

HIGH DOSE RADIATION TEST REPORT AD571S

March 1998

Generic

Radiation Test Report	
Product:	AD571S
Gamma:	0, 30k, 50k, 100k, 24Hr
Gamma Source:	Co60/TM1019 Condition A
Dose Rate:	78.52 Rad/s
Facilities:	National Semiconductor
Tested:	March 24th, 1998

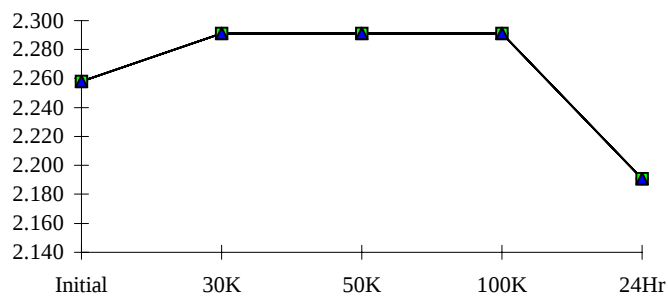
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It is the responsibility of the Procuring Activity to screen products from Analog Devices, Inc. for compliance to Nuclear Hardness Critical Items (HCI) specifications.

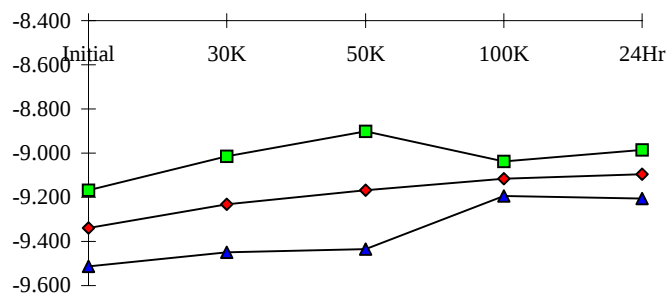
Warning:

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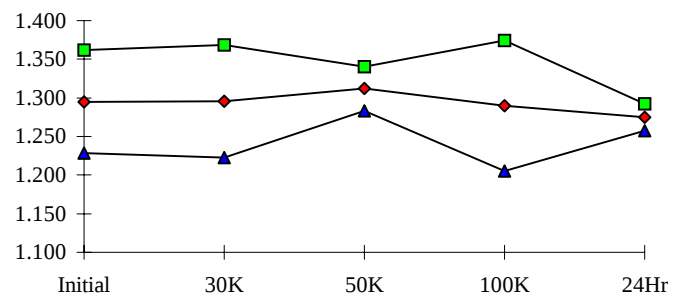
T# 1	CONVERT PULSE				US
SN	Initial	30K	50K	100K	24Hr
173	2.258	2.291	2.291	2.291	2.191
176	2.258	2.291	2.291	2.291	2.191
193	2.258	2.291	2.291	2.291	2.191
223	2.258	2.291	2.291	2.291	2.191
225	2.258	2.291	2.291	2.291	2.191
311	2.258	2.291	2.291	2.291	2.191
min	2.258	2.291	2.291	2.291	2.191
max	2.258	2.291	2.291	2.291	2.191
stdev	0.000	0.000	0.000	0.000	0.000
average	2.258	2.291	2.291	2.291	2.191
+3S	2.258	2.291	2.291	2.291	2.191
-3S	2.258	2.291	2.291	2.291	2.191



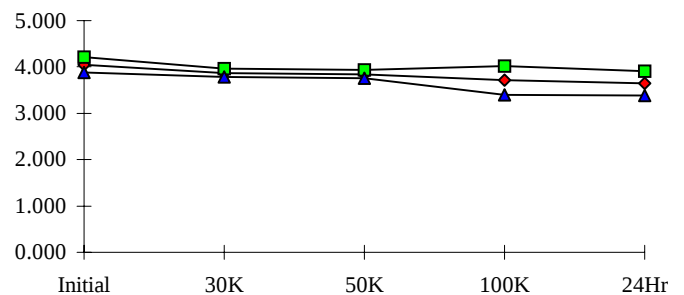
T# 3	IEE BLANKED				mA
SN	Initial	30K	50K	100K	24Hr
173	-9.403	-9.335	-9.321	-9.403	-9.359
176	-9.294	-9.280	-9.172	-9.117	-9.101
193	-9.403	-9.335	-9.321	-9.158	-9.142
223	-9.294	-9.199	-9.117	-9.104	-9.074
225	-9.308	-9.172	-9.104	-9.090	-9.046
311	-9.403	-9.172	-9.131	-9.104	-9.114
min	-9.403	-9.335	-9.321	-9.158	-9.142
max	-9.294	-9.172	-9.104	-9.090	-9.046
stdev	0.057	0.073	0.089	0.026	0.037
average	-9.340	-9.232	-9.169	-9.115	-9.095
+3S	-9.168	-9.013	-8.903	-9.036	-8.985
-3S	-9.513	-9.450	-9.435	-9.193	-9.206



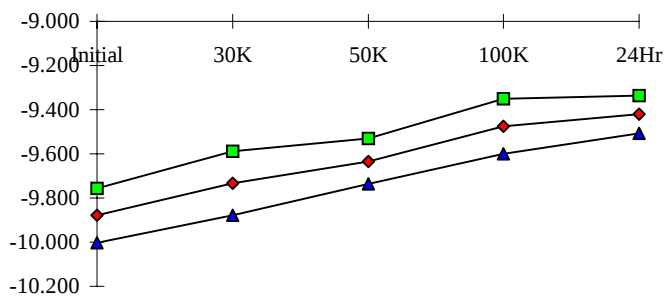
T# 2	ICC BLANKED				MA
SN	Initial	30K	50K	100K	24Hr
173	1.284	1.244	1.271	1.298	1.285
176	1.284	1.271	1.298	1.312	1.272
193	1.284	1.271	1.312	1.271	1.272
223	1.325	1.325	1.312	1.325	1.272
225	1.271	1.298	1.312	1.284	1.272
311	1.311	1.312	1.325	1.257	1.285
min	1.271	1.271	1.298	1.257	1.272
max	1.325	1.325	1.325	1.325	1.285
stdev	0.022	0.024	0.010	0.028	0.006
average	1.295	1.295	1.312	1.290	1.275
+3S	1.362	1.368	1.340	1.375	1.292
-3S	1.228	1.223	1.283	1.205	1.257



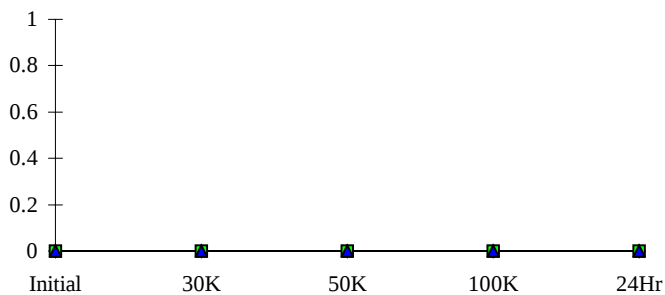
T# 4	ICC CONVERT				mA
SN	Initial	30K	50K	100K	24Hr
173	4.085	3.990	4.126	4.126	4.100
176	3.976	3.868	3.813	3.732	3.583
193	4.044	3.841	3.827	3.691	3.597
223	4.126	3.922	3.895	3.881	3.801
225	4.017	3.868	3.841	3.650	3.638
311	4.044	3.868	3.854	3.610	3.624
min	3.976	3.841	3.813	3.610	3.583
max	4.126	3.922	3.895	3.881	3.801
stdev	0.055	0.030	0.031	0.104	0.088
average	4.041	3.873	3.846	3.713	3.649
+3S	4.206	3.962	3.940	4.026	3.912
-3S	3.877	3.785	3.752	3.399	3.385



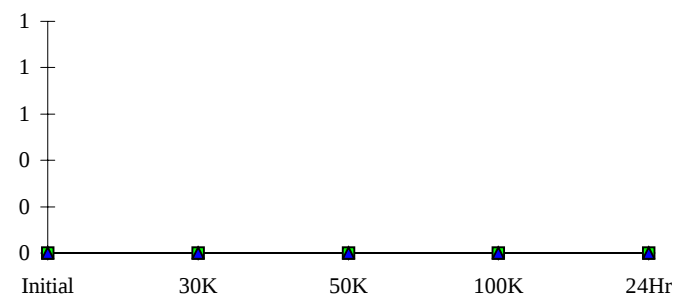
T# 5	IEE CONVERT				mA
SN	Initial	30K	50K	100K	24Hr
173	-9.933	-9.933	-9.892	-9.906	-9.889
176	-9.838	-9.702	-9.634	-9.430	-9.454
193	-9.920	-9.783	-9.688	-9.525	-9.441
223	-9.879	-9.783	-9.634	-9.512	-9.400
225	-9.920	-9.729	-9.620	-9.444	-9.386
311	-9.838	-9.675	-9.593	-9.471	-9.427
min	-9.920	-9.783	-9.688	-9.525	-9.454
max	-9.838	-9.675	-9.593	-9.430	-9.386
stdev	0.041	0.048	0.035	0.041	0.028
average	-9.879	-9.734	-9.634	-9.476	-9.422
+3S	-9.756	-9.590	-9.530	-9.352	-9.337
-3S	-10.002	-9.879	-9.738	-9.601	-9.506



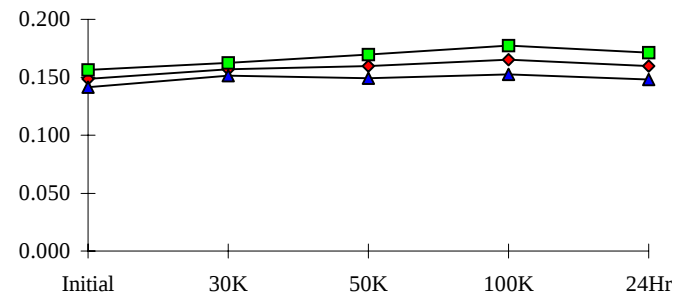
T# 7	+5V FUNCTIONAL				DEC
SN	Initial	30K	50K	100K	24Hr
173	0	0	0	0	0
176	0	0	0	0	0
193	0	0	0	0	0
223	0	0	0	0	0
225	0	0	0	0	0
311	0	0	0	0	0
min	0	0	0	0	0
max	0	0	0	0	0
stdev	0	0	0	0	0
average	0	0	0	0	0
+3S	0	0	0	0	0
-3S	0	0	0	0	0



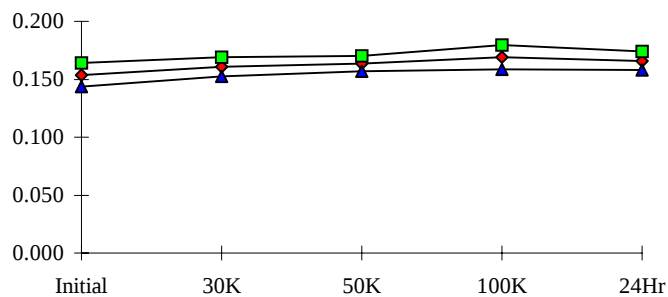
T# 6	+15V FUNCTIONAL				DEC
SN	Initial	30K	50K	100K	24Hr
173	0	0	0	0	0
176	0	0	0	0	0
193	0	0	0	0	0
223	0	0	0	0	0
225	0	0	0	0	0
311	0	0	0	0	0
min	0	0	0	0	0
max	0	0	0	0	0
stdev	0	0	0	0	0
average	0	0	0	0	0
+3S	0	0	0	0	0
-3S	0	0	0	0	0



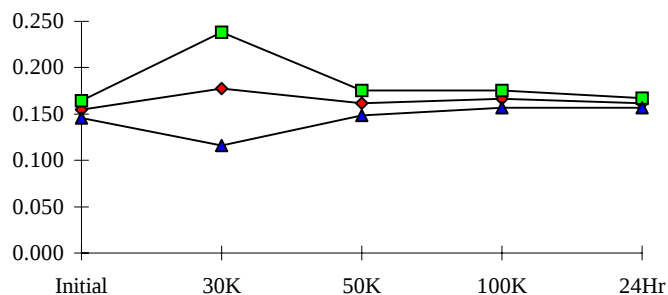
T# 8	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.147	0.147	0.152	0.149	0.149
176	0.152	0.159	0.164	0.169	0.164
193	0.149	0.157	0.157	0.164	0.157
223	0.145	0.154	0.157	0.159	0.157
225	0.149	0.157	0.157	0.164	0.157
311	0.149	0.157	0.162	0.169	0.164
min	0.145	0.154	0.157	0.159	0.157
max	0.152	0.159	0.164	0.169	0.164
stdev	0.002	0.002	0.003	0.004	0.004
average	0.149	0.157	0.159	0.165	0.160
+3S	0.156	0.162	0.169	0.178	0.171
-3S	0.141	0.151	0.149	0.152	0.148



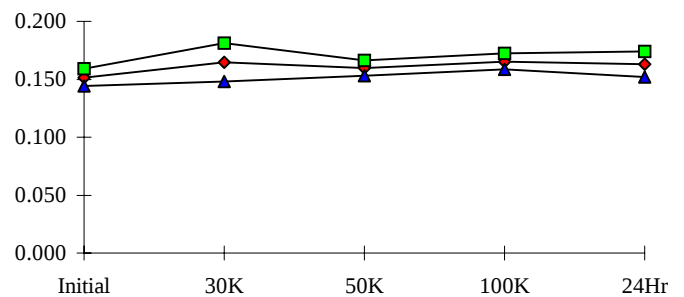
T# 9	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.154	0.152	0.152	0.154	0.152
176	0.157	0.164	0.164	0.174	0.169
193	0.154	0.162	0.162	0.169	0.164
223	0.149	0.157	0.162	0.164	0.164
225	0.152	0.159	0.162	0.169	0.164
311	0.157	0.162	0.167	0.169	0.169
min	0.149	0.157	0.162	0.164	0.164
max	0.157	0.164	0.167	0.174	0.169
stdev	0.003	0.003	0.002	0.004	0.003
average	0.154	0.161	0.163	0.169	0.166
+3S	0.164	0.169	0.170	0.180	0.174
-3S	0.144	0.152	0.157	0.158	0.158



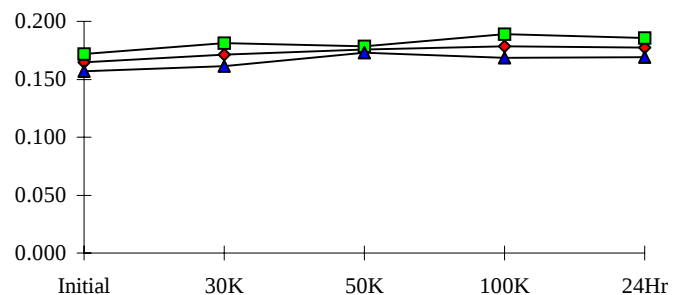
T# 11	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.154	0.164	0.152	0.149	0.152
176	0.159	0.213	0.169	0.169	0.162
193	0.154	0.174	0.162	0.167	0.162
223	0.152	0.169	0.159	0.162	0.159
225	0.152	0.162	0.157	0.164	0.164
311	0.157	0.169	0.162	0.169	0.162
min	0.152	0.162	0.157	0.162	0.159
max	0.159	0.213	0.169	0.169	0.164
stdev	0.003	0.020	0.005	0.003	0.002
average	0.155	0.177	0.162	0.166	0.162
+3S	0.164	0.238	0.175	0.176	0.167
-3S	0.145	0.116	0.148	0.157	0.156



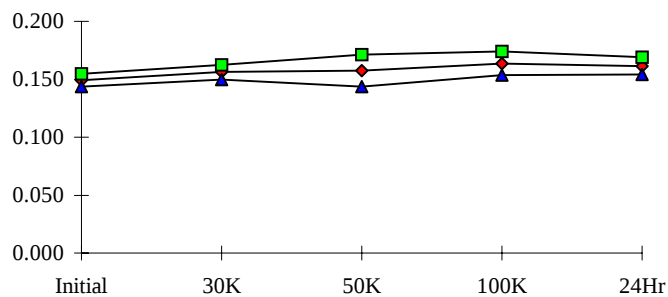
T# 10	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.152	0.154	0.152	0.152	0.149
176	0.154	0.171	0.162	0.167	0.167
193	0.152	0.169	0.159	0.167	0.164
223	0.149	0.157	0.157	0.162	0.157
225	0.149	0.162	0.159	0.167	0.164
311	0.154	0.164	0.162	0.164	0.164
min	0.149	0.157	0.157	0.162	0.157
max	0.154	0.171	0.162	0.167	0.167
stdev	0.003	0.006	0.002	0.002	0.004
average	0.152	0.165	0.160	0.165	0.163
+3S	0.159	0.181	0.166	0.172	0.174
-3S	0.144	0.148	0.153	0.158	0.152



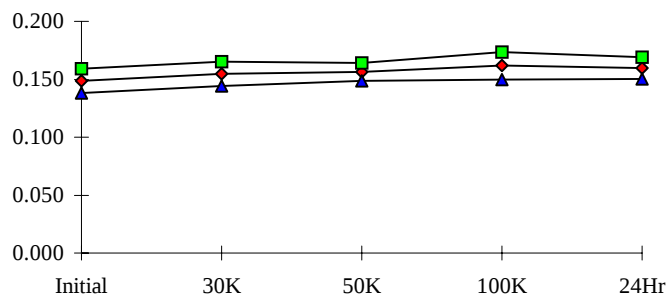
T# 12	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.159	0.164	0.162	0.164	0.164
176	0.167	0.176	0.176	0.181	0.179
193	0.167	0.169	0.176	0.181	0.176
223	0.162	0.169	0.174	0.174	0.174
225	0.162	0.169	0.176	0.176	0.176
311	0.164	0.174	0.176	0.181	0.181
min	0.162	0.169	0.174	0.174	0.174
max	0.167	0.176	0.176	0.181	0.181
stdev	0.003	0.003	0.001	0.003	0.003
average	0.164	0.171	0.176	0.179	0.177
+3S	0.172	0.181	0.178	0.189	0.186
-3S	0.157	0.161	0.173	0.169	0.169



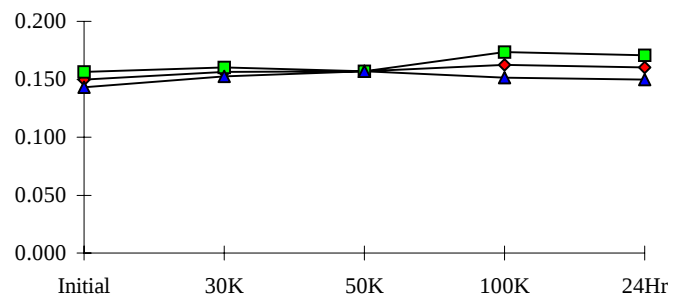
T# 13	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.152	0.152	0.152	0.149	0.152
176	0.152	0.159	0.162	0.167	0.164
193	0.149	0.157	0.157	0.164	0.162
223	0.147	0.154	0.154	0.159	0.159
225	0.149	0.154	0.152	0.162	0.159
311	0.149	0.157	0.162	0.167	0.164
min	0.147	0.154	0.152	0.159	0.159
max	0.152	0.159	0.162	0.167	0.164
stdev	0.002	0.002	0.005	0.003	0.003
average	0.149	0.156	0.157	0.164	0.162
+3S	0.155	0.163	0.171	0.174	0.169
-3S	0.144	0.150	0.144	0.154	0.154



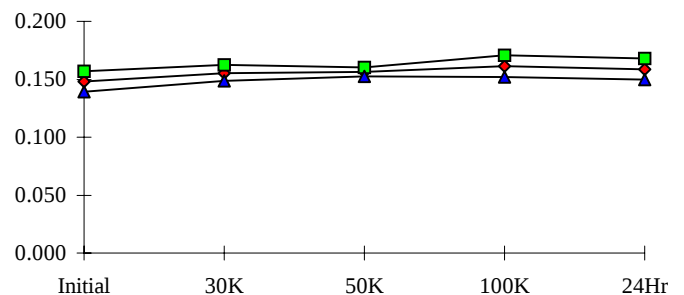
T# 15	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.149	0.145	0.145	0.147	0.147
176	0.152	0.157	0.159	0.167	0.164
193	0.149	0.157	0.157	0.162	0.159
223	0.145	0.154	0.152	0.157	0.157
225	0.145	0.149	0.157	0.159	0.157
311	0.152	0.157	0.157	0.164	0.162
min	0.145	0.149	0.152	0.157	0.157
max	0.152	0.157	0.159	0.167	0.164
stdev	0.004	0.003	0.003	0.004	0.003
average	0.149	0.155	0.156	0.162	0.160
+3S	0.159	0.165	0.164	0.174	0.169
-3S	0.138	0.144	0.149	0.150	0.150



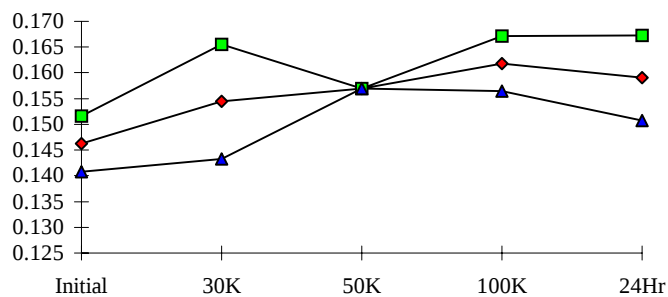
T# 14	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.149	0.147	0.149	0.145	0.147
176	0.152	0.157	0.157	0.167	0.164
193	0.149	0.157	0.157	0.162	0.159
223	0.147	0.157	0.157	0.157	0.157
225	0.152	0.154	0.157	0.162	0.157
311	0.149	0.157	0.157	0.164	0.164
min	0.147	0.154	0.157	0.157	0.157
max	0.152	0.157	0.157	0.167	0.164
stdev	0.002	0.001	0.000	0.004	0.004
average	0.150	0.156	0.157	0.162	0.160
+3S	0.156	0.160	0.157	0.173	0.171
-3S	0.143	0.152	0.157	0.151	0.150



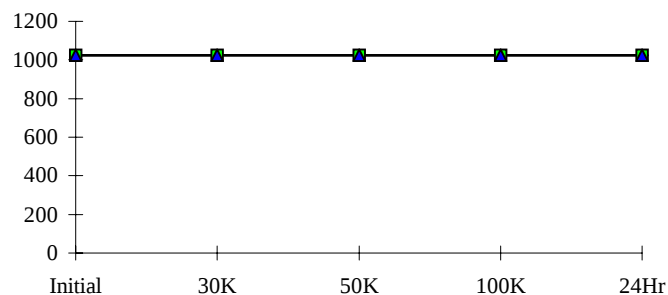
T# 16	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.145	0.145	0.147	0.145	0.145
176	0.152	0.157	0.157	0.164	0.159
193	0.149	0.157	0.157	0.162	0.157
223	0.145	0.152	0.154	0.157	0.157
225	0.145	0.154	0.157	0.159	0.157
311	0.149	0.157	0.157	0.164	0.164
min	0.145	0.152	0.154	0.157	0.157
max	0.152	0.157	0.157	0.164	0.164
stdev	0.003	0.002	0.001	0.003	0.003
average	0.148	0.155	0.156	0.161	0.159
+3S	0.157	0.162	0.160	0.171	0.168
-3S	0.139	0.148	0.152	0.152	0.150



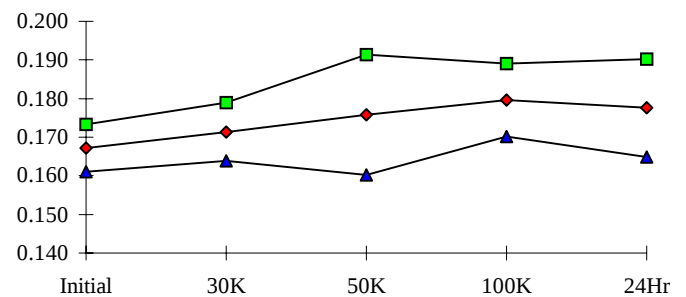
T# 17	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.147	0.145	0.145	0.145	0.145
176	0.145	0.157	0.157	0.162	0.157
193	0.149	0.157	0.157	0.164	0.162
223	0.145	0.149	0.157	0.162	0.157
225	0.145	0.152	0.157	0.159	0.157
311	0.147	0.157	0.157	0.162	0.162
min	0.145	0.149	0.157	0.159	0.157
max	0.149	0.157	0.157	0.164	0.162
stdev	0.002	0.004	0.000	0.002	0.003
average	0.146	0.154	0.157	0.162	0.159
+3S	0.152	0.166	0.157	0.167	0.167
-3S	0.141	0.143	0.157	0.156	0.151



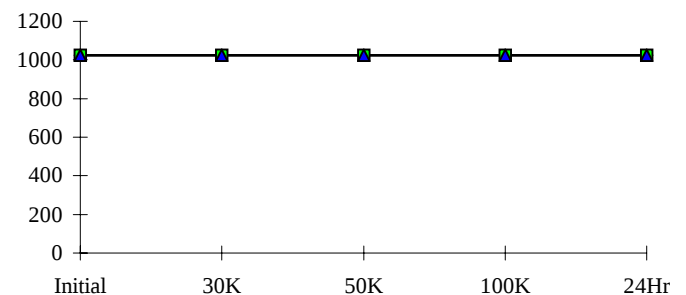
T# 19	+15V FUNCTIONAL				DEC
SN	Initial	30K	50K	100K	24Hr
173	1023	1023	1023	1023	1023
176	1023	1023	1023	1023	1023
193	1023	1023	1023	1023	1023
223	1023	1023	1023	1023	1023
225	1023	1023	1023	1023	1023
311	1023	1023	1023	1023	1023
min	1023	1023	1023	1023	1023
max	1023	1023	1023	1023	1023
stdev	0	0	0	0	0
average	1023	1023	1023	1023	1023
+3S	1023	1023	1023	1023	1023
-3S	1023	1023	1023	1023	1023



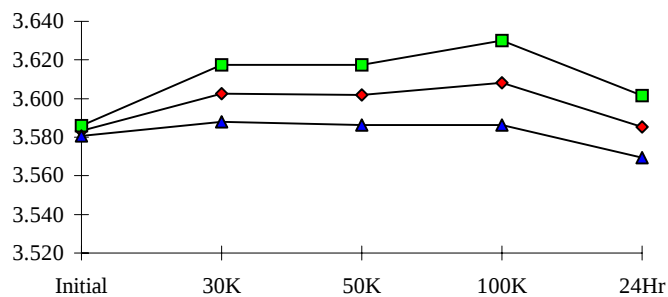
T# 18	VOL 3.2MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	0.167	0.162	0.167	0.167	0.169
176	0.169	0.174	0.181	0.181	0.181
193	0.167	0.171	0.174	0.181	0.176
223	0.164	0.169	0.169	0.174	0.171
225	0.167	0.169	0.174	0.181	0.179
311	0.169	0.174	0.181	0.181	0.181
min	0.164	0.169	0.169	0.174	0.171
max	0.169	0.174	0.181	0.181	0.181
stdev	0.002	0.003	0.005	0.003	0.004
average	0.167	0.171	0.176	0.180	0.178
+3S	0.173	0.179	0.191	0.189	0.190
-3S	0.161	0.164	0.160	0.170	0.165



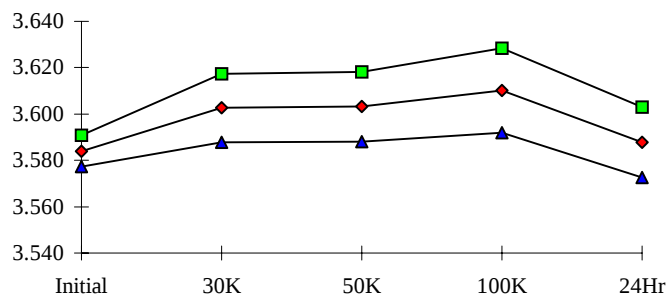
T# 20	+5V FUNCTIONAL				DEC
SN	Initial	30K	50K	100K	24Hr
173	1023	1023	1023	1023	1023
176	1023	1023	1023	1023	1023
193	1023	1023	1023	1023	1023
223	1023	1023	1023	1023	1023
225	1023	1023	1023	1023	1023
311	1023	1023	1023	1023	1023
min	1023	1023	1023	1023	1023
max	1023	1023	1023	1023	1023
stdev	0	0	0	0	0
average	1023	1023	1023	1023	1023
+3S	1023	1023	1023	1023	1023
-3S	1023	1023	1023	1023	1023



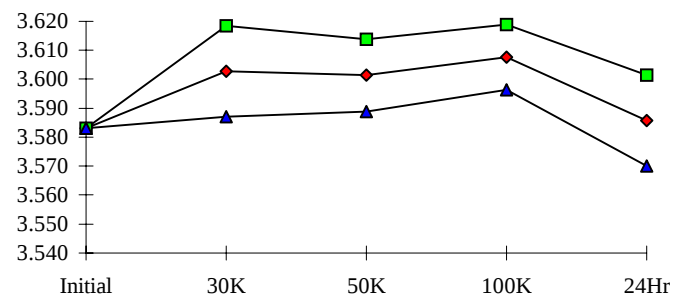
T# 21	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.578	3.576	3.576	3.583
176	3.583	3.607	3.600	3.607	3.583
193	3.583	3.602	3.607	3.607	3.583
223	3.585	3.607	3.607	3.620	3.595
225	3.583	3.602	3.600	3.607	3.583
311	3.583	3.595	3.595	3.600	3.583
min	3.583	3.595	3.595	3.600	3.583
max	3.585	3.607	3.607	3.620	3.595
stdev	0.001	0.005	0.005	0.007	0.005
average	3.583	3.603	3.602	3.608	3.585
+3S	3.586	3.617	3.617	3.630	3.601
-3S	3.581	3.588	3.586	3.586	3.569



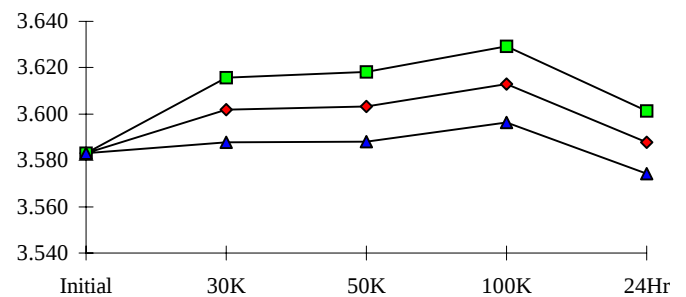
T# 23	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.573	3.576	3.578	3.583
176	3.583	3.607	3.605	3.607	3.583
193	3.583	3.602	3.607	3.610	3.590
223	3.583	3.607	3.607	3.617	3.595
225	3.588	3.602	3.602	3.615	3.588
311	3.583	3.595	3.595	3.602	3.583
min	3.583	3.595	3.595	3.602	3.583
max	3.588	3.607	3.607	3.617	3.595
stdev	0.002	0.005	0.005	0.006	0.005
average	3.584	3.603	3.603	3.610	3.588
+3S	3.591	3.617	3.618	3.628	3.603
-3S	3.577	3.588	3.588	3.592	3.573



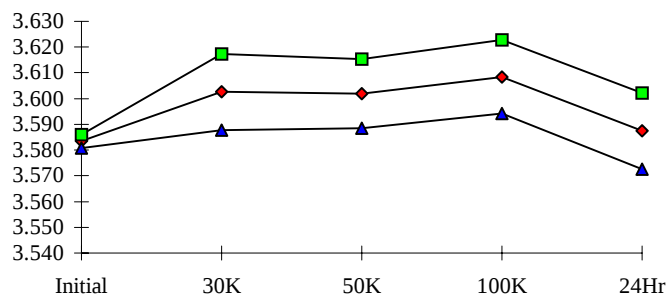
T# 22	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.573	3.576	3.576	3.578
176	3.583	3.607	3.600	3.607	3.583
193	3.583	3.600	3.605	3.610	3.583
223	3.583	3.607	3.605	3.612	3.595
225	3.583	3.605	3.602	3.607	3.585
311	3.583	3.595	3.595	3.602	3.583
min	3.583	3.595	3.595	3.602	3.583
max	3.583	3.607	3.605	3.612	3.595
stdev	0.000	0.005	0.004	0.004	0.005
average	3.583	3.603	3.601	3.608	3.586
+3S	3.583	3.618	3.614	3.619	3.601
-3S	3.583	3.587	3.589	3.596	3.570



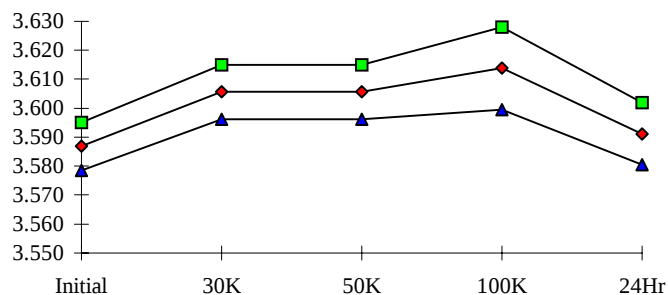
T# 24	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.576	3.576	3.578	3.583
176	3.583	3.600	3.605	3.612	3.583
193	3.583	3.602	3.607	3.612	3.588
223	3.583	3.607	3.607	3.620	3.595
225	3.583	3.605	3.602	3.615	3.588
311	3.583	3.595	3.595	3.605	3.585
min	3.583	3.595	3.595	3.605	3.583
max	3.583	3.607	3.607	3.620	3.595
stdev	0.000	0.005	0.005	0.005	0.005
average	3.583	3.602	3.603	3.613	3.588
+3S	3.583	3.616	3.618	3.629	3.601
-3S	3.583	3.588	3.588	3.596	3.574



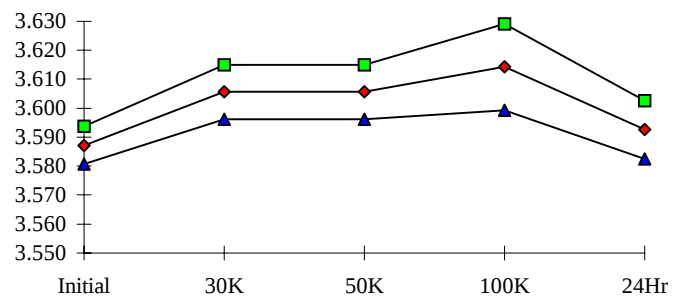
T# 25	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.576	3.578	3.580	3.583
176	3.583	3.607	3.605	3.610	3.583
193	3.583	3.602	3.605	3.610	3.588
223	3.585	3.607	3.605	3.612	3.595
225	3.583	3.602	3.600	3.610	3.588
311	3.583	3.595	3.595	3.600	3.583
min	3.583	3.595	3.595	3.600	3.583
max	3.585	3.607	3.605	3.612	3.595
stdev	0.001	0.005	0.004	0.005	0.005
average	3.583	3.603	3.602	3.608	3.587
+3S	3.586	3.617	3.615	3.623	3.602
-3S	3.581	3.588	3.589	3.594	3.573



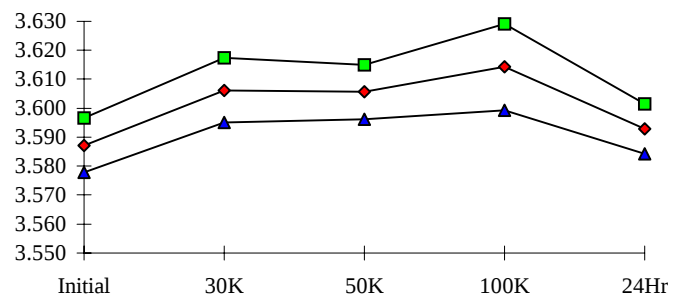
T# 27	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.583	3.583	3.583	3.583
176	3.585	3.607	3.607	3.615	3.588
193	3.583	3.607	3.607	3.612	3.590
223	3.588	3.607	3.607	3.620	3.595
225	3.590	3.607	3.607	3.615	3.595
311	3.588	3.600	3.600	3.607	3.588
min	3.583	3.600	3.600	3.607	3.588
max	3.590	3.607	3.607	3.620	3.595
stdev	0.003	0.003	0.003	0.005	0.004
average	3.587	3.606	3.606	3.614	3.591
+3S	3.595	3.615	3.615	3.628	3.602
-3S	3.578	3.596	3.596	3.600	3.581



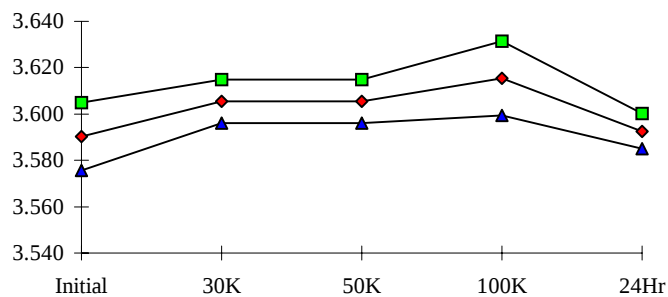
T# 26	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.583	3.580	3.583	3.583
176	3.585	3.607	3.607	3.615	3.588
193	3.585	3.607	3.607	3.612	3.595
223	3.590	3.607	3.607	3.620	3.595
225	3.588	3.607	3.607	3.617	3.595
311	3.588	3.600	3.600	3.607	3.590
min	3.585	3.600	3.600	3.607	3.588
max	3.590	3.607	3.607	3.620	3.595
stdev	0.002	0.003	0.003	0.005	0.003
average	3.587	3.606	3.606	3.614	3.593
+3S	3.594	3.615	3.615	3.629	3.603
-3S	3.581	3.596	3.596	3.599	3.583



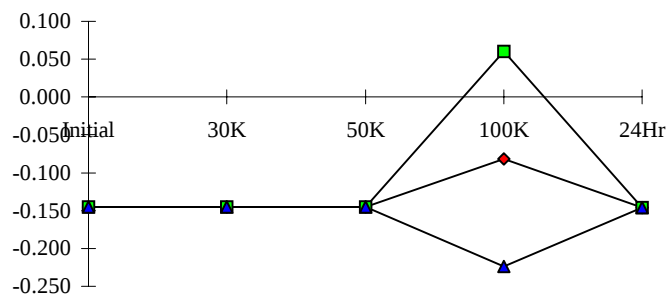
T# 28	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.583	3.583	3.583	3.583	3.583
176	3.590	3.610	3.607	3.615	3.593
193	3.583	3.607	3.607	3.612	3.588
223	3.590	3.607	3.607	3.620	3.595
225	3.588	3.607	3.607	3.617	3.595
311	3.585	3.600	3.600	3.607	3.593
min	3.583	3.600	3.600	3.607	3.588
max	3.590	3.610	3.607	3.620	3.595
stdev	0.003	0.004	0.003	0.005	0.003
average	3.587	3.606	3.606	3.614	3.593
+3S	3.597	3.617	3.615	3.629	3.601
-3S	3.578	3.595	3.596	3.599	3.584



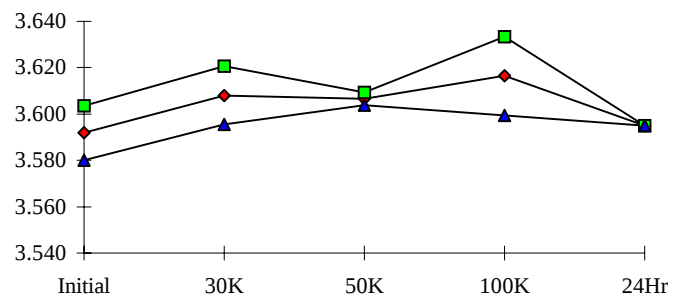
T# 29	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.588	3.583	3.583	3.583	3.583
176	3.593	3.607	3.607	3.615	3.593
193	3.583	3.607	3.607	3.615	3.590
223	3.595	3.607	3.607	3.620	3.595
225	3.593	3.607	3.607	3.620	3.595
311	3.588	3.600	3.600	3.607	3.590
min	3.583	3.600	3.600	3.607	3.590
max	3.595	3.607	3.607	3.620	3.595
stdev	0.005	0.003	0.003	0.005	0.003
average	3.590	3.606	3.606	3.615	3.593
+3S	3.605	3.615	3.615	3.631	3.600
-3S	3.576	3.596	3.596	3.599	3.585



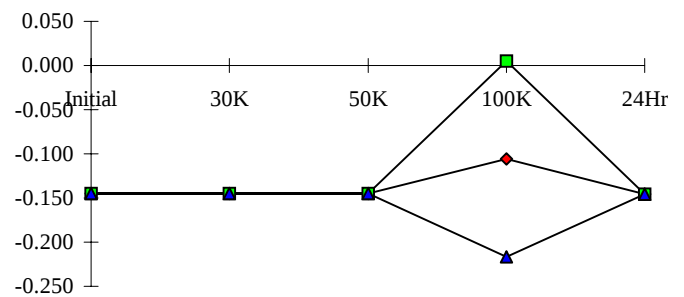
T# 31	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.048	-0.146
223	-0.145	-0.145	-0.145	-0.048	-0.146
225	-0.145	-0.145	-0.145	-0.048	-0.146
311	-0.145	-0.145	-0.145	-0.121	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.048	-0.146
stdev	0.000	0.000	0.000	0.047	0.000
average	-0.145	-0.145	-0.145	-0.082	-0.146
+3S	-0.145	-0.145	-0.145	0.060	-0.146
-3S	-0.145	-0.145	-0.145	-0.224	-0.146



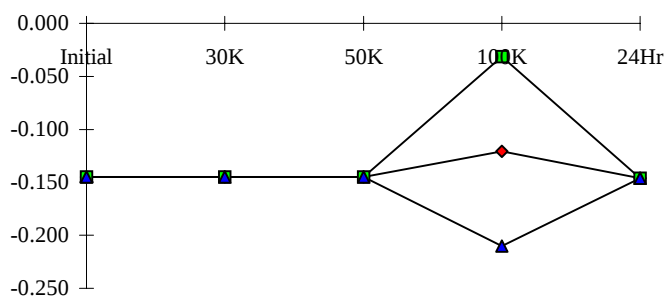
T# 30	VOH -0.5MA LOAD				V
SN	Initial	30K	50K	100K	24Hr
173	3.588	3.583	3.583	3.583	3.583
176	3.593	3.612	3.607	3.620	3.595
193	3.585	3.607	3.607	3.615	3.595
223	3.593	3.612	3.607	3.620	3.595
225	3.595	3.607	3.607	3.620	3.595
311	3.593	3.602	3.605	3.607	3.595
min	3.585	3.602	3.605	3.607	3.595
max	3.595	3.612	3.607	3.620	3.595
stdev	0.004	0.004	0.001	0.006	0.000
average	3.592	3.608	3.607	3.616	3.595
+3S	3.603	3.621	3.609	3.633	3.595
-3S	3.580	3.595	3.604	3.599	3.595



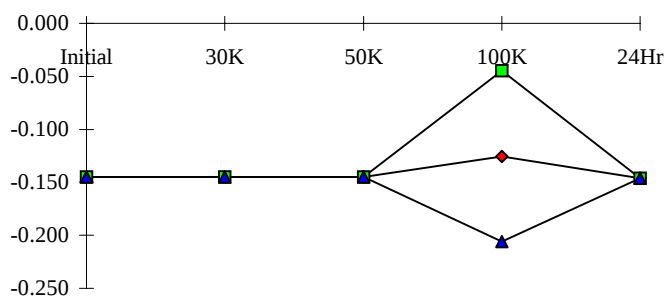
T# 32	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.096	-0.146
223	-0.145	-0.145	-0.145	-0.072	-0.146
225	-0.145	-0.145	-0.145	-0.072	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.072	-0.146
stdev	0.000	0.000	0.000	0.037	0.000
average	-0.145	-0.145	-0.145	-0.106	-0.146
+3S	-0.145	-0.145	-0.145	0.005	-0.146
-3S	-0.145	-0.145	-0.145	-0.217	-0.146



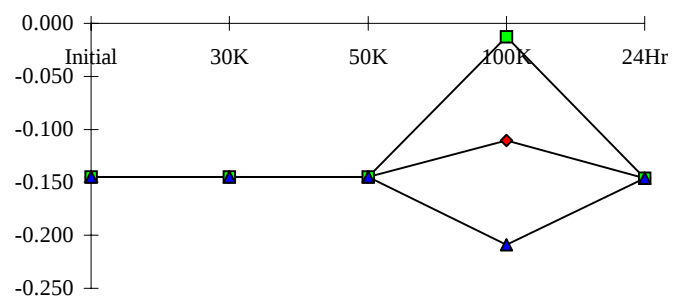
T# 33	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.121	-0.146
223	-0.145	-0.145	-0.145	-0.072	-0.146
225	-0.145	-0.145	-0.145	-0.121	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.072	-0.146
stdev	0.000	0.000	0.000	0.030	0.000
average	-0.145	-0.145	-0.145	-0.121	-0.146
+3S	-0.145	-0.145	-0.145	-0.031	-0.146
-3S	-0.145	-0.145	-0.145	-0.210	-0.146



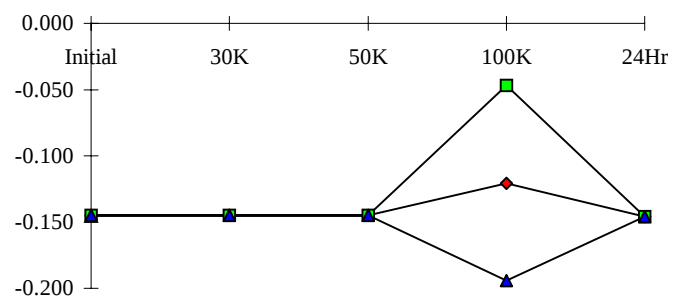
T# 35	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.145	-0.146
223	-0.145	-0.145	-0.145	-0.096	-0.146
225	-0.145	-0.145	-0.145	-0.096	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.096	-0.146
stdev	0.000	0.000	0.000	0.027	0.000
average	-0.145	-0.145	-0.145	-0.125	-0.146
+3S	-0.145	-0.145	-0.145	-0.045	-0.146
-3S	-0.145	-0.145	-0.145	-0.206	-0.146



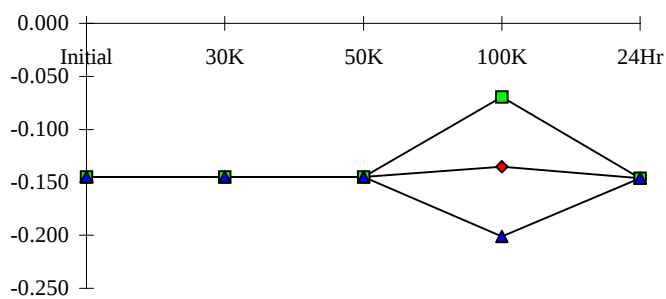
T# 34	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.096	-0.146
223	-0.145	-0.145	-0.145	-0.072	-0.146
225	-0.145	-0.145	-0.145	-0.096	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.072	-0.146
stdev	0.000	0.000	0.000	0.033	0.000
average	-0.145	-0.145	-0.145	-0.111	-0.146
+3S	-0.145	-0.145	-0.145	-0.013	-0.146
-3S	-0.145	-0.145	-0.145	-0.209	-0.146



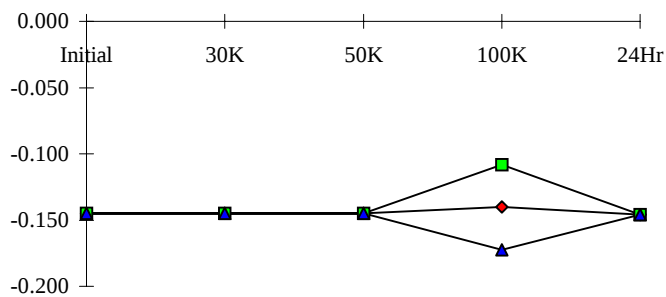
T# 36	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.121	-0.146
223	-0.145	-0.145	-0.145	-0.096	-0.146
225	-0.145	-0.145	-0.145	-0.096	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.096	-0.146
stdev	0.000	0.000	0.000	0.025	0.000
average	-0.145	-0.145	-0.145	-0.121	-0.146
+3S	-0.145	-0.145	-0.145	-0.047	-0.146
-3S	-0.145	-0.145	-0.145	-0.194	-0.146



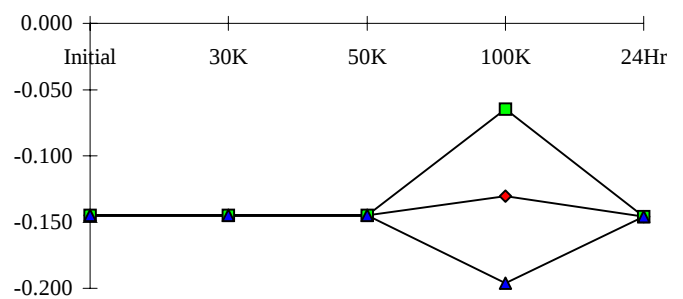
T# 37	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.145	-0.146
223	-0.145	-0.145	-0.145	-0.096	-0.146
225	-0.145	-0.145	-0.145	-0.145	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.096	-0.146
stdev	0.000	0.000	0.000	0.022	0.000
average	-0.145	-0.145	-0.145	-0.135	-0.146
+3S	-0.145	-0.145	-0.145	-0.069	-0.146
-3S	-0.145	-0.145	-0.145	-0.201	-0.146



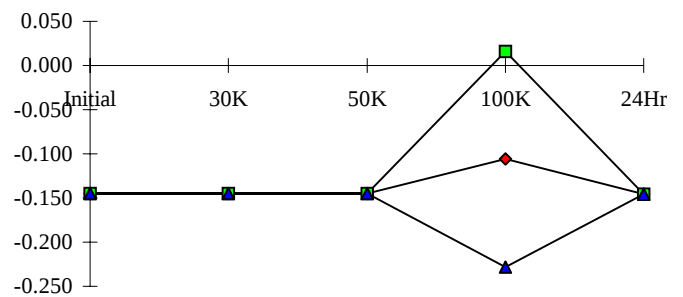
T# 39	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.145	-0.146
223	-0.145	-0.145	-0.145	-0.121	-0.146
225	-0.145	-0.145	-0.145	-0.145	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.121	-0.146
stdev	0.000	0.000	0.000	0.011	0.000
average	-0.145	-0.145	-0.145	-0.140	-0.146
+3S	-0.145	-0.145	-0.145	-0.108	-0.146
-3S	-0.145	-0.145	-0.145	-0.172	-0.146



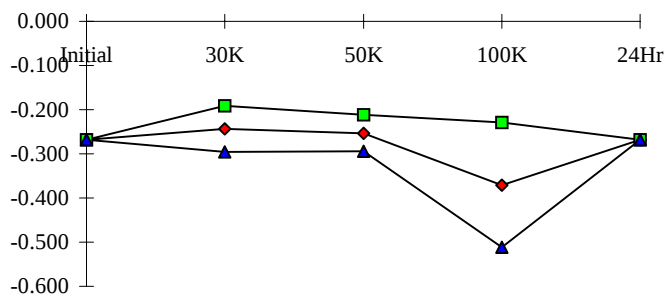
T# 38	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.145	-0.146
223	-0.145	-0.145	-0.145	-0.121	-0.146
225	-0.145	-0.145	-0.145	-0.096	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.096	-0.146
stdev	0.000	0.000	0.000	0.022	0.000
average	-0.145	-0.145	-0.145	-0.130	-0.146
+3S	-0.145	-0.145	-0.145	-0.065	-0.146
-3S	-0.145	-0.145	-0.145	-0.196	-0.146



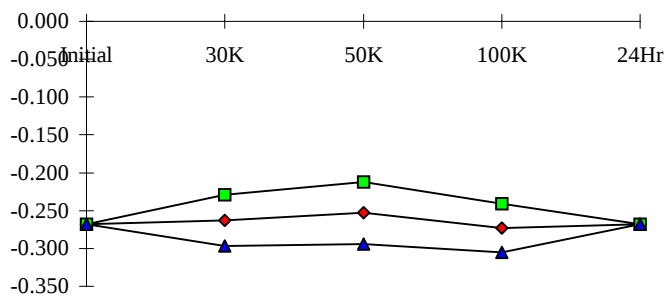
T# 40	IZH VO=2.4V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.096	-0.146
193	-0.145	-0.145	-0.145	-0.048	-0.146
223	-0.145	-0.145	-0.145	-0.145	-0.146
225	-0.145	-0.145	-0.145	-0.145	-0.146
311	-0.145	-0.145	-0.145	-0.096	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.146
max	-0.145	-0.145	-0.145	-0.048	-0.146
stdev	0.000	0.000	0.000	0.041	0.000
average	-0.145	-0.145	-0.145	-0.106	-0.146
+3S	-0.145	-0.145	-0.145	0.016	-0.146
-3S	-0.145	-0.145	-0.145	-0.228	-0.146



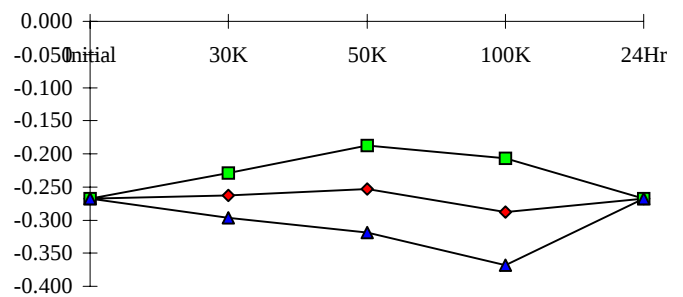
T# 41	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.243	-0.243	-0.268	-0.268
176	-0.268	-0.243	-0.268	-0.317	-0.268
193	-0.268	-0.243	-0.243	-0.366	-0.268
223	-0.268	-0.268	-0.243	-0.439	-0.268
225	-0.268	-0.243	-0.268	-0.390	-0.268
311	-0.268	-0.219	-0.243	-0.341	-0.268
min	-0.268	-0.268	-0.268	-0.439	-0.268
max	-0.268	-0.219	-0.243	-0.317	-0.268
stdev	0.000	0.017	0.014	0.047	0.000
average	-0.268	-0.243	-0.253	-0.371	-0.268
+3S	-0.268	-0.191	-0.212	-0.230	-0.268
-3S	-0.268	-0.295	-0.294	-0.512	-0.268



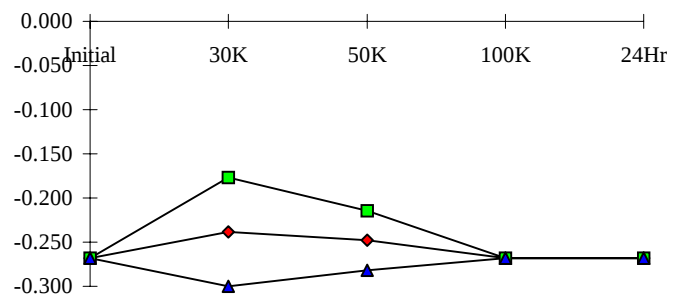
T# 43	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.243	-0.243	-0.243	-0.268
176	-0.268	-0.268	-0.268	-0.268	-0.268
193	-0.268	-0.268	-0.243	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.292	-0.268
225	-0.268	-0.243	-0.243	-0.268	-0.268
311	-0.268	-0.268	-0.243	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.292	-0.268
max	-0.268	-0.243	-0.243	-0.268	-0.268
stdev	0.000	0.011	0.014	0.011	0.000
average	-0.268	-0.263	-0.253	-0.273	-0.268
+3S	-0.268	-0.229	-0.212	-0.241	-0.268
-3S	-0.268	-0.297	-0.294	-0.305	-0.268



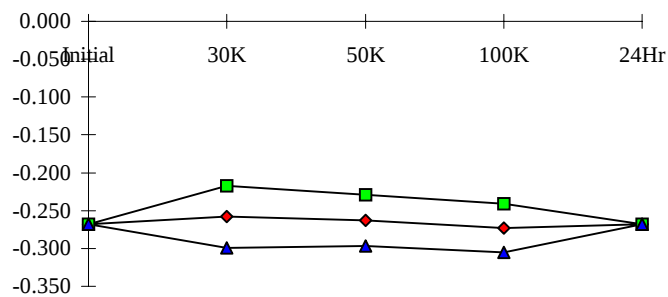
T# 42	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.219	-0.268	-0.268
193	-0.268	-0.243	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.317	-0.268
225	-0.268	-0.268	-0.268	-0.317	-0.268
311	-0.268	-0.268	-0.243	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.317	-0.268
max	-0.268	-0.243	-0.219	-0.268	-0.268
stdev	0.000	0.011	0.022	0.027	0.000
average	-0.268	-0.263	-0.253	-0.288	-0.268
+3S	-0.268	-0.229	-0.187	-0.207	-0.268
-3S	-0.268	-0.297	-0.319	-0.368	-0.268



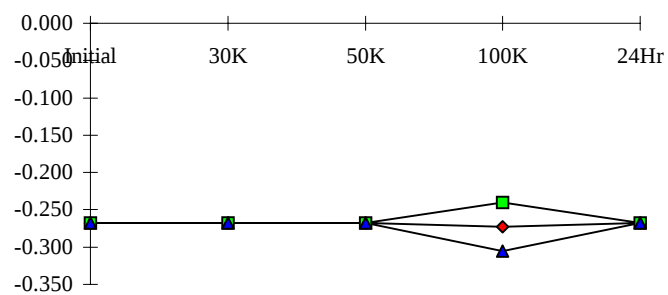
T# 44	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.243	-0.268	-0.268
176	-0.268	-0.219	-0.243	-0.268	-0.268
193	-0.268	-0.268	-0.243	-0.268	-0.268
223	-0.268	-0.243	-0.268	-0.268	-0.268
225	-0.268	-0.219	-0.243	-0.268	-0.268
311	-0.268	-0.243	-0.243	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.268	-0.268
max	-0.268	-0.219	-0.243	-0.268	-0.268
stdev	0.000	0.020	0.011	0.000	0.000
average	-0.268	-0.238	-0.248	-0.268	-0.268
+3S	-0.268	-0.177	-0.214	-0.268	-0.268
-3S	-0.268	-0.300	-0.282	-0.268	-0.268



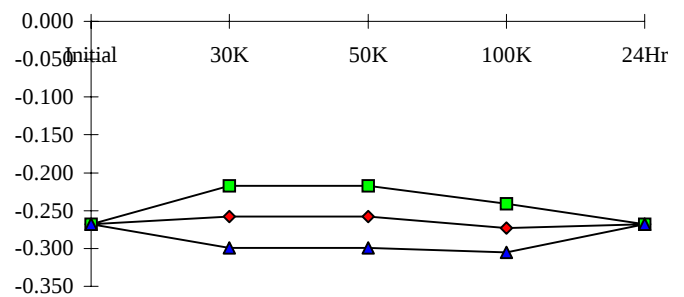
T# 45	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.243	-0.243	-0.268
176	-0.268	-0.243	-0.243	-0.268	-0.268
193	-0.268	-0.268	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.268	-0.268
225	-0.268	-0.268	-0.268	-0.292	-0.268
311	-0.268	-0.243	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.292	-0.268
max	-0.268	-0.243	-0.243	-0.268	-0.268
stdev	0.000	0.014	0.011	0.011	0.000
average	-0.268	-0.258	-0.263	-0.273	-0.268
+3S	-0.268	-0.217	-0.229	-0.241	-0.268
-3S	-0.268	-0.299	-0.297	-0.305	-0.268



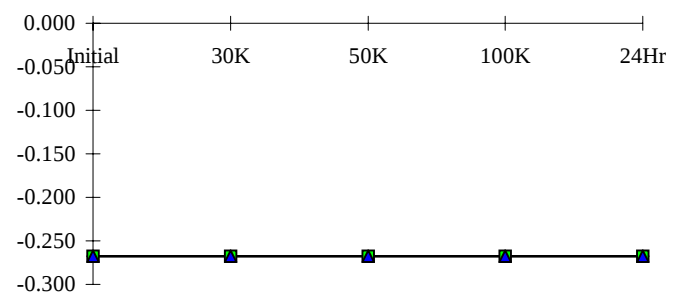
T# 47	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.268	-0.268	-0.268
193	-0.268	-0.268	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.268	-0.268
225	-0.268	-0.268	-0.268	-0.292	-0.268
311	-0.268	-0.268	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.292	-0.268
max	-0.268	-0.268	-0.268	-0.268	-0.268
stdev	0.000	0.000	0.000	0.011	0.000
average	-0.268	-0.268	-0.268	-0.273	-0.268
+3S	-0.268	-0.268	-0.268	-0.241	-0.268
-3S	-0.268	-0.268	-0.268	-0.305	-0.268



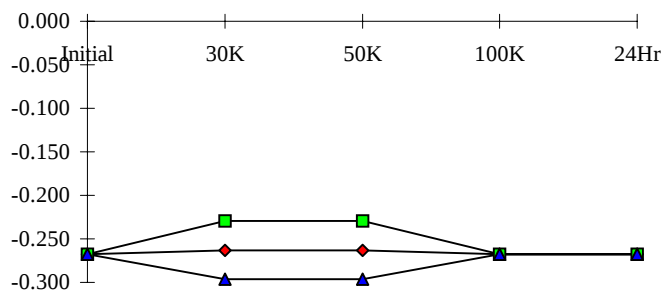
T# 46	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.243	-0.268	-0.268
193	-0.268	-0.243	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.268	-0.268
225	-0.268	-0.243	-0.243	-0.292	-0.268
311	-0.268	-0.268	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.292	-0.268
max	-0.268	-0.243	-0.243	-0.268	-0.268
stdev	0.000	0.014	0.014	0.011	0.000
average	-0.268	-0.258	-0.258	-0.273	-0.268
+3S	-0.268	-0.217	-0.217	-0.241	-0.268
-3S	-0.268	-0.299	-0.299	-0.305	-0.268



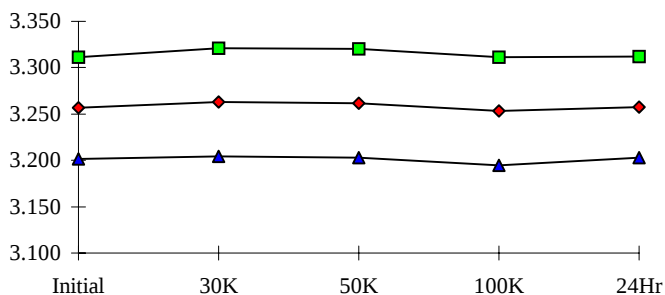
T# 48	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.268	-0.268	-0.268
193	-0.268	-0.268	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.268	-0.268
225	-0.268	-0.268	-0.268	-0.268	-0.268
311	-0.268	-0.268	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.268	-0.268
max	-0.268	-0.268	-0.268	-0.268	-0.268
stdev	0.000	0.000	0.000	0.000	0.000
average	-0.268	-0.268	-0.268	-0.268	-0.268
+3S	-0.268	-0.268	-0.268	-0.268	-0.268
-3S	-0.268	-0.268	-0.268	-0.268	-0.268



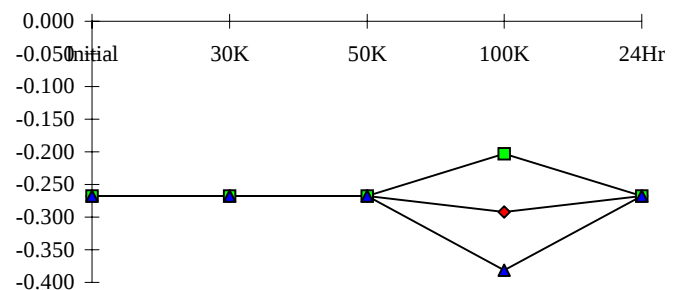
T# 49	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.243	-0.268	-0.268
193	-0.268	-0.268	-0.268	-0.268	-0.268
223	-0.268	-0.268	-0.268	-0.268	-0.268
225	-0.268	-0.268	-0.268	-0.268	-0.268
311	-0.268	-0.243	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.268	-0.268
max	-0.268	-0.243	-0.243	-0.268	-0.268
stdev	0.000	0.011	0.011	0.000	0.000
average	-0.268	-0.263	-0.263	-0.268	-0.268
+3S	-0.268	-0.229	-0.229	-0.268	-0.268
-3S	-0.268	-0.297	-0.297	-0.268	-0.268



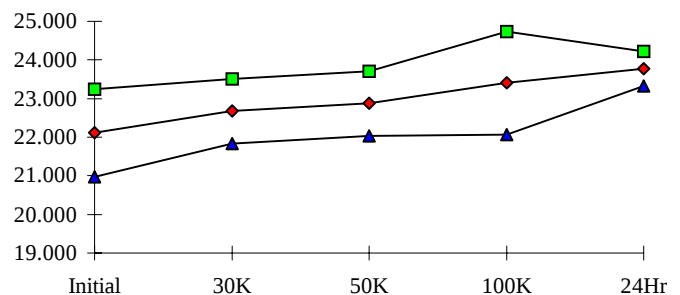
T# 51	DR PULLUP VOLTS				V
SN	Initial	30K	50K	100K	24Hr
173	3.248	3.270	3.277	3.272	3.262
176	3.253	3.255	3.255	3.245	3.252
193	3.253	3.257	3.253	3.248	3.252
223	3.284	3.292	3.292	3.282	3.284
225	3.233	3.240	3.240	3.230	3.235
311	3.260	3.270	3.267	3.260	3.265
min	3.233	3.240	3.240	3.230	3.235
max	3.284	3.292	3.292	3.282	3.284
stdev	0.018	0.019	0.020	0.019	0.018
average	3.257	3.263	3.261	3.253	3.258
+3S	3.312	3.321	3.320	3.311	3.312
-3S	3.202	3.204	3.203	3.195	3.203



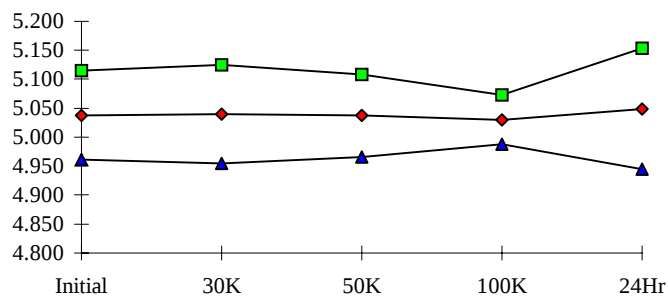
T# 50	IZL VO=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.268	-0.268	-0.268	-0.268	-0.268
176	-0.268	-0.268	-0.268	-0.268	-0.268
193	-0.268	-0.268	-0.268	-0.292	-0.268
223	-0.268	-0.268	-0.268	-0.292	-0.268
225	-0.268	-0.268	-0.268	-0.341	-0.268
311	-0.268	-0.268	-0.268	-0.268	-0.268
min	-0.268	-0.268	-0.268	-0.341	-0.268
max	-0.268	-0.268	-0.268	-0.268	-0.268
stdev	0.000	0.000	0.000	0.030	0.000
average	-0.268	-0.268	-0.268	-0.292	-0.268
+3S	-0.268	-0.268	-0.268	-0.203	-0.268
-3S	-0.268	-0.268	-0.268	-0.382	-0.268



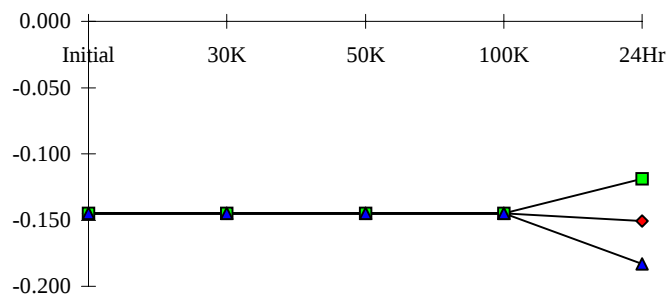
T# 52	TC				uS
SN	Initial	30K	50K	100K	24Hr
173	21.646	21.945	21.945	21.945	22.045
176	21.978	22.609	22.941	23.605	23.705
193	21.978	22.609	22.609	23.605	23.705
223	21.646	22.277	22.609	22.609	23.705
225	22.310	22.941	23.273	23.605	24.037
311	22.642	22.941	22.941	23.605	23.705
min	21.646	22.277	22.609	22.609	23.705
max	22.642	22.941	23.273	23.605	24.037
stdev	0.379	0.278	0.278	0.445	0.148
average	22.111	22.675	22.875	23.406	23.771
+3S	23.246	23.509	23.708	24.742	24.217
-3S	20.975	21.842	22.041	22.070	23.326



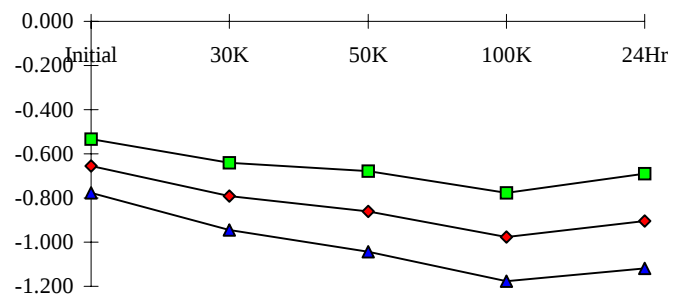
T# 53	I/P IMPEDANCE				KOHMS
SN	Initial	30K	50K	100K	24Hr
173	5.022	5.022	5.019	5.022	5.022
176	5.040	5.050	5.060	5.044	5.085
193	5.019	5.019	5.019	5.019	5.019
223	5.019	5.019	5.019	5.019	5.019
225	5.031	5.025	5.022	5.022	5.034
311	5.081	5.085	5.066	5.047	5.088
min	5.019	5.019	5.019	5.019	5.019
max	5.081	5.085	5.066	5.047	5.088
stdev	0.026	0.028	0.024	0.014	0.035
average	5.038	5.040	5.037	5.030	5.049
+3S	5.115	5.125	5.108	5.072	5.153
-3S	4.961	4.954	4.966	4.988	4.945



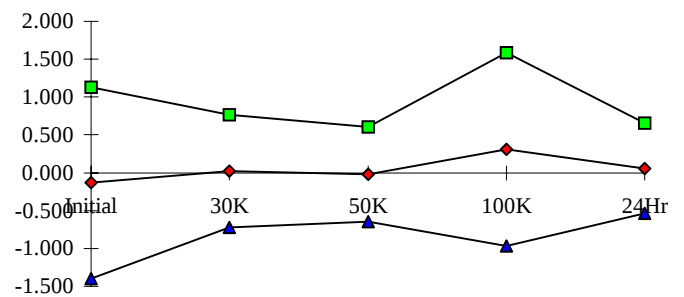
T# 55	IIH VIN=5V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.145	-0.145	-0.145	-0.145	-0.146
176	-0.145	-0.145	-0.145	-0.145	-0.146
193	-0.145	-0.145	-0.145	-0.145	-0.146
223	-0.145	-0.145	-0.145	-0.145	-0.170
225	-0.145	-0.145	-0.145	-0.145	-0.146
311	-0.145	-0.145	-0.145	-0.145	-0.146
min	-0.145	-0.145	-0.145	-0.145	-0.170
max	-0.145	-0.145	-0.145	-0.145	-0.146
stdev	0.000	0.000	0.000	0.000	0.011
average	-0.145	-0.145	-0.145	-0.145	-0.151
+3S	-0.145	-0.145	-0.145	-0.145	-0.119
-3S	-0.145	-0.145	-0.145	-0.145	-0.183



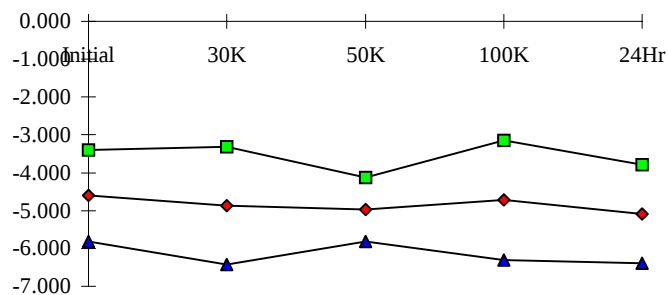
T# 54	IIL VIN=0V				uA
SN	Initial	30K	50K	100K	24Hr
173	-0.610	-0.659	-0.708	-0.635	-0.660
176	-0.610	-0.757	-0.806	-0.904	-0.855
193	-0.684	-0.782	-0.855	-0.977	-0.880
223	-0.684	-0.831	-0.880	-1.002	-0.904
225	-0.684	-0.855	-0.953	-1.075	-1.027
311	-0.610	-0.733	-0.806	-0.929	-0.855
min	-0.684	-0.855	-0.953	-1.075	-1.027
max	-0.610	-0.733	-0.806	-0.904	-0.855
stdev	0.041	0.051	0.061	0.067	0.072
average	-0.654	-0.792	-0.860	-0.977	-0.904
+3S	-0.533	-0.639	-0.677	-0.777	-0.689
-3S	-0.776	-0.944	-1.043	-1.178	-1.119



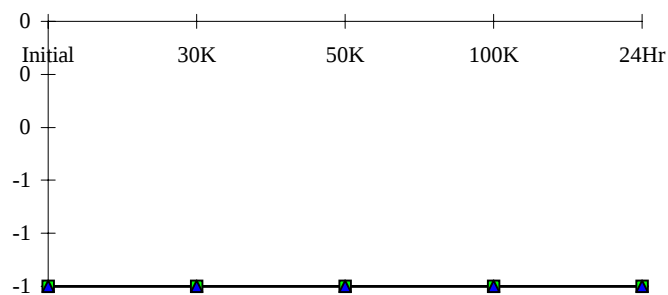
T# 56	+PSS 4.5 TO 5.5V				mV
SN	Initial	30K	50K	100K	24Hr
173	0.384	0.288	0.096	-0.096	0.192
176	-0.096	0.288	0.192	0.192	-0.192
193	-0.576	0.192	0.096	0.671	0.288
223	0.480	-0.288	-0.192	0.576	0.192
225	-0.480	0.096	0.096	-0.384	0.096
311	0.000	-0.192	-0.288	0.480	-0.096
min	-0.576	-0.288	-0.288	-0.384	-0.192
max	0.480	0.288	0.192	0.671	0.288
stdev	0.422	0.248	0.208	0.426	0.199
average	-0.134	0.019	-0.019	0.307	0.058
+3S	1.131	0.765	0.605	1.585	0.655
-3S	-1.400	-0.726	-0.644	-0.971	-0.540



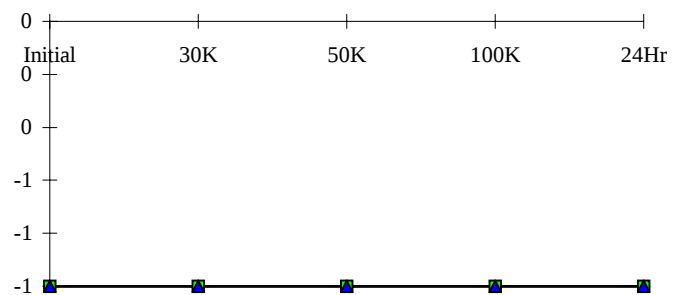
T# 57	-PSS -13.5 TO -16V				mV
SN	Initial	30K	50K	100K	24Hr
173	-4.895	-4.892	-4.508	-5.180	-4.802
176	-4.511	-4.316	-4.796	-4.892	-4.706
193	-4.223	-5.084	-4.796	-4.508	-4.898
223	-5.279	-5.659	-5.467	-5.563	-5.762
225	-4.415	-4.604	-4.892	-4.316	-4.802
311	-4.607	-4.700	-4.892	-4.316	-5.282
min	-5.279	-5.659	-5.467	-5.563	-5.762
max	-4.223	-4.316	-4.796	-4.316	-4.706
stdev	0.402	0.518	0.283	0.527	0.435
average	-4.607	-4.873	-4.969	-4.719	-5.090
+3S	-3.402	-3.317	-4.120	-3.138	-3.786
-3S	-5.812	-6.428	-5.817	-6.300	-6.394



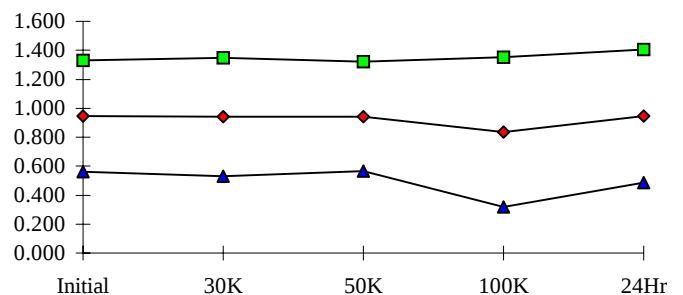
T# 59	MISSING CODES BPO				DEC
SN	Initial	30K	50K	100K	24Hr
173	-1	-1	-1	-1	-1
176	-1	-1	-1	-1	-1
193	-1	-1	-1	-1	-1
223	-1	-1	-1	-1	-1
225	-1	-1	-1	-1	-1
311	-1	-1	-1	-1	-1
min	-1	-1	-1	-1	-1
max	-1	-1	-1	-1	-1
stdev	0	0	0	0	0
average	-1	-1	-1	-1	-1
+3S	-1	-1	-1	-1	-1
-3S	-1	-1	-1	-1	-1



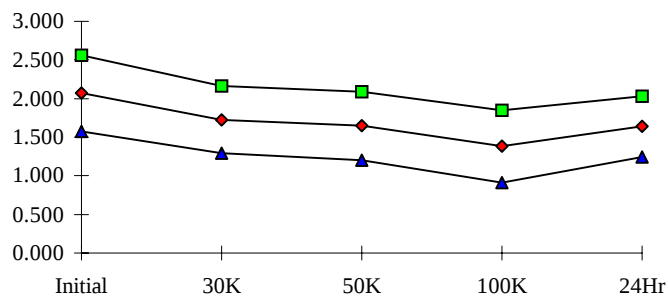
T# 58	MISSING CODES UPO				DEC
SN	Initial	30K	50K	100K	24Hr
173	-1	-1	-1	-1	-1
176	-1	-1	-1	-1	-1
193	-1	-1	-1	-1	-1
223	-1	-1	-1	-1	-1
225	-1	-1	-1	-1	-1
311	-1	-1	-1	-1	-1
min	-1	-1	-1	-1	-1
max	-1	-1	-1	-1	-1
stdev	0	0	0	0	0
average	-1	-1	-1	-1	-1
+3S	-1	-1	-1	-1	-1
-3S	-1	-1	-1	-1	-1



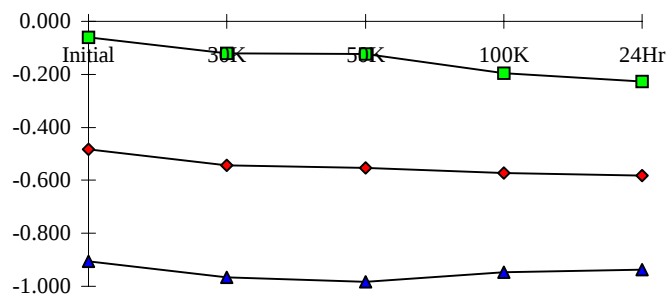
T# 60	UZE				LSB
SN	Initial	30K	50K	100K	24Hr
173	0.994	1.012	0.983	0.963	1.001
176	1.014	1.012	0.993	0.993	1.030
193	0.994	0.973	0.993	0.865	0.981
223	1.024	1.022	1.022	0.865	1.020
225	0.719	0.698	0.718	0.541	0.676
311	0.984	0.993	0.983	0.914	1.030
min	0.719	0.698	0.718	0.541	0.676
max	1.024	1.022	1.022	0.993	1.030
stdev	0.128	0.136	0.126	0.173	0.153
average	0.947	0.940	0.942	0.836	0.947
+3S	1.332	1.349	1.320	1.354	1.407
-3S	0.562	0.531	0.564	0.317	0.488



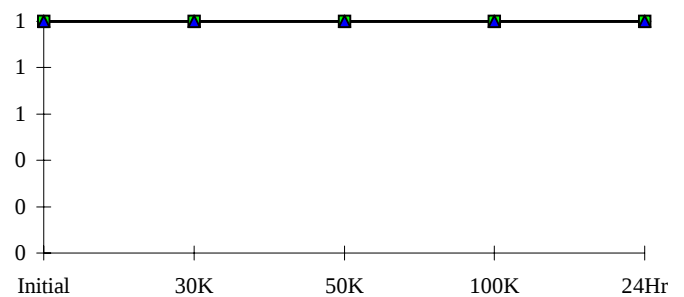
T# 61	UNI VFSE				LSB
SN	Initial	30K	50K	100K	24Hr
173	2.170	2.162	2.192	2.241	2.190
176	1.817	1.573	1.455	1.298	1.492
193	2.239	1.858	1.740	1.514	1.767
223	2.062	1.691	1.632	1.367	1.629
225	2.033	1.612	1.573	1.170	1.531
311	2.190	1.897	1.838	1.553	1.777
min	1.817	1.573	1.455	1.170	1.492
max	2.239	1.897	1.838	1.553	1.777
stdev	0.165	0.145	0.148	0.157	0.131
average	2.068	1.726	1.648	1.380	1.639
+3S	2.562	2.162	2.092	1.852	2.033
-3S	1.574	1.291	1.203	0.909	1.246



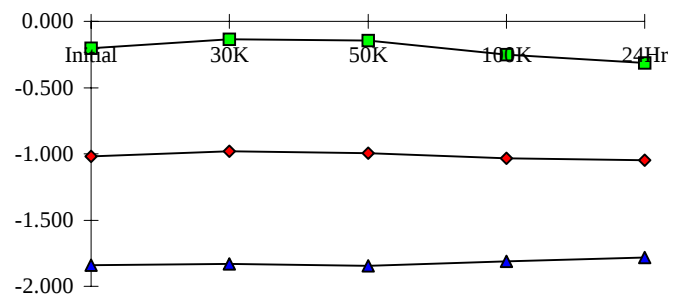
T# 63	BZE				BZE
SN	Initial	30K	50K	100K	24Hr
173	-0.385	-0.426	-0.397	-0.416	-0.422
176	-0.640	-0.662	-0.672	-0.622	-0.629
193	-0.385	-0.416	-0.436	-0.485	-0.511
223	-0.326	-0.416	-0.426	-0.485	-0.471
225	-0.621	-0.721	-0.740	-0.770	-0.766
311	-0.444	-0.505	-0.495	-0.495	-0.530
min	-0.640	-0.721	-0.740	-0.770	-0.766
max	-0.326	-0.416	-0.426	-0.485	-0.471
stdev	0.141	0.141	0.143	0.125	0.118
average	-0.483	-0.544	-0.554	-0.571	-0.581
+3S	-0.060	-0.121	-0.123	-0.196	-0.226
-3S	-0.906	-0.967	-0.984	-0.947	-0.937



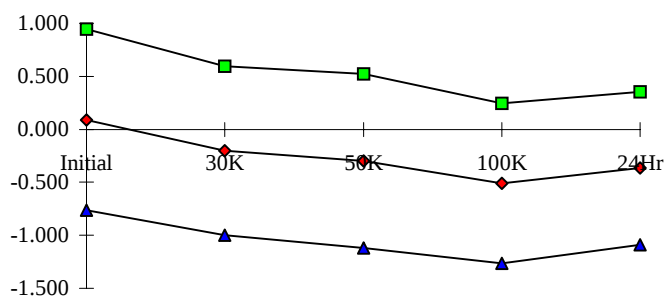
T# 62	UNI TLE/DLE				DEC
SN	Initial	30K	50K	100K	24Hr
173	1	1	1	1	1
176	1	1	1	1	1
193	1	1	1	1	1
223	1	1	1	1	1
225	1	1	1	1	1
311	1	1	1	1	1
min	1	1	1	1	1
max	1	1	1	1	1
stdev	0	0	0	0	0
average	1	1	1	1	1
+3S	1	1	1	1	1
-3S	1	1	1	1	1



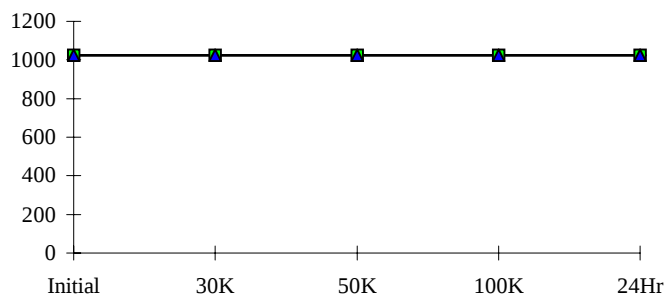
T# 64	BIP -VFSE				LSB
SN	Initial	30K	50K	100K	24Hr
173	-0.946	-0.992	-1.021	-1.011	-0.988
176	-1.045	-1.031	-1.021	-1.080	-1.037
193	-0.720	-0.667	-0.658	-0.707	-0.772
223	-0.770	-0.717	-0.766	-0.834	-0.850
225	-1.330	-1.306	-1.326	-1.335	-1.332
311	-1.241	-1.188	-1.208	-1.208	-1.254
min	-1.330	-1.306	-1.326	-1.335	-1.332
max	-0.720	-0.667	-0.658	-0.707	-0.772
stdev	0.273	0.283	0.284	0.260	0.244
average	-1.021	-0.982	-0.996	-1.033	-1.049
+3S	-0.202	-0.134	-0.145	-0.254	-0.316
-3S	-1.840	-1.829	-1.846	-1.812	-1.782



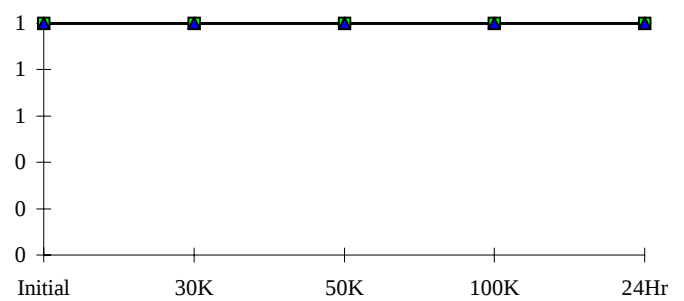
T# 65	BIP VFSE				LSB
SN	Initial	30K	50K	100K	24Hr
173	0.177	0.159	0.189	0.189	0.163
176	-0.226	-0.450	-0.587	-0.705	-0.545
193	0.491	0.199	0.091	-0.126	-0.014
223	0.265	-0.076	-0.155	-0.391	-0.220
225	-0.049	-0.391	-0.499	-0.715	-0.564
311	-0.030	-0.293	-0.342	-0.617	-0.486
min	-0.226	-0.450	-0.587	-0.715	-0.564
max	0.491	0.199	0.091	-0.126	-0.014
stdev	0.285	0.266	0.273	0.252	0.240
average	0.090	-0.202	-0.298	-0.511	-0.366
+3S	0.945	0.595	0.520	0.244	0.355
-3S	-0.765	-0.999	-1.117	-1.265	-1.087



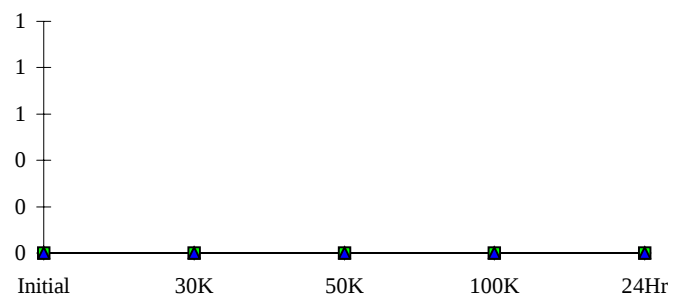
T# 67	DIG. VIL				DEC
SN	Initial	30K	50K	100K	24Hr
173	1023	1023	1023	1023	1023
176	1023	1023	1023	1023	1023
193	1023	1023	1023	1023	1023
223	1023	1023	1023	1023	1023
225	1023	1023	1023	1023	1023
311	1023	1023	1023	1023	1023
min	1023	1023	1023	1023	1023
max	1023	1023	1023	1023	1023
stdev	0	0	0	0	0
average	1023	1023	1023	1023	1023
+3S	1023	1023	1023	1023	1023
-3S	1023	1023	1023	1023	1023



T# 66	BIP TLE/DLE				DEC
SN	Initial	30K	50K	100K	24Hr
173	1	1	1	1	1
176	1	1	1	1	1
193	1	1	1	1	1
223	1	1	1	1	1
225	1	1	1	1	1
311	1	1	1	1	1
min	1	1	1	1	1
max	1	1	1	1	1
stdev	0	0	0	0	0
average	1	1	1	1	1
+3S	1	1	1	1	1
-3S	1	1	1	1	1



T# 68	DIG. VOLTAGES				DEC
SN	Initial	30K	50K	100K	24Hr
173	0	0	0	0	0
176	0	0	0	0	0
193	0	0	0	0	0
223	0	0	0	0	0
225	0	0	0	0	0
311	0	0	0	0	0
min	0	0	0	0	0
max	0	0	0	0	0
stdev	0	0	0	0	0
average	0	0	0	0	0
+3S	0	0	0	0	0
-3S	0	0	0	0	0



T# 69	DIG. VIH				DEC
SN	Initial	30K	50K	100K	24Hr
173	1	1	1	1	1
176	1	1	1	1	1
193	1	1	1	1	1
223	1	1	1	1	1
225	1	1	1	1	1
311	1	1	1	1	1
min	1	1	1	1	1
max	1	1	1	1	1
stdev	0	0	0	0	0
average	1	1	1	1	1
+3S	1	1	1	1	1
-3S	1	1	1	1	1

