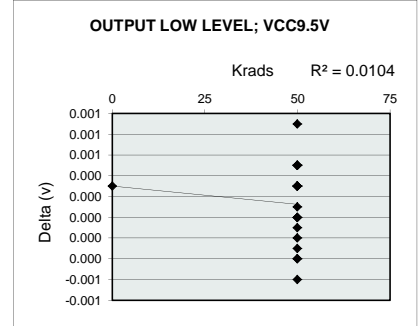


LDR Report  
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**OUTPUT LOW LEVEL; VCC9.5V**

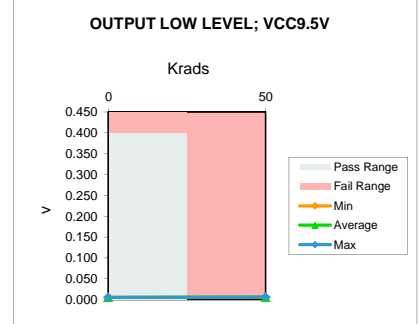
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	0.4	0.4
Min Limit	0	0

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.006	0.005	0.000	5.36%	0.07%
50	410	0.005	0.006	0.000	-7.69%	0.10%
50	411	0.005	0.005	0.000	-1.92%	0.02%
50	412	0.006	0.005	0.001	15.52%	0.22%
50	413	0.005	0.005	0.000	5.77%	0.07%
50	414	0.006	0.006	0.000	-3.57%	0.05%
50	418	0.005	0.005	0.001	9.62%	0.13%
50	421	0.006	0.005	0.001	8.62%	0.13%
50	422	0.005	0.006	-0.001	-11.54%	0.15%
50	423	0.006	0.006	0.000	0.00%	0.00%
50	424	0.006	0.006	0.000	1.75%	0.03%
50	427	0.006	0.005	0.000	5.36%	0.07%
50	429	0.006	0.005	0.001	8.77%	0.13%
50	431	0.006	0.006	0.000	0.00%	0.00%
50	432	0.005	0.005	0.000	5.77%	0.07%
50	433	0.006	0.005	0.001	8.62%	0.13%
50	434	0.006	0.006	0.000	-5.36%	0.08%
50	435	0.005	0.005	0.000	-8.16%	0.10%
50	436	0.006	0.006	0.000	0.00%	0.00%
50	437	0.005	0.005	0.000	5.77%	0.07%
0	442	0.005	0.005	0.000	5.77%	0.07%
Max		0.006	0.006	0.001	15.52%	0.22%
Average		0.005	0.005	0.000	2.31%	0.08%
Min		0.005	0.005	-0.001	-11.54%	0.00%
Std Dev		0.000	0.000	0.000	6.87%	0.06%



**OUTPUT LOW LEVEL; VCC9.5V**

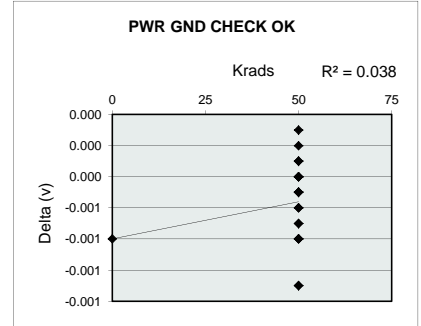
Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	0.4 v
Min Limit	0 v
Krads	0 50
LL	0.000 0.000
Min	0.005 0.005
Average	0.005 0.005
Max	0.005 0.006
UL	0.400 0.400



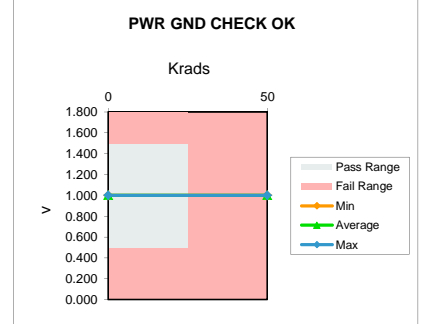
LDR Report  
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PWR GND CHECK OK		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	1.5	1.5
Min Limit	0.5	0.5

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	1.000	1.000	0.000	-0.04%	0.04%
50	410	1.000	1.000	-0.001	-0.08%	0.08%
50	411	1.000	1.001	-0.001	-0.08%	0.08%
50	412	1.000	1.000	-0.001	-0.06%	0.06%
50	413	1.000	1.000	0.000	-0.01%	0.01%
50	414	1.000	1.001	-0.001	-0.08%	0.08%
50	418	1.000	1.000	-0.001	-0.05%	0.05%
50	421	1.000	1.000	-0.001	-0.07%	0.07%
50	422	1.000	1.000	0.000	-0.02%	0.02%
50	423	1.000	1.000	0.000	-0.04%	0.04%
50	424	1.000	1.000	0.000	-0.03%	0.03%
50	427	1.000	1.000	0.000	-0.04%	0.04%
50	429	1.000	1.000	0.000	-0.04%	0.04%
50	431	1.000	1.000	-0.001	-0.06%	0.06%
50	432	1.000	1.000	-0.001	-0.05%	0.05%
50	433	0.999	1.000	-0.001	-0.11%	0.11%
50	434	0.999	1.001	-0.001	-0.11%	0.11%
50	435	1.000	1.000	0.000	-0.03%	0.03%
50	436	1.000	1.001	-0.001	-0.07%	0.07%
50	437	1.000	1.001	0.000	-0.05%	0.05%
0	442	1.000	1.000	-0.001	-0.08%	0.08%
Max		1.000	1.001	0.000	-0.01%	0.11%
Average		1.000	1.000	-0.001	-0.06%	0.06%
Min		0.999	1.000	-0.001	-0.11%	0.01%
Std Dev		0.000	0.000	0.000	0.03%	0.03%



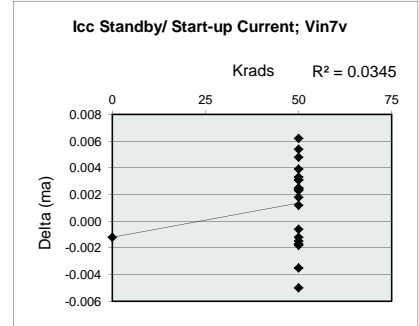
PWR GND CHECK OK		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	1.5	v
Min Limit	0.5	v
Krads	0	50
LL	0.500	0.500
Min	1.001	1.000
Average	1.001	1.000
Max	1.001	1.001
UL	1.500	1.500



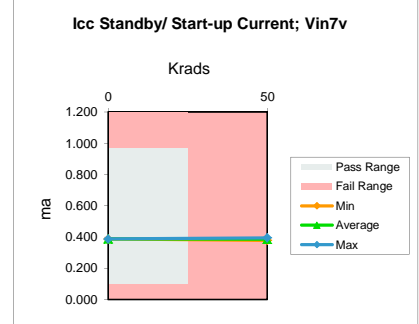
LDR Report  
UC1843-SP

Icc Standby/ Start-up Current: V		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	0.97	0.97
Min Limit	0.1	0.1

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.387	0.384	0.002	0.65%	0.29%
50	410	0.388	0.386	0.003	0.64%	0.29%
50	411	0.382	0.384	-0.002	-0.47%	0.21%
50	412	0.387	0.382	0.005	1.24%	0.55%
50	413	0.387	0.388	-0.002	-0.39%	0.17%
50	414	0.382	0.378	0.003	0.87%	0.38%
50	418	0.386	0.380	0.006	1.60%	0.71%
50	421	0.386	0.384	0.002	0.62%	0.28%
50	422	0.394	0.394	-0.001	-0.15%	0.07%
50	423	0.387	0.382	0.005	1.39%	0.62%
50	424	0.380	0.382	-0.002	-0.45%	0.20%
50	427	0.384	0.383	0.001	0.31%	0.14%
50	429	0.384	0.382	0.002	0.47%	0.21%
50	431	0.387	0.385	0.002	0.59%	0.26%
50	432	0.384	0.380	0.004	1.01%	0.45%
50	433	0.386	0.383	0.003	0.80%	0.36%
50	434	0.387	0.389	-0.001	-0.31%	0.14%
50	435	0.389	0.394	-0.005	-1.29%	0.57%
50	436	0.385	0.389	-0.003	-0.91%	0.40%
50	437	0.397	0.394	0.003	0.78%	0.36%
0	442	0.386	0.387	-0.001	-0.31%	0.14%
Max		0.397	0.394	0.006	1.60%	0.71%
Average		0.386	0.385	0.001	0.32%	0.32%
Min		0.380	0.378	-0.005	-1.29%	0.07%
Std Dev		0.004	0.005	0.003	0.78%	0.18%



Icc Standby/ Start-up Current:		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	0.97	ma
Min Limit	0.1	ma
	0	50
LL	0.100	0.100
Min	0.387	0.378
Average	0.387	0.385
Max	0.387	0.394
UL	0.970	0.970

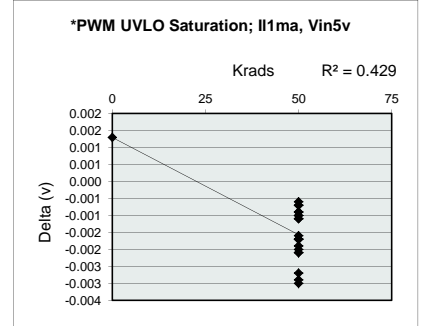


LDR Report  
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**\*PWM UVLO Saturation; I11ma, Vin5v**

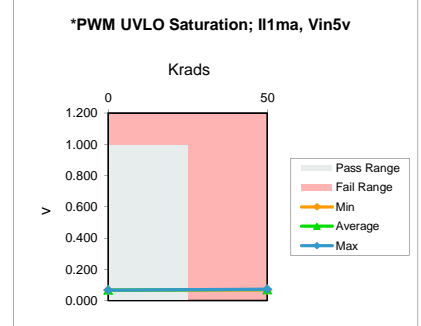
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	1	1
Min Limit	0.005	0.005

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.068	0.069	-0.001	-1.02%	0.07%
50	410	0.068	0.069	-0.001	-1.63%	0.11%
50	411	0.069	0.070	-0.001	-1.46%	0.10%
50	412	0.069	0.070	-0.001	-1.31%	0.09%
50	413	0.068	0.068	-0.001	-0.88%	0.06%
50	414	0.068	0.071	-0.002	-3.07%	0.21%
50	418	0.069	0.069	-0.001	-1.02%	0.07%
50	421	0.066	0.067	-0.001	-1.67%	0.11%
50	422	0.067	0.068	-0.001	-1.34%	0.09%
50	423	0.068	0.069	-0.001	-1.48%	0.10%
50	424	0.068	0.070	-0.002	-2.35%	0.16%
50	427	0.068	0.069	-0.002	-2.52%	0.17%
50	429	0.069	0.071	-0.002	-2.45%	0.17%
50	431	0.067	0.069	-0.002	-2.53%	0.17%
50	432	0.070	0.072	-0.002	-2.73%	0.19%
50	433	0.069	0.072	-0.003	-4.32%	0.30%
50	434	0.067	0.070	-0.003	-4.01%	0.27%
50	435	0.067	0.069	-0.002	-3.15%	0.21%
50	436	0.068	0.071	-0.003	-4.25%	0.29%
50	437	0.067	0.069	-0.002	-3.00%	0.20%
0	442	0.068	0.067	0.001	1.91%	0.13%
Max		0.070	0.072	0.001	1.91%	0.30%
Average		0.068	0.069	-0.001	-2.11%	0.16%
Min		0.066	0.067	-0.003	-4.32%	0.06%
Std Dev		0.001	0.001	0.001	1.40%	0.07%



**\*PWM UVLO Saturation; I11ma**

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	1
Min Limit	0.005
Unit	v
Krads	0
LL	0.005
Min	0.067
Average	0.067
Max	0.067
UL	1.000



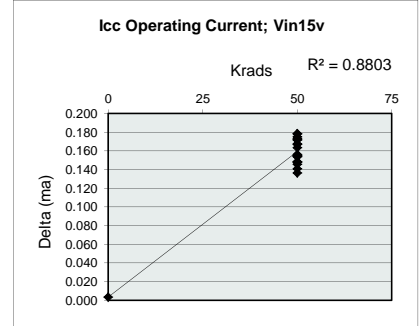


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Icc Operating Current; Vin15v

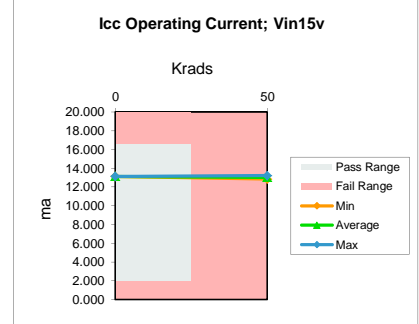
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	16.6	16.6
Min Limit	2	2

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	13.270	13.099	0.172	1.29%	1.17%
50	410	13.008	12.853	0.155	1.19%	1.06%
50	411	13.172	12.999	0.173	1.32%	1.19%
50	412	13.040	12.877	0.163	1.25%	1.12%
50	413	13.253	13.086	0.167	1.26%	1.14%
50	414	13.121	12.942	0.179	1.36%	1.22%
50	418	13.173	13.005	0.168	1.27%	1.15%
50	421	13.333	13.158	0.175	1.31%	1.20%
50	422	13.210	13.038	0.172	1.30%	1.18%
50	423	13.074	12.896	0.178	1.36%	1.22%
50	424	13.159	13.018	0.141	1.07%	0.96%
50	427	13.204	13.056	0.148	1.12%	1.02%
50	429	13.207	13.051	0.156	1.18%	1.07%
50	431	13.139	12.991	0.148	1.12%	1.01%
50	432	13.126	12.978	0.148	1.13%	1.02%
50	433	13.197	13.052	0.146	1.10%	1.00%
50	434	13.143	13.006	0.137	1.04%	0.93%
50	435	13.372	13.218	0.154	1.15%	1.05%
50	436	13.325	13.170	0.155	1.16%	1.06%
50	437	13.349	13.195	0.154	1.15%	1.05%
0	442	13.132	13.129	0.003	0.03%	0.02%
Max		13.372	13.218	0.179	1.36%	1.22%
Average		13.191	13.039	0.152	1.15%	1.04%
Min		13.008	12.853	0.003	0.03%	0.02%
Std Dev		0.099	0.101	0.036	0.28%	0.25%



Icc Operating Current; Vin15v

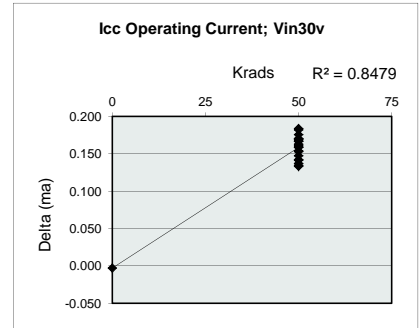
Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	16.6 ma
Min Limit	2 ma
Krads	0 50
LL	2.000 2.000
Min	13.129 12.853
Average	13.129 13.034
Max	13.129 13.218
UL	16.600 16.600



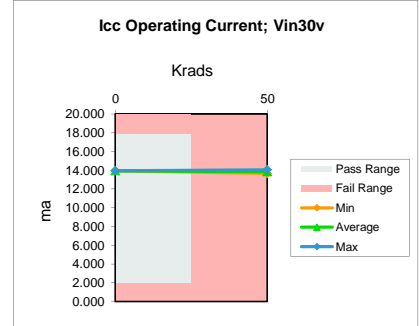
LDR Report  
UC1843-SP

Icc Operating Current; Vin30v		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	17.9	17.9
Min Limit	2	2

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	14.109	13.939	0.170	1.21%	1.07%
50	410	13.828	13.665	0.163	1.18%	1.02%
50	411	13.990	13.831	0.159	1.13%	1.00%
50	412	13.865	13.698	0.167	1.20%	1.05%
50	413	14.086	13.916	0.170	1.21%	1.07%
50	414	13.938	13.756	0.182	1.31%	1.14%
50	418	13.984	13.825	0.159	1.14%	1.00%
50	421	14.150	13.974	0.175	1.24%	1.10%
50	422	14.043	13.876	0.167	1.19%	1.05%
50	423	13.902	13.718	0.184	1.32%	1.16%
50	424	13.969	13.835	0.135	0.96%	0.85%
50	427	14.018	13.881	0.137	0.98%	0.86%
50	429	14.044	13.891	0.153	1.09%	0.96%
50	431	13.958	13.816	0.142	1.02%	0.89%
50	432	13.942	13.795	0.147	1.06%	0.93%
50	433	14.025	13.883	0.142	1.01%	0.89%
50	434	13.958	13.825	0.133	0.95%	0.84%
50	435	14.211	14.057	0.154	1.08%	0.97%
50	436	14.164	13.995	0.169	1.19%	1.06%
50	437	14.201	14.040	0.161	1.13%	1.01%
0	442	13.956	13.959	-0.003	-0.02%	0.02%
Max		14.211	14.057	0.184	1.32%	1.16%
Average		14.016	13.865	0.151	1.08%	0.95%
Min		13.828	13.665	-0.003	-0.02%	0.02%
Std Dev		0.106	0.107	0.038	0.27%	0.23%



Icc Operating Current; Vin30v		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	17.9	ma
Min Limit	2	ma
Krads	0	50
LL	2.000	2.000
Min	13.959	13.665
Average	13.959	13.861
Max	13.959	14.057
UL	17.900	17.900

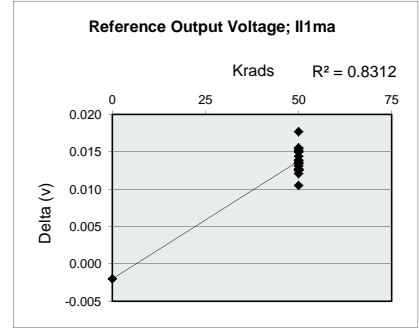


LDR Report  
UC1843-SP

Reference Output Voltage: I11ma

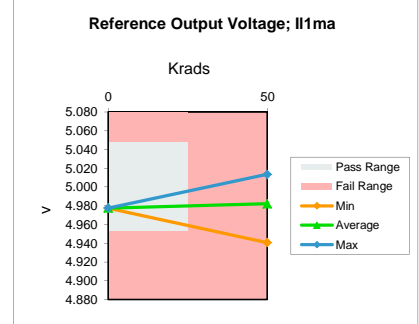
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	5.048	5.048
Min Limit	4.954	4.954

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	5.017	5.004	0.012	0.25%	13.30%
50	410	4.963	4.950	0.012	0.25%	13.30%
50	411	5.017	5.002	0.015	0.30%	16.17%
50	412	4.978	4.965	0.013	0.26%	13.51%
50	413	5.019	5.004	0.015	0.30%	15.96%
50	414	4.982	4.967	0.016	0.31%	16.49%
50	418	5.005	4.991	0.013	0.27%	14.26%
50	421	5.028	5.014	0.014	0.28%	14.79%
50	422	4.960	4.947	0.014	0.28%	14.68%
50	423	4.955	4.941	0.014	0.29%	15.32%
50	424	4.993	4.983	0.010	0.21%	11.17%
50	427	5.023	5.010	0.013	0.25%	13.51%
50	429	5.002	4.989	0.014	0.27%	14.36%
50	431	4.976	4.963	0.013	0.26%	13.94%
50	432	5.002	4.989	0.014	0.27%	14.36%
50	433	5.011	4.998	0.013	0.25%	13.40%
50	434	4.979	4.967	0.012	0.24%	12.87%
50	435	5.016	5.001	0.015	0.30%	15.96%
50	436	4.992	4.976	0.016	0.31%	16.49%
50	437	4.999	4.981	0.018	0.35%	18.83%
0	442	4.976	4.978	-0.002	-0.04%	2.13%
Max		5.028	5.014	0.018	0.35%	18.83%
Average		4.995	4.982	0.013	0.26%	14.04%
Min		4.955	4.941	-0.002	-0.04%	2.13%
Std Dev		0.022	0.021	0.004	0.08%	3.19%



Reference Output Voltage; I11ma

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	5.048 v
Min Limit	4.954 v
Krads	0 50
LL	4.954 4.954
Min	4.978 4.941
Average	4.978 4.982
Max	4.978 5.014
UL	5.048 5.048

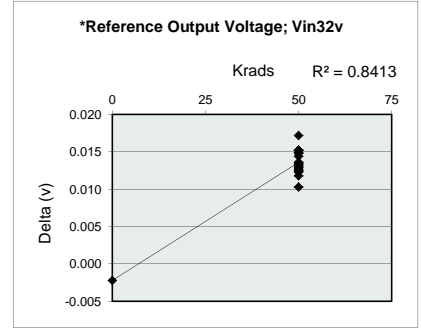


LDR Report  
UC1843-SP

\*Reference Output Voltage; Vin3

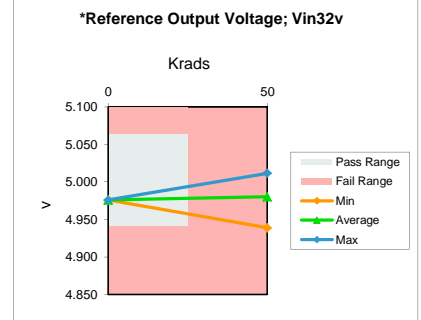
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	5.065	5.065
Min Limit	4.942	4.942

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	5.015	5.002	0.013	0.25%	10.33%
50	410	4.961	4.949	0.012	0.25%	10.16%
50	411	5.015	5.001	0.015	0.30%	12.11%
50	412	4.976	4.963	0.013	0.26%	10.49%
50	413	5.017	5.002	0.015	0.30%	12.36%
50	414	4.981	4.966	0.015	0.31%	12.36%
50	418	5.003	4.989	0.014	0.27%	11.06%
50	421	5.025	5.012	0.014	0.27%	11.06%
50	422	4.958	4.945	0.013	0.27%	10.73%
50	423	4.953	4.939	0.014	0.29%	11.71%
50	424	4.991	4.981	0.010	0.21%	8.37%
50	427	5.021	5.008	0.012	0.25%	10.08%
50	429	5.000	4.987	0.013	0.27%	10.89%
50	431	4.974	4.961	0.013	0.26%	10.57%
50	432	5.000	4.987	0.013	0.27%	10.81%
50	433	5.009	4.997	0.012	0.25%	10.00%
50	434	4.977	4.966	0.012	0.24%	9.59%
50	435	5.015	5.000	0.015	0.30%	12.03%
50	436	4.990	4.975	0.015	0.30%	12.36%
50	437	4.997	4.979	0.017	0.34%	13.98%
0	442	4.974	4.976	-0.002	-0.04%	1.79%
Max		5.025	5.012	0.017	0.34%	13.98%
Average		4.993	4.980	0.013	0.26%	10.61%
Min		4.953	4.939	-0.002	-0.04%	1.79%
Std Dev		0.022	0.021	0.004	0.08%	2.36%



\*Reference Output Voltage; Vin32v

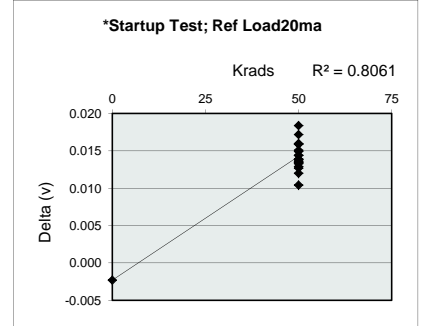
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	5.065	v
Min Limit	4.942	v
Krads	0	50
LL	4.942	4.942
Min	4.976	4.939
Average	4.976	4.980
Max	4.976	5.012
UL	5.065	5.065



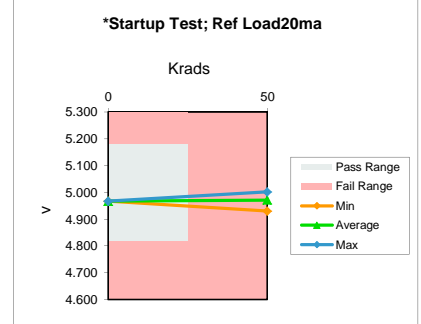
LDR Report  
UC1843-SP

*Startup Test; Ref Load20ma		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	5.18	5.18
Min Limit	4.82	4.82

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	5.007	4.994	0.013	0.25%	3.53%
50	410	4.952	4.939	0.014	0.27%	3.78%
50	411	5.007	4.991	0.016	0.32%	4.42%
50	412	4.967	4.954	0.013	0.27%	3.69%
50	413	5.009	4.992	0.016	0.32%	4.44%
50	414	4.972	4.956	0.016	0.32%	4.42%
50	418	4.994	4.980	0.014	0.28%	3.86%
50	421	5.016	5.002	0.014	0.29%	4.00%
50	422	4.950	4.935	0.015	0.30%	4.14%
50	423	4.944	4.930	0.014	0.29%	4.00%
50	424	4.983	4.972	0.010	0.21%	2.89%
50	427	5.013	4.999	0.014	0.28%	3.83%
50	429	4.991	4.978	0.014	0.28%	3.86%
50	431	4.965	4.952	0.013	0.27%	3.72%
50	432	4.991	4.978	0.013	0.27%	3.72%
50	433	5.000	4.987	0.013	0.26%	3.58%
50	434	4.968	4.956	0.012	0.24%	3.33%
50	435	5.006	4.991	0.015	0.30%	4.19%
50	436	4.982	4.965	0.017	0.35%	4.78%
50	437	4.989	4.970	0.018	0.37%	5.11%
0	442	4.965	4.967	-0.002	-0.05%	0.64%
Max		5.016	5.002	0.018	0.37%	5.11%
Average		4.984	4.971	0.013	0.27%	3.81%
Min		4.944	4.930	-0.002	-0.05%	0.64%
Std Dev		0.022	0.021	0.004	0.08%	0.88%



*Startup Test; Ref Load20ma		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	5.18	v
Min Limit	4.82	v
Krads	0	50
LL	4.820	4.820
Min	4.967	4.930
Average	4.967	4.971
Max	4.967	5.002
UL	5.180	5.180

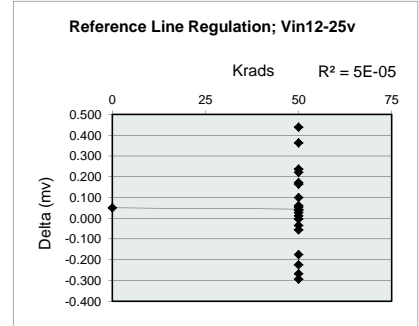


LDR Report  
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Reference Line Regulation: Vin12

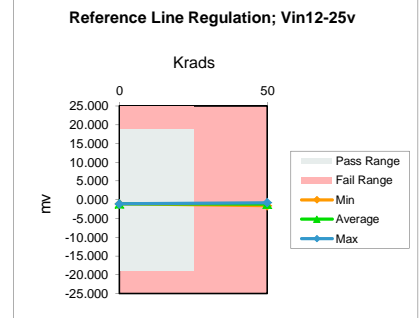
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	mv	mv
Max Limit	18.9	18.9
Min Limit	-18.9	-18.9

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-1.087	-1.148	0.061	-5.64%	0.16%
50	410	-0.992	-1.045	0.054	-5.42%	0.14%
50	411	-0.961	-1.324	0.363	-37.74%	0.96%
50	412	-1.236	-1.408	0.172	-13.92%	0.46%
50	413	-1.350	-1.377	0.027	-2.01%	0.07%
50	414	-0.797	-0.896	0.099	-12.47%	0.26%
50	418	-1.304	-1.343	0.038	-2.95%	0.10%
50	421	-1.106	-1.545	0.439	-39.70%	1.16%
50	422	-1.159	-0.893	-0.267	23.01%	0.71%
50	423	-1.213	-1.179	-0.034	2.80%	0.09%
50	424	-1.331	-1.343	0.012	-0.89%	0.03%
50	427	-1.018	-1.061	0.042	-4.15%	0.11%
50	429	-1.178	-1.343	0.164	-13.94%	0.43%
50	431	-1.068	-1.011	-0.057	5.33%	0.15%
50	432	-1.354	-1.591	0.237	-17.50%	0.63%
50	433	-1.175	-0.999	-0.175	14.92%	0.46%
50	434	-1.190	-1.186	-0.003	0.29%	0.01%
50	435	-1.102	-0.809	-0.293	26.62%	0.78%
50	436	-1.011	-0.786	-0.225	22.24%	0.59%
50	437	-1.197	-1.419	0.222	-18.50%	0.59%
0	442	-1.030	-1.079	0.050	-4.84%	0.13%
Max		-0.797	-0.786	0.439	26.62%	1.16%
Average		-1.136	-1.180	0.044	-4.02%	0.38%
Min		-1.354	-1.591	-0.293	-39.70%	0.01%
Std Dev		0.142	0.236	0.189	17.26%	0.33%



Reference Line Regulation: Vin

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	18.9 mv
Min Limit	-18.9 mv
Krads	0 50
LL	-18.900 -18.900
Min	-1.080 -1.591
Average	-1.080 -1.185
Max	-1.080 -0.786
UL	18.900 18.900

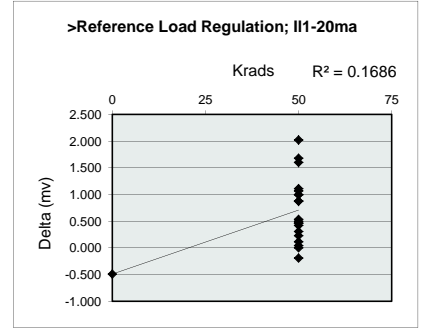


LDR Report  
UC1843-SP

>Reference Load Regulation; II1-

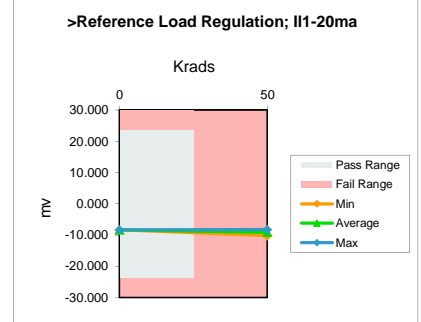
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	mv	mv
Max Limit	23.6	23.6
Min Limit	-23.6	-23.6

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-8.276	-8.392	0.117	-1.41%	0.25%
50	410	-8.619	-9.613	0.994	-11.53%	2.11%
50	411	-8.542	-8.850	0.307	-3.60%	0.65%
50	412	-8.847	-9.308	0.460	-5.20%	0.97%
50	413	-8.542	-9.041	0.498	-5.83%	1.06%
50	414	-8.352	-8.888	0.536	-6.42%	1.14%
50	418	-8.847	-9.308	0.460	-5.20%	0.97%
50	421	-8.314	-9.918	1.604	-19.30%	3.40%
50	422	-8.542	-10.223	1.681	-19.67%	3.56%
50	423	-8.237	-8.278	0.040	-0.49%	0.09%
50	424	-8.771	-8.583	-0.188	2.15%	0.40%
50	427	-8.428	-9.308	0.880	-10.44%	1.86%
50	429	-8.199	-9.308	1.108	-13.52%	2.35%
50	431	-8.657	-8.659	0.002	-0.03%	0.01%
50	432	-8.352	-9.422	1.070	-12.82%	2.27%
50	433	-8.276	-9.155	0.880	-10.63%	1.86%
50	434	-8.542	-8.964	0.422	-4.94%	0.89%
50	435	-8.847	-9.079	0.231	-2.61%	0.49%
50	436	-7.780	-9.804	2.024	-26.01%	4.29%
50	437	-7.970	-8.964	0.994	-12.47%	2.11%
0	442	-8.847	-8.354	-0.493	5.58%	1.05%
Max		-7.780	-8.278	2.024	5.58%	4.29%
Average		-8.466	-9.115	0.649	-7.83%	1.51%
Min		-8.847	-10.223	-0.493	-26.01%	0.01%
Std Dev		0.293	0.515	0.637	7.80%	1.19%



>Reference Load Regulation; I

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	23.6	mv
Min Limit	-23.6	mv
Krads	0	50
LL	-23.600	-23.600
Min	-8.354	-10.223
Average	-8.354	-9.153
Max	-8.354	-8.278
UL	23.600	23.600

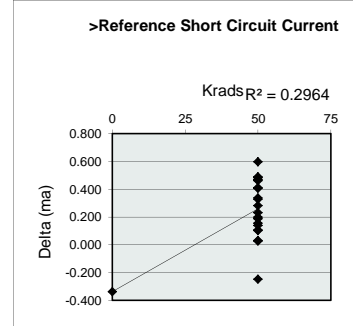


LDR Report  
UC1843-SP

>Reference Short Circuit Current

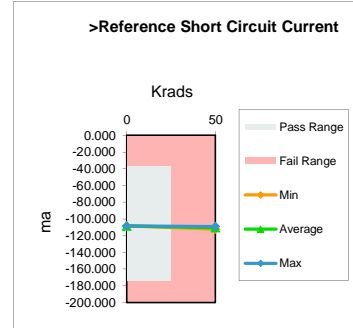
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	-36	-36
Min Limit	-174	-174

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-109.873	-110.028	0.155	-0.14%	0.11%
50	410	-112.192	-112.220	0.027	-0.02%	0.02%
50	411	-110.706	-111.177	0.471	-0.43%	0.34%
50	412	-109.460	-109.944	0.485	-0.44%	0.35%
50	413	-110.331	-110.929	0.598	-0.54%	0.43%
50	414	-109.631	-109.831	0.200	-0.18%	0.14%
50	418	-110.040	-110.376	0.337	-0.31%	0.24%
50	421	-111.592	-111.693	0.101	-0.09%	0.07%
50	422	-110.960	-111.371	0.411	-0.37%	0.30%
50	423	-111.613	-111.365	-0.248	0.22%	0.18%
50	424	-109.492	-109.899	0.407	-0.37%	0.29%
50	427	-111.265	-111.371	0.106	-0.10%	0.08%
50	429	-109.762	-109.994	0.232	-0.21%	0.17%
50	431	-110.388	-110.527	0.139	-0.13%	0.10%
50	432	-109.028	-109.059	0.031	-0.03%	0.02%
50	433	-109.972	-110.300	0.328	-0.30%	0.24%
50	434	-110.307	-110.796	0.489	-0.44%	0.35%
50	435	-111.536	-111.723	0.187	-0.17%	0.14%
50	436	-109.592	-109.875	0.283	-0.26%	0.21%
50	437	-110.783	-111.244	0.462	-0.42%	0.33%
0	442	-108.837	-108.500	-0.338	0.31%	0.24%
Max		-108.837	-108.500	0.598	0.31%	0.43%
Average		-110.350	-110.582	0.232	-0.21%	0.21%
Min		-112.192	-112.220	-0.338	-0.54%	0.02%
Std Dev		0.920	0.933	0.240	0.22%	0.12%



>Reference Short Circuit Current

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	-36	ma
Min Limit	-174	ma
Krads	0	50
LL	-174.000	-174.000
Min	-108.500	-112.220
Average	-108.500	-110.686
Max	-108.500	-109.059
UL	-36.000	-36.000



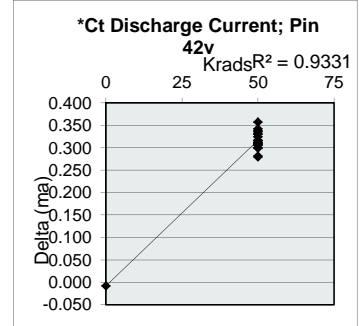


LDR Report  
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\*Ct Discharge Current; Pin 42v

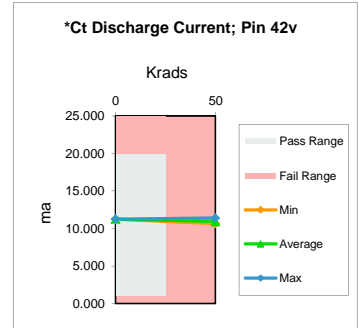
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	20	20
Min Limit	1	1

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	11.148	10.842	0.306	2.74%	1.61%
50	410	10.949	10.667	0.282	2.57%	1.48%
50	411	11.286	10.979	0.307	2.72%	1.62%
50	412	11.214	10.898	0.316	2.82%	1.66%
50	413	11.188	10.877	0.310	2.77%	1.63%
50	414	11.285	10.986	0.300	2.65%	1.58%
50	418	11.247	10.935	0.312	2.77%	1.64%
50	421	11.694	11.394	0.299	2.56%	1.58%
50	422	11.262	10.952	0.310	2.75%	1.63%
50	423	10.932	10.652	0.279	2.56%	1.47%
50	424	11.464	11.149	0.316	2.75%	1.66%
50	427	11.190	10.873	0.316	2.83%	1.67%
50	429	11.093	10.761	0.332	2.99%	1.75%
50	431	11.282	10.957	0.325	2.88%	1.71%
50	432	11.049	10.711	0.338	3.06%	1.78%
50	433	11.193	10.835	0.357	3.19%	1.88%
50	434	11.389	11.073	0.316	2.78%	1.66%
50	435	11.477	11.139	0.337	2.94%	1.78%
50	436	11.407	11.077	0.330	2.89%	1.74%
50	437	11.172	10.829	0.342	3.07%	1.80%
0	442	11.249	11.257	-0.008	-0.07%	0.04%
Max		11.694	11.394	0.357	3.19%	1.88%
Average		11.246	10.945	0.301	2.68%	1.59%
Min		10.932	10.652	-0.008	-0.07%	0.04%
Std Dev		0.177	0.189	0.073	0.65%	0.37%



\*Ct Discharge Current; Pin 42v

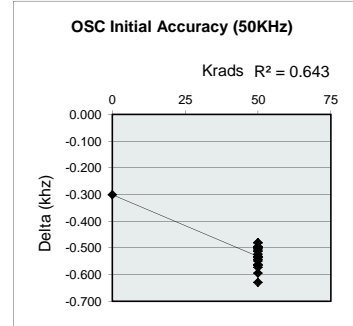
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	20	ma
Min Limit	1	ma
Krads	0	50
LL	1.000	1.000
Min	11.257	10.652
Average	11.257	10.929
Max	11.257	11.394
UL	20.000	20.000



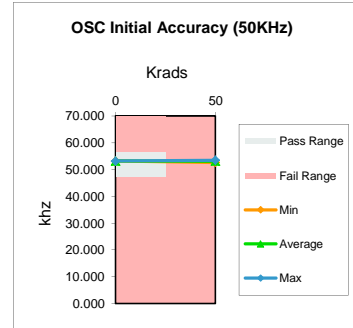
LDR Report  
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OSC Initial Accuracy (50KHz)		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	khz	khz
Max Limit	56.7	56.7
Min Limit	47.3	47.3

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	52.665	53.146	-0.481	-0.91%	5.12%
50	410	52.919	53.431	-0.513	-0.97%	5.45%
50	411	52.950	53.451	-0.501	-0.95%	5.33%
50	412	52.682	53.206	-0.524	-0.99%	5.57%
50	413	52.540	53.021	-0.480	-0.91%	5.11%
50	414	52.221	52.716	-0.495	-0.95%	5.27%
50	418	52.697	53.195	-0.498	-0.94%	5.29%
50	421	52.136	52.644	-0.508	-0.97%	5.40%
50	422	52.552	53.084	-0.532	-1.01%	5.66%
50	423	52.994	53.494	-0.500	-0.94%	5.31%
50	424	52.445	52.994	-0.549	-1.05%	5.84%
50	427	52.677	53.220	-0.543	-1.03%	5.78%
50	429	52.663	53.199	-0.536	-1.02%	5.70%
50	431	52.715	53.250	-0.535	-1.02%	5.69%
50	432	52.476	53.008	-0.532	-1.01%	5.66%
50	433	52.680	53.243	-0.563	-1.07%	5.99%
50	434	52.499	53.064	-0.566	-1.08%	6.02%
50	435	52.737	53.367	-0.630	-1.19%	6.70%
50	436	52.800	53.373	-0.572	-1.08%	6.09%
50	437	52.202	52.797	-0.594	-1.14%	6.32%
0	442	52.896	53.197	-0.301	-0.57%	3.20%
Max		52.994	53.494	-0.301	-0.57%	6.70%
Average		52.626	53.148	-0.521	-0.99%	5.55%
Min		52.136	52.644	-0.630	-1.19%	3.20%
Std Dev		0.238	0.230	0.063	0.12%	0.67%



OSC Initial Accuracy (50KHz)		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	56.7	khz
Min Limit	47.3	khz
Krads	0	50
LL	47.300	47.300
Min	53.197	52.644
Average	53.197	53.145
Max	53.197	53.494
UL	56.700	56.700

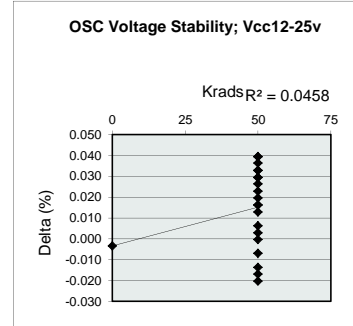


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OSC Voltage Stability; Vcc12-25v

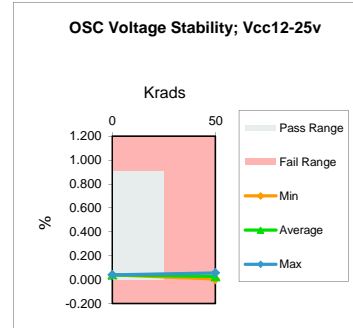
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	%	%
Max Limit	0.91	0.91
Min Limit	-0.001	-0.001

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.036	0.056	-0.020	-56.08%	2.23%
50	410	0.050	0.027	0.023	46.17%	2.51%
50	411	0.053	0.013	0.040	74.67%	4.34%
50	412	0.049	0.017	0.033	66.40%	3.60%
50	413	0.039	0.046	-0.007	-17.77%	0.77%
50	414	0.039	0.026	0.013	32.65%	1.41%
50	418	0.053	0.013	0.039	74.76%	4.32%
50	421	0.033	0.026	0.006	19.33%	0.69%
50	422	0.033	0.017	0.016	49.39%	1.78%
50	423	0.046	0.020	0.026	56.68%	2.89%
50	424	0.030	0.010	0.020	66.44%	2.15%
50	427	0.049	0.017	0.033	66.40%	3.60%
50	429	0.049	0.020	0.030	59.72%	3.24%
50	431	0.036	0.050	-0.014	-37.85%	1.50%
50	432	0.033	0.003	0.030	89.94%	3.24%
50	433	0.043	0.043	0.000	-0.93%	0.04%
50	434	0.030	0.013	0.016	54.92%	1.78%
50	435	0.040	0.003	0.036	91.67%	3.98%
50	436	0.030	0.047	-0.017	-57.24%	1.87%
50	437	0.033	0.030	0.003	8.90%	0.32%
0	442	0.036	0.040	-0.003	-9.62%	0.38%
Max		0.053	0.056	0.040	91.67%	4.34%
Average		0.040	0.026	0.014	32.31%	2.22%
Min		0.030	0.003	-0.020	-57.24%	0.04%
Std Dev		0.008	0.016	0.019	46.43%	1.35%



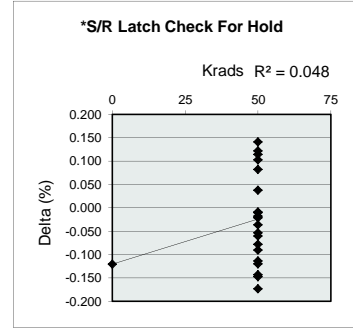
OSC Voltage Stability; Vcc12-25v

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	0.91 %
Min Limit	-0.001 %
Krads	0 50
LL	-0.001 -0.001
Min	0.040 0.003
Average	0.040 0.025
Max	0.040 0.057
UL	0.910 0.910

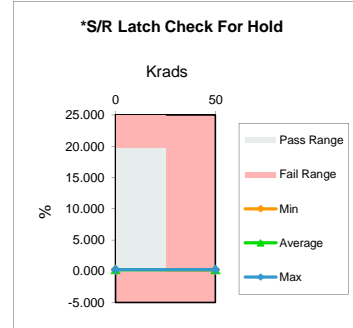


LDR Report  
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*S/R Latch Check For Hold						
Test Site	MMT	MTF				
Tester	LTX	LTX				
Test Number	XPM01302	XPM01302				
Unit	%	%				
Max Limit	19.8	19.8				
Min Limit	-0.001	-0.001				
Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.156	0.216	-0.060	-38.77%	0.31%
50	410	0.234	0.255	-0.021	-8.96%	0.11%
50	411	0.134	0.248	-0.114	-84.82%	0.58%
50	412	0.244	0.254	-0.010	-4.19%	0.05%
50	413	0.166	0.244	-0.078	-47.19%	0.39%
50	414	0.207	0.243	-0.036	-17.46%	0.18%
50	418	0.182	0.235	-0.054	-29.53%	0.27%
50	421	0.335	0.231	0.103	30.81%	0.52%
50	422	0.235	0.244	-0.009	-3.79%	0.04%
50	423	0.111	0.254	-0.143	-129.04%	0.72%
50	424	0.327	0.244	0.083	25.28%	0.42%
50	427	0.128	0.248	-0.120	-93.67%	0.61%
50	429	0.092	0.239	-0.147	-160.52%	0.74%
50	431	0.283	0.245	0.038	13.26%	0.19%
50	432	0.169	0.259	-0.090	-53.46%	0.46%
50	433	0.060	0.233	-0.173	-290.60%	0.87%
50	434	0.375	0.234	0.141	37.63%	0.71%
50	435	0.334	0.212	0.122	36.51%	0.62%
50	436	0.329	0.215	0.114	34.71%	0.58%
50	437	0.210	0.228	-0.018	-8.37%	0.09%
0	442	0.130	0.250	-0.121	-93.06%	0.61%
Max	0.375	0.259	0.141	37.63%	0.87%	
Average	0.211	0.240	-0.028	-42.15%	0.43%	
Min	0.060	0.212	-0.173	-290.60%	0.04%	
Std Dev	0.091	0.013	0.097	79.95%	0.25%	



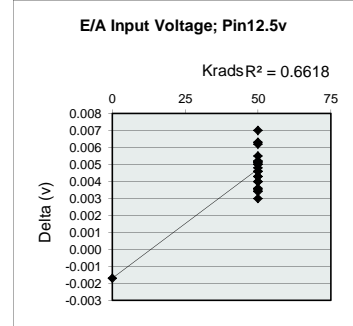
*S/R Latch Check For Hold		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	19.8	%
Min Limit	-0.001	%
Krads	0	50
LL	-0.001	-0.001
Min	0.250	0.212
Average	0.250	0.239
Max	0.250	0.259
UL	19.800	19.800



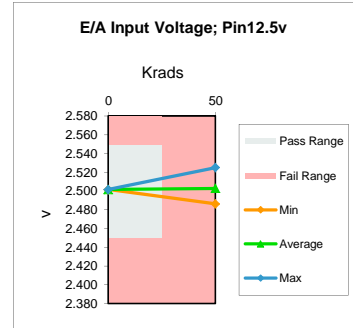
LDR Report  
UC1843-SP

E/A Input Voltage; Pin12.5v		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	2.55	2.55
Min Limit	2.45	2.45

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	2.506	2.503	0.003	0.14%	3.40%
50	410	2.491	2.487	0.003	0.14%	3.50%
50	411	2.511	2.507	0.005	0.18%	4.60%
50	412	2.494	2.491	0.003	0.12%	3.00%
50	413	2.511	2.507	0.005	0.19%	4.80%
50	414	2.512	2.507	0.005	0.20%	5.00%
50	418	2.506	2.501	0.004	0.16%	4.00%
50	421	2.519	2.515	0.004	0.17%	4.30%
50	422	2.490	2.486	0.004	0.16%	4.00%
50	423	2.504	2.499	0.005	0.18%	4.60%
50	424	2.504	2.500	0.004	0.14%	3.60%
50	427	2.530	2.525	0.005	0.22%	5.50%
50	429	2.507	2.502	0.005	0.21%	5.20%
50	431	2.497	2.492	0.005	0.20%	5.10%
50	432	2.514	2.509	0.005	0.20%	5.00%
50	433	2.515	2.510	0.005	0.21%	5.20%
50	434	2.497	2.492	0.004	0.17%	4.30%
50	435	2.528	2.522	0.006	0.25%	6.30%
50	436	2.508	2.501	0.006	0.25%	6.20%
50	437	2.506	2.499	0.007	0.28%	7.00%
0	442	2.500	2.502	-0.002	-0.07%	1.70%
Max		2.530	2.525	0.007	0.28%	7.00%
Average		2.507	2.503	0.004	0.18%	4.59%
Min		2.490	2.486	-0.002	-0.07%	1.70%
Std Dev		0.011	0.010	0.002	0.07%	1.20%



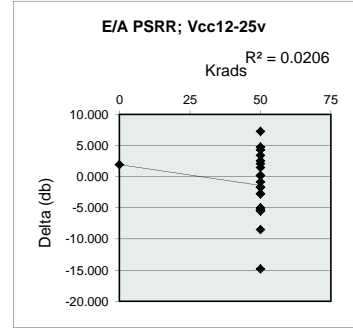
E/A Input Voltage; Pin12.5v		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	2.55	v
Min Limit	2.45	v
Krads	0	50
LL	2.450	2.450
Min	2.502	2.486
Average	2.502	2.503
Max	2.502	2.525
UL	2.550	2.550



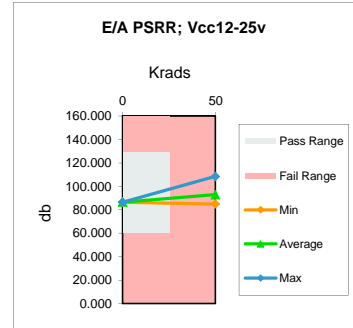
LDR Report  
UC1843-SP

E/A PSRR; Vcc12-25v		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	db	db
Max Limit	130	130
Min Limit	60.65	60.65

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	91.609	93.303	-1.694	-1.85%	2.44%
50	410	88.511	90.167	-1.656	-1.87%	2.39%
50	411	87.683	90.434	-2.751	-3.14%	3.97%
50	412	86.067	91.594	-5.527	-6.42%	7.97%
50	413	92.948	98.258	-5.310	-5.71%	7.66%
50	414	90.182	85.890	4.293	4.76%	6.19%
50	418	92.948	101.452	-8.504	-9.15%	12.26%
50	421	87.297	87.095	0.202	0.23%	0.29%
50	422	91.925	88.496	3.429	3.73%	4.94%
50	423	99.725	100.537	-0.813	-0.82%	1.17%
50	424	93.704	108.496	-14.792	-15.79%	21.33%
50	427	99.725	104.974	-5.250	-5.26%	7.57%
50	429	92.253	94.962	-2.709	-2.94%	3.91%
50	431	87.883	87.668	0.215	0.24%	0.31%
50	432	90.449	95.432	-4.982	-5.51%	7.18%
50	433	92.253	87.473	4.780	5.18%	6.89%
50	434	86.928	84.831	2.097	2.41%	3.02%
50	435	93.318	86.052	7.266	7.79%	10.48%
50	436	90.449	87.868	2.581	2.85%	3.72%
50	437	93.704	92.238	1.466	1.56%	2.11%
0	442	88.511	86.558	1.953	2.21%	2.82%
Max		99.725	108.496	7.266	7.79%	21.33%
Average		91.337	92.561	-1.224	-1.31%	5.65%
Min		86.067	84.831	-14.792	-15.79%	0.29%
Std Dev		3.680	6.745	5.074	5.48%	4.83%



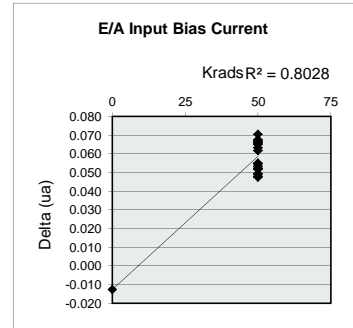
E/A PSRR; Vcc12-25v		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	130	db
Min Limit	60.65	db
Krads		0 50
LL	60.650	60.650
Min	86.558	84.831
Average	86.558	92.861
Max	86.558	108.496
UL	130.000	130.000



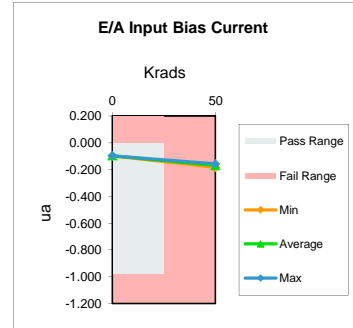
LDR Report  
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E/A Input Bias Current		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ua	ua
Max Limit	-0.001	-0.001
Min Limit	-0.975	-0.975

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-0.109	-0.176	0.067	-61.31%	6.85%
50	410	-0.110	-0.172	0.062	-55.94%	6.33%
50	411	-0.108	-0.175	0.068	-62.67%	6.93%
50	412	-0.111	-0.177	0.066	-59.23%	6.76%
50	413	-0.108	-0.178	0.070	-65.43%	7.23%
50	414	-0.112	-0.175	0.063	-56.72%	6.50%
50	418	-0.112	-0.180	0.067	-59.91%	6.92%
50	421	-0.117	-0.182	0.065	-55.60%	6.67%
50	422	-0.106	-0.172	0.066	-61.90%	6.76%
50	423	-0.112	-0.178	0.066	-59.21%	6.80%
50	424	-0.112	-0.164	0.052	-46.38%	5.33%
50	427	-0.110	-0.162	0.052	-46.96%	5.32%
50	429	-0.112	-0.167	0.055	-49.15%	5.65%
50	431	-0.114	-0.162	0.047	-41.56%	4.88%
50	432	-0.112	-0.166	0.055	-48.97%	5.61%
50	433	-0.110	-0.163	0.052	-47.42%	5.37%
50	434	-0.115	-0.164	0.049	-43.07%	5.07%
50	435	-0.108	-0.158	0.049	-45.39%	5.05%
50	436	-0.111	-0.159	0.048	-43.17%	4.93%
50	437	-0.106	-0.159	0.053	-50.52%	5.48%
0	442	-0.109	-0.097	-0.013	11.63%	1.30%
Max		-0.106	-0.097	0.070	11.63%	7.23%
Average		-0.111	-0.166	0.055	-49.95%	5.80%
Min		-0.117	-0.182	-0.013	-65.43%	1.30%
Std Dev		0.003	0.018	0.017	15.91%	1.30%

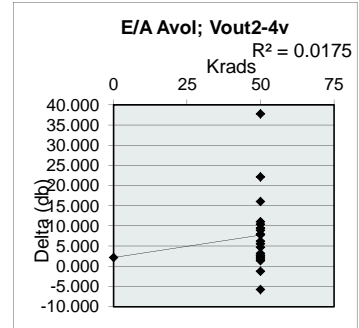


E/A Input Bias Current		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	-0.001	ua
Min Limit	-0.975	ua
Krads	0	50
LL	-0.975	-0.975
Min	-0.097	-0.182
Average	-0.097	-0.169
Max	-0.097	-0.158
UL	-0.001	-0.001

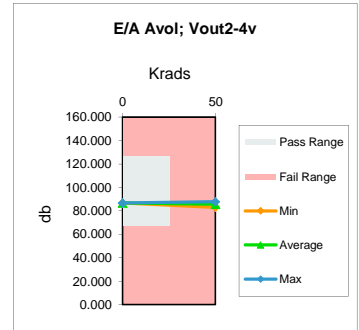


LDR Report  
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E/A Avol: Vout2-4v						
Test Site	MMT	MTF				
Tester	LTX	LTX				
Test Number	XPM01302	XPM01302				
Unit	db	db				
Max Limit	127.5	127.5				
Min Limit	67.5	67.5				
Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	90.852	85.255	5.597	6.16%	9.33%
50	410	80.084	85.822	-5.738	-7.16%	9.56%
50	411	88.021	85.426	2.595	2.95%	4.32%
50	412	86.950	85.189	1.761	2.03%	2.94%
50	413	94.628	85.157	9.471	10.01%	15.79%
50	414	86.779	85.370	1.409	1.62%	2.35%
50	418	93.035	86.784	6.251	6.72%	10.42%
50	421	88.515	85.282	3.234	3.65%	5.39%
50	422	92.907	83.960	8.947	9.63%	14.91%
50	423	85.760	83.013	2.748	3.20%	4.58%
50	424	102.421	86.376	16.045	15.67%	26.74%
50	427	88.344	86.189	2.155	2.44%	3.59%
50	429	83.625	84.882	-1.258	-1.50%	2.10%
50	431	91.583	86.876	4.706	5.14%	7.84%
50	432	95.077	84.631	10.446	10.99%	17.41%
50	433	93.969	85.972	7.997	8.51%	13.33%
50	434	122.663	84.897	37.766	30.79%	62.94%
50	435	95.634	87.787	7.846	8.20%	13.08%
50	436	107.916	85.736	22.180	20.55%	36.97%
50	437	96.782	85.715	11.067	11.43%	18.44%
0	442	88.783	86.586	2.198	2.48%	3.66%
Max	122.663	87.787	37.766	30.79%	62.94%	
Average	93.063	85.567	7.496	7.31%	13.60%	
Min	80.084	83.013	-5.738	-7.16%	2.10%	
Std Dev	9.202	1.047	9.189	8.04%	14.29%	



E/A Avol: Vout2-4v		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	127.5	db
Min Limit	67.5	db
Krads	0	50
LL	67.500	67.500
Min	86.586	83.013
Average	86.586	85.516
Max	86.586	87.787
UL	127.500	127.500



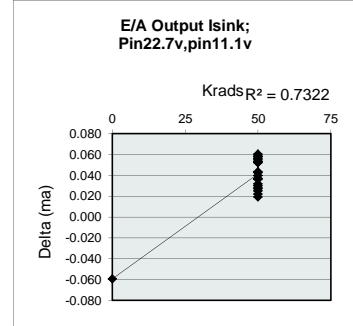


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E/A Output Isink; Pin22.7v,pin11.1v

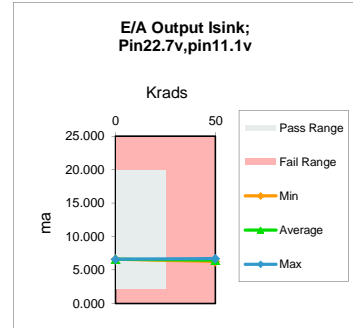
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	20	20
Min Limit	2.2	2.2

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	6.606	6.581	0.025	0.38%	0.14%
50	410	6.481	6.451	0.030	0.46%	0.17%
50	411	6.418	6.378	0.040	0.62%	0.22%
50	412	6.314	6.287	0.027	0.43%	0.15%
50	413	6.670	6.611	0.059	0.88%	0.33%
50	414	6.385	6.353	0.032	0.50%	0.18%
50	418	6.353	6.325	0.028	0.44%	0.16%
50	421	6.501	6.479	0.022	0.34%	0.12%
50	422	6.700	6.643	0.056	0.84%	0.32%
50	423	6.391	6.372	0.019	0.30%	0.11%
50	424	6.426	6.366	0.060	0.94%	0.34%
50	427	6.464	6.427	0.037	0.57%	0.21%
50	429	6.316	6.273	0.043	0.68%	0.24%
50	431	6.462	6.425	0.036	0.56%	0.20%
50	432	6.427	6.383	0.043	0.68%	0.24%
50	433	6.329	6.275	0.053	0.84%	0.30%
50	434	6.545	6.492	0.053	0.81%	0.30%
50	435	6.734	6.679	0.055	0.82%	0.31%
50	436	6.571	6.519	0.052	0.79%	0.29%
50	437	6.754	6.696	0.058	0.86%	0.33%
0	442	6.537	6.596	-0.059	-0.91%	0.33%
Max		6.754	6.696	0.060	0.94%	0.34%
Average		6.494	6.458	0.037	0.56%	0.24%
Min		6.314	6.273	-0.059	-0.91%	0.11%
Std Dev		0.136	0.134	0.026	0.39%	0.08%



E/A Output Isink; Pin22.7v,pin11.1v

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	20	ma
Min Limit	2.2	ma
Krads	0	50
LL	2.200	2.200
Min	6.597	6.274
Average	6.597	6.451
Max	6.597	6.696
UL	20.000	20.000

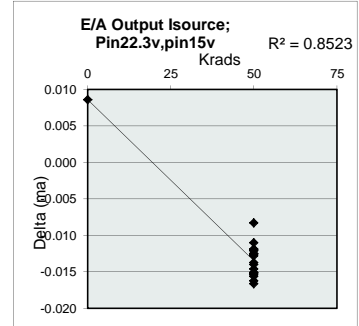


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E/A Output Isource; Pin22.3v, pin15v

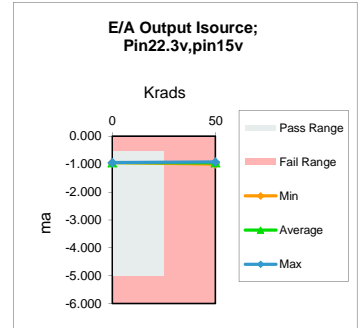
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	-0.515	-0.515
Min Limit	-5	-5

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-0.955	-0.942	-0.013	1.34%	0.29%
50	410	-0.936	-0.927	-0.008	0.89%	0.19%
50	411	-0.938	-0.926	-0.013	1.34%	0.28%
50	412	-0.964	-0.951	-0.012	1.30%	0.28%
50	413	-0.935	-0.923	-0.012	1.27%	0.27%
50	414	-0.975	-0.962	-0.012	1.28%	0.28%
50	418	-0.981	-0.966	-0.015	1.54%	0.34%
50	421	-0.983	-0.971	-0.012	1.21%	0.27%
50	422	-0.950	-0.936	-0.015	1.54%	0.33%
50	423	-0.987	-0.971	-0.016	1.58%	0.35%
50	424	-0.983	-0.967	-0.016	1.65%	0.36%
50	427	-0.983	-0.968	-0.015	1.54%	0.34%
50	429	-0.989	-0.977	-0.012	1.22%	0.27%
50	431	-0.951	-0.934	-0.017	1.75%	0.37%
50	432	-0.980	-0.964	-0.015	1.57%	0.34%
50	433	-0.977	-0.965	-0.012	1.23%	0.27%
50	434	-0.956	-0.946	-0.011	1.15%	0.25%
50	435	-0.952	-0.939	-0.014	1.44%	0.31%
50	436	-1.014	-0.998	-0.015	1.50%	0.34%
50	437	-0.952	-0.938	-0.014	1.47%	0.31%
0	442	-0.939	-0.947	0.009	-0.92%	0.19%
Max		-0.935	-0.923	0.009	1.75%	0.37%
Average		-0.966	-0.953	-0.012	1.28%	0.29%
Min		-1.014	-0.998	-0.017	-0.92%	0.19%
Std Dev		0.021	0.020	0.005	0.54%	0.05%



E/A Output Isource; Pin22.3v, pin15v

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	-0.515	ma
Min Limit	-5	ma
Krads	0	50
LL	-5.000	-5.000
Min	-0.947	-0.999
Average	-0.947	-0.954
Max	-0.947	-0.923
UL	-0.515	-0.515

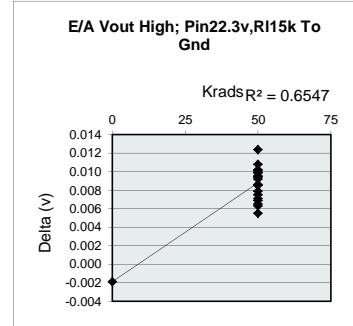


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E/A Vout High; Pin22.3v,R115k T

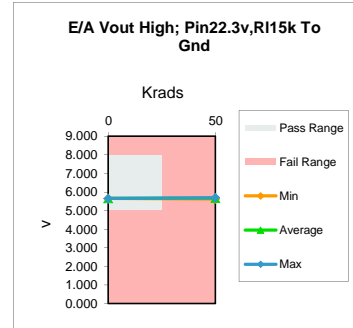
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	8	8
Min Limit	5.024	5.024

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	5.694	5.686	0.008	0.14%	0.27%
50	410	5.640	5.631	0.009	0.16%	0.31%
50	411	5.693	5.683	0.010	0.17%	0.33%
50	412	5.658	5.652	0.006	0.11%	0.21%
50	413	5.693	5.684	0.009	0.15%	0.29%
50	414	5.663	5.653	0.010	0.17%	0.33%
50	418	5.685	5.677	0.007	0.13%	0.25%
50	421	5.709	5.699	0.010	0.17%	0.32%
50	422	5.636	5.629	0.007	0.13%	0.24%
50	423	5.635	5.625	0.010	0.18%	0.34%
50	424	5.675	5.669	0.006	0.10%	0.18%
50	427	5.701	5.692	0.009	0.16%	0.32%
50	429	5.683	5.675	0.009	0.15%	0.29%
50	431	5.655	5.646	0.010	0.17%	0.32%
50	432	5.683	5.673	0.010	0.17%	0.33%
50	433	5.690	5.683	0.007	0.12%	0.23%
50	434	5.657	5.651	0.007	0.11%	0.22%
50	435	5.692	5.681	0.011	0.19%	0.36%
50	436	5.675	5.665	0.010	0.18%	0.34%
50	437	5.675	5.662	0.012	0.22%	0.42%
0	442	5.653	5.655	-0.002	-0.03%	0.06%
Max		5.709	5.699	0.012	0.22%	0.42%
Average		5.673	5.665	0.008	0.15%	0.28%
Min		5.635	5.625	-0.002	-0.03%	0.06%
Std Dev		0.022	0.021	0.003	0.05%	0.08%



E/A Vout High; Pin22.3v,R115k

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	8	v
Min Limit	5.024	v
Krads	0	50
LL	5.024	5.024
Min	5.655	5.625
Average	5.655	5.666
Max	5.655	5.699
UL	8.000	8.000

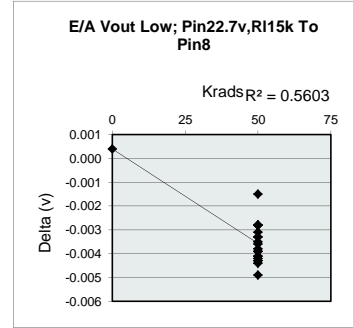


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E/A Vout Low; Pin22.7v,RI15k To

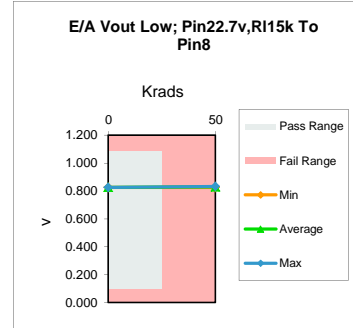
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	1.084	1.084
Min Limit	0.1	0.1

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.826	0.829	-0.003	-0.34%	0.28%
50	410	0.823	0.826	-0.003	-0.38%	0.32%
50	411	0.824	0.828	-0.004	-0.51%	0.43%
50	412	0.828	0.832	-0.004	-0.46%	0.39%
50	413	0.825	0.829	-0.004	-0.50%	0.42%
50	414	0.826	0.830	-0.003	-0.40%	0.34%
50	418	0.828	0.831	-0.003	-0.40%	0.34%
50	421	0.824	0.827	-0.003	-0.34%	0.28%
50	422	0.826	0.830	-0.004	-0.47%	0.40%
50	423	0.825	0.827	-0.002	-0.18%	0.15%
50	424	0.826	0.831	-0.004	-0.52%	0.44%
50	427	0.824	0.827	-0.003	-0.34%	0.28%
50	429	0.829	0.832	-0.003	-0.42%	0.36%
50	431	0.823	0.827	-0.004	-0.47%	0.40%
50	432	0.828	0.831	-0.003	-0.34%	0.28%
50	433	0.828	0.832	-0.004	-0.53%	0.45%
50	434	0.824	0.828	-0.004	-0.52%	0.44%
50	435	0.823	0.827	-0.004	-0.44%	0.37%
50	436	0.828	0.833	-0.004	-0.49%	0.42%
50	437	0.825	0.829	-0.005	-0.59%	0.50%
0	442	0.827	0.826	0.000	0.05%	0.04%
Max		0.829	0.833	0.000	0.05%	0.50%
Average		0.826	0.829	-0.003	-0.41%	0.35%
Min		0.823	0.826	-0.005	-0.59%	0.04%
Std Dev		0.002	0.002	0.001	0.14%	0.11%



E/A Vout Low; Pin22.7v,RI15k To

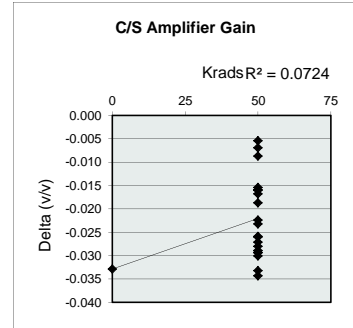
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	1.084	v
Min Limit	0.1	v
Krads	0	50
LL	0.100	0.100
Min	0.826	0.826
Average	0.826	0.829
Max	0.826	0.833
UL	1.084	1.084



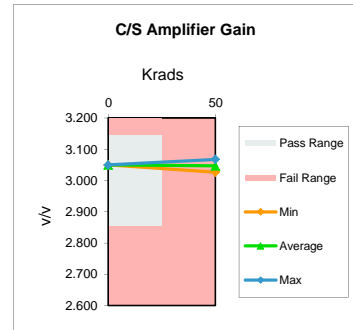
LDR Report  
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C/S Amplifier Gain		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v/v	v/v
Max Limit	3.145	3.145
Min Limit	2.855	2.855

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	3.035	3.059	-0.023	-0.76%	8.00%
50	410	3.022	3.027	-0.005	-0.18%	1.86%
50	411	3.019	3.035	-0.016	-0.53%	5.52%
50	412	3.026	3.035	-0.009	-0.29%	3.00%
50	413	3.038	3.068	-0.029	-0.96%	10.10%
50	414	3.026	3.042	-0.016	-0.53%	5.48%
50	418	3.027	3.034	-0.007	-0.23%	2.38%
50	421	3.023	3.049	-0.026	-0.86%	8.93%
50	422	3.017	3.036	-0.019	-0.62%	6.45%
50	423	3.019	3.045	-0.026	-0.86%	8.97%
50	424	3.018	3.046	-0.027	-0.90%	9.34%
50	427	3.020	3.050	-0.030	-1.00%	10.38%
50	429	3.017	3.039	-0.022	-0.74%	7.72%
50	431	3.022	3.056	-0.034	-1.14%	11.83%
50	432	3.025	3.055	-0.029	-0.97%	10.14%
50	433	3.025	3.053	-0.028	-0.93%	9.66%
50	434	3.021	3.050	-0.029	-0.96%	9.97%
50	435	3.043	3.058	-0.015	-0.51%	5.31%
50	436	3.035	3.068	-0.033	-1.09%	11.45%
50	437	3.017	3.034	-0.017	-0.56%	5.79%
0	442	3.017	3.050	-0.033	-1.09%	11.34%
Max		3.043	3.068	-0.005	-0.18%	11.83%
Average		3.024	3.047	-0.023	-0.75%	7.79%
Min		3.017	3.027	-0.034	-1.14%	1.86%
Std Dev		0.008	0.011	0.009	0.29%	3.03%



C/S Amplifier Gain		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	3.145	v/v
Min Limit	2.855	v/v
Krads	0	50
LL	2.855	2.855
Min	3.050	3.027
Average	3.050	3.047
Max	3.050	3.068
UL	3.145	3.145

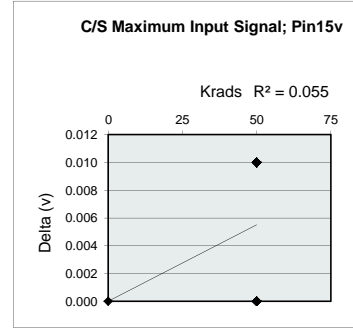


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C/S Maximum Input Signal; Pin1

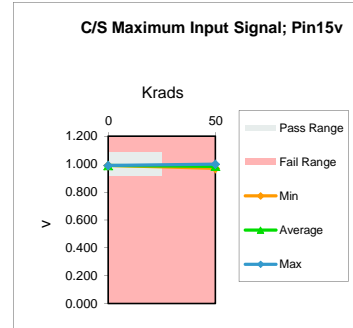
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	1.085	1.085
Min Limit	0.915	0.915

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.990	0.980	0.010	1.01%	5.88%
50	410	0.990	0.980	0.010	1.01%	5.88%
50	411	1.000	0.990	0.010	1.00%	5.88%
50	412	0.990	0.990	0.000	0.00%	0.00%
50	413	0.990	0.980	0.010	1.01%	5.88%
50	414	0.990	0.990	0.000	0.00%	0.00%
50	418	0.980	0.980	0.000	0.00%	0.00%
50	421	0.990	0.990	0.000	0.00%	0.00%
50	422	0.980	0.970	0.010	1.02%	5.88%
50	423	0.980	0.970	0.010	1.02%	5.88%
50	424	0.990	0.990	0.000	0.00%	0.00%
50	427	1.000	1.000	0.000	0.00%	0.00%
50	429	1.000	0.990	0.010	1.00%	5.88%
50	431	0.990	0.980	0.010	1.01%	5.88%
50	432	0.990	0.990	0.000	0.00%	0.00%
50	433	0.990	0.990	0.000	0.00%	0.00%
50	434	0.990	0.980	0.010	1.01%	5.88%
50	435	1.000	0.990	0.010	1.00%	5.88%
50	436	0.980	0.980	0.000	0.00%	0.00%
50	437	0.990	0.980	0.010	1.01%	5.88%
0	442	0.990	0.990	0.000	0.00%	0.00%
Max		1.000	1.000	0.010	1.02%	5.88%
Average		0.990	0.985	0.005	0.53%	3.08%
Min		0.980	0.970	0.000	0.00%	0.00%
Std Dev		0.006	0.007	0.005	0.52%	3.01%



C/S Maximum Input Signal; Pin15v

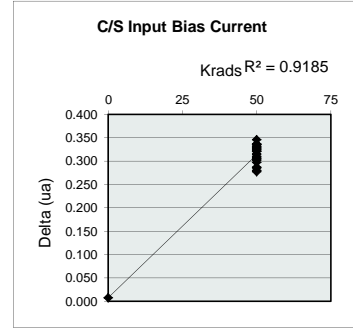
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	1.085	v
Min Limit	0.915	v
Krads	0	50
LL	0.915	0.915
Min	0.990	0.970
Average	0.990	0.985
Max	0.990	1.000
UL	1.085	1.085



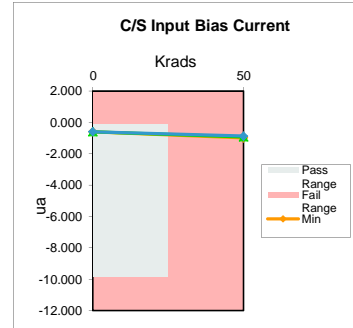
LDR Report  
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C/S Input Bias Current		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ua	ua
Max Limit	-0.1	-0.1
Min Limit	-9.8	-9.8

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	-0.565	-0.886	0.321	-56.77%	3.31%
50	410	-0.608	-0.931	0.322	-52.98%	3.32%
50	411	-0.613	-0.959	0.346	-56.46%	3.57%
50	412	-0.598	-0.933	0.335	-56.10%	3.46%
50	413	-0.594	-0.930	0.336	-56.58%	3.46%
50	414	-0.600	-0.925	0.325	-54.09%	3.35%
50	418	-0.629	-0.957	0.328	-52.23%	3.39%
50	421	-0.656	-0.984	0.328	-50.02%	3.38%
50	422	-0.602	-0.939	0.337	-56.02%	3.47%
50	423	-0.604	-0.936	0.332	-54.91%	3.42%
50	424	-0.650	-0.956	0.307	-47.22%	3.16%
50	427	-0.604	-0.891	0.287	-47.58%	2.96%
50	429	-0.630	-0.935	0.305	-48.39%	3.14%
50	431	-0.635	-0.915	0.281	-44.22%	2.89%
50	432	-0.624	-0.934	0.310	-49.76%	3.20%
50	433	-0.625	-0.941	0.315	-50.43%	3.25%
50	434	-0.613	-0.891	0.278	-45.29%	2.86%
50	435	-0.589	-0.874	0.286	-48.56%	2.95%
50	436	-0.627	-0.924	0.297	-47.45%	3.07%
50	437	-0.575	-0.877	0.303	-52.64%	3.12%
0	442	-0.588	-0.596	0.007	-1.24%	0.08%
Max		-0.565	-0.596	0.346	-1.24%	3.57%
Average		-0.611	-0.910	0.299	-49.00%	3.09%
Min		-0.656	-0.984	0.007	-56.77%	0.08%
Std Dev		0.023	0.078	0.070	11.62%	0.72%



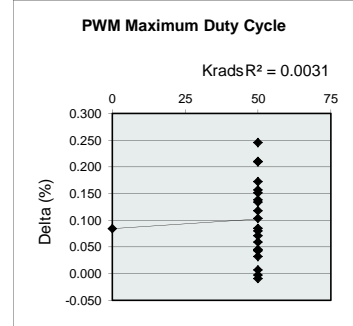
C/S Input Bias Current		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	-0.1	ua
Min Limit	-9.8	ua
Krads	0	50
LL	-9.800	-9.800
Min	-0.596	-0.984
Average	-0.596	-0.926
Max	-0.596	-0.874
UL	-0.100	-0.100



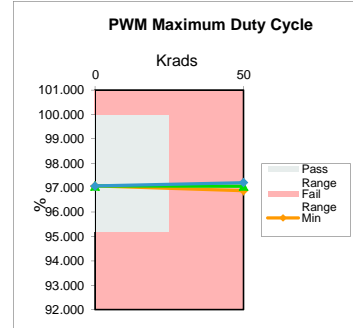
LDR Report  
UC1843-SP

PWM Maximum Duty Cycle		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	%	%
Max Limit	100	100
Min Limit	95.2	95.2

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	97.115	97.044	0.071	0.07%	1.48%
50	410	97.223	97.051	0.172	0.18%	3.59%
50	411	97.146	96.936	0.211	0.22%	4.39%
50	412	97.140	97.097	0.043	0.04%	0.90%
50	413	97.086	96.876	0.210	0.22%	4.37%
50	414	97.218	97.133	0.085	0.09%	1.77%
50	418	97.075	97.078	-0.003	0.00%	0.06%
50	421	97.242	97.085	0.157	0.16%	3.27%
50	422	97.271	97.133	0.138	0.14%	2.88%
50	423	97.074	96.994	0.080	0.08%	1.66%
50	424	97.183	97.192	-0.009	-0.01%	0.19%
50	427	97.073	97.067	0.007	0.01%	0.14%
50	429	97.099	96.981	0.118	0.12%	2.46%
50	431	97.155	97.004	0.151	0.16%	3.15%
50	432	97.086	96.952	0.134	0.14%	2.79%
50	433	97.072	97.026	0.046	0.05%	0.95%
50	434	97.310	97.065	0.246	0.25%	5.12%
50	435	97.217	97.185	0.032	0.03%	0.67%
50	436	97.261	97.201	0.059	0.06%	1.24%
50	437	97.161	97.058	0.104	0.11%	2.16%
0	442	97.152	97.068	0.084	0.09%	1.75%
Max		97.310	97.201	0.246	0.25%	5.12%
Average		97.160	97.058	0.102	0.10%	2.14%
Min		97.072	96.876	-0.009	-0.01%	0.06%
Std Dev		0.074	0.084	0.072	0.07%	1.47%



PWM Maximum Duty Cycle		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	100	%
Min Limit	95.2	%
Krads	0	50
LL	95.200	95.200
Min	97.068	96.876
Average	97.068	97.058
Max	97.068	97.202
UL	100.000	100.000



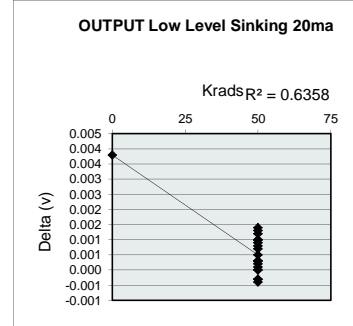


LDR Report  
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**OUTPUT Low Level Sinking 20ma**

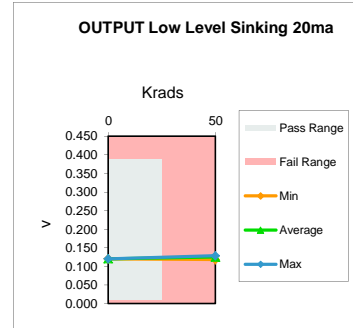
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	0.39	0.39
Min Limit	0.01	0.01

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.123	0.121	0.001	1.14%	0.37%
50	410	0.128	0.127	0.001	0.63%	0.21%
50	411	0.128	0.127	0.001	0.55%	0.18%
50	412	0.128	0.128	0.000	0.23%	0.08%
50	413	0.122	0.121	0.001	1.06%	0.34%
50	414	0.127	0.127	0.000	0.24%	0.08%
50	418	0.128	0.127	0.001	0.78%	0.26%
50	421	0.126	0.125	0.001	0.95%	0.32%
50	422	0.120	0.120	0.000	0.00%	0.00%
50	423	0.128	0.128	0.000	0.00%	0.00%
50	424	0.126	0.127	0.000	-0.32%	0.11%
50	427	0.127	0.127	0.000	0.16%	0.05%
50	429	0.128	0.127	0.001	0.78%	0.26%
50	431	0.127	0.127	0.000	0.24%	0.08%
50	432	0.127	0.127	0.000	0.08%	0.03%
50	433	0.128	0.128	0.000	0.39%	0.13%
50	434	0.126	0.125	0.001	0.72%	0.24%
50	435	0.119	0.120	0.000	-0.25%	0.08%
50	436	0.122	0.122	0.000	-0.25%	0.08%
50	437	0.119	0.118	0.001	0.84%	0.26%
0	442	0.124	0.120	0.004	3.06%	1.00%
Max		0.128	0.128	0.004	3.06%	1.00%
Average		0.125	0.125	0.001	0.53%	0.20%
Min		0.119	0.118	0.000	-0.32%	0.00%
Std Dev		0.003	0.003	0.001	0.73%	0.22%



**OUTPUT Low Level Sinking 20ma**

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	0.39 v
Min Limit	0.01 v
Krads	0   50
LL	0.010   0.010
Min	0.120   0.118
Average	0.120   0.125
Max	0.120   0.128
UL	0.390   0.390

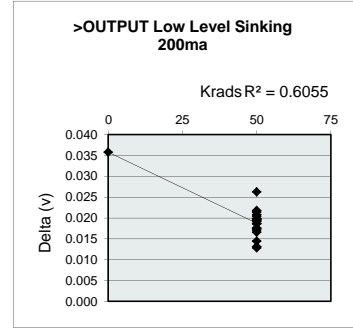


LDR Report  
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>OUTPUT Low Level Sinking 200

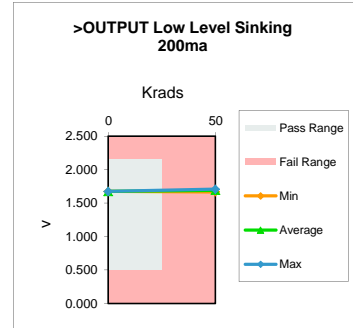
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	2.17	2.17
Min Limit	0.5	0.5

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	1.707	1.681	0.026	1.54%	1.57%
50	410	1.719	1.699	0.020	1.19%	1.22%
50	411	1.722	1.704	0.019	1.08%	1.11%
50	412	1.726	1.709	0.018	1.01%	1.05%
50	413	1.699	1.679	0.020	1.17%	1.19%
50	414	1.718	1.704	0.013	0.76%	0.78%
50	418	1.726	1.707	0.020	1.13%	1.17%
50	421	1.714	1.693	0.021	1.21%	1.25%
50	422	1.690	1.671	0.019	1.11%	1.12%
50	423	1.718	1.696	0.021	1.25%	1.28%
50	424	1.715	1.702	0.013	0.75%	0.77%
50	427	1.717	1.697	0.020	1.14%	1.17%
50	429	1.725	1.706	0.019	1.12%	1.16%
50	431	1.715	1.696	0.019	1.11%	1.14%
50	432	1.719	1.697	0.022	1.27%	1.31%
50	433	1.723	1.706	0.018	1.02%	1.05%
50	434	1.712	1.692	0.020	1.16%	1.19%
50	435	1.687	1.673	0.014	0.85%	0.86%
50	436	1.698	1.682	0.017	0.98%	0.99%
50	437	1.685	1.668	0.017	1.01%	1.02%
0	442	1.710	1.675	0.036	2.09%	2.14%
Max		1.726	1.709	0.036	2.09%	2.14%
Average		1.712	1.692	0.020	1.14%	1.17%
Min		1.685	1.668	0.013	0.75%	0.77%
Std Dev		0.013	0.013	0.005	0.28%	0.29%



>OUTPUT Low Level Sinking 200

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	2.17	v
Min Limit	0.5	v
Krads	0	50
LL	0.500	0.500
Min	1.675	1.668
Average	1.675	1.693
Max	1.675	1.709
UL	2.170	2.170

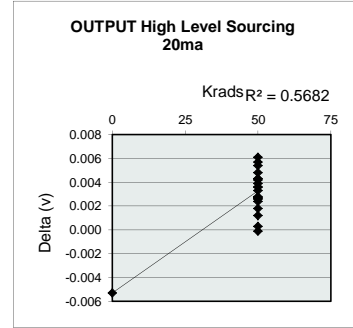


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**OUTPUT High Level Sourcing 20ma**

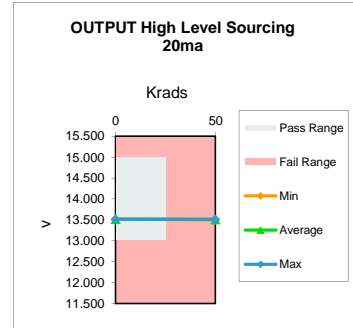
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	15	15
Min Limit	13.03	13.03

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	13.507	13.505	0.002	0.02%	0.12%
50	410	13.511	13.510	0.001	0.01%	0.06%
50	411	13.509	13.505	0.004	0.03%	0.21%
50	412	13.509	13.504	0.005	0.04%	0.24%
50	413	13.509	13.503	0.006	0.05%	0.31%
50	414	13.511	13.508	0.003	0.02%	0.17%
50	418	13.509	13.504	0.004	0.03%	0.22%
50	421	13.513	13.510	0.003	0.02%	0.14%
50	422	13.509	13.503	0.006	0.04%	0.29%
50	423	13.513	13.513	0.000	0.00%	0.02%
50	424	13.511	13.507	0.004	0.03%	0.22%
50	427	13.512	13.511	0.002	0.01%	0.09%
50	429	13.509	13.506	0.004	0.03%	0.18%
50	431	13.512	13.510	0.003	0.02%	0.13%
50	432	13.507	13.507	0.000	0.00%	0.01%
50	433	13.509	13.506	0.004	0.03%	0.18%
50	434	13.512	13.508	0.004	0.03%	0.20%
50	435	13.511	13.508	0.003	0.02%	0.14%
50	436	13.507	13.505	0.003	0.02%	0.13%
50	437	13.509	13.504	0.005	0.04%	0.27%
0	442	13.508	13.514	-0.005	-0.04%	0.27%
Max		13.513	13.514	0.006	0.05%	0.31%
Average		13.510	13.507	0.003	0.02%	0.17%
Min		13.507	13.503	-0.005	-0.04%	0.01%
Std Dev		0.002	0.003	0.002	0.02%	0.08%



**OUTPUT High Level Sourcing 2**

Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	15	v
Min Limit	13.03	v
Krads	0	50
LL	13.030	13.030
Min	13.514	13.503
Average	13.514	13.507
Max	13.514	13.513
UL	15.000	15.000

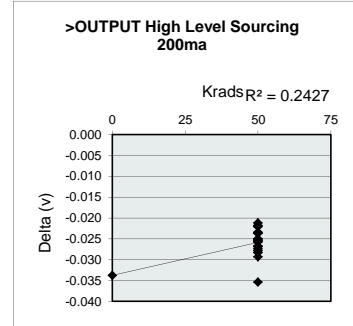


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>OUTPUT High Level Sourcing 200ma

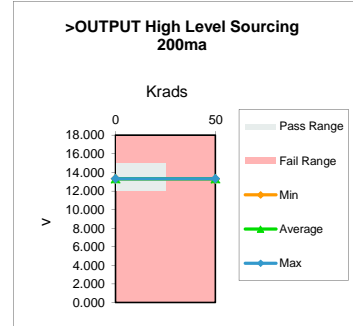
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	15	15
Min Limit	12.04	12.04

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	13.286	13.313	-0.027	-0.20%	0.91%
50	410	13.285	13.311	-0.026	-0.19%	0.86%
50	411	13.278	13.306	-0.028	-0.21%	0.94%
50	412	13.281	13.306	-0.025	-0.19%	0.84%
50	413	13.291	13.315	-0.024	-0.18%	0.80%
50	414	13.287	13.308	-0.021	-0.16%	0.72%
50	418	13.280	13.306	-0.027	-0.20%	0.91%
50	421	13.286	13.309	-0.023	-0.18%	0.79%
50	422	13.292	13.318	-0.026	-0.19%	0.87%
50	423	13.286	13.313	-0.027	-0.20%	0.90%
50	424	13.288	13.310	-0.022	-0.16%	0.74%
50	427	13.283	13.312	-0.028	-0.21%	0.96%
50	429	13.283	13.308	-0.025	-0.19%	0.84%
50	431	13.286	13.313	-0.027	-0.21%	0.93%
50	432	13.278	13.314	-0.035	-0.27%	1.20%
50	433	13.283	13.309	-0.026	-0.19%	0.86%
50	434	13.286	13.315	-0.029	-0.22%	0.99%
50	435	13.296	13.318	-0.022	-0.17%	0.75%
50	436	13.289	13.314	-0.025	-0.19%	0.85%
50	437	13.295	13.319	-0.024	-0.18%	0.80%
0	442	13.286	13.320	-0.034	-0.25%	1.14%
Max		13.296	13.320	-0.021	-0.16%	1.20%
Average		13.286	13.312	-0.026	-0.20%	0.89%
Min		13.278	13.306	-0.035	-0.27%	0.72%
Std Dev		0.005	0.004	0.004	0.03%	0.12%



>OUTPUT High Level Sourcing

Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	15 v
Min Limit	12.04 v
Krads	0 50
LL	12.040 12.040
Min	13.320 13.306
Average	13.320 13.312
Max	13.320 13.319
UL	15.000 15.000

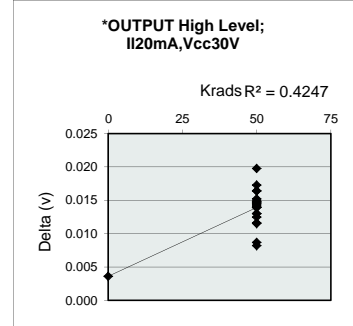


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\*OUTPUT High Level; I120mA,Vcc30V

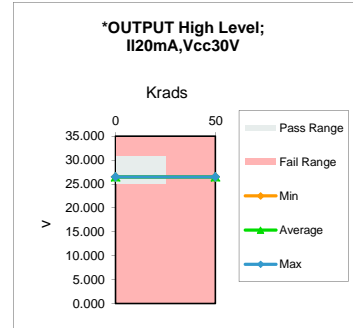
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	31	31
Min Limit	25.04	25.04

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	26.521	26.508	0.012	0.05%	0.21%
50	410	26.525	26.514	0.011	0.04%	0.19%
50	411	26.522	26.507	0.015	0.06%	0.25%
50	412	26.524	26.509	0.015	0.06%	0.25%
50	413	26.525	26.505	0.020	0.07%	0.33%
50	414	26.525	26.512	0.013	0.05%	0.22%
50	418	26.525	26.507	0.017	0.07%	0.29%
50	421	26.527	26.513	0.014	0.05%	0.23%
50	422	26.520	26.505	0.015	0.06%	0.24%
50	423	26.525	26.517	0.008	0.03%	0.14%
50	424	26.525	26.510	0.014	0.05%	0.24%
50	427	26.527	26.514	0.013	0.05%	0.22%
50	429	26.524	26.509	0.015	0.06%	0.26%
50	431	26.525	26.512	0.014	0.05%	0.23%
50	432	26.522	26.513	0.009	0.03%	0.15%
50	433	26.524	26.509	0.015	0.06%	0.24%
50	434	26.525	26.511	0.014	0.05%	0.23%
50	435	26.525	26.513	0.012	0.04%	0.19%
50	436	26.522	26.505	0.016	0.06%	0.28%
50	437	26.522	26.505	0.016	0.06%	0.28%
0	442	26.521	26.517	0.004	0.01%	0.06%
Max		26.527	26.517	0.020	0.07%	0.33%
Average		26.524	26.510	0.013	0.05%	0.23%
Min		26.520	26.505	0.004	0.01%	0.06%
Std Dev		0.002	0.004	0.003	0.01%	0.06%



\*OUTPUT High Level; I120mA,Vcc30V

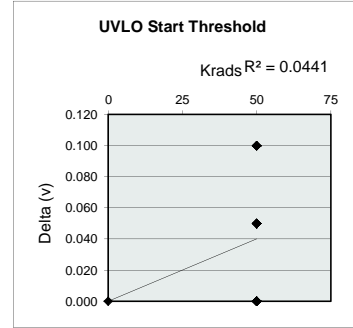
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	31	v
Min Limit	25.04	v
Krads	0	50
LL	25.040	25.040
Min	26.517	26.505
Average	26.517	26.510
Max	26.517	26.517
UL	31.000	31.000



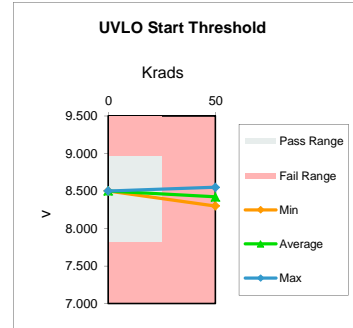
LDR Report  
UC1843-SP

UVLO Start Threshold		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	8.98	8.98
Min Limit	7.82	7.82

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	8.500	8.450	0.050	0.59%	4.31%
50	410	8.350	8.300	0.050	0.60%	4.31%
50	411	8.500	8.400	0.100	1.18%	8.62%
50	412	8.400	8.300	0.100	1.19%	8.62%
50	413	8.500	8.400	0.100	1.18%	8.62%
50	414	8.500	8.450	0.050	0.59%	4.31%
50	418	8.450	8.400	0.050	0.59%	4.31%
50	421	8.550	8.450	0.100	1.17%	8.62%
50	422	8.400	8.300	0.100	1.19%	8.62%
50	423	8.350	8.300	0.050	0.60%	4.31%
50	424	8.500	8.500	0.000	0.00%	0.00%
50	427	8.400	8.400	0.000	0.00%	0.00%
50	429	8.500	8.450	0.050	0.59%	4.31%
50	431	8.550	8.550	0.000	0.00%	0.00%
50	432	8.450	8.450	0.000	0.00%	0.00%
50	433	8.500	8.500	0.000	0.00%	0.00%
50	434	8.500	8.500	0.000	0.00%	0.00%
50	435	8.500	8.500	0.000	0.00%	0.00%
50	436	8.450	8.450	0.000	0.00%	0.00%
50	437	8.400	8.400	0.000	0.00%	0.00%
0	442	8.500	8.500	0.000	0.00%	0.00%
Max		8.550	8.550	0.100	1.19%	8.62%
Average		8.464	8.426	0.038	0.45%	3.28%
Min		8.350	8.300	0.000	0.00%	0.00%
Std Dev		0.059	0.075	0.042	0.49%	3.58%



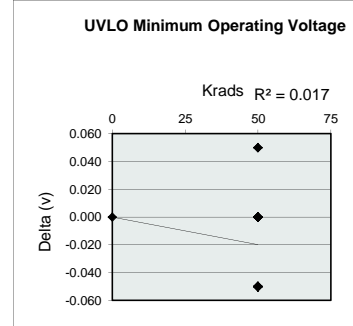
UVLO Start Threshold		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	8.98	v
Min Limit	7.82	v
Krads	0	50
LL	7.820	7.820
Min	8.500	8.300
Average	8.500	8.423
Max	8.500	8.550
UL	8.980	8.980



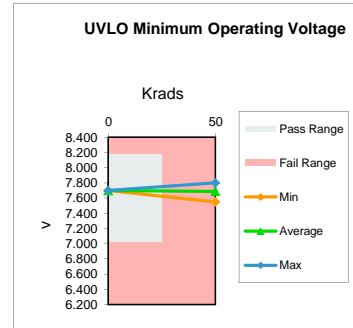
LDR Report  
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UVLO Minimum Operating Voltage		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	8.175	8.175
Min Limit	7.025	7.025

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	7.700	7.700	0.000	0.00%	0.00%
50	410	7.550	7.550	0.000	0.00%	0.00%
50	411	7.700	7.700	0.000	0.00%	0.00%
50	412	7.600	7.600	0.000	0.00%	0.00%
50	413	7.700	7.700	0.000	0.00%	0.00%
50	414	7.700	7.700	0.000	0.00%	0.00%
50	418	7.700	7.700	0.000	0.00%	0.00%
50	421	7.750	7.750	0.000	0.00%	0.00%
50	422	7.650	7.600	0.050	0.65%	4.35%
50	423	7.600	7.550	0.050	0.66%	4.35%
50	424	7.700	7.750	-0.050	-0.65%	4.35%
50	427	7.600	7.650	-0.050	-0.66%	4.35%
50	429	7.700	7.750	-0.050	-0.65%	4.35%
50	431	7.750	7.800	-0.050	-0.65%	4.35%
50	432	7.650	7.700	-0.050	-0.65%	4.35%
50	433	7.700	7.750	-0.050	-0.65%	4.35%
50	434	7.700	7.750	-0.050	-0.65%	4.35%
50	435	7.700	7.750	-0.050	-0.65%	4.35%
50	436	7.650	7.700	-0.050	-0.65%	4.35%
50	437	7.600	7.650	-0.050	-0.66%	4.35%
0	442	7.700	7.700	0.000	0.00%	0.00%
Max	7.750	7.800	0.050	0.66%	4.35%	
Average	7.671	7.690	-0.019	-0.25%	2.48%	
Min	7.550	7.550	-0.050	-0.66%	0.00%	
Std Dev	0.054	0.068	0.033	0.44%	2.20%	



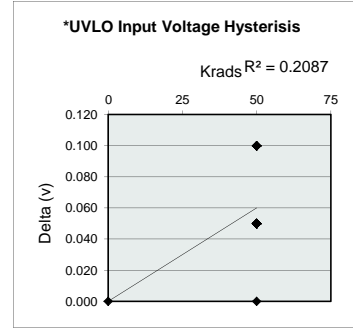
UVLO Minimum Operating Voltage		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	8.175	v
Min Limit	7.025	v
Krads	0	50
LL	7.025	7.025
Min	7.700	7.550
Average	7.700	7.690
Max	7.700	7.800
UL	8.175	8.175



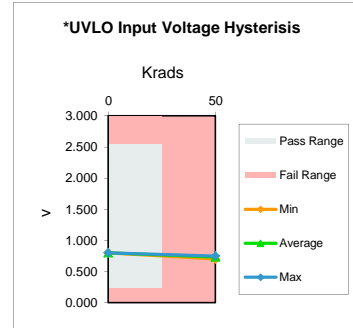
LDR Report  
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*UVLO Input Voltage Hysteresis		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	2.55	2.55
Min Limit	0.25	0.25

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.800	0.750	0.050	6.25%	2.17%
50	410	0.800	0.750	0.050	6.25%	2.17%
50	411	0.800	0.700	0.100	12.50%	4.35%
50	412	0.800	0.700	0.100	12.50%	4.35%
50	413	0.800	0.700	0.100	12.50%	4.35%
50	414	0.800	0.750	0.050	6.25%	2.17%
50	418	0.750	0.700	0.050	6.67%	2.17%
50	421	0.800	0.700	0.100	12.50%	4.35%
50	422	0.750	0.700	0.050	6.67%	2.17%
50	423	0.750	0.750	0.000	0.00%	0.00%
50	424	0.800	0.750	0.050	6.25%	2.17%
50	427	0.800	0.750	0.050	6.25%	2.17%
50	429	0.800	0.700	0.100	12.50%	4.35%
50	431	0.800	0.750	0.050	6.25%	2.17%
50	432	0.800	0.750	0.050	6.25%	2.17%
50	433	0.800	0.750	0.050	6.25%	2.17%
50	434	0.800	0.750	0.050	6.25%	2.17%
50	435	0.800	0.750	0.050	6.25%	2.17%
50	436	0.800	0.750	0.050	6.25%	2.17%
50	437	0.800	0.750	0.050	6.25%	2.17%
0	442	0.800	0.800	0.000	0.00%	0.00%
Max		0.800	0.800	0.100	12.50%	4.35%
Average		0.793	0.736	0.057	7.18%	2.48%
Min		0.750	0.700	0.000	0.00%	0.00%
Std Dev		0.018	0.028	0.029	3.57%	1.25%



*UVLO Input Voltage Hysteresis		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	2.55	v
Min Limit	0.25	v
Krads	0	50
LL	0.250	0.250
Min	0.800	0.700
Average	0.800	0.733
Max	0.800	0.750
UL	2.550	2.550



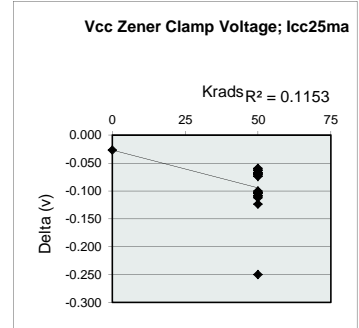


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Vcc Zener Clamp Voltage; Icc25ma

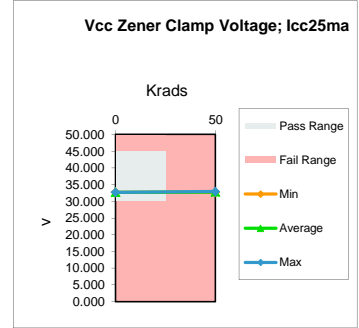
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	v	v
Max Limit	44.9	44.9
Min Limit	30.1	30.1

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	32.668	32.776	-0.108	-0.33%	0.73%
50	410	32.680	32.793	-0.112	-0.34%	0.76%
50	411	32.672	32.776	-0.104	-0.32%	0.70%
50	412	32.692	32.795	-0.103	-0.31%	0.69%
50	413	32.668	32.771	-0.103	-0.31%	0.69%
50	414	32.678	32.788	-0.110	-0.34%	0.74%
50	418	32.677	32.778	-0.101	-0.31%	0.68%
50	421	32.662	32.912	-0.250	-0.77%	1.69%
50	422	32.668	32.773	-0.105	-0.32%	0.71%
50	423	32.675	32.799	-0.124	-0.38%	0.84%
50	424	32.675	32.738	-0.062	-0.19%	0.42%
50	427	32.678	32.749	-0.071	-0.22%	0.48%
50	429	32.678	32.746	-0.068	-0.21%	0.46%
50	431	32.669	32.739	-0.070	-0.21%	0.47%
50	432	32.680	32.754	-0.073	-0.22%	0.50%
50	433	32.684	32.751	-0.067	-0.21%	0.45%
50	434	32.671	32.734	-0.064	-0.19%	0.43%
50	435	32.658	32.731	-0.074	-0.23%	0.50%
50	436	32.663	32.731	-0.068	-0.21%	0.46%
50	437	32.662	32.721	-0.059	-0.18%	0.40%
0	442	32.678	32.705	-0.027	-0.08%	0.18%
Max		32.692	32.912	-0.027	-0.08%	1.69%
Average		32.673	32.765	-0.092	-0.28%	0.62%
Min		32.658	32.705	-0.250	-0.77%	0.18%
Std Dev		0.008	0.043	0.044	0.13%	0.29%



Vcc Zener Clamp Voltage; Icc25ma

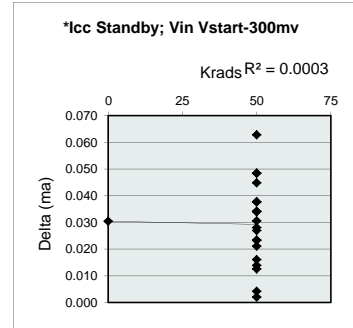
Test Site	MMT
Tester	LTX
Test Number	XPM01302
Max Limit	44.9 v
Min Limit	30.1 v
Krads	0 50
LL	30.100 30.100
Min	32.705 32.721
Average	32.705 32.768
Max	32.705 32.912
UL	44.900 44.900



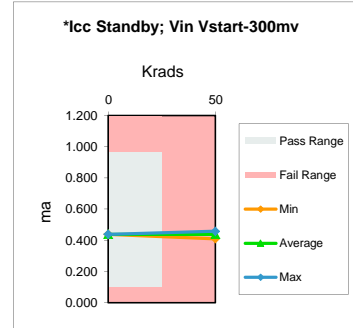
LDR Report  
UC1843-SP

*Icc Standby; Vin Vstart-300mv		
Test Site	MMT	MTF
Tester	LTX	LTX
Test Number	XPM01302	XPM01302
Unit	ma	ma
Max Limit	0.97	0.97
Min Limit	0.1	0.1

Krads	Serial #	Pre_Rad_25c	Post_Rad_50K	Delta	Delta %	% of Limit Range
50	409	0.469	0.434	0.034	7.30%	3.93%
50	410	0.469	0.424	0.045	9.58%	5.16%
50	411	0.469	0.420	0.049	10.35%	5.57%
50	412	0.453	0.430	0.023	5.16%	2.69%
50	413	0.469	0.431	0.038	8.07%	4.34%
50	414	0.464	0.448	0.016	3.47%	1.85%
50	418	0.470	0.421	0.049	10.32%	5.57%
50	421	0.470	0.457	0.013	2.68%	1.45%
50	422	0.458	0.454	0.004	0.92%	0.48%
50	423	0.469	0.435	0.034	7.26%	3.91%
50	424	0.466	0.438	0.028	6.01%	3.22%
50	427	0.472	0.409	0.063	13.30%	7.22%
50	429	0.458	0.424	0.034	7.43%	3.91%
50	431	0.458	0.435	0.023	5.09%	2.68%
50	432	0.469	0.447	0.021	4.50%	2.43%
50	433	0.458	0.456	0.002	0.44%	0.23%
50	434	0.470	0.456	0.014	2.96%	1.60%
50	435	0.478	0.440	0.038	7.86%	4.32%
50	436	0.486	0.456	0.031	6.29%	3.52%
50	437	0.470	0.443	0.027	5.75%	3.10%
0	442	0.469	0.438	0.030	6.49%	3.49%
Max		0.486	0.457	0.063	13.30%	7.22%
Average		0.467	0.438	0.029	6.25%	3.37%
Min		0.453	0.409	0.002	0.44%	0.23%
Std Dev		0.007	0.014	0.015	3.19%	1.73%



*Icc Standby; Vin Vstart-300mv		
Test Site	MMT	
Tester	LTX	
Test Number	XPM01302	
Max Limit	0.97	ma
Min Limit	0.1	ma
Krads	0	50
LL	0.100	0.100
Min	0.438	0.409
Average	0.438	0.438
Max	0.438	0.457
UL	0.970	0.970



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