MARTEL ELECTRONICS

BETA CALIBRATORS

REPORT OF CALIBRATION

This instrument is calibrated and tested to verify compliance with Martel's test specifications for all ranges and parameters required to meet 1 year performance specifications. The calibration uses measurement standards traceable to the National Institute of Standards and Technology (NIST). This calibration complies with the requirements of ANSI/NCSL Z540-1-1994 part 2. Calibration and verification are performed at an ambient temperature of 23 ± 5°C and relative humidity of > 20% to < 70%.

Any test uncertainty (TUR) less than 4:1 appears under the TUR heading on the data record. Where the TUR meets or exceeds 4:1, the TUR field is blank.

Tom Fatur
Tom Fatur
President

Michelle Gearin
Calibrated By
Michelle Gearin

Manufacturer: Martel Corporation
Model: LC-110H
Serial Number: 2624093
Calibration Procedure: Martel LC110H:(1 year)CAL/FINAL VER RS-232/M3001
Procedure Revision: 1.01

Cal Date: December 26, 2013
Report Date: December 26, 2013
Temperature: 21.1°C
Relative Humidity: 36 %

Standards Used

Asset	Manufacturer	Model Number	Description	Cal. Date	Due Date
1849213	Martel Corporation	M3001	calibrator	15-Aug-13	14-Feb-14

Test Data

PARAMETER	RESULT	ACCEPTANCE LIMITS LOW	HIGH	TUR
mA Source Verification				
4.0000mA	3.9998	3.9976	4.0024	PASS
12.0000mA	11.9998	11.9968	12.0032	PASS
20.0000mA	19.9999	19.9960	20.0040	PASS
mA Read Verification				
4.000mA	4.000	3.998	4.002	PASS
12.000mA	12.000	11.997	12.003	PASS
20.000mA	20.000	19.996	20.004	PASS
V Read Verification				
0.000V	0.000	-0.002	0.002	PASS
14.000V	14.000	13.997	14.003	PASS
28.000V	28.000	27.995	28.005	PASS

End of Test Data

Calibration Report Number: 0223332624012262013

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