RADIATION TEST REPORT

PRODUCT:	AD590MH/QMLL
GAMMA:	31.9k, 50.2k, 74.8k, 102k/TM1019 Condition D
GAMMA SOURCE:	Co60
DOSE RATE:	8.7 mRad(si)/s
FACILITIES:	University of Massachusetts @ Lowell
TESTED:	2012

The RADTEST[SM] DATA SERVICE is a compilation of radiation test results on Analog Devices' Space grade products. It is designed to assist customers in selecting the right product for applications where radiation is a consideration. Many products manufactured by Analog Devices, Inc. have been shown to be radiation tolerant to most tactical radiation environments. Analog Devices, Inc. does not make any claim to maintain or guarantee these levels of radiation tolerance without lot qualification test.

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:

Analog Devices, Inc. does not recommend use of this data to qualify other product grades or process levels. Analog Devices, Inc. is not responsible and has no liability for any consequences, and all applicable Warranties are null and void if any Analog product is modified in any way or used outside of normal environmental and operating conditions, including the parameters specified in the corresponding data sheet. Analog Devices, Inc. does not guarantee that wafer manufacturing is the same for all process levels.

	T#3	Ambient Error					C
	SN	Initial	30K	50K	75K	100K	Limit
Control	27	-0.3300	-0.3180	-0.129	-0.239	-0.340	-10 to 1
	28	-0.324	-0.317	-0.369	-0.135	-0.340	
Biased	29	0.075	-1.558	-2.691	-4.832	-6.039	
	30	-0.830	-2.067	-3.194	-4.832	-6.639	
	31	0.027	-2.052	-2.962	-4.535	-6.339	
	32	-0.124	-1.936	-2.914	-4.425	-6.439	
	Min	-0.830	-2.067	-3.194	-4.832	-6.639	
	Max	0.075	-1.558	-2.691	-4.425	-6.039	
	Average	-0.213	-1.903	-2.940	-4.656	-6.364	
UnBiased	33	0.076	-1.854	-2.948	-4.629	-6.543	
	34	0.179	-1.554	-2.708	-4.524	-6.342	
	35	-0.132	-1.905	-3.089	-4.724	-6.445	
	36	0.267	-1.847	-2.989	-4.726	-6.545	
	Min	-0.132	-1.905	-3.089	-4.726	-6.545	
	Max	0.267	-1.554	-2.708	-4.524	-6.342	
	Average	0.098	-1.790	-2.934	-4.651	-6.469