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Calibration Certificate

Manufacturer: Keithley
 Model No: 2602
 Serial No: 1234567
 Procedure: QA-7004D.0
 Data Type: **AFTER DATA**

Calibration Date: 20 July 2007
 Temperature: 22.53 °C
 Relative Humidity: 54.2 %
 Report No: 1234567:1184927633
 Test Status: **IN TOLERANCE**

Customer Information:

Purchase Order No:

- Keithley Instruments, Inc. certifies that the above instrument meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005.
- The quality system is registered to ISO 9001:2000.
- This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.
- The test results shown in this report apply to the calibrated item identified on page 1 of this certificate.
- This calibration certificate shall not be reproduced except in full without the written approval of Keithley Instruments, Inc.
- The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.
- Test status is PASS unless indicated otherwise.
- Testpoints marked with a preceding "*" are not accredited.

Standards Used

<u>Control Number</u>	<u>Description</u>	<u>Cal Date</u>	<u>Due Date</u>
7645	Keithley 6430 Sub-Femtoamp SourceMeter	17-Jul-2007	17-Jan-2008
7721	Keithley RHT Temperature/Humidity Sensor	27-Oct-2006	27-Jul-2007
7757	Fluke 5725A Amplifier	22-Jun-2007	22-Sep-2007
7825	Agilent 3458A 8.5 Digit Multimeter	11-Jun-2007	11-Sep-2007
8900	Keithley 2300-RBOX Resistance Fixture	05-Jul-2007	05-Aug-2007
9123	Fluke 5720A Calibrator	19-Jul-2007	19-Oct-2007

Technician: 1234

Approved By: Helga A. Alexander
 Metrology Services Manager

Measurement Report - AFTER DATA

Report No:1234567:1184927633

Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
CH-A VOLTAGE SOURCE ACCURACY TESTS						
CONFIG: RESET DEFAULTS REMOTE SENSE						
100mV Range						
50.000 mV		50.0001 mV	2.23e-006 V	49.7400 mV	50.2600 mV	
90.000 mV		90.0023 mV	2.55e-006 V	89.7320 mV	90.2680 mV	
-50.000 mV		-49.9980 mV	2.26e-006 V	-50.2600 mV	-49.7400 mV	
-90.000 mV		-89.9981 mV	2.71e-006 V	-90.2680 mV	-89.7320 mV	
1V Range						
0.50000 V		0.500030 V	7.01e-006 V	0.499500 V	0.500500 V	
0.90000 V		0.900020 V	8.15e-006 V	0.899420 V	0.900580 V	
-0.50000 V		-0.499926 V	8.20e-006 V	-0.500500 V	-0.499500 V	
-0.90000 V		-0.899930 V	8.15e-006 V	-0.900580 V	-0.899420 V	
6V Range						
3.00000 V		2.999854 V	1.83e-005 V	2.997600 V	3.002400 V	
5.40000 V		5.399886 V	2.72e-005 V	5.397120 V	5.402880 V	
-3.00000 V		-2.999867 V	1.83e-005 V	-3.002400 V	-2.997600 V	
-5.40000 V		-5.399850 V	2.69e-005 V	-5.402880 V	-5.397120 V	
40V Range						
20.0000 V		19.99996 V	2.27e-004 V	19.98400 V	20.01600 V	
36.0000 V		36.00003 V	3.20e-004 V	35.98080 V	36.01920 V	
-20.0000 V		-19.99897 V	2.26e-004 V	-20.01600 V	-19.98400 V	
-36.0000 V		-35.99866 V	3.20e-004 V	-36.01920 V	-35.98080 V	
CH-A CURRENT SOURCE ACCURACY TESTS						
CONFIG: RESET DEFAULTS REMOTE SENSE						
3A Range						
1.50000 A		1.499843 A	3.76e-004 A	1.497600 A	1.502400 A	
2.40000 A		2.399827 A	6.01e-004 A	2.397060 A	2.402940 A	
-1.50000 A		-1.499997 A	3.76e-004 A	-1.502400 A	-1.497600 A	
-2.40000 A		-2.400019 A	6.01e-004 A	-2.402940 A	-2.397060 A	
1A Range						
0.50000 A		0.499844 A	8.06e-005 A	0.498850 A	0.501150 A	
0.90000 A		0.899817 A	1.28e-004 A	0.898650 A	0.901350 A	
-0.50000 A		-0.500181 A	8.05e-005 A	-0.501150 A	-0.498850 A	
-0.90000 A		-0.900116 A	1.29e-004 A	-0.901350 A	-0.898650 A	
100mA Range						
50.000 mA		49.9944 mA	3.32e-006 A	49.9650 mA	50.0350 mA	
90.000 mA		89.9926 mA	4.73e-006 A	89.9530 mA	90.0470 mA	
-50.000 mA		-49.9946 mA	3.32e-006 A	-50.0350 mA	-49.9650 mA	
-90.000 mA		-89.9927 mA	4.75e-006 A	-90.0470 mA	-89.9530 mA	
10mA Range						
5.0000 mA		5.00004 mA	2.49e-007 A	4.99550 mA	5.00450 mA	
9.0000 mA		8.99987 mA	3.22e-007 A	8.99430 mA	9.00570 mA	
-5.0000 mA		-5.00014 mA	2.53e-007 A	-5.00450 mA	-4.99550 mA	
-9.0000 mA		-9.00000 mA	3.23e-007 A	-9.00570 mA	-8.99430 mA	

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Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
1mA Range						
0.50000 mA		0.499989 mA	2.48e-008 A	0.499650 mA	0.500350 mA	
0.90000 mA		0.899980 mA	3.20e-008 A	0.899530 mA	0.900470 mA	
-0.50000 mA		-0.499996 mA	2.49e-008 A	-0.500350 mA	-0.499650 mA	
-0.90000 mA		-0.899977 mA	3.22e-008 A	-0.900470 mA	-0.899530 mA	
100uA Range						
50.000 µA		49.9957 µA	2.86e-009 A	49.9550 µA	50.0450 µA	
90.000 µA		89.9943 µA	3.57e-009 A	89.9430 µA	90.0570 µA	
-50.000 µA		-50.0004 µA	2.83e-009 A	-50.0450 µA	-49.9550 µA	
-90.000 µA		-90.0004 µA	3.57e-009 A	-90.0570 µA	-89.9430 µA	
10uA Range						
5.0000 µA		4.99991 µA	3.07e-010 A	4.99650 µA	5.00350 µA	
9.0000 µA		8.99977 µA	3.79e-010 A	8.99530 µA	9.00470 µA	
-5.0000 µA		-5.00001 µA	3.04e-010 A	-5.00350 µA	-4.99650 µA	
-9.0000 µA		-8.99996 µA	3.82e-010 A	-9.00470 µA	-8.99530 µA	
1uA Range						
0.50000 µA		0.500001 µA	9.05e-011 A	0.499250 µA	0.500750 µA	
0.90000 µA		0.899977 µA	9.82e-011 A	0.899130 µA	0.900870 µA	
-0.50000 µA		-0.499974 µA	9.06e-011 A	-0.500750 µA	-0.499250 µA	
-0.90000 µA		-0.899950 µA	9.81e-011 A	-0.900870 µA	-0.899130 µA	
100nA Range						
50.000 nA		49.9974 nA	6.08e-011 A	49.8700 nA	50.1300 nA	
90.000 nA		89.9944 nA	6.22e-011 A	89.8460 nA	90.1540 nA	
-50.000 nA		-50.0000 nA	6.08e-011 A	-50.1300 nA	-49.8700 nA	
-90.000 nA		-89.9989 nA	6.22e-011 A	-90.1540 nA	-89.8460 nA	
CH-A CURRENT MEASURE ACCURACY TESTS						
CONFIG: RESET DEFAULTS						
100nA Range						
50.000 nA	49.9937nA	49.982 nA	6.91e-011 A	49.869 nA	50.119 nA	
90.000 nA	89.9866nA	89.976 nA	7.71e-011 A	89.842 nA	90.132 nA	
-50.000 nA	-49.9969nA	-49.998 nA	6.91e-011 A	-50.122 nA	-49.872 nA	
-90.000 nA	-89.9886nA	-89.991 nA	7.70e-011 A	-90.134 nA	-89.844 nA	
1uA Range						
0.50000 µA	0.499958µA	0.49995 µA	1.17e-010 A	0.49953 µA	0.50038 µA	
0.90000 µA	0.899905µA	0.89990 µA	1.53e-010 A	0.89938 µA	0.90043 µA	
-0.50000 µA	-0.499965µA	-0.49996 µA	1.18e-010 A	-0.50039 µA	-0.49954 µA	
-0.90000 µA	-0.899890µA	-0.89994 µA	1.50e-010 A	-0.90041 µA	-0.89937 µA	
10uA Range						
5.0000 µA	4.99981µA	4.9998 µA	4.97e-010 A	4.9971 µA	5.0026 µA	
9.0000 µA	8.99935µA	8.9993 µA	7.74e-010 A	8.9956 µA	9.0031 µA	
-5.0000 µA	-4.99986µA	-4.9998 µA	4.96e-010 A	-5.0026 µA	-4.9971 µA	
-9.0000 µA	-8.99939µA	-8.9993 µA	7.76e-010 A	-9.0031 µA	-8.9956 µA	
100uA Range						
50.000 µA		50.002 µA	7.77e-009 A	49.965 µA	50.035 µA	
90.000 µA		90.002 µA	9.17e-009 A	89.957 µA	90.043 µA	

Measurement Report - AFTER DATA

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Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
-50.000 μ A		-49.999 μ A	7.77e-009 A	-50.035 μ A	-49.965 μ A	
-90.000 μ A		-89.998 μ A	9.17e-009 A	-90.043 μ A	-89.957 μ A	
1mA Range						
0.50000 mA		0.50000 mA	2.27e-008 A	0.49970 mA	0.50030 mA	
0.90000 mA		0.89999 mA	3.45e-008 A	0.89962 mA	0.90038 mA	
-0.50000 mA		-0.50000 mA	2.27e-008 A	-0.50030 mA	-0.49970 mA	
-0.90000 mA		-0.90000 mA	3.45e-008 A	-0.90038 mA	-0.89962 mA	
10mA Range						
5.0000 mA		5.0001 mA	1.99e-007 A	4.9965 mA	5.0035 mA	
9.0000 mA		9.0000 mA	3.15e-007 A	8.9957 mA	9.0043 mA	
-5.0000 mA		-4.9999 mA	2.01e-007 A	-5.0035 mA	-4.9965 mA	
-9.0000 mA		-8.9997 mA	3.17e-007 A	-9.0043 mA	-8.9957 mA	
100mA Range						
50.000 mA		50.005 mA	2.76e-006 A	49.970 mA	50.030 mA	
90.000 mA		90.004 mA	4.34e-006 A	89.962 mA	90.038 mA	
-50.000 mA		-50.005 mA	2.76e-006 A	-50.030 mA	-49.970 mA	
-90.000 mA		-90.004 mA	4.34e-006 A	-90.038 mA	-89.962 mA	
1A Range						
0.50000 A		0.50007 A	4.29e-005 A	0.49835 A	0.50165 A	
0.90000 A		0.90008 A	6.68e-005 A	0.89823 A	0.90177 A	
-0.50000 A		-0.49996 A	4.28e-005 A	-0.50165 A	-0.49835 A	
-0.90000 A		-0.89992 A	6.65e-005 A	-0.90177 A	-0.89823 A	
3A Range						
1.50000 A		1.50025 A	9.90e-004 A	1.49575 A	1.50425 A	
2.40000 A		2.40029 A	1.30e-003 A	2.39530 A	2.40470 A	
-1.50000 A		-1.50025 A	9.90e-004 A	-1.50425 A	-1.49575 A	
-2.40000 A		-2.40027 A	1.30e-003 A	-2.40470 A	-2.39530 A	
CH-A VOLTAGE MEASURE ACCURACY TESTS						
CONFIG: RESET DEFAULTS REMOTE SENSE						
100mV Range						
50.000 mV		50.005 mV	1.19e-006 V	49.843 mV	50.157 mV	
90.000 mV		90.006 mV	2.52e-006 V	89.837 mV	90.163 mV	
-50.000 mV		-49.991 mV	5.09e-006 V	-50.157 mV	-49.843 mV	
-90.000 mV		-89.995 mV	5.25e-006 V	-90.163 mV	-89.837 mV	
1V Range						
0.50000 V		0.50000 V	7.61e-006 V	0.49972 V	0.50028 V	
0.90000 V		0.89999 V	9.69e-006 V	0.89967 V	0.90034 V	
-0.50000 V		-0.49998 V	1.15e-005 V	-0.50028 V	-0.49972 V	
-0.90000 V		-0.89997 V	1.03e-005 V	-0.90034 V	-0.89967 V	
6V Range						
3.00000 V		3.00004 V	1.27e-005 V	2.99855 V	3.00145 V	
5.40000 V		5.40002 V	1.84e-005 V	5.39819 V	5.40181 V	
-3.00000 V		-2.99989 V	1.32e-005 V	-3.00145 V	-2.99855 V	
-5.40000 V		-5.39988 V	1.86e-005 V	-5.40181 V	-5.39819 V	
40V Range						

Measurement Report - AFTER DATA

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Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
20.0000 V		19.9999 V	8.43e-005 V	19.9890 V	20.0110 V	
36.0000 V		35.9996 V	1.80e-004 V	35.9866 V	36.0134 V	
-20.0000 V		-19.9996 V	8.78e-005 V	-20.0110 V	-19.9890 V	
-36.0000 V		-35.9994 V	1.80e-004 V	-36.0134 V	-35.9866 V	

CH-B VOLTAGE SOURCE ACCURACY TESTS CONFIG: RESET DEFAULTS | REMOTE SENSE

100mV Range

50.000 mV	50.0156 mV	2.11e-006 V	49.7400 mV	50.2600 mV
90.000 mV	90.0157 mV	2.64e-006 V	89.7320 mV	90.2680 mV
-50.000 mV	-49.9987 mV	2.20e-006 V	-50.2600 mV	-49.7400 mV
-90.000 mV	-90.0007 mV	2.59e-006 V	-90.2680 mV	-89.7320 mV

1V Range

0.50000 V	0.499980 V	7.01e-006 V	0.499500 V	0.500500 V
0.90000 V	0.899976 V	9.17e-006 V	0.899420 V	0.900580 V
-0.50000 V	-0.500039 V	7.60e-006 V	-0.500500 V	-0.499500 V
-0.90000 V	-0.900021 V	8.66e-006 V	-0.900580 V	-0.899420 V

6V Range

3.00000 V	2.999816 V	1.83e-005 V	2.997600 V	3.002400 V
5.40000 V	5.399790 V	2.69e-005 V	5.397120 V	5.402880 V
-3.00000 V	-3.000113 V	1.83e-005 V	-3.002400 V	-2.997600 V
-5.40000 V	-5.400216 V	2.72e-005 V	-5.402880 V	-5.397120 V

40V Range

20.0000 V	20.00006 V	2.27e-004 V	19.98400 V	20.01600 V
36.0000 V	36.00036 V	3.20e-004 V	35.98080 V	36.01920 V
-20.0000 V	-20.00026 V	2.27e-004 V	-20.01600 V	-19.98400 V
-36.0000 V	-36.00054 V	3.20e-004 V	-36.01920 V	-35.98080 V

CH-B CURRENT SOURCE ACCURACY TESTS CONFIG: RESET DEFAULTS | REMOTE SENSE

3A Range

1.50000 A	1.499804 A	3.76e-004 A	1.497600 A	1.502400 A
2.40000 A	2.399753 A	6.01e-004 A	2.397060 A	2.402940 A
-1.50000 A	-1.500057 A	3.76e-004 A	-1.502400 A	-1.497600 A
-2.40000 A	-2.400161 A	6.01e-004 A	-2.402940 A	-2.397060 A

1A Range

0.50000 A	0.499950 A	8.05e-005 A	0.498850 A	0.501150 A
0.90000 A	0.899707 A	1.28e-004 A	0.898650 A	0.901350 A
-0.50000 A	-0.500056 A	8.14e-005 A	-0.501150 A	-0.498850 A
-0.90000 A	-0.900244 A	1.29e-004 A	-0.901350 A	-0.898650 A

100mA Range

50.000 mA	49.9946 mA	3.32e-006 A	49.9650 mA	50.0350 mA
90.000 mA	89.9936 mA	4.73e-006 A	89.9530 mA	90.0470 mA
-50.000 mA	-49.9986 mA	3.32e-006 A	-50.0350 mA	-49.9650 mA
-90.000 mA	-89.9979 mA	4.72e-006 A	-90.0470 mA	-89.9530 mA

10mA Range

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Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
5.0000 mA		4.99957 mA	2.49e-007 A	4.99550 mA	5.00450 mA	
9.0000 mA		8.99981 mA	3.22e-007 A	8.99430 mA	9.00570 mA	
-5.0000 mA		-5.00057 mA	2.49e-007 A	-5.00450 mA	-4.99550 mA	
-9.0000 mA		-9.00080 mA	3.23e-007 A	-9.00570 mA	-8.99430 mA	
1mA Range						
0.50000 mA		0.500001 mA	2.48e-008 A	0.499650 mA	0.500350 mA	
0.90000 mA		0.899994 mA	3.23e-008 A	0.899530 mA	0.900470 mA	
-0.50000 mA		-0.499996 mA	2.49e-008 A	-0.500350 mA	-0.499650 mA	
-0.90000 mA		-0.899990 mA	3.20e-008 A	-0.900470 mA	-0.899530 mA	
100uA Range						
50.000 µA		50.0003 µA	2.82e-009 A	49.9550 µA	50.0450 µA	
90.000 µA		90.0030 µA	3.57e-009 A	89.9430 µA	90.0570 µA	
-50.000 µA		-50.0004 µA	2.83e-009 A	-50.0450 µA	-49.9550 µA	
-90.000 µA		-89.9990 µA	3.57e-009 A	-90.0570 µA	-89.9430 µA	
10uA Range						
5.0000 µA		4.99999 µA	3.04e-010 A	4.99650 µA	5.00350 µA	
9.0000 µA		8.99990 µA	3.82e-010 A	8.99530 µA	9.00470 µA	
-5.0000 µA		-5.00001 µA	3.04e-010 A	-5.00350 µA	-4.99650 µA	
-9.0000 µA		-8.99997 µA	3.79e-010 A	-9.00470 µA	-8.99530 µA	
1uA Range						
0.50000 µA		0.499999 µA	9.06e-011 A	0.499250 µA	0.500750 µA	
0.90000 µA		0.900004 µA	9.82e-011 A	0.899130 µA	0.900870 µA	
-0.50000 µA		-0.500027 µA	9.06e-011 A	-0.500750 µA	-0.499250 µA	
-0.90000 µA		-0.900010 µA	9.82e-011 A	-0.900870 µA	-0.899130 µA	
100nA Range						
50.000 nA		49.9984 nA	6.08e-011 A	49.8700 nA	50.1300 nA	
90.000 nA		89.9964 nA	6.22e-011 A	89.8460 nA	90.1540 nA	
-50.000 nA		-49.9967 nA	6.08e-011 A	-50.1300 nA	-49.8700 nA	
-90.000 nA		-89.9993 nA	6.22e-011 A	-90.1540 nA	-89.8460 nA	
CH-B CURRENT MEASURE ACCURACY TESTS						
CONFIG: RESET DEFAULTS						
100nA Range						
50.000 nA	49.9926nA	49.991 nA	6.91e-011 A	49.868 nA	50.118 nA	
90.000 nA	89.9856nA	89.989 nA	7.70e-011 A	89.841 nA	90.131 nA	
-50.000 nA	-49.9986nA	-49.982 nA	6.92e-011 A	-50.124 nA	-49.874 nA	
-90.000 nA	-89.9893nA	-89.970 nA	8.32e-011 A	-90.134 nA	-89.844 nA	
1uA Range						
0.50000 µA	0.499957µA	0.50002 µA	1.13e-010 A	0.49953 µA	0.50038 µA	
0.90000 µA	0.899913µA	0.89993 µA	1.53e-010 A	0.89939 µA	0.90044 µA	
-0.50000 µA	-0.499969µA	-0.49994 µA	1.27e-010 A	-0.50039 µA	-0.49954 µA	
-0.90000 µA	-0.899898µA	-0.89988 µA	1.57e-010 A	-0.90042 µA	-0.89937 µA	
10uA Range						
5.0000 µA	4.99981µA	4.9999 µA	5.18e-010 A	4.9971 µA	5.0026 µA	
9.0000 µA	8.99932µA	8.9993 µA	7.76e-010 A	8.9956 µA	9.0031 µA	
-5.0000 µA	-4.99991µA	-4.9999 µA	4.95e-010 A	-5.0027 µA	-4.9972 µA	

Measurement Report - AFTER DATA

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Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
-9.0000 μ A	-8.99943 μ A	-8.9994 μ A	7.76e-010 A	-9.0032 μ A	-8.9957 μ A	
100uA Range						
50.000 μ A		49.997 μ A	7.78e-009 A	49.965 μ A	50.035 μ A	
90.000 μ A		89.996 μ A	9.17e-009 A	89.957 μ A	90.043 μ A	
-50.000 μ A		-50.004 μ A	7.77e-009 A	-50.035 μ A	-49.965 μ A	
-90.000 μ A		-90.004 μ A	9.17e-009 A	-90.043 μ A	-89.957 μ A	
1mA Range						
0.50000 mA		0.49999 mA	2.27e-008 A	0.49970 mA	0.50030 mA	
0.90000 mA		0.89999 mA	3.45e-008 A	0.89962 mA	0.90038 mA	
-0.50000 mA		-0.50001 mA	2.27e-008 A	-0.50030 mA	-0.49970 mA	
-0.90000 mA		-0.90001 mA	3.45e-008 A	-0.90038 mA	-0.89962 mA	
10mA Range						
5.0000 mA		5.0004 mA	2.01e-007 A	4.9965 mA	5.0035 mA	
9.0000 mA		9.0003 mA	3.15e-007 A	8.9957 mA	9.0043 mA	
-5.0000 mA		-4.9996 mA	2.02e-007 A	-5.0035 mA	-4.9965 mA	
-9.0000 mA		-8.9995 mA	3.17e-007 A	-9.0043 mA	-8.9957 mA	
100mA Range						
50.000 mA		50.006 mA	2.79e-006 A	49.970 mA	50.030 mA	
90.000 mA		90.004 mA	4.34e-006 A	89.962 mA	90.038 mA	
-50.000 mA		-50.004 mA	2.76e-006 A	-50.030 mA	-49.970 mA	
-90.000 mA		-90.003 mA	4.34e-006 A	-90.038 mA	-89.962 mA	
1A Range						
0.50000 A		0.50007 A	4.25e-005 A	0.49835 A	0.50165 A	
0.90000 A		0.90017 A	6.64e-005 A	0.89823 A	0.90177 A	
-0.50000 A		-0.49988 A	4.26e-005 A	-0.50165 A	-0.49835 A	
-0.90000 A		-0.89979 A	6.70e-005 A	-0.90177 A	-0.89823 A	
3A Range						
1.50000 A		1.50031 A	9.90e-004 A	1.49575 A	1.50425 A	
2.40000 A		2.40048 A	1.30e-003 A	2.39530 A	2.40470 A	
-1.50000 A		-1.50019 A	9.90e-004 A	-1.50425 A	-1.49575 A	
-2.40000 A		-2.40016 A	1.30e-003 A	-2.40470 A	-2.39530 A	
CH-B VOLTAGE MEASURE ACCURACY TESTS						
CONFIG: RESET DEFAULTS REMOTE SENSE						
100mV Range						
50.000 mV		49.954 mV	1.11e-006 V	49.843 mV	50.157 mV	
90.000 mV		89.961 mV	1.68e-006 V	89.837 mV	90.163 mV	
-50.000 mV		-50.043 mV	3.97e-006 V	-50.157 mV	-49.843 mV	
-90.000 mV		-90.042 mV	2.75e-006 V	-90.163 mV	-89.837 mV	
1V Range						
0.50000 V		0.49997 V	1.02e-005 V	0.49972 V	0.50028 V	
0.90000 V		0.89996 V	9.29e-006 V	0.89967 V	0.90034 V	
-0.50000 V		-0.50002 V	8.44e-006 V	-0.50028 V	-0.49972 V	
-0.90000 V		-0.90002 V	8.35e-006 V	-0.90034 V	-0.89967 V	
6V Range						
3.00000 V		3.00005 V	1.31e-005 V	2.99855 V	3.00145 V	

Measurement Report - AFTER DATA

Report No:1234567:1184927633

Test Description	True Value	Test Result	Measurement Uncertainty	Lower Limit	Upper Limit	Test Status
5.40000 V		5.40004 V	1.82e-005 V	5.39819 V	5.40181 V	
-3.00000 V		-2.99998 V	1.55e-005 V	-3.00145 V	-2.99855 V	
-5.40000 V		-5.39995 V	1.92e-005 V	-5.40181 V	-5.39819 V	
40V Range						
20.0000 V		19.9999 V	8.96e-005 V	19.9890 V	20.0110 V	
36.0000 V		35.9999 V	1.80e-004 V	35.9866 V	36.0134 V	
-20.0000 V		-19.9999 V	7.91e-005 V	-20.0110 V	-19.9890 V	
-36.0000 V		-35.9999 V	1.80e-004 V	-36.0134 V	-35.9866 V	

Comments:

***** End of Measurement Report *****

SAMPLE