

## ***RADIATION TEST REPORT***

PRODUCT: AD8001SQMLR

MASK:

FILE:

DATE CODE:

GAMMA: 0, 100K

GAMMA SOURCE: Co60

DOSE RATE: 46.95 rad/sec

FACILITIES: National Semiconductor  
Sunnyvale, Ca.

TESTED: August 26,2003

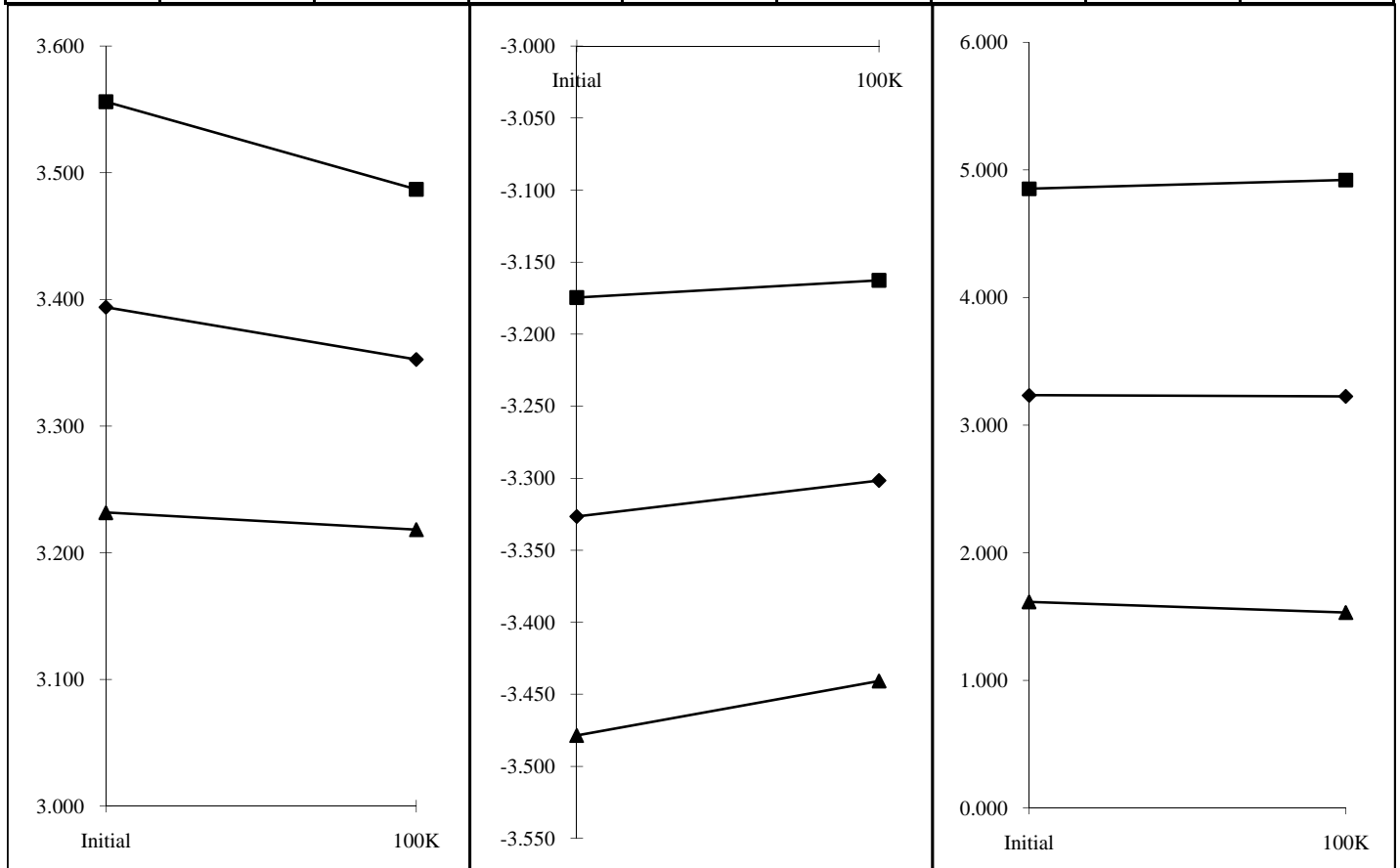
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T# 1.0	+ IQ	mA	T# 2.0	- IQ	mA	T# 3.0	VOS	mV
SN	Initial	100K	SN	Initial	100K	SN	Initial	100K
1	3.287	3.293	1	-3.210	-3.216	1	3.424	3.464
2	3.315	3.280	2	-3.234	-3.235	2	3.831	3.810
3	3.282	3.261	3	-3.241	-3.205	3	3.590	3.617
4	3.325	3.288	4	-3.258	-3.245	4	4.074	4.083
5	3.294	3.288	5	-3.237	-3.212	5	3.605	3.629
18	3.416	3.369	18	-3.328	-3.310	18	3.623	3.609
19	3.399	3.347	19	-3.344	-3.312	19	3.411	3.400
20	3.418	3.393	20	-3.340	-3.321	20	4.152	4.151
21	3.406	3.366	21	-3.337	-3.316	21	2.634	2.618
32	3.397	3.378	32	-3.351	-3.326	32	2.559	2.526
33	3.378	3.365	33	-3.329	-3.319	33	2.185	2.132
34	3.381	3.378	34	-3.329	-3.332	34	3.289	3.303
35	3.425	3.365	35	-3.337	-3.312	35	3.121	3.106
46	3.447	3.395	46	-3.380	-3.352	46	2.985	2.919
47	3.416	3.355	47	-3.371	-3.327	47	3.078	3.009
48	3.413	3.340	48	-3.329	-3.288	48	2.741	2.666
49	3.380	3.317	49	-3.303	-3.266	49	3.456	3.386
63	3.500	3.435	63	-3.432	-3.386	63	3.291	3.596
64	3.418	3.378	64	-3.336	-3.324	64	3.533	3.525
65	3.449	3.393	65	-3.370	-3.327	65	3.172	3.138
66	3.420	3.362	66	-3.346	-3.317	66	2.357	2.306
min	3.282	3.261	min	-3.432	-3.386	min	2.185	2.132
max	3.500	3.435	max	-3.234	-3.205	max	4.152	4.151
stdev	0.054	0.045	stdev	0.051	0.046	stdev	0.539	0.565
average	3.394	3.353	average	-3.327	-3.302	average	3.234	3.226
+3S	3.556	3.487	+3S	-3.175	-3.163	+3S	4.853	4.921
-3S	3.232	3.218	-3S	-3.479	-3.441	-3S	1.616	1.532



T# 4.0	IIB+	uA	T# 5.0	IIB-	uA
SN	Initial	100K	SN	Initial	100K
1	2.744	2.736	1	2.553	2.777
2	2.757	2.630	2	2.119	2.830
3	2.752	2.761	3	2.499	0.227
4	2.755	2.665	4	2.064	2.575
5	2.755	2.774	5	2.451	1.598
18	2.737	2.654	18	1.993	0.906
19	2.736	2.644	19	2.039	2.244
20	2.736	2.674	20	2.048	2.602
21	2.745	2.734	21	0.917	-2.223
32	2.748	2.626	32	0.507	-2.784
33	2.732	2.649	33	1.169	-2.027
34	2.755	2.598	34	1.728	-2.194
35	2.737	2.594	35	0.394	-5.031
46	2.732	2.613	46	1.953	-1.083
47	2.731	2.604	47	2.042	1.916
48	2.736	2.633	48	1.991	1.177
49	2.742	2.598	49	1.980	2.824
63	2.584	2.495	63	2.686	-1.066
64	2.864	2.602	64	0.890	2.851
65	2.732	2.634	65	2.051	1.364
66	2.737	2.657	66	1.735	-1.291
min	2.584	2.495	min	0.394	-5.031
max	2.864	2.774	max	2.686	2.851
stdev	0.047	0.063	stdev	0.644	2.321
average	2.740	2.642	average	1.763	0.271
+3S	2.880	2.829	+3S	3.694	7.233
-3S	2.600	2.454	-3S	-0.169	-6.691

