

Manufacturer	ADVANTEST	Calibration date	March 05 2018
Model Number	R6581T	Ambient Temperature	21.56 °C
Serial	0	Relative Humidity	48.65 %
ID Number	XD-6581T	Pressure	1016.69
Notes	Pre-cal check GPIB10	Test type	PERFVAL

This note is test dummy text block for further use. It allow to include user information for further reference

Reference standard	Mfg	Model	Options	Serial / Unc	CEID	Calibration date	Due date
TEST MFC	Fluke	5700A	None	x26	ID02	10/03/2013	10/03/2014
DMM	HP	3458A	001,X02	MY45040325	XD2	01/05/2017	01/05/2018
DMM	Keithley	2002	MEM2	0603805	XD4	02/25/2018	02/25/2019
DMM	Keithley	2002	1801	XXX	XD6	01/05/2017	01/05/2018
STDR	xDevs.com	1GOhm	1.0 GΩ	XXX	MR00	08/23/2016	08/23/2017
DC STD	xDevs.com	792X[2]	10.000009 VDC	± 2.2ppm	XD01	02/16/2018	08/16/2018

MFC last calibrated	2253.0 days ago	MFC since DCV ZERO	5.0 days ago
MFC since WBFLAT	0.0 days ago	MFC since WBGAIN	0.0 days ago
MFC Confidence level	<b>24h 95%</b>	MFC Calibrate date	2013-10-03 00:00:00
MFC Calibrate date Zero	2019-03-01 00:00:00	Calibrate date WB Flatness	1988-10-01 00:00:00
Calibrate date WB Gain	1988-10-01 00:00:00	CAL CONST 6.5V reference voltage	6.53722425884
CAL CONST 13V reference voltage	13.0725878729	CAL CONST 22V range positive zero	398.18762
CAL CONST 22V range negative zero	398.18688	CAL CONST DAC Linearity	0.295316643473
CAL CONST 10KOHM true output resistance	9999.58094647	CAL CONST 10KOHM standard resistance	9999.79242649
CAL CONST, Zero calibration temperature	23.0	CAL CONST, All calibration temp	23.0

This note is test MFC dummy text block for further use.  
Calibrator was warmed up >8 hours.

Meter Info	ADVANTEST,R6581D,0,A02	Test date start	05 March 2018 12:31
Test specification interval	<b>24 hour DUT spec</b>	Line frequency	60Hz
Next calibration date	0	Last calibration date	0
Last DCV INT CAL temperature	36.832999	Last OHM INT CAL temperature	36.7468058
DUT temperature	35.98	Last calibration temperature	+26.2

Service information

All CAL values
0
ACAL ALL result?
Not tested
Reference
F5700 pre-cal MAR test
DUT Condition
Front terminals used 4W, pre-cal DMM

Test procedure : \$Id: r6581t.py | Rev 586 | 2018/03/05 08:56:50 clu \$

Source procedure : \$Id: f5700a.py | Rev 580 | 2018/03/04 11:10:30 clu \$

Main DC Voltage ranges performance test.

Checks zero offset and +/-FS calibration on all ranges

The following test for the offset voltage specification using MFC 0V source in 4-wire ext sense mode as reference.

DCV gain range points verify gain of the DC voltage function, using uncorrected 24-hour MFC output. DC voltage offset of DUT is nulled before FS tests.

Test Description	Expected Value	Measured Value	Measurement Uncertainty	Lower Limit	Upper Limit	Units	Deviation	DUT Spec	Test Status
Short 0 mVDC	0.000000E+00	<b>0.0000006</b>	0.5 ppm	-0.000000	0.000002	VDC	N/A	1.20 µV	PASS
Short 0.0 VDC	0.000000E+00	<b>0.0000005</b>	0.5 ppm	-0.000001	0.000002	VDC	N/A	4.00 µV	PASS
Short 00.0 VDC	0.000000E+00	<b>0.0000005</b>	0.5 ppm	-0.000001	0.000002	VDC	N/A	80.00 µV	PASS
Short 000.0 VDC	0.000000E+00	<b>0.0000060</b>	0.5 ppm	-0.000094	0.000106	VDC	N/A	0.60 mV	PASS
Short 0000.0 VDC	0.000000E+00	<b>0.0000100</b>	0.5 ppm	-0.000090	0.000110	VDC	N/A	6.00 mV	PASS
DCV Test	0.1V-1000V	DUT	Source unc.	Low Limit	Hi limit	Units	Measured	24h spec	Result
0.1 VDC (0.10 Range)	0.1000000	<b>0.1</b>	7.27 ppm	0.099998023	0.100001977	VDC	0.000 ppm	12.50 ppm	PASS 0.00 %
-0.1 VDC (0.10 Range)	-0.1000000	<b>-0.10000002</b>	7.27 ppm	-0.100001977	-0.099998023	VDC	0.200 ppm	12.50 ppm	PASS 1.01 %
0.1 VDC (1.00 Range)	0.1000000	<b>0.10000048</b>	7.27 ppm	0.099999023	0.100000977	VDC	4.800 ppm	2.50 ppm	PASS 49.13 %
1.0 VDC (1.00 Range)	1.0000000	<b>1.0000035</b>	3.86 ppm	0.99999364	1.00000636	VDC	3.510 ppm	2.50 ppm	PASS 55.19 %
1.1 VDC (1.00 Range)	1.1000000	<b>1.100004</b>	3.86 ppm	1.099993004	1.100006996	VDC	3.655 ppm	2.50 ppm	PASS 57.46 %
-0.1 VDC (1.00 Range)	-0.1000000	<b>-0.10000041</b>	7.27 ppm	-0.100000977	-0.099999023	VDC	4.100 ppm	2.50 ppm	PASS 41.97 %
-1.0 VDC (1.00 Range)	-1.0000000	<b>-1.0000037</b>	3.86 ppm	-1.00000636	-0.99999364	VDC	3.660 ppm	2.50 ppm	PASS 57.55 %
-1.1 VDC (1.00 Range)	-1.1000000	<b>-1.1000043</b>	3.86 ppm	-1.100006996	-1.099993004	VDC	3.882 ppm	2.50 ppm	PASS 61.03 %
1.0 VDC (10.00 Range)	1.0000000	<b>1.0000005</b>	3.86 ppm	0.99999554	1.00000446	VDC	0.500 ppm	0.60 ppm	PASS 11.21 %
10.0 VDC (10.00 Range)	10.0000000	<b>9.9999824</b>	2.77 ppm	9.9999663	10.0000337	VDC	-1.760 ppm	0.60 ppm	PASS 52.23 %
11.0 VDC (10.00 Range)	11.0000000	<b>10.99998</b>	2.73 ppm	10.99996337	11.00003663	VDC	-1.782 ppm	0.60 ppm	PASS 53.51 %
-1.0 VDC (10.00 Range)	-1.0000000	<b>-1.0000002</b>	3.86 ppm	-1.00000446	-0.99999554	VDC	2.000 ppm	0.60 ppm	PASS 44.84 %
-10.0 VDC (10.00 Range)	-10.0000000	<b>-9.9999846</b>	2.77 ppm	-10.0000337	-9.9999663	VDC	-1.540 ppm	0.60 ppm	PASS 45.70 %
-11.0 VDC (10.00 Range)	-11.0000000	<b>-10.999984</b>	2.73 ppm	-11.00003663	-10.99996337	VDC	-1.500 ppm	0.60 ppm	PASS 45.05 %
10 VDC (100.00 Range)	10.0000000	<b>9.999961</b>	2.77 ppm	9.9999373	10.0000627	VDC	-3.900 ppm	3.50 ppm	PASS 62.20 %
100 VDC (100.00 Range)	100.0000000	<b>99.999642</b>	3.73 ppm	99.999277	100.000723	VDC	-3.580 ppm	3.50 ppm	PASS 49.52 %
110 VDC (100.00 Range)	110.0000000	<b>109.99962</b>	3.73 ppm	109.9992047	110.0007953	VDC	-3.427 ppm	3.50 ppm	PASS 47.40 %
-10 VDC (100.00 Range)	-10.0000000	<b>-9.999945</b>	2.77 ppm	-10.0000627	-9.9999373	VDC	-5.500 ppm	3.50 ppm	PASS 87.72 %
-100 VDC (100.00 Range)	-100.0000000	<b>-99.999633</b>	3.73 ppm	-100.000723	-99.999277	VDC	-3.670 ppm	3.50 ppm	PASS 50.76 %
-110 VDC (100.00 Range)	-110.0000000	<b>-109.99961</b>	3.73 ppm	-110.0007953	-109.9992047	VDC	-3.545 ppm	3.50 ppm	PASS 49.04 %
100 VDC (1000.00 Range)	100.0000000	<b>99.99923</b>	3.73 ppm	99.999367	100.000633	VDC	-7.700 ppm	2.60 ppm	FAIL 121.64 %
200 VDC (1000.00 Range)	200.0000000	<b>199.99836</b>	3.73 ppm	199.998734	200.001266	VDC	-8.200 ppm	2.60 ppm	FAIL 129.54 %
1000 VDC (1000.00 Range)	1000.0000000	<b>999.99509</b>	5.45 ppm	999.98495	1000.01505	VDC	-4.910 ppm	2.60 ppm	PASS 32.62 %
-100 VDC (1000.00 Range)	-100.0000000	<b>-99.99939</b>	3.73 ppm	-100.000633	-99.999367	VDC	-6.100 ppm	2.60 ppm	PASS 96.37 %
-200 VDC (1000.00 Range)	-200.0000000	<b>-199.99859</b>	3.73 ppm	-200.001266	-199.998734	VDC	-7.050 ppm	2.60 ppm	FAIL 111.37 %
-1000 VDC (1000.00 Range)	-1000.0000000	<b>-999.99534</b>	5.45 ppm	-1000.00105	-999.99895	VDC	-4.660 ppm	2.60 ppm	FAIL 443.81 %

Additional test for **combined DUT+MFC** DC Voltage Integral Linearity (INL) using fixed 10V range. Integral linearity is a measure of the device's deviation from ideal linear behaviour.

DCV Linearity	10V Range	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
10.999999	10.9999990	<b>10.9999796</b>	2.73 ppm	10.999962370	11.000035630	-1.77 ppm	0.60 ppm	PASS 53.05 %
10.10101	10.1010100	<b>10.1009935</b>	2.73 ppm	10.100976364	10.101043636	-1.63 ppm	0.60 ppm	PASS 48.95 %
10.0	10.0000000	<b>9.9999838</b>	2.73 ppm	9.999966700	10.000033300	-1.62 ppm	0.60 ppm	PASS 48.65 %
9.999999	9.9999990	<b>9.9999829</b>	2.73 ppm	9.999965700	10.000032300	-1.61 ppm	0.60 ppm	PASS 48.35 %
9.0	9.0000000	<b>8.9999865</b>	2.73 ppm	8.999970030	9.000029970	-1.50 ppm	0.60 ppm	PASS 45.05 %
8.888888	8.8888880	<b>8.8888746</b>	2.73 ppm	8.888858400	8.888917600	-1.50 ppm	0.60 ppm	PASS 45.16 %
8.0	8.0000000	<b>7.9999885</b>	2.73 ppm	7.999973360	8.000026640	-1.44 ppm	0.60 ppm	PASS 43.17 %
7.777777	7.7777770	<b>7.7777663</b>	2.73 ppm	7.777751100	7.777802900	-1.37 ppm	0.60 ppm	PASS 41.18 %
7.0	7.0000000	<b>6.9999909</b>	2.73 ppm	6.999976690	7.000023310	-1.30 ppm	0.60 ppm	PASS 39.18 %
6.666666	6.6666660	<b>6.6666571</b>	2.73 ppm	6.666643800	6.666688200	-1.34 ppm	0.60 ppm	PASS 40.24 %
6.0	6.0000000	<b>5.9999934</b>	2.73 ppm	5.999980020	6.000019980	-1.10 ppm	0.60 ppm	PASS 33.03 %
5.555555	5.5555550	<b>5.5555485</b>	2.73 ppm	5.555536500	5.555573500	-1.18 ppm	0.60 ppm	PASS 35.32 %
5.0	5.0000000	<b>4.9999940</b>	2.73 ppm	4.999983350	5.000016650	-1.19 ppm	0.60 ppm	PASS 35.84 %
4.444444	4.4444440	<b>4.4444388</b>	2.73 ppm	4.444429200	4.444458800	-1.18 ppm	0.60 ppm	PASS 35.36 %
4.0	4.0000000	<b>3.9999955</b>	2.73 ppm	3.999986680	4.000013320	-1.13 ppm	0.60 ppm	PASS 34.03 %
3.333333	3.3333330	<b>3.3333297</b>	2.73 ppm	3.333321900	3.333344100	-1.00 ppm	0.60 ppm	PASS 30.03 %
3.0	3.0000000	<b>2.9999968</b>	2.73 ppm	2.999990010	3.000009990	-1.06 ppm	0.60 ppm	PASS 31.70 %
2.222222	2.2222220	<b>2.2222204</b>	2.73 ppm	2.222214600	2.222229400	-0.74 ppm	0.60 ppm	PASS 22.07 %
2.0	2.0000000	<b>1.9999983</b>	2.73 ppm	1.999993340	2.000006660	-0.87 ppm	0.60 ppm	PASS 26.03 %
1.111111	1.1111110	<b>1.1111107</b>	2.73 ppm	1.111107300	1.111114700	-0.27 ppm	0.60 ppm	PASS 8.11 %
1.0	1.0000000	<b>0.9999997</b>	3.86 ppm	0.999995540	1.000004460	-0.33 ppm	0.60 ppm	PASS 7.47 %
0.1234567	0.12345670	<b>0.12345757</b>	7.27 ppm	0.123455728	0.123457672	7.02 ppm	0.60 ppm	PASS 89.20 %
-0.1234567	-0.1234567	<b>-0.1234586</b>	7.27 ppm	-0.123457672	-0.123455728	15.39 ppm	0.60 ppm	FAIL 195.55 %
-1.0	-1.0000000	<b>-1.0000009</b>	3.86 ppm	-1.000004460	-0.999995540	0.87 ppm	0.60 ppm	PASS 19.43 %
-1.111111	-1.1111110	<b>-1.1111117</b>	2.73 ppm	-1.111114700	-1.111107300	0.60 ppm	0.60 ppm	PASS 18.02 %
-2.0	-2.0000000	<b>-1.9999992</b>	2.73 ppm	-2.000006660	-1.999993340	-0.42 ppm	0.60 ppm	PASS 12.51 %
-2.222222	-2.2222220	<b>-2.2222209</b>	2.73 ppm	-2.222229400	-2.222214600	-0.50 ppm	0.60 ppm	PASS 14.86 %
-3.0	-3.0000000	<b>-2.9999973</b>	2.73 ppm	-3.000009990	-2.999990010	-0.90 ppm	0.60 ppm	PASS 27.03 %
-3.333333	-3.3333330	<b>-3.3333301</b>	2.73 ppm	-3.333344100	-3.333321900	-0.87 ppm	0.60 ppm	PASS 26.13 %
-4.0	-4.0000000	<b>-3.9999954</b>	2.73 ppm	-4.000013320	-3.999986680	-1.15 ppm	0.60 ppm	PASS 34.53 %
-4.444444	-4.4444440	<b>-4.4444388</b>	2.73 ppm	-4.444458800	-4.444429200	-1.17 ppm	0.60 ppm	PASS 35.14 %
-5.0	-5.0000000	<b>-4.9999941</b>	2.73 ppm	-5.000016650	-4.999983350	-1.18 ppm	0.60 ppm	PASS 35.44 %
-5.555555	-5.5555550	<b>-5.5555484</b>	2.73 ppm	-5.555573500	-5.555536500	-1.18 ppm	0.60 ppm	PASS 35.50 %
-6.0	-6.0000000	<b>-5.9999930</b>	2.73 ppm	-6.000019980	-5.999980020	-1.16 ppm	0.60 ppm	PASS 34.87 %
-6.666666	-6.6666660	<b>-6.6666577</b>	2.73 ppm	-6.666688200	-6.666643800	-1.25 ppm	0.60 ppm	PASS 37.39 %
-7.0	-7.0000000	<b>-6.9999910</b>	2.73 ppm	-7.000023310	-6.999976690	-1.28 ppm	0.60 ppm	PASS 38.47 %
-7.777777	-7.7777770	<b>-7.7777667</b>	2.73 ppm	-7.777802900	-7.777751100	-1.32 ppm	0.60 ppm	PASS 39.77 %
-8.0	-8.0000000	<b>-7.9999897</b>	2.73 ppm	-8.000026640	-7.999973360	-1.28 ppm	0.60 ppm	PASS 38.54 %
-8.888888	-8.8888880	<b>-8.8888762</b>	2.73 ppm	-8.888917600	-8.888858400	-1.33 ppm	0.60 ppm	PASS 39.98 %
-9.0	-9.0000000	<b>-8.9999878</b>	2.73 ppm	-9.000029970	-8.999970030	-1.36 ppm	0.60 ppm	PASS 40.71 %
-9.999999	-9.9999990	<b>-9.9999853</b>	2.73 ppm	-10.000032300	-9.999965700	-1.37 ppm	0.60 ppm	PASS 41.14 %
-10.0	-10.0000000	<b>-9.9999862</b>	2.73 ppm	-10.000033300	-9.999966700	-1.38 ppm	0.60 ppm	PASS 41.54 %
-10.10101	-10.1010100	<b>-10.1009968</b>	2.73 ppm	-10.101043636	-10.100976364	-1.31 ppm	0.60 ppm	PASS 39.24 %
-10.999999	-10.9999990	<b>-10.9999849</b>	2.73 ppm	-11.000035630	-10.999962370	-1.28 ppm	0.60 ppm	PASS 38.58 %

4W test procedure for all test points that verify Gain of the OHMF function. 4-wire kelvin connection is used between DMM and MFC. 1GΩ resistance range is tested using the external standard, as MFC unable to provide this range value.

OHM Test	1 Ohm to 1 GOhm	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
1 Ω	1.00001600E+00	<b>9.99970000E-01</b>	85.00 ppm	9.9990600E-01	1.0001260E+00	-45.999 ppm	25.00 ppm	PASS 41.82 %
1.9 Ω	1.89980340E+00	<b>1.89967400E+00</b>	85.00 ppm	1.8995944E+00	1.9000124E+00	-68.112 ppm	25.00 ppm	PASS 61.92 %
10 Ω	9.99970600E+00	<b>9.99945100E+00</b>	23.00 ppm	9.9992260E+00	1.0000186E+01	-25.501 ppm	25.00 ppm	PASS 53.13 %
19 Ω	1.89982410E+01	<b>1.89977530E+01</b>	23.00 ppm	1.8997614E+01	1.8998868E+01	-25.687 ppm	10.00 ppm	PASS 77.84 %
100 Ω	9.99981100E+01	<b>9.99953750E+01</b>	10.00 ppm	9.9996110E+01	1.0000011E+02	-27.351 ppm	10.00 ppm	FAIL 136.75 %
190 Ω	1.89988300E+02	<b>1.89982140E+02</b>	10.00 ppm	1.8998488E+02	1.8999172E+02	-32.423 ppm	8.00 ppm	FAIL 180.13 %
1.0 kΩ	9.99939700E+02	<b>9.99906080E+02</b>	8.00 ppm	9.9992370E+02	9.9995570E+02	-33.622 ppm	8.00 ppm	FAIL 210.14 %
1.9 kΩ	1.89989040E+03	<b>1.89982010E+03</b>	8.00 ppm	1.8998705E+03	1.8999103E+03	-37.002 ppm	2.50 ppm	FAIL 352.40 %
10 kΩ	9.99958100E+03	<b>9.99919940E+03</b>	8.00 ppm	9.9994760E+03	9.9996860E+03	-38.162 ppm	2.50 ppm	FAIL 363.44 %
19 kΩ	1.89991350E+04	<b>1.89934490E+04</b>	9.00 ppm	1.8998917E+04	1.8999353E+04	-299.277 ppm	2.50 ppm	FAIL 2602.41 %
100 kΩ	9.99927700E+04	<b>9.99621460E+04</b>	9.00 ppm	9.9991620E+04	9.9993920E+04	-306.262 ppm	2.50 ppm	FAIL 2663.15 %
190 kΩ	1.89998150E+05	<b>1.89938150E+05</b>	9.00 ppm	1.8999435E+05	1.9000195E+05	-315.793 ppm	11.00 ppm	FAIL 1578.96 %
1.0 MΩ	9.99878800E+05	<b>9.99541080E+05</b>	16.00 ppm	9.9985180E+05	9.9990580E+05	-337.761 ppm	11.00 ppm	FAIL 1250.97 %
1.9 MΩ	1.89990310E+06	<b>1.89929500E+06</b>	17.00 ppm	1.8997663E+06	1.9000399E+06	-320.069 ppm	55.00 ppm	FAIL 444.54 %
10 MΩ	9.99810400E+06	<b>9.99499000E+06</b>	33.00 ppm	9.9972242E+06	9.9989838E+06	-311.459 ppm	55.00 ppm	FAIL 353.93 %
19 MΩ	1.89983600E+07	<b>1.89788800E+07</b>	43.00 ppm	1.8987854E+07	1.9008866E+07	-1025.352 ppm	510.00 ppm	FAIL 185.42 %
100 MΩ	1.00002310E+08	<b>9.98695700E+07</b>	100.00 ppm	9.9941309E+07	1.0006331E+08	-1327.369 ppm	510.00 ppm	FAIL 217.60 %
1 GΩ STD	9.97091100E+08	<b>1E+09</b>	30000.0 ppm	962182940.589	1031999259.41	2917.386 ppm	5010.00 ppm	PASS 8.33 %
OHM Test	10 Ω, 10 KΩ ZERO	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
10R REAR Ω	1.00000000E-07	<b>14.0000 μΩ</b>	50.000 μΩ	-0.0001500000005	0.0002500000005	N/A	25.00 ppm	PASS 0.00 %
10K REAR Ω	1.00000000E-07	<b>200.0000 μΩ</b>	550.000 μΩ	0.0003499999995	0.0007500000005	N/A	2.50 ppm	PASS 0.01 %

Procedure for all test points that verify Gain of the DC current DCI function. Both +/-FS points are tested.  
 2-wire connection at LO and DCI is used between DMM and MFC.  
 DCI gain range points verify gain of the DC current function, using corrected 24-hour MFC output.

DCI Test	100nA-1A	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
Zero µADC	0	-4.19E-11	71.82 ppm	0	0	Z-check	410 ppm	INFO
50 nADC	5E-08	4.99274E-08	71.82 ppm	4.997591E-08	5.002409E-08	-1452.002 ppm	410 ppm	INFO
100 nADC	1E-07	1.000224E-07	71.82 ppm	9.995182E-08	1.000482E-07	223.999 ppm	410 ppm	PASS 46.49 %
-50 nADC	-5E-08	-5.01434E-08	71.82 ppm	-5.002409E-08	-4.997591E-08	2868.002 ppm	410 ppm	INFO
-100 nADC	-1E-07	-1.001514E-07	71.82 ppm	-1.000482E-07	-9.995182E-08	1514.001 ppm	410 ppm	FAIL 314.23 %
Zero µADC	0	-3.61E-11	71.82 ppm	0	0	Z-check	410 ppm	INFO
1 µADC	1E-06	1.0002462E-06	71.82 ppm	9.998782E-07	1.000122E-06	246.200 ppm	50 ppm	FAIL 202.10 %
1.1 µADC	1.1E-06	1.1002157E-06	71.82 ppm	1.099866E-06	1.100134E-06	196.091 ppm	50 ppm	FAIL 160.97 %
-1 µADC	-1E-06	-1.0003923E-06	71.82 ppm	-1.000122E-06	-9.998782E-07	392.300 ppm	50 ppm	FAIL 322.03 %
-1.1 µADC	-1.1E-06	-1.100408E-06	71.82 ppm	-1.100134E-06	-1.099866E-06	370.909 ppm	50 ppm	FAIL 304.47 %
Zero 00 µADC	0	-2.52E-10	71.82 ppm	0	0	Z-check	410 ppm	INFO
10 µADC	1E-05	1.0002882E-05	71.82 ppm	9.999032E-06	1.000097E-05	288.200 ppm	25 ppm	FAIL 297.67 %
11 µADC	1.1E-05	1.100325E-05	71.82 ppm	1.099893E-05	1.100107E-05	295.455 ppm	25 ppm	FAIL 305.16 %
-10 µADC	-1E-05	-1.0003215E-05	71.82 ppm	-1.000097E-05	-9.999032E-06	321.500 ppm	25 ppm	FAIL 332.06 %
-11 µADC	-1.1E-05	-1.1003532E-05	71.82 ppm	-1.100107E-05	-1.099893E-05	321.091 ppm	25 ppm	FAIL 331.64 %
Zero 000 µADC	0	-1.51E-09	71.82 ppm	0	0	Z-check	410 ppm	INFO
100 µADC	0.0001	0.00010000084	71.82 ppm	9.999032E-05	0.0001000097	8.400 ppm	25 ppm	PASS 8.68 %
110 µADC	0.00011	0.00011000098	71.82 ppm	0.0001099893	0.0001100107	8.909 ppm	25 ppm	PASS 9.20 %
-100 µADC	-0.0001	-0.00010000359	71.82 ppm	-0.0001000097	-9.999032E-05	35.900 ppm	25 ppm	PASS 37.08 %
-110 µADC	-0.00011	-0.00011000367	71.82 ppm	-0.0001100107	-0.0001099893	33.364 ppm	25 ppm	PASS 34.46 %
Zero mADC	0	-1.2E-08	33.64 ppm	0	0	Z-check	410 ppm	INFO
-1.0 mADC	0.001	0.0010000137	33.64 ppm	0.0009999414	0.001000059	13.700 ppm	25 ppm	PASS 23.36 %
1.1 mADC	0.0011	0.0011000175	33.64 ppm	0.001099935	0.001100065	15.909 ppm	25 ppm	PASS 27.13 %
-1.0 mADC	-0.001	-0.0010000338	33.64 ppm	-0.001000059	-0.0009999414	33.800 ppm	25 ppm	PASS 57.64 %
-1.1 mADC	-0.0011	-0.0011000375	33.64 ppm	-0.001100065	-0.001099935	34.091 ppm	25 ppm	PASS 58.14 %
Zero 00 mADC	0	-1.4E-07	32.27 ppm	0	0	Z-check	50 ppm	INFO
10 mADC	0.01	0.010000037	32.27 ppm	0.009999377	0.01000062	3.700 ppm	30 ppm	PASS 5.94 %
11 mADC	0.011	0.011000057	32.27 ppm	0.01099932	0.01100068	5.182 ppm	30 ppm	PASS 8.32 %
-10 mADC	-0.01	-0.010000341	32.27 ppm	-0.01000062	-0.009999377	34.100 ppm	30 ppm	PASS 54.76 %
-11 mADC	-0.011	-0.011000359	32.27 ppm	-0.01100068	-0.01099932	32.636 ppm	30 ppm	PASS 52.41 %
Zero 000 mADC	0	-1.28E-06	53.32 ppm	0	0	Z-check	25 ppm	INFO
100 mADC	0.1	0.09999917	53.32 ppm	0.09999067	0.1000093	-8.300 ppm	40 ppm	PASS 8.89 %
110 mADC	0.11	0.10999927	53.32 ppm	0.1099897	0.1100103	-6.636 ppm	40 ppm	PASS 7.11 %
-100 mADC	-0.1	-0.10000206	53.32 ppm	-0.1000093	-0.09999067	20.600 ppm	40 ppm	PASS 22.07 %
-110 mADC	-0.11	-0.11000182	53.32 ppm	-0.1100103	-0.1099897	16.545 ppm	40 ppm	PASS 17.73 %
Zero ADC	0	-1.3E-05	115.22 ppm	0	0	Z-check	25 ppm	INFO
1.0 ADC	1	1.0000123	115.22 ppm	0.9997648	1.000235	12.300 ppm	120 ppm	PASS 5.23 %
1.1 ADC	1.1	1.1000128	115.22 ppm	1.099741	1.100259	11.636 ppm	120 ppm	PASS 4.95 %
-1.0 ADC	-1	-1.0000568	115.22 ppm	-1.000235	-0.9997648	56.800 ppm	120 ppm	PASS 24.15 %
-1.1 ADC	-1.1	-1.100057	115.22 ppm	-1.100259	-1.099741	51.818 ppm	120 ppm	PASS 22.03 %

Test completed

Test date	05 March 2018 15:15
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Lab temperature maintained +24°C ±2°C

Internal use only

Not validated

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