

KAMAN AEROSPACE CORPORATION  
MEASURING AND MEMORY SYSTEMS  
217 SMITH STREET  
MIDDLETOWN, CONNECTICUT 06457  
CUSTOMER SERVICE (860) 632-4442

CALIBRATION RECORD

CUSTOMER: LBT Observatory

DATE: 15-Oct-07

CUSTOMER P/O NO: 07-069

SYSTEM SN: R070827MS1-01-01

KAMAN SALES ORDER NO: R070827MS1

SENSOR SN: 181520

SYSTEM MODEL NO: SMU9000-51U

P/N: 855707-201

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DISPLACEMENT MM	OUTPUT Volts	LEAST SQUARES FIT Volts	NON-LINEARITY % FSO
0.0	0.000	0.086	-0.86%
0.0	1.056	1.087	-0.31%
0.1	2.096	2.087	0.09%
0.1	3.126	3.088	0.38%
0.1	4.133	4.089	0.44%
0.1	5.137	5.089	0.48%
0.2	6.136	6.090	0.46%
0.2	7.131	7.091	0.40%
0.2	8.110	8.091	0.19%
0.2	9.047	9.092	-0.45%
0.3	10.010	10.092	-0.82%

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SUPPLY VOLTAGE (VOLTS): +/-15

TARGET MATERIAL: 4130 Steel

TARGET CURVATURE: Flat

CABLE LENGTH (Meters): 2

CALIBRATION OFFSET (MM): 1

NOTES: ChA

CALIBRATION TECHNICIAN: \_\_\_\_\_

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CALIBRATION RECORD

CUSTOMER: LBT Observatory

DATE: 15-Oct-07

CUSTOMER P/O NO: 07-069

SYSTEM SN: R070827MS1-01-01

KAMAN SALES ORDER NO: R070827MS1

SENSOR SN: 175898

SYSTEM MODEL NO: SMU9000-51U

P/N: 855707-201

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DISPLACEMENT	OUTPUT	LEAST SQUARES FIT	NON-LINEARITY
MM	Volts	Volts	% FSO
0.0	0.000	0.032	-0.32%
0.0	1.007	1.033	-0.26%
0.1	2.029	2.034	-0.05%
0.1	3.052	3.036	0.16%
0.1	4.060	4.037	0.23%
0.1	5.066	5.038	0.28%
0.2	6.072	6.039	0.33%
0.2	7.063	7.040	0.23%
0.2	8.055	8.041	0.14%
0.2	9.018	9.042	-0.24%
0.3	9.992	10.043	-0.51%

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