

HIGH DOSE RADIATION TEST REPORT RHP51002-CSL

July 2026
Generic

Radiation Test Report	
Product:	RHP51002-CSL
Gamma:	0,30k
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	140 Rad/s
Facilities:	VPT RAD
Tested:	February 27th, 2026

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	SN	SET Pin Current, IN=-2.3V,SET=-1.5V,IL=1mA (uA)		Output Offset Voltage (VOUT-VSET), IN=-2.3V,SET=-1.5V,IL=1mA (mV)		SET Pin Current, IN=-20V,SET=-1.5V,IL=1mA (uA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-99.934	-99.939	-0.096	-0.123	-99.912	-99.917
30k Biased	3	-100.182	-99.597	0.049	-0.034	-100.172	-99.664
	4	-100.014	-99.565	-0.106	-0.185	-100.008	-99.596
	5	-100.003	-99.504	-0.058	-0.148	-99.987	-99.541
	6	-99.941	-99.507	-0.006	-0.094	-99.927	-99.502
	7	-99.831	-99.435	-0.139	-0.199	-99.808	-99.423
	8	-100.162	-99.616	-0.029	-0.110	-100.145	-99.635
	9	-99.885	-99.409	-0.072	-0.173	-99.877	-99.435
	10	-99.908	-99.294	0.038	-0.030	-99.899	-99.330
	11	-100.158	-99.698	0.023	-0.075	-100.137	-99.730
	12	-99.720	-99.396	-0.116	-0.181	-99.713	-99.404
	13	-100.190	-99.753	-0.086	-0.168	-100.189	-99.783
	14	-99.921	-99.322	-0.068	-0.133	-99.919	-99.385
	15	-100.313	-99.608	-0.039	-0.140	-100.305	-99.688
	16	-100.069	-99.514	0.169	0.089	-100.055	-99.572
	17	-100.226	-99.491	-0.032	-0.126	-100.193	-99.476
	18	-99.948	-99.482	-0.042	-0.111	-99.925	-99.497
	19	-99.918	-99.515	0.099	0.020	-99.908	-99.537
	20	-100.031	-99.562	-0.082	-0.159	-100.007	-99.588
	21	-99.968	-99.606	-0.105	-0.184	-99.950	-99.587
	22	-100.056	-99.574	0.025	-0.065	-100.041	-99.597
	23	-100.097	-99.381	-0.012	-0.083	-100.091	-99.462
	24	-100.341	-99.856	0.051	-0.020	-100.337	-99.896
	Min	-100.3409	-99.8564	-0.1386	-0.1990	-100.3373	-99.8958
	Max	-99.7201	-99.2940	0.1686	0.0889	-99.7125	-99.3302
	Mean	-100.0400	-99.5312	-0.0244	-0.1049	-100.0270	-99.5603
	Std. Dev	0.1569	0.1347	0.0757	0.0747	0.1573	0.1372
	Mean - 3 Sigma	-100.511	-99.935	-0.251	-0.329	-100.499	-99.972
	Mean + 3 Sigma	-99.569	-99.127	0.203	0.119	-99.555	-99.149

	SN	Line Regulation: ΔISET, IN=-2.3/-20V,SET=-1.5V (nA)		Output Offset Voltage (VOUT-VSET), IN=-20V,SET=-1.5V,IL=1mA (mV)		Line Regulation: ΔVOS, IN=-2.3/-20V,SET=-1.5V (uV)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	1.228	1.201	-0.075	-0.112	-0.626	-0.573
30k Biased	3	0.568	-3.692	0.050	-0.023	-0.069	-0.660
	4	0.356	-1.761	-0.112	-0.188	0.360	0.198
	5	0.878	-2.062	-0.047	-0.136	-0.625	-0.681
	6	0.732	0.264	-0.002	-0.084	-0.229	-0.536
	7	1.247	0.699	-0.134	-0.185	-0.240	-0.818
	8	0.944	-1.048	-0.014	-0.090	-0.846	-1.093
	9	0.471	-1.422	-0.091	-0.186	1.037	0.759
	10	0.531	-2.008	0.057	-0.005	-1.089	-1.409
	11	1.152	-1.732	0.035	-0.063	-0.655	-0.718
	12	0.420	-0.451	-0.119	-0.183	0.173	0.149
	13	0.025	-1.644	-0.088	-0.165	0.129	-0.159
	14	0.067	-3.515	-0.064	-0.122	-0.205	-0.596
	15	0.430	-4.418	-0.019	-0.118	-1.182	-1.266
	16	0.798	-3.222	0.204	0.126	-2.005	-2.117
	17	1.801	0.830	-0.053	-0.130	1.152	0.188
	18	1.303	-0.827	-0.033	-0.097	-0.510	-0.741
	19	0.509	-1.248	0.099	0.024	-0.806	-0.232
	20	1.303	-1.433	-0.119	-0.186	2.100	1.512
	21	1.014	1.076	-0.132	-0.200	1.500	0.938
	22	0.786	-1.281	0.017	-0.066	0.492	0.080
	23	0.355	-4.489	-0.017	-0.081	0.301	-0.114
	24	0.200	-2.191	0.029	-0.032	1.240	0.658
	Min	0.0249	-4.4888	-0.1344	-0.2004	-2.0054	-2.1168
	Max	1.8008	1.0756	0.2041	0.1264	2.1000	1.5121
	Mean	0.7223	-1.6176	-0.0251	-0.0996	0.0374	-0.3027
	Std. Dev	0.4508	1.5738	0.0842	0.0827	0.9669	0.8423
	Mean - 3 Sigma	-0.630	-6.339	-0.278	-0.348	-2.863	-2.829
	Mean + 3 Sigma	2.075	3.104	0.228	0.148	2.938	2.224

	SN	SET Pin Current, IN=-2.3V, SET=-.2V,IL=1mA (uA)		SET Pin Current, IN=-20V,SET=0V,IL=1mA (uA)		Change in ISET with VSET, IN=-20V,SET=0V/-1.5V (nA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-100.023	-100.022	-99.982	-99.983	-73.502	-78.100
30k Biased	3	-100.298	-99.847	-100.244	-99.806	-71.814	-154.512
	4	-100.114	-99.753	-100.081	-99.716	-77.504	-118.875
	5	-100.069	-99.693	-100.029	-99.661	-62.049	-114.873
	6	-100.041	-99.617	-99.988	-99.574	-56.272	-83.310
	7	-99.927	-99.567	-99.875	-99.519	-76.383	-102.213
	8	-100.246	-99.774	-100.212	-99.727	-64.305	-99.943
	9	-99.985	-99.574	-99.946	-99.541	-73.545	-111.424
	10	-99.987	-99.452	-99.945	-99.418	-50.539	-91.924
	11	-100.239	-99.882	-100.191	-99.840	-59.168	-109.678
	12	-99.821	-99.514	-99.798	-99.478	-82.131	-92.463
	13	-100.304	-99.935	-100.266	-99.900	-86.729	-122.920
	14	-100.042	-99.569	-100.003	-99.519	-87.864	-142.420
	15	-100.423	-99.924	-100.386	-99.887	-95.344	-218.264
	16	-100.176	-99.758	-100.134	-99.702	-82.713	-144.151
	17	-100.276	-99.604	-100.237	-99.538	-61.438	-72.934
	18	-100.023	-99.623	-99.973	-99.570	-51.106	-93.030
	19	-100.033	-99.675	-99.985	-99.638	-85.027	-96.523
	20	-100.107	-99.736	-100.070	-99.689	-74.084	-111.424
	21	-100.070	-99.681	-100.033	-99.643	-73.502	-82.049
	22	-100.163	-99.771	-100.115	-99.730	-82.160	-141.881
	23	-100.212	-99.682	-100.173	-99.635	-82.728	-174.623
	24	-100.454	-100.083	-100.412	-100.047	-76.383	-147.615
	Min	-100.4535	-100.0832	-100.4116	-100.0471	-95.3442	-218.2642
	Max	-99.8211	-99.4520	-99.7982	-99.4176	-50.5388	-62.0494
	Mean	-100.1373	-99.7142	-100.0952	-99.6718	-73.3086	-118.5022
	Std. Dev	0.1580	0.1580	0.1580	0.1547	12.4173	35.7649
	Mean - 3 Sigma	-100.611	-100.173	-100.569	-100.136	-110.561	-225.797
	Mean + 3 Sigma	-99.663	-99.256	-99.621	-99.208	-36.057	-11.208

	SN	SET Pin Current, IN=-20V,SET=-19.5V,IL=1mA (uA)		Change in ISET with VSET, IN=-20V,SET=-1.5V/-19.5V (nA)		Change in VOS with VSET, IN=-20V,SET=0V/-1.5V (uV)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-99.822	-99.825	-86.176	-89.399	-82.241	-89.070
30k Biased	3	-100.152	-99.495	-20.693	-156.811	35.096	117.057
	4	-99.869	-99.441	-133.863	-156.229	-104.343	-68.283
	5	-99.922	-99.381	-44.209	-165.426	-22.616	59.475
	6	-99.757	-99.312	-174.623	-179.192	-22.018	56.233
	7	-99.670	-99.322	-128.668	-94.791	11.214	73.147
	8	-99.951	-99.422	-196.436	-204.454	-220.106	-207.597
	9	-99.695	-99.273	-178.028	-156.244	-333.677	-377.878
	10	-99.759	-99.073	-135.551	-252.723	-48.721	4.687
	11	-99.921	-99.496	-211.338	-234.941	-88.359	-23.168
	12	-99.428	-99.172	-287.764	-213.084	-89.146	-107.851
	13	-100.033	-99.578	-147.033	-198.721	-4.635	-22.291
	14	-99.779	-99.221	-136.162	-156.244	198.650	244.090
	15	-100.191	-99.505	-99.360	-163.665	145.640	130.004
	16	-99.842	-99.326	-209.635	-232.045	-296.527	-209.462
	17	-99.977	-99.289	-198.721	-175.773	-258.473	-252.999
	18	-99.794	-99.344	-128.654	-133.266	-88.191	-27.078
	19	-99.802	-99.372	-97.643	-169.413	-47.308	28.203
	20	-99.859	-99.424	-136.701	-153.348	-337.339	-351.240
	21	-99.867	-99.445	-92.507	-135.551	124.478	160.384
	22	-100.032	-99.473	-1.121	-115.469	-36.815	36.364
	23	-100.012	-99.241	-77.504	-219.399	-116.545	-42.713
	24	-100.157	-99.725	-178.028	-174.012	-38.418	27.610
	Min	-100.1910	-99.7254	-287.7641	-252.7231	-337.3392	-377.8781
	Max	-99.4283	-99.0729	-1.1205	-94.7912	198.6501	244.0903
	Mean	-99.8849	-99.3787	-137.0109	-174.5820	-74.4622	-34.2411
	Std. Dev	0.1782	0.1440	67.2573	39.7236	144.8031	160.6669
	Mean - 3 Sigma	-100.420	-99.811	-338.763	-293.753	-608.872	-516.242
	Mean + 3 Sigma	-99.350	-98.947	64.761	-55.411	359.947	447.759

	SN	Output Offset Voltage (VOUT-VSET), IN=-20V,SET=-19.5V,IL=1mA (mV)		Change in VOS with VSET, IN=-20V,SET=-1.5V/-19.5V (uV)		SET Pin Current, IN=-2.3V,SET=-1.5V,IL=5A (uA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-0.036	-0.064	-61.400	-69.865	-99.934	-99.941
30k Biased	3	0.075	0.002	-33.866	-31.705	-100.184	-99.604
	4	-0.055	-0.141	-68.664	-62.050	-100.017	-99.565
	5	-0.050	-0.121	-5.778	-28.985	-100.004	-99.512
	6	0.000	-0.042	-8.466	-47.233	-99.943	-99.512
	7	-0.117	-0.120	-28.297	-63.918	-99.832	-99.440
	8	-0.020	-0.047	-8.133	-44.868	-100.164	-99.622
	9	-0.053	-0.127	-63.258	-63.764	-99.886	-99.415
	10	0.082	-0.010	-34.952	-5.079	-99.911	-99.298
	11	0.079	-0.026	-56.575	-41.969	-100.160	-99.699
	12	-0.063	-0.140	-71.466	-53.831	-99.723	-99.399
	13	-0.034	-0.123	-67.635	-46.108	-100.191	-99.753
	14	-0.038	-0.132	-27.477	-3.700	-99.923	-99.328
	15	-0.016	-0.080	-17.771	-39.814	-100.314	-99.616
	16	0.177	0.156	22.596	-42.846	-100.071	-99.514
	17	-0.064	-0.086	1.050	-46.831	-100.228	-99.498
	18	-0.024	-0.058	22.965	-43.656	-99.949	-99.485
	19	0.114	0.097	-17.372	-89.984	-99.916	-99.518
	20	-0.090	-0.101	-29.689	-85.788	-100.033	-99.564
	21	-0.053	-0.148	-93.968	-71.698	-99.969	-99.609
	22	0.059	-0.002	-51.484	-63.895	-100.056	-99.578
	23	0.003	-0.071	-28.942	-18.916	-100.099	-99.381
	24	0.045	0.007	-35.065	-48.639	-100.343	-99.861
	Min	-0.1171	-0.1479	-93.9683	-89.9837	-100.3432	-99.8608
	Max	0.1773	0.1558	22.5958	-3.6997	-99.7227	-99.2977
	Mean	-0.0019	-0.0597	-33.5945	-47.5585	-100.0417	-99.5350
	Std. Dev	0.0735	0.0791	27.4287	21.9211	0.1571	0.1344
	Mean - 3 Sigma	-0.222	-0.297	-115.690	-113.322	-100.513	-99.938
	Mean + 3 Sigma	0.219	0.178	48.691	18.205	-99.570	-99.132

	SN	Load Regulation: ΔISET, SET=-1.5V,IL=1mA-5A (nA)		Output Offset Voltage (VOUT-VSET), IN=-2.3V,SET=-1.5V,IL=5A (mV)		Load Regulation: ΔVOS, SET=-1.5V,IL=1mA-5A (uV)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-0.673	-1.450	-0.065	-0.102	35.810	27.478
30k Biased	3	-2.282	-6.204	0.073	-0.009	24.330	41.642
	4	-2.579	-4.998	-0.082	-0.164	27.115	37.659
	5	-0.563	-7.858	-0.029	-0.118	37.832	32.359
	6	-2.704	-4.668	0.010	-0.063	23.375	31.347
	7	-1.246	-4.334	-0.114	-0.175	34.170	27.192
	8	-2.474	-6.407	-0.012	-0.076	27.110	28.870
	9	-0.415	-5.591	-0.063	-0.142	33.331	32.397
	10	-2.392	-3.593	0.052	-0.010	26.237	20.284
	11	-1.899	-1.000	0.046	-0.046	26.753	22.978
	12	-2.581	-3.257	-0.087	-0.163	24.998	28.640
	13	-1.346	-0.092	-0.051	-0.138	38.366	34.628
	14	-2.039	-5.457	-0.040	-0.119	32.340	27.630
	15	-1.586	-7.461	-0.017	-0.115	30.033	30.472
	16	-1.770	-0.297	0.192	0.104	27.478	21.374
	17	-2.907	-7.205	-0.006	-0.098	24.382	29.346
	18	-0.862	-3.139	-0.019	-0.086	27.152	27.916
	19	-0.443	-3.755	0.125	0.037	38.346	20.136
	20	-2.604	-1.484	-0.057	-0.132	27.592	31.674
	21	-0.716	-3.118	-0.082	-0.172	26.295	18.686
	22	-0.397	-3.479	0.054	-0.036	33.865	33.159
	23	-1.070	-0.376	0.003	-0.057	25.890	25.627
	24	-2.274	-4.433	0.066	0.011	26.849	31.077
	Min	-2.9074	-7.8578	-0.1136	-0.1752	23.3745	18.6864
	Max	-0.3967	-0.0917	0.1919	0.1041	38.3658	41.6415
	Mean	-1.6886	-3.8047	-0.0017	-0.0803	29.2654	28.8678
	Std. Dev	0.8555	2.4361	0.0746	0.0741	4.7450	5.7678
	Mean - 3 Sigma	-4.255	-11.113	-0.226	-0.303	15.031	11.564
	Mean + 3 Sigma	0.878	3.504	0.222	0.142	43.500	46.171

	SN	SET Pin Current, IN=-2.3V,SET=-.2V,IL=5A (uA)		Output Offset Voltage (VOUT-VSET), IN=-2.3V,SET=-.2V,IL=5A (mV)		SET Pin Current, IN=-20V,SET=-19.5V,IL=5A (uA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-100.020	-100.020	-0.108	-0.146	-99.908	-99.901
30k Biased	3	-100.296	-99.846	0.109	0.112	-100.216	-99.608
	4	-100.112	-99.749	-0.162	-0.209	-99.935	-99.508
	5	-100.067	-99.689	-0.045	-0.057	-99.981	-99.472
	6	-100.038	-99.615	0.024	0.028	-99.816	-99.425
	7	-99.923	-99.564	-0.061	-0.036	-99.780	-99.415
	8	-100.243	-99.770	-0.190	-0.243	-100.029	-99.511
	9	-99.991	-99.571	-0.347	-0.468	-99.816	-99.350
	10	-99.985	-99.448	0.046	0.030	-99.841	-99.198
	11	-100.237	-99.879	0.000	-0.014	-100.003	-99.586
	12	-99.818	-99.512	-0.174	-0.248	-99.551	-99.249
	13	-100.301	-99.931	-0.046	-0.146	-100.089	-99.657
	14	-100.039	-99.567	0.176	0.131	-99.881	-99.304
	15	-100.420	-99.921	0.132	0.030	-100.278	-99.602
	16	-100.173	-99.755	-0.086	-0.083	-99.944	-99.447
	17	-100.274	-99.602	-0.240	-0.297	-100.048	-99.371
	18	-100.020	-99.618	-0.087	-0.103	-99.875	-99.409
	19	-100.030	-99.670	0.059	0.049	-99.891	-99.477
	20	-100.104	-99.733	-0.372	-0.450	-99.925	-99.522
	21	-100.069	-99.679	-0.008	-0.029	-99.957	-99.540
	22	-100.160	-99.770	0.033	0.021	-100.108	-99.585
	23	-100.209	-99.678	-0.087	-0.063	-100.096	-99.376
	24	-100.450	-100.080	0.033	0.035	-100.250	-99.822
	Min	-100.4503	-100.0800	-0.3724	-0.4680	-100.2784	-99.8216
	Max	-99.8182	-99.4477	0.1758	0.1315	-99.5506	-99.1977
	Mean	-100.1346	-99.7114	-0.0588	-0.0913	-99.9686	-99.4742
	Std. Dev	0.1581	0.1529	0.1435	0.1656	0.1685	0.1422
	Mean - 3 Sigma	-100.609	-100.170	-0.489	-0.588	-100.474	-99.901
	Mean + 3 Sigma	-99.660	-99.253	0.372	0.405	-99.463	-99.048

	SN	Output Offset Voltage (VOUT-VSET), IN=-20V,SET=-19.5V,IL=5A (mV)		GND Pin Current, IN=-2.3V,RSET=15K,IL=10UA (mA)		GND Pin Current, IN=-3V,RSET=30K,IL=1MA (mA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-0.067	-0.092	2.226	2.221	2.306	2.303
30k Biased	3	0.090	0.043	2.274	2.242	2.371	2.283
	4	-0.062	-0.128	2.207	2.185	2.295	2.232
	5	-0.023	-0.072	2.220	2.218	2.306	2.243
	6	-0.009	-0.032	2.227	2.216	2.315	2.269
	7	-0.114	-0.098	2.279	2.288	2.372	2.315
	8	0.003	-0.039	2.303	2.320	2.427	2.349
	9	-0.051	-0.087	2.281	2.250	2.386	2.315
	10	0.064	0.062	2.336	2.332	2.426	2.362
	11	0.048	-0.021	2.318	2.311	2.400	2.341
	12	-0.068	-0.076	2.277	2.267	2.363	2.332
	13	-0.073	-0.106	2.342	2.327	2.434	2.373
	14	-0.005	-0.089	2.234	2.202	2.323	2.249
	15	0.044	-0.064	2.306	2.244	2.389	2.268
	16	0.206	0.156	2.224	2.206	2.314	2.259
	17	0.002	-0.084	2.245	2.215	2.345	2.221
	18	-0.020	-0.026	2.235	2.260	2.345	2.310
	19	0.155	0.086	2.298	2.290	2.395	2.351
	20	-0.027	-0.111	2.240	2.241	2.325	2.278
	21	-0.064	-0.119	2.276	2.266	2.368	2.313
	22	0.037	0.022	2.301	2.289	2.377	2.290
	23	0.016	-0.034	2.278	2.259	2.362	2.284
	24	0.051	0.066	2.248	2.248	2.344	2.280
	Min	-0.1140	-0.1278	2.2071	2.1848	2.2949	2.2209
	Max	0.2063	0.1558	2.3420	2.3316	2.4335	2.3734
	Mean	0.0091	-0.0340	2.2704	2.2576	2.3628	2.2962
	Std. Dev	0.0759	0.0764	0.0387	0.0418	0.0401	0.0432
	Mean - 3 Sigma	-0.218	-0.263	2.154	2.132	2.243	2.167
	Mean + 3 Sigma	0.236	0.195	2.386	2.383	2.483	2.426

	SN	GND Pin Current, IN=-3V,RSET=30K,IL=50MA (mA)		GND Pin Current, IN=-3V,RSET=30K,IL=.1A (mA)		GND Pin Current, IN=-3V,RSET=30K,IL=.5A (mA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	2.989	2.988	3.713	3.714	11.587	11.615
30k Biased	3	3.033	2.942	3.742	3.639	11.577	11.801
	4	2.977	2.933	3.709	3.624	11.604	11.814
	5	2.986	2.943	3.705	3.617	11.498	11.680
	6	3.000	2.960	3.721	3.652	11.686	11.871
	7	3.049	3.018	3.769	3.746	11.703	11.892
	8	3.079	2.961	3.794	3.695	11.643	11.877
	9	3.048	2.995	3.755	3.674	11.644	11.832
	10	3.060	3.030	3.791	3.765	11.563	11.797
	11	3.088	3.037	3.816	3.789	11.778	11.979
	12	3.041	3.020	3.766	3.769	11.641	11.826
	13	3.124	3.073	3.857	3.765	11.859	12.037
	14	3.006	2.940	3.709	3.620	11.517	11.716
	15	3.059	2.901	3.779	3.627	11.543	11.790
	16	2.984	2.944	3.689	3.624	11.521	11.717
	17	3.024	2.877	3.745	3.590	11.562	11.770
	18	3.020	2.996	3.735	3.740	11.698	11.894
	19	3.044	3.016	3.759	3.741	11.498	11.696
	20	2.998	2.971	3.724	3.656	11.572	11.771
	21	3.039	2.993	3.764	3.682	11.521	11.676
	22	3.068	3.001	3.801	3.692	11.679	11.894
	23	3.039	2.973	3.745	3.637	11.496	11.686
	24	3.005	2.967	3.725	3.650	11.578	11.780
	Min	2.9771	2.8775	3.6893	3.5900	11.4955	11.6760
	Max	3.1235	3.0734	3.8573	3.7894	11.8591	12.0370
	Mean	3.0360	2.9769	3.7542	3.6815	11.6083	11.8089
	Std. Dev	0.0376	0.0465	0.0407	0.0606	0.0965	0.0963
	Mean - 3 Sigma	2.923	2.838	3.632	3.500	11.319	11.520
	Mean + 3 Sigma	3.149	3.116	3.876	3.863	11.898	12.098

	SN	Dropout Voltage, IL=5A, RSET=30K (mV)		Dropout Voltage, IL=1A, RSET=30K (mV)		Dropout Voltage, IL=1mA, RSET=30K (mV)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-225.871	-225.608	-183.075	-182.894	-182.579	-182.516
30k Biased	3	-223.921	-228.636	-185.402	-190.809	-181.754	-190.022
	4	-226.215	-228.474	-183.104	-189.050	-182.579	-188.377
	5	-227.860	-230.610	-182.789	-189.355	-182.384	-188.701
	6	-226.210	-228.489	-182.160	-188.172	-181.740	-187.438
	7	-223.072	-227.659	-181.273	-189.092	-180.763	-188.134
	8	-220.836	-226.352	-185.898	-190.075	-181.363	-188.854
	9	-221.904	-227.767	-181.893	-190.428	-181.511	-188.973
	10	-219.310	-223.682	-181.297	-194.404	-180.829	-186.608
	11	-222.290	-224.998	-185.646	-187.748	-181.244	-186.608
	12	-222.705	-223.415	-181.831	-184.844	-181.506	-184.105
	13	-221.985	-223.873	-185.741	-187.605	-181.287	-185.764
	14	-227.225	-231.626	-182.880	-192.921	-182.308	-191.944
	15	-223.511	-243.070	-185.941	-209.639	-182.670	-208.900
	16	-227.116	-229.390	-184.825	-188.930	-182.350	-188.091
	17	-225.762	-247.104	-185.975	-213.769	-185.436	-213.230
	18	-225.342	-226.829	-182.493	-187.605	-182.060	-186.751
	19	-219.849	-221.093	-182.007	-194.676	-181.554	-184.357
	20	-226.296	-227.802	-187.071	-188.434	-182.746	-187.671
	21	-225.866	-227.339	-182.865	-188.224	-182.231	-187.176
	22	-223.735	-228.813	-187.200	-199.788	-182.865	-191.071
	23	-225.800	-231.469	-186.432	-193.360	-182.160	-192.411
	24	-225.895	-234.020	-182.923	-197.213	-182.465	-189.274
	Min	-227.8596	-247.1042	-187.2001	-213.7686	-185.4356	-213.2298
	Max	-219.3101	-221.0928	-181.2727	-184.8435	-180.7626	-184.1047
	Mean	-224.2139	-229.2014	-183.9638	-192.5517	-182.0821	-190.2026
	Std. Dev	2.4664	5.9740	2.0087	7.1465	0.9662	7.1016
	Mean - 3 Sigma	-216.613	-247.123	-190.010	-213.991	-184.981	-211.507
	Mean + 3 Sigma	-216.815	-211.279	-177.958	-171.112	-179.183	-168.898

	SN	Positive EN/UV Trip Point Rising (Turn-On), VIN = -2.3V (V)		Positive EN/UV Trip Point Hysteresis, VIN = -2.3V (V)		Negative EN/UV Trip Point Rising (Turn-On), VIN = -2.3V (V)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	1.267	1.267	0.203	0.197	-1.271	-1.271
30k Biased	3	1.271	1.363	0.215	0.219	-1.271	-1.355
	4	1.263	1.347	0.203	0.201	-1.267	-1.335
	5	1.271	1.363	0.203	0.207	-1.275	-1.343
	6	1.267	1.351	0.197	0.195	-1.271	-1.331
	7	1.263	1.347	0.197	0.195	-1.263	-1.323
	8	1.263	1.363	0.197	0.201	-1.267	-1.339
	9	1.267	1.347	0.197	0.201	-1.267	-1.327
	10	1.263	1.355	0.203	0.207	-1.263	-1.323
	11	1.259	1.343	0.203	0.201	-1.263	-1.319
	12	1.267	1.331	0.197	0.201	-1.267	-1.307
	13	1.267	1.339	0.197	0.201	-1.271	-1.319
	14	1.279	1.375	0.209	0.213	-1.271	-1.331
	15	1.271	1.443	0.209	0.219	-1.275	-1.391
	16	1.267	1.355	0.203	0.207	-1.263	-1.319
	17	1.267	1.443	0.215	0.225	-1.267	-1.399
	18	1.263	1.331	0.197	0.195	-1.271	-1.315
	19	1.271	1.343	0.197	0.195	-1.275	-1.323
	20	1.271	1.343	0.209	0.213	-1.267	-1.319
	21	1.275	1.347	0.209	0.207	-1.267	-1.319
	22	1.279	1.391	0.215	0.219	-1.279	-1.355
	23	1.267	1.375	0.209	0.207	-1.271	-1.339
	24	1.267	1.343	0.209	0.213	-1.275	-1.339
	Min	1.2590	1.3310	0.1970	0.1950	-1.2790	-1.3990
	Max	1.2790	1.4430	0.2150	0.2250	-1.2630	-1.3070
	Mean	1.2681	1.3608	0.2041	0.2065	-1.2694	-1.3350
	Std. Dev	0.0051	0.0303	0.0066	0.0089	0.0046	0.0230
	Mean - 3 Sigma	1.253	1.270	0.184	0.180	-1.283	-1.404
	Mean + 3 Sigma	1.283	1.452	0.224	0.233	-1.256	-1.266

	SN	Negative EN/UV Trip Point Hysteresis, VIN = -2.3V (V)		EN/UV Pin Current, IN=-20V,EN=0V,IL=1.5K,RSET=15K (uA)		EN/UV Pin Current, IN=-20V,EN=1.5V,RSET=15K (uA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-0.222	-0.222	-0.013	-0.009	7.469	7.464
30k Biased	3	-0.230	-0.238	-0.016	-0.012	7.910	7.684
	4	-0.226	-0.230	-0.019	-0.009	7.458	7.303
	5	-0.230	-0.234	-0.020	-0.013	7.509	7.333
	6	-0.226	-0.230	-0.018	-0.013	7.458	7.339
	7	-0.226	-0.230	-0.020	-0.014	7.611	7.485
	8	-0.226	-0.230	-0.017	-0.006	7.765	7.610
	9	-0.226	-0.230	-0.022	-0.011	7.670	7.531
	10	-0.230	-0.230	-0.022	-0.008	7.835	7.667
	11	-0.226	-0.226	-0.014	-0.006	7.835	7.682
	12	-0.226	-0.226	-0.018	-0.009	7.583	7.494
	13	-0.222	-0.226	-0.022	-0.011	7.962	7.837
	14	-0.226	-0.230	-0.016	-0.008	7.670	7.494
	15	-0.226	-0.242	-0.020	-0.013	7.869	7.549
	16	-0.226	-0.230	-0.016	-0.009	7.636	7.464
	17	-0.218	-0.230	-0.020	-0.008	7.924	7.615
	18	-0.230	-0.230	-0.021	-0.011	7.500	7.393
	19	-0.230	-0.230	-0.016	-0.008	7.623	7.527
	20	-0.226	-0.226	-0.021	-0.004	7.728	7.628
	21	-0.226	-0.230	-0.014	-0.008	7.814	7.697
	22	-0.226	-0.234	-0.023	-0.001	8.076	7.868
	23	-0.222	-0.230	-0.011	-0.013	7.792	7.589
	24	-0.226	-0.234	-0.016	-0.013	7.812	7.621
	Min	-0.2300	-0.2421	-0.0226	-0.0138	7.4575	7.3031
	Max	-0.2180	-0.2261	-0.0105	-0.0005	8.0761	7.8680
	Mean	-0.2262	-0.2308	-0.0182	-0.0095	7.7291	7.5641
	Std. Dev	0.0029	0.0038	0.0033	0.0034	0.1713	0.1490
	Mean - 3 Sigma	-0.235	-0.242	-0.028	-0.020	7.215	7.117
	Mean + 3 Sigma	-0.218	-0.219	-0.008	0.001	8.243	8.011

		EN/UV Pin Current, IN=-20V,EN=-1.5V,RSET=15K (uA)		EN/UV Pin Current, IN=EN=-20V,IL=1.5K,RSET=15K (uA)		EN/UV Pin Current, IN=0V,EN=-20V,IL=1.5K,RSET=15K (uA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-0.469	-0.461	-17.984	-18.012	24.459	24.460
	3	-0.482	-0.466	-18.548	-18.576	25.670	25.675
30k Biased	4	-0.473	-0.462	-18.003	-18.019	24.428	24.422
	5	-0.489	-0.436	-17.771	-17.784	24.244	24.231
	6	-0.466	-0.439	-17.811	-17.820	24.260	24.279
	7	-0.473	-0.463	-18.332	-18.337	24.799	24.834
	8	-0.480	-0.464	-18.498	-18.501	25.217	25.283
	9	-0.470	-0.453	-18.309	-18.319	24.932	24.961
	10	-0.489	-0.471	-18.427	-18.438	25.331	25.346
	11	-0.483	-0.459	-18.255	-18.268	25.190	25.191
	12	-0.459	-0.447	-17.687	-17.703	24.460	24.460
	13	-0.485	-0.469	-19.014	-19.033	26.051	26.091
	14	-0.462	-0.443	-17.749	-17.767	24.489	24.500
	15	-0.478	-0.462	-18.678	-18.690	25.635	25.699
	16	-0.469	-0.452	-17.794	-17.810	24.624	24.586
	17	-0.475	-0.447	-18.294	-18.302	25.497	25.477
	18	-0.469	-0.452	-18.028	-18.042	24.565	24.575
	19	-0.478	-0.458	-18.224	-18.244	24.828	24.852
	20	-0.473	-0.458	-18.133	-18.159	24.962	25.022
	21	-0.478	-0.453	-18.046	-18.064	24.972	25.015
	22	-0.469	-0.456	-18.471	-18.484	25.773	25.771
	23	-0.466	-0.447	-18.063	-18.066	25.075	25.066
	24	-0.475	-0.452	-18.332	-18.340	25.316	25.295
		Min	-0.4895	-0.4712	-19.0331	24.2440	24.2307
		Max	-0.4564	-0.4360	-17.6868	26.0505	26.0906
		Mean	-0.4728	-0.4536	-18.1984	25.0144	25.0241
		Std. Dev	0.0088	0.0087	0.3296	0.5118	0.5132
		Mean - 3 Sigma	-0.499	-0.480	-19.187	23.479	23.484
		Mean + 3 Sigma	-0.447	-0.427	-17.221	26.550	26.564

		Quiescent Current in Shutdown (VEN/UV = 0V), EN=0V,IL=1.5K,RSET=15K (uA)		Programmable Current Limit, IN=-2.3V,OUT=0V,ILIM=37.5K (mA)		Programmable Current Limit, IN=-2.3V,OUT=0V,ILIM=7.5K (mA)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	-2.678	-2.694	105.871	105.956	500.794	501.792
	3	-2.769	-5.263	109.081	109.318	499.953	508.299
30k Biased	4	-2.685	-7.542	106.170	106.138	500.908	510.220
	5	-2.679	-7.130	108.555	108.808	497.800	507.437
	6	-2.680	-9.061	108.012	108.322	495.749	501.830
	7	-2.741	-7.376	110.243	110.291	497.566	503.887
	8	-2.838	-5.121	107.574	107.131	493.584	503.118
	9	-2.786	-4.736	108.960	109.386	495.006	501.168
	10	-2.807	-4.136	103.242	103.616	485.216	495.117
	11	-2.762	-5.385	108.630	108.809	493.322	498.059
	12	-2.688	-8.594	104.817	104.659	496.206	500.649
	13	-2.892	-4.012	106.258	106.283	488.431	492.256
	14	-2.662	-3.024	106.581	106.735	493.733	500.610
	15	-2.846	-3.114	108.049	108.379	496.559	506.886
	16	-2.687	-7.618	105.650	105.805	497.785	505.037
	17	-2.768	-2.937	105.588	105.327	501.605	512.549
	18	-2.709	-9.680	105.394	105.864	492.440	498.971
	19	-2.729	-8.102	109.522	109.694	495.488	500.861
	20	-2.721	-8.157	106.622	109.623	498.943	505.637
	21	-2.696	-3.733	103.767	103.488	489.617	496.022
	22	-2.820	-3.193	106.446	106.550	494.510	501.967
	23	-2.743	-3.252	107.039	107.179	497.380	507.882
	24	-2.733	-4.968	106.356	106.548	496.533	503.475
		Min	-2.8920	103.2424	103.4881	485.2164	492.2563
		Max	-2.6619	110.2429	110.2909	501.6048	512.5486
		Mean	-2.7473	107.0253	107.1888	495.3788	502.7793
		Std. Dev	0.0629	2.2279	1.8652	3.9725	5.0405
		Mean - 3 Sigma	-2.936	12.417	101.220	483.461	487.658
		Mean + 3 Sigma	-2.559	0.950	112.621	507.296	517.901

		Internal Current Limit, IN=-20V,OUT=0V,RSET=15K (mA)		Internal Current Limit, IN=-2.3V,OUT=0V,RSET=15K (mA)		PGFB Trip Point Rising (mV)	
		PRE	POST	PRE	POST	PRE	POST
CTRL	1	87.435	87.368	766.141	766.186	-297.194	-297.194
	3	91.936	91.950	774.038	776.946	-296.714	-295.274
30k Biased	4	89.003	89.505	758.905	762.488	-296.234	-294.794
	5	88.354	89.354	753.399	757.134	-296.714	-295.274
	6	91.127	90.383	766.223	768.846	-296.234	-294.794
	7	90.366	90.988	773.167	776.502	-296.714	-294.794
	8	87.854	89.102	784.473	788.137	-296.714	-295.274
	9	83.377	83.277	770.014	773.437	-296.234	-295.274
	10	81.775	83.131	771.960	777.288	-297.194	-296.234
	11	86.028	86.788	780.070	784.104	-297.674	-296.234
	12	94.189	92.978	778.085	780.893	-299.593	-298.633
	13	93.274	94.122	798.507	801.541	-298.633	-296.714
	14	86.125	86.033	769.808	763.154	-296.714	-295.754
	15	93.576	94.453	780.608	782.586	-298.633	-295.274
	16	95.639	96.252	764.581	767.979	-296.234	-294.794
	17	89.374	90.037	771.437	772.357	-299.113	-296.234
	18	92.306	91.984	762.122	765.527	-296.234	-295.274
	19	85.256	85.695	769.274	772.343	-297.674	-296.714
	20	88.735	87.710	765.722	768.552	-296.714	-295.274
	21	92.382	93.385	769.841	775.343	-297.194	-296.714
	22	85.879	86.395	778.214	782.187	-298.154	-296.234
	23	89.598	89.729	764.553	768.603	-298.154	-296.714
	24	93.276	94.121	766.314	771.294	-297.194	-296.234
		Min	81.7751	83.1305	753.3989	757.1341	-299.5931
		Max	95.6389	96.2521	798.5072	801.5407	-296.2339
		Mean	89.5195	89.8806	770.9697	774.4654	-297.3027
		Std. Dev	3.8963	3.6418	9.8824	9.8607	1.0146
		Mean - 3 Sigma	78.431	78.955	741.323	744.883	-300.346
		Mean + 3 Sigma	100.608	100.806	800.617	804.047	-294.259

		PGFB Trip Point Hysteresis (mV)		Fast Start-Up SET Pin Current, IN=-2.5V,VPG=-270mV (mA)		PGFB Pin Current, IN=-2.3V,VPGFB=-289mV (uA)		
	SN	PRE	POST	PRE	POST	PRE	POST	
CTRL	1	-5.675	-5.675	1.759	1.758	-0.062	-0.060	
	3	-5.675	-5.196	1.795	1.746	-0.067	-0.050	
30k Biased	4	-5.676	-5.196	1.752	1.694	-0.063	-0.054	
	5	-5.675	-5.196	1.754	1.706	-0.061	-0.048	
	6	-5.676	-5.196	1.738	1.670	-0.059	-0.055	
	7	-6.155	-5.196	1.758	1.688	-0.043	-0.048	
	8	-5.675	-4.716	1.794	1.759	-0.061	-0.052	
	9	-5.676	-5.196	1.763	1.736	-0.058	-0.035	
	10	-6.155	-5.196	1.791	1.763	-0.059	-0.052	
	11	-6.155	-5.196	1.782	1.753	-0.063	-0.057	
	12	-5.674	-5.675	1.801	1.771	-0.057	-0.052	
	13	-6.155	-5.675	1.856	1.832	-0.054	-0.036	
	14	-5.675	-5.676	1.751	1.726	-0.061	-0.053	
	15	-6.155	-4.716	1.812	1.765	-0.063	-0.049	
	16	-5.676	-5.196	1.744	1.672	-0.060	-0.053	
	17	-5.675	-4.715	1.773	1.721	-0.063	-0.062	
	18	-5.676	-30.638	1.754	1.702	-0.061	-0.049	
	19	-5.675	-5.195	1.784	1.728	-0.063	-0.052	
	20	-6.155	-5.196	1.754	1.694	-0.057	-0.052	
	21	-5.675	-5.195	1.766	1.746	-0.058	-0.054	
	22	-6.155	-5.196	1.807	1.780	-0.058	-0.053	
	23	-6.155	-5.195	1.792	1.766	-0.062	-0.051	
	24	-5.675	-5.196	1.800	1.766	-0.065	-0.049	
		Min	-6.1554	-30.6380	1.7376	1.6696	-0.0668	-0.0622
		Max	-5.6745	-4.7154	1.8557	1.8316	-0.0433	-0.0348
		Mean	-5.8498	-6.3521	1.7782	1.7356	-0.0597	-0.0507
	Std. Dev	0.2363	5.4304	0.0282	0.0400	0.0048	0.0059	
	Mean - 3 Sigma	-6.559	-22.643	1.694	1.616	-0.074	-0.068	
	Mean + 3 Sigma	-5.141	9.939	1.863	1.855	-0.045	-0.033	

		PG Output Low Voltage, IN=EN=-2.3V,PG=100uA (mV)		PG Leakage Current, IN=-2.3V,RSET=15K,PG=20V (uA)		VIOC Voltage for Low Output Voltages, IN=-2.3V,SET=0V,VIOC=0uV (V)	
	SN	PRE	POST	PRE	POST	PRE	POST
CTRL	1	15.949	16.462	0.096	0.220	-0.780	-0.782
	3	15.796	30.968	0.099	0.222	-0.777	-0.776
	4	16.008	54.618	0.097	0.219	-0.784	-0.779
	5	15.379	57.974	0.093	0.216	-0.781	-0.776
	6	14.001	60.872	0.096	0.217	-0.788	-0.784
	7	14.735	34.476	0.095	0.211	-0.788	-0.782
	8	14.251	24.249	0.100	0.213	-0.783	-0.778
	9	14.440	22.418	0.101	0.218	-0.785	-0.782
	10	14.995	17.995	0.098	0.218	-0.785	-0.778
	11	13.508	23.486	0.098	0.217	-0.782	-0.773
	12	13.999	35.094	0.099	0.216	-0.771	-0.768
	13	15.050	19.825	0.097	0.220	-0.774	-0.772
	14	15.625	18.605	0.096	0.218	-0.788	-0.782
	15	16.921	21.198	0.099	0.221	-0.782	-0.776
	16	15.491	44.246	0.096	0.219	-0.789	-0.784
	17	15.584	19.368	0.098	0.218	-0.784	-0.779
	18	14.197	70.634	0.094	0.224	-0.787	-0.782
	19	14.538	39.975	0.095	0.214	-0.786	-0.781
	20	15.260	43.026	0.094	0.220	-0.783	-0.778
	21	14.709	17.987	0.095	0.216	-0.784	-0.777
	22	15.832	18.605	0.102	0.218	-0.779	-0.772
	23	15.014	17.537	0.090	0.218	-0.778	-0.773
	24	15.279	27.155	0.098	0.212	-0.782	-0.772
	30k Biased	Min	13.5077	17.5375	0.0895	0.2111	-0.7889
Max		16.9211	70.6338	0.1022	0.2238	-0.7712	-0.7675
Mean		15.0278	32.7414	0.0969	0.2176	-0.7827	-0.7775
Std. Dev		0.7987	16.1613	0.0029	0.0031	0.0047	0.0045
Mean - 3 Sigma		12.632	-15.743	0.088	0.208	-0.797	-0.791
	Mean + 3 Sigma	17.424	81.225	0.106	0.227	-0.769	-0.764

		VIOC Maximum Output Voltage Swing, IN=-5V,SET=-3V,IL=1mA,VIOC=0uA		VIOC Sink Current, IN=-5V,SET=-3V,IL=1mA,VIOC=-1V (mA)		Thermal Regulation (%/W)	
	SN	PRE	POST	PRE	POST	PRE	POST
CTRL	1	-1.380	-1.380	0.451	0.452	0.003	0.002
	3	-1.377	-1.382	0.460	0.466	0.004	0.014
	4	-1.373	-1.377	0.443	0.448	0.003	0.015
	5	-1.379	-1.384	0.454	0.460	0.004	0.016
	6	-1.373	-1.378	0.448	0.453	0.004	0.010
	7	-1.376	-1.380	0.466	0.472	0.005	0.016
	8	-1.376	-1.382	0.477	0.484	0.003	0.016
	9	-1.374	-1.378	0.468	0.473	0.005	0.013
	10	-1.379	-1.385	0.478	0.485	0.007	0.017
	11	-1.380	-1.385	0.473	0.480	0.003	0.013
	12	-1.393	-1.398	0.482	0.488	0.004	0.011
	13	-1.385	-1.390	0.482	0.488	0.004	0.011
	14	-1.374	-1.379	0.452	0.459	0.004	0.015
	15	-1.381	-1.385	0.469	0.473	0.002	0.019
	16	-1.375	-1.380	0.448	0.454	0.003	0.009
	17	-1.376	-1.378	0.433	0.434	0.002	0.018
	18	-1.376	-1.382	0.456	0.464	0.002	0.013
	19	-1.381	-1.386	0.475	0.481	0.005	0.009
	20	-1.376	-1.381	0.453	0.460	0.002	0.013
	21	-1.379	-1.385	0.463	0.471	0.005	0.011
	22	-1.382	-1.388	0.467	0.475	0.004	0.015
	23	-1.382	-1.387	0.465	0.471	0.003	0.014
	24	-1.380	-1.386	0.464	0.472	0.002	0.013
	30k Biased	Min	-1.3929	-1.3977	0.4328	0.4341	0.0016
Max		-1.3732	-1.3773	0.4818	0.4882	0.0055	0.0190
Mean		-1.3785	-1.3835	0.4626	0.4686	0.0036	0.0137
Std. Dev		0.0045	0.0048	0.0131	0.0138	0.0012	0.0028
Mean - 3 Sigma		-1.392	-1.398	0.423	0.427	0.00001	0.005
Mean + 3 Sigma		-1.365	-1.369	0.502	0.510	0.007	0.022

		Minimum IN Pin Voltage, ILOAD = 500mA (V)	
SN		PRE	POST
CTRL	1	-1.82499	-1.82499
30k Biased	3	-1.82499	-1.82499
	4	-1.79499	-1.82499
	5	-1.82499	-1.82499
	6	-1.79499	-1.79499
	7	-1.79499	-1.79499
	8	-1.79499	-1.82499
	9	-1.79499	-1.82499
	10	-1.82499	-1.82499
	11	-1.82499	-1.82499
	12	-1.82499	-1.82499
	13	-1.82499	-1.82499
	14	-1.79499	-1.82499
	15	-1.82499	-1.82499
	16	-1.79499	-1.82499
	17	-1.82499	-1.82499
	18	-1.79499	-1.82499
	19	-1.82499	-1.82499
	20	-1.82499	-1.82499
	21	-1.82499	-1.82499
	22	-1.82499	-1.82499
	23	-1.82499	-1.82499
	24	-1.82499	-1.82499
Min		-1.82499	-1.82499
Max		-1.79499	-1.79499
Mean		-1.81408	-1.82226
Std. Dev		0.01477	0.00863
Mean - 3 Sigma		-1.85639	-1.84874
Mean + 3 Sigma		-1.76977	-1.79578













