

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/NCSS Z540-1-1994 part 2. Calibration and verification are performed at an ambient temperature of $23 \pm 5^{\circ}\text{C}$ 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

Nancy Fligg

Calibrated By
Nancy Fligg

Manufacturer:	Martel Corporation	Cal Date:	January 17, 2014
Model:	IVC222-HP11	Report Date:	January 17, 2014
Serial Number:	2661095	Temperature:	21.5°C
		Relative Humidity:	43 %
Calibration Procedure:	IVC222HP11: (1 year) CAL/FINAL VER RS-232 /3458 com1		
Procedure Revision:	1.3		

Standards Used

Asset	Manufacturer	Model Number	Description	Cal. Date	Due Date
2823A27592	Hewlett Packard	3458A	Multimeter	6-Sep-13	5-Sep-14

Test Data

PARAMETER	RESULT	ACCEPTANCE LIMITS		TUR
		LOW	HIGH	
mV Source Verification				
0.00mV	0.00	-0.02	0.02	PASS
100.00mV	100.00	99.97	100.03	PASS
190.00mV	190.00	189.95	190.05	PASS
V Source Verification				
0.0000V	0.0000	-0.0002	0.0002	PASS
1.0000V	1.0000	0.9997	1.0003	PASS
1.9000V	1.9000	1.8995	1.9005	PASS
0.000V	0.000	-0.002	0.002	PASS
10.000V	10.000	9.997	10.003	PASS
19.000V	19.000	18.995	19.005	PASS
mA Source Verification				
0.000mA	0.000	-0.002	0.002	PASS
12.000mA	12.000	11.996	12.004	PASS
19.000mA	19.000	18.995	19.005	PASS
24.000mA	23.998	23.991	24.009	PASS

End of Test Data