

Manufacturer	KEITHLEY INSTRUMENTS	Calibration date	February 26 2018
Model Number	Model 2002	Ambient Temperature	24.41 °C
Serial	0634336	Relative Humidity	62.90 %
ID Number	MM-2002	Pressure	1021.90
Notes	Post-cal check GPIB9	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
CAL MFC	Fluke	5700A	/03 WB	XXX	MC01	11/14/2017	11/14/2018
DC STD	Fluke	732B-3	9.9999323 VDC	± 0.55ppm	SV03	08/20/2016	08/20/2017
DC STD	Fluke	732B-3	9.9999288 VDC	± 0.56ppm	SV03	11/03/2017	11/03/2018
STDR	IET	1 Ohm	0.99997483	± 0.17ppm	SM02	11/03/2017	11/30/2018
STDR	ESI	SR104	10000.0530 KΩ	± 0.15ppm	SM01	10/30/2017	10/30/2018

MFC last calibrated	104.0 days ago	MFC since DCV ZERO	2.0 days ago
MFC since WBFLAT	2007.0 days ago	MFC since WBGAIN	104.0 days ago
MFC Confidence level	24h 95%	MFC Calibrate date	2017-11-14 00:00:00
MFC Calibrate date Zero	2018-02-24 00:00:00	Calibrate date WB Flatness	2012-08-28 00:00:00
Calibrate date WB Gain	2017-11-14 00:00:00	CAL CONST 6.5V reference voltage	6.89136322821
CAL CONST 13V reference voltage	13.7948180303	CAL CONST 22V range positive zero	398.17887
CAL CONST 22V range negative zero	398.17845	CAL CONST DAC Linearity	0.0
CAL CONST 10KOHM true output resistance	10000.0684768	CAL CONST 10KOHM standard resistance	10000.4260101
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	KEITHLEY INSTRUMENTS INC.,MODEL 2002,0634336,A06 /A02	Test date start	26 February 2018 06:27
Test specification interval	24 hour DUT spec	Line frequency	60.0
Next calibration date	2019,02,24	Last calibration date	2018,02,24
DUT Δ temperature to cal	0.26 °C	Last calibration temperature	24.68 °C

Service information

Last calibration temperature

24.68 °C

All CAL values

9.990160E-01,-1.084730E-05,9.995088E+00,-8.524652E-05,9.998874E-01,-9.961330E-05,1.000319E+01,-3.477513E-05,9.999507E+01,4.963948E+02,2.975324E-03,2.303,1.250000E+02,1.240000E+02,-1.014490E-04,-9.399615E-05,-9.434562E-05,-9.402603E-05,-9.415456E-05,-7.212873E-05,-1.304084E-06,-5.556049E-06,-1.345034E-06,-5.8360707,-1.028281E-06,-1.756415E-06,-1.023835E-06,1.423186E+00,1.423186E+00,5.447110E-06,1.423194E+00,1.423186E+00,-9.510209E-07,1.423186E+00,1.423185E+00,7.05,1.778608E+00,1.778606E+00,9.603788E-04,1.779604E+00,1.778611E+00,-1.290373E-05,1.778610E+00,1.778606E+00,7.419775E-03,1.786066E+00,1.778610E+00,1.113787E+00,2.01,2.666188E-01,1.013304E+00,1.013363E+00,2.436566E+00,1.443466E+00,1.013368E+00,2.436571E+00,1.425229E+00,1.266933E+00,3.04555601,2.728840E+00,1.778863E+00,1.392370E+00,1.392502E+00,1.394075E+00,1.410249E+00,1.392400E+00,1.999946E+00,2.000000E+00,2.000000E+01,1.000002E+06,1.899929E+05,1.04,2.000000E-03,2.000000E-02,2.000000E-01,2.000000E+00,4.429999E+01,2.000146E+00,2.000582E+00,1.275000E+02,4.01,1.999023E+00,1.265000E+02,1.330000E+02,1.498427E+00,1.498970E+00,2.000375E+00,9.600000E+01,1.180000E+02,4.807142E-03,5.568997E-01,1.392203E-01,-1.392560E08,-3.870162E-07,-5.319650E-07,-1.252369E-06,-5.541996E-07,5.769346E-06,-5.353001E-07,7.577637E-05,-7.792204E-06,9.502151E-04,-7.178444E-06,7.300313E-03,1.9

Reference

F5700 post-cal FEB25 test

DUT Condition

Front terminals used 4W, post-adj DMM

Test procedure : \$Id: k2002.py | Rev 569 | 2018/02/26 05:40:31 MM \$

Source procedure : \$Id: f5700a.py | Rev 570 | 2018/02/26 11:23:48 MM \$

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	0.0000000E+00	0.0000006	0.5 ppm	-0.000000	0.000001	VDC	N/A	1.20 µV	PASS
Short 0.0 VDC	0.0000000E+00	0.0000005	0.5 ppm	-0.000000	0.000001	VDC	N/A	4.00 µV	PASS
Short 00.0 VDC	0.0000000E+00	0.0000010	0.5 ppm	-0.000001	0.000003	VDC	N/A	80.00 µV	PASS
Short 000.0 VDC	0.0000000E+00	-0.0000000	0.5 ppm	-0.000080	0.000080	VDC	N/A	0.60 mV	PASS
Short 0000.0 VDC	0.0000000E+00	0.0000000	0.5 ppm	-0.000080	0.000080	VDC	N/A	6.00 mV	PASS
DCV Test	0.1V-1000V	DUT	Source unc.	Low Limit	Hi limit	Units	Measured	24h spec	Result
0.2 VDC (0.20 Range)	0.200000	0.20000103	7.27 ppm	0.199997246	0.200002754	VDC	5.150 ppm	6.50 ppm	PASS 37.40 %
-0.2 VDC (0.20 Range)	-0.200000	-0.19999898	7.27 ppm	-0.200002754	-0.199997246	VDC	-5.100 ppm	6.50 ppm	PASS 37.04 %
0.2 VDC (2.00 Range)	0.200000	0.2000016	12.00 ppm	0.1999973	0.2000027	VDC	8.000 ppm	1.50 ppm	PASS 59.26 %
1.0 VDC (2.00 Range)	1.000000	1.0000015	3.86 ppm	0.99999464	1.00000536	VDC	1.500 ppm	1.50 ppm	PASS 27.99 %
2.0 VDC (2.00 Range)	2.000000	2.0000002	3.86 ppm	1.99998928	2.00001072	VDC	0.100 ppm	1.50 ppm	PASS 1.87 %
-0.2 VDC (2.00 Range)	-0.200000	-0.1999992	12.00 ppm	-0.2000027	-0.1999973	VDC	-4.000 ppm	1.50 ppm	PASS 29.63 %
-1.0 VDC (2.00 Range)	-1.000000	-1.0000009	3.86 ppm	-1.00000536	-0.99999464	VDC	0.900 ppm	1.50 ppm	PASS 16.79 %
-2.0 VDC (2.00 Range)	-2.000000	-2.0000023	3.86 ppm	-2.00001072	-1.99998928	VDC	1.150 ppm	1.50 ppm	PASS 21.46 %
1.0 VDC (20.00 Range)	1.000000	1.0000006	3.86 ppm	0.99999484	1.00000516	VDC	6.000 ppm	1.30 ppm	FAIL 116.28 %
10.0 VDC (20.00 Range)	10.000000	10.000004	2.77 ppm	9.9999593	10.0000407	VDC	0.400 ppm	1.30 ppm	PASS 9.83 %
20.0 VDC (20.00 Range)	20.000000	20.000002	2.73 ppm	19.9999194	20.0000806	VDC	0.100 ppm	1.30 ppm	PASS 2.48 %
-1.0 VDC (20.00 Range)	-1.000000	-1.0000003	3.86 ppm	-1.00000516	-0.99999484	VDC	3.000 ppm	1.30 ppm	PASS 58.14 %
-10.0 VDC (20.00 Range)	-10.000000	-10.000009	2.77 ppm	-10.0000407	-9.9999593	VDC	0.900 ppm	1.30 ppm	PASS 22.11 %
-20.0 VDC (20.00 Range)	-20.000000	-20.000012	2.73 ppm	-20.0000806	-19.9999194	VDC	0.600 ppm	1.30 ppm	PASS 14.89 %
10 VDC (200.00 Range)	10.000000	10.000001	2.77 ppm	9.9999183	10.0000817	VDC	1.000 ppm	5.40 ppm	PASS 12.24 %
100 VDC (200.00 Range)	100.000000	99.99968	3.73 ppm	99.999087	100.000913	VDC	-3.200 ppm	5.40 ppm	PASS 35.05 %
200 VDC (200.00 Range)	200.000000	199.99915	3.73 ppm	199.998174	200.001826	VDC	-4.250 ppm	5.40 ppm	PASS 46.55 %
-10 VDC (200.00 Range)	-10.000000	-9.99996	2.77 ppm	-10.0000817	-9.9999183	VDC	-4.000 ppm	5.40 ppm	PASS 48.96 %
-100 VDC (200.00 Range)	-100.000000	-99.99986	3.73 ppm	-100.000913	-99.999087	VDC	-1.400 ppm	5.40 ppm	PASS 15.33 %
-200 VDC (200.00 Range)	-200.000000	-199.99958	3.73 ppm	-200.001826	-199.998174	VDC	-2.100 ppm	5.40 ppm	PASS 23.00 %
100 VDC (1000.00 Range)	100.000000	99.9998	3.73 ppm	99.999119	100.000881	VDC	-2.000 ppm	5.08 ppm	PASS 22.70 %
200 VDC (1000.00 Range)	200.000000	199.9993	3.73 ppm	199.998238	200.001762	VDC	-3.500 ppm	5.08 ppm	PASS 39.73 %
1000 VDC (1000.00 Range)	1000.000000	999.9947	5.45 ppm	999.98697	1000.01303	VDC	-5.300 ppm	5.08 ppm	PASS 40.68 %
-100 VDC (1000.00 Range)	-100.000000	-99.9994	3.73 ppm	-100.000881	-99.999119	VDC	-6.000 ppm	5.08 ppm	PASS 68.10 %
-200 VDC (1000.00 Range)	-200.000000	-199.999	3.73 ppm	-200.001762	-199.998238	VDC	-5.000 ppm	5.08 ppm	PASS 56.75 %
-1000 VDC (1000.00 Range)	-1000.000000	-999.9955	5.45 ppm	-1000.00803	-999.99197	VDC	-4.500 ppm	5.08 ppm	PASS 56.04 %

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	Units	Measured	24h spec	Result
20.99	20.99000000	20.99000067	2.73 ppm	20.989915410	20.990084590	VDC	0.032 ppm	1.30 ppm	PASS 0.79 %
19.999999	19.99999900	20.00000467	2.73 ppm	19.999918400	20.000079600	VDC	0.283 ppm	1.30 ppm	PASS 7.03 %
18.888888	18.88888800	18.88889200	2.73 ppm	18.888811878	18.888964122	VDC	0.212 ppm	1.30 ppm	PASS 5.25 %
17.777777	17.77777700	17.77778200	2.73 ppm	17.777705356	17.777848644	VDC	0.281 ppm	1.30 ppm	PASS 6.98 %
16.666666	16.66666600	16.66667233	2.73 ppm	16.666598833	16.666733167	VDC	0.380 ppm	1.30 ppm	PASS 9.43 %
15.555555	15.55555500	15.55556267	2.73 ppm	15.555492311	15.555617689	VDC	0.493 ppm	1.30 ppm	PASS 12.23 %
14.444444	14.44444400	14.44445100	2.73 ppm	14.444385789	14.444502211	VDC	0.485 ppm	1.30 ppm	PASS 12.03 %
13.333333	13.33333300	13.33333967	2.73 ppm	13.333279267	13.333386733	VDC	0.500 ppm	1.30 ppm	PASS 12.41 %
12.222222	12.22222200	12.22222867	2.73 ppm	12.222172744	12.222271256	VDC	0.545 ppm	1.30 ppm	PASS 13.53 %
11.111111	11.11111100	11.11111700	2.73 ppm	11.111066222	11.111155778	VDC	0.540 ppm	1.30 ppm	PASS 13.40 %
10.999999	10.99999900	11.00000300	2.73 ppm	10.999954670	11.000043330	VDC	0.364 ppm	1.30 ppm	PASS 9.02 %
9.999999	9.99999900	10.00000400	2.73 ppm	9.999958700	10.000039300	VDC	0.500 ppm	1.30 ppm	PASS 12.41 %
8.888888	8.88888800	8.88889300	2.73 ppm	8.888852178	8.888923822	VDC	0.563 ppm	1.30 ppm	PASS 13.96 %
7.777777	7.77777700	7.77778100	2.73 ppm	7.777745656	7.777808344	VDC	0.514 ppm	1.30 ppm	PASS 12.76 %
6.666666	6.66666600	6.66667000	2.73 ppm	6.666639133	6.666692867	VDC	0.600 ppm	1.30 ppm	PASS 14.89 %
5.555555	5.55555500	5.55555900	2.73 ppm	5.555532611	5.555577389	VDC	0.720 ppm	1.30 ppm	PASS 17.87 %
4.444444	4.44444400	4.44444800	2.73 ppm	4.444426089	4.444461911	VDC	0.900 ppm	1.30 ppm	PASS 22.33 %
3.333333	3.33333300	3.33333700	2.73 ppm	3.333319567	3.333346433	VDC	1.200 ppm	1.30 ppm	PASS 29.78 %
2.222222	2.22222200	2.22222600	2.73 ppm	2.222213044	2.222230956	VDC	1.800 ppm	1.30 ppm	PASS 44.67 %
1.111111	1.11111100	1.11111500	3.86 ppm	1.111105267	1.111116733	VDC	3.600 ppm	1.30 ppm	PASS 69.77 %
0.1234567	0.12345670	0.12346067	7.27 ppm	0.123455642	0.123457758	VDC	32,130 ppm	1.30 ppm	FAIL 374.91 %
-0.1234567	-0.12345670	-0.12345200	7.27 ppm	-0.123457758	-0.123455642	VDC	-38,070 ppm	1.30 ppm	FAIL 444.22 %
-1.111111	-1.11111100	-1.11110733	3.86 ppm	-1.111116733	-1.111105267	VDC	-3.300 ppm	1.30 ppm	PASS 63.95 %
-2.222222	-2.22222200	-2.22222000	2.73 ppm	-2.222230956	-2.222213044	VDC	-0.900 ppm	1.30 ppm	PASS 22.33 %
-3.333333	-3.33333300	-3.33333000	2.73 ppm	-3.333346433	-3.333319567	VDC	-0.900 ppm	1.30 ppm	PASS 22.33 %
-4.444444	-4.44444400	-4.44444200	2.73 ppm	-4.444461911	-4.444426089	VDC	-0.450 ppm	1.30 ppm	PASS 11.17 %
-5.555555	-5.55555500	-5.55555300	2.73 ppm	-5.555577389	-5.555532611	VDC	-0.360 ppm	1.30 ppm	PASS 8.93 %
-6.666666	-6.66666600	-6.66666500	2.73 ppm	-6.666692867	-6.666639133	VDC	-0.150 ppm	1.30 ppm	PASS 3.72 %
-7.777777	-7.77777700	-7.77777567	2.73 ppm	-7.777808344	-7.777745656	VDC	-0.171 ppm	1.30 ppm	PASS 4.25 %
-8.888888	-8.88888800	-8.88888700	2.73 ppm	-8.888923822	-8.888852178	VDC	-0.113 ppm	1.30 ppm	PASS 2.79 %
-9.999999	-9.99999900	-9.99999800	2.73 ppm	-10.000039300	-9.999958700	VDC	-0.100 ppm	1.30 ppm	PASS 2.48 %
-10.999999	-10.99999900	-10.99999967	2.73 ppm	-11.000043330	-10.999954670	VDC	0.061 ppm	1.30 ppm	PASS 1.50 %
-11.111111	-11.11111100	-11.11111500	2.73 ppm	-11.111155778	-11.111066222	VDC	0.360 ppm	1.30 ppm	PASS 8.93 %
-12.222222	-12.22222200	-12.22222600	2.73 ppm	-12.222271256	-12.222172744	VDC	0.327 ppm	1.30 ppm	PASS 8.12 %
-13.333333	-13.33333300	-13.33333600	2.73 ppm	-13.333386733	-13.333279267	VDC	0.225 ppm	1.30 ppm	PASS 5.58 %
-14.444444	-14.44444400	-14.44444700	2.73 ppm	-14.444502211	-14.444385789	VDC	0.208 ppm	1.30 ppm	PASS 5.15 %
-15.555555	-15.55555500	-15.55555767	2.73 ppm	-15.555617689	-15.555492311	VDC	0.171 ppm	1.30 ppm	PASS 4.25 %
-16.666666	-16.66666600	-16.66667000	2.73 ppm	-16.666733167	-16.666598833	VDC	0.240 ppm	1.30 ppm	PASS 5.96 %
-17.777777	-17.77777700	-17.77778100	2.73 ppm	-17.777848644	-17.777705356	VDC	0.225 ppm	1.30 ppm	PASS 5.58 %
-18.888888	-18.88888800	-18.88889300	2.73 ppm	-18.888964122	-18.888811878	VDC	0.265 ppm	1.30 ppm	PASS 6.57 %
-19.999999	-19.99999900	-20.00000467	2.73 ppm	-20.000079600	-19.999918400	VDC	0.283 ppm	1.30 ppm	PASS 7.03 %
-20.99	-20.99000000	-20.99000400	2.73 ppm	-20.990084590	-20.989915410	VDC	0.191 ppm	1.30 ppm	PASS 4.73 %

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	9.99797400E-01	9.99806000E-01	85.00 ppm	9.9970292E-01	9.9989188E-01	8.602 ppm	9.50 ppm	PASS 9.10 %
1.9 Ω	1.89952320E+00	1.89949700E+00	85.00 ppm	1.8993437E+00	1.8997027E+00	-13.793 ppm	9.50 ppm	PASS 14.60 %
10 Ω	9.99990900E+00	9.99992500E+00	23.00 ppm	9.9995840E+00	1.0000234E+01	1.600 ppm	9.50 ppm	PASS 4.92 %
19 Ω	1.89990640E+01	1.89990480E+01	23.00 ppm	1.8998447E+01	1.8999681E+01	-0.842 ppm	9.50 ppm	PASS 2.59 %
100 Ω	1.00001650E+02	1.00001890E+02	10.00 ppm	9.9999850E+01	1.0000345E+02	2.400 ppm	8.00 ppm	PASS 13.33 %
190 Ω	1.89994770E+02	1.89994670E+02	10.00 ppm	1.8999135E+02	1.8999819E+02	-0.526 ppm	8.00 ppm	PASS 2.92 %
1.0 kΩ	9.99990500E+02	9.99989400E+02	8.00 ppm	9.9997970E+02	1.0000013E+03	-1.100 ppm	2.80 ppm	PASS 10.19 %
1.9 kΩ	1.89999470E+03	1.89999230E+03	8.00 ppm	1.8999742E+03	1.9000152E+03	-1.263 ppm	2.80 ppm	PASS 11.70 %
10 kΩ	1.00000740E+04	1.00000820E+04	8.00 ppm	9.9999660E+03	1.0000182E+04	0.800 ppm	2.80 ppm	PASS 7.41 %
19 kΩ	1.89996820E+04	1.89996910E+04	9.00 ppm	1.8999458E+04	1.8999906E+04	0.474 ppm	2.80 ppm	PASS 4.01 %
100 kΩ	1.00001310E+05	1.00000700E+05	9.00 ppm	9.9999810E+04	1.0000281E+05	-6.100 ppm	6.00 ppm	PASS 40.67 %
190 kΩ	1.89992770E+05	1.89991400E+05	9.00 ppm	1.8998992E+05	1.8999562E+05	-7.211 ppm	6.00 ppm	PASS 48.07 %
1.0 MΩ	1.00000250E+06	1.00000420E+06	16.00 ppm	9.9997420E+05	1.0000308E+06	1.700 ppm	12.30 ppm	PASS 6.01 %
1.9 MΩ	1.89995760E+06	1.89996060E+06	17.00 ppm	1.8999019E+06	1.9000133E+06	1.579 ppm	12.30 ppm	PASS 5.39 %
10 MΩ	9.99940800E+06	9.99934800E+06	33.00 ppm	9.9985760E+06	1.0000240E+07	-6.000 ppm	50.20 ppm	PASS 7.21 %
19 MΩ	1.89990880E+07	1.89989960E+07	43.00 ppm	1.8997317E+07	1.9000859E+07	-4.842 ppm	50.20 ppm	PASS 5.20 %
100 MΩ	1.00009250E+08	1.00007550E+08	100.00 ppm	9.9984148E+07	1.0003435E+08	-16.998 ppm	151.00 ppm	PASS 6.77 %
1 GΩ STD	9.97091100E+08	1E+09	30000.0 ppm	966425563.219	1027756636.78	2917.386 ppm	755.00 ppm	PASS 9.49 %
OHM Test	10 Ω, 10 KΩ ZERO	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
10R REAR Ω	1.00000000E-06	22.0000 μΩ	50.000 μΩ	-4.0000005e-05	0.000140000005	N/A	9.50 ppm	PASS 0.00 %
10K REAR Ω	1.00000000E-06	0.0000 μΩ	550.000 μΩ	0.000459999995	0.000640000005	N/A	2.80 ppm	PASS 0.00 %

Procedure for all test points in the AC performance verification for ANAlog mode. AC-measurements does not suffer from TEMF offsets, test connection can be made using shielded leads terminated with dual banana plugs. MFC main AC output is used as reference source

ACV ANA Test	1V-10V	DUT	w/Guardband	Low Limit	Hi limit	Units	Measured	24h spec	Result
1.0 VAC @ 50.0 kHz	1.0	0.9993501	129.09	0.99922091	1.00077909	VAC	-649.900 ppm	650.0 ppm	PASS 83.42 %
1.0 VAC @ 1.0 MHz	1.0	0.9980442	0.2500 %	0.9765	1.0235	VAC	-0.1956 %	2.1000 %	PASS 8.32 %
10.0 VAC @ 50 Hz	10.0	9.990033	73.18	9.9947682	10.0052318	VAC	-996.700 ppm	450.0 ppm	FAIL 190.51 %
10.0 VAC @ 200 Hz	10.0	9.998004	73.18	9.9947682	10.0052318	VAC	-199.600 ppm	450.0 ppm	PASS 38.15 %
10.0 VAC @ 1.0 kHz	10.0	9.998535	73.18	9.9947682	10.0052318	VAC	-146.500 ppm	450.0 ppm	PASS 28.00 %
10.0 VAC @ 50.0 kHz	10.0	9.998679	129.09	9.9922091	10.0077909	VAC	-132.100 ppm	650.0 ppm	PASS 16.96 %
10.0 VAC @ 1.0 MHz	10.0	10.208153	0.3000 %	9.76	10.24	VAC	2.0815 %	2.1000 %	PASS 86.73 %

Procedure for all test points in the AC performance verification for SYNCronous mode. This is highest AC accuracy test. AC-measurements does not suffer from TEMF offsets, test connection can be made using shielded leads terminated with dual banana plugs. MFC main AC output is used as reference source

ACV SYNC Test	DUT	w/Guardband	Low Limit	Hi limit	Measured	24h spec	Result, % spec
0.02 VAC @ 10 Hz	0.02004649	0.0312 %	0.019907	0.020093	0.2325 %	0.4325 %	PASS 50.13 %
0.02 VAC @ 20 Hz	0.02004067	0.0312 %	0.019907	0.020093	0.2034 %	0.4325 %	PASS 43.85 %
0.02 VAC @ 50 Hz	0.02004352	0.0312 %	0.019907	0.020093	0.2176 %	0.4325 %	PASS 46.92 %
0.02 VAC @ 60 Hz	0.02002403	0.0312 %	0.019907	0.020093	0.1202 %	0.4325 %	PASS 25.91 %
0.02 V AC+DC @ 100 Hz	0.02004155	0.0312 %	0.019907	0.020093	0.2077 %	0.4325 %	PASS 44.80 %
0.02 V AC+DC @ 1.0 kHz	0.02004387	0.0312 %	0.019907	0.020093	0.2193 %	0.4325 %	PASS 47.30 %
0.02 V AC+DC @ 6.25 kHz	0.02004471	0.0312 %	0.019907	0.020093	0.2236 %	0.4325 %	PASS 48.21 %
0.02 V AC+DC @ 10.0 kHz	0.02004622	0.0312 %	0.019907	0.020093	0.2311 %	0.4325 %	PASS 49.84 %
0.02 V AC+DC @ 20.0 kHz	0.02004451	0.0312 %	0.019907	0.020093	0.2225 %	0.4325 %	PASS 47.99 %
0.02 V AC+DC @ 50.0 kHz	0.02003797	0.0447 %	0.019905	0.020095	0.1898 %	0.4325 %	PASS 39.78 %
0.02 V AC+DC @ 100.0 kHz	0.02000167	0.0773 %	0.019918	0.020082	0.0083 %	0.3325 %	PASS 2.04 %
0.02 V AC+DC @ 200.0 kHz	0.01993557	0.1500 %	0.019814	0.020186	-0.3215 %	0.7825 %	PASS 34.48 %
0.02 V AC+DC @ 300.0 kHz	0.01990989	0.1500 %	0.019814	0.020186	-0.4506 %	0.7825 %	PASS 48.32 %
0.02 V AC+DC @ 500.0 kHz	0.01990086	0.2500 %	0.019530	0.020470	-0.4957 %	2.1000 %	PASS 21.09 %
0.02 V AC+DC @ 1.0 MHz	0.0201557	0.4000 %	0.019500	0.020500	0.7785 %	2.1000 %	PASS 31.14 %
0.2 VAC @ 10 Hz	0.20000813	0.0121 %	0.199626	0.200374	0.0041 %	0.1750 %	PASS 2.17 %
0.2 VAC @ 20 Hz	0.19996254	0.0121 %	0.199626	0.200374	-0.0187 %	0.1750 %	PASS 10.01 %
0.2 VAC @ 50 Hz	0.19996428	121.36	0.199886	0.200114	-178.600 ppm	450.0 ppm	PASS 31.26 %
0.2 VAC @ 60 Hz	0.19997966	121.36	0.199886	0.200114	-101.700 ppm	450.0 ppm	PASS 17.80 %
0.2 V AC+DC @ 100 Hz	0.1999874	121.36	0.199886	0.200114	-63.000 ppm	450.0 ppm	PASS 11.03 %
0.2 V AC+DC @ 1.0 kHz	0.20001065	121.36	0.199886	0.200114	53.250 ppm	450.0 ppm	PASS 9.32 %
0.2 V AC+DC @ 6.25 kHz	0.20001302	121.36	0.199876	0.200124	65.100 ppm	500.0 ppm	PASS 10.48 %
0.2 V AC+DC @ 10.0 kHz	0.20001231	121.36	0.199876	0.200124	61.550 ppm	500.0 ppm	PASS 9.91 %
0.2 V AC+DC @ 20.0 kHz	0.2000057	121.36	0.199876	0.200124	28.500 ppm	500.0 ppm	PASS 4.59 %
0.2 V AC+DC @ 50.0 kHz	0.19993133	256.36	0.199819	0.200181	-343.350 ppm	650.0 ppm	PASS 37.88 %
0.2 V AC+DC @ 100.0 kHz	0.19963114	0.0591 %	0.199252	0.200748	-0.1844 %	0.3150 %	PASS 49.30 %
0.2 V AC+DC @ 200.0 kHz	0.19901235	0.0964 %	0.198257	0.201743	-0.4938 %	0.7750 %	PASS 56.67 %
0.2 V AC+DC @ 300.0 kHz	0.19870502	0.0964 %	0.198257	0.201743	-0.6475 %	0.7750 %	PASS 74.31 %
0.2 V AC+DC @ 500.0 kHz	0.19861844	0.1500 %	0.195500	0.204500	-0.6908 %	2.1000 %	PASS 30.70 %
0.2 V AC+DC @ 1.0 MHz	0.1997478	0.3000 %	0.195200	0.204800	-0.1261 %	2.1000 %	PASS 5.25 %
2.0 VAC @ 10 Hz	2.0007026	0.0050 %	1.996401	2.003599	0.0351 %	0.1750 %	PASS 19.52 %
2.0 VAC @ 20 Hz	2.0003784	0.0050 %	1.996401	2.003599	0.0189 %	0.1750 %	PASS 10.51 %
2.0 VAC @ 50 Hz	2.0002716	49.55	1.999001	2.000999	135.800 ppm	450.0 ppm	PASS 27.18 %
2.0 VAC @ 60 Hz	2.0002992	49.55	1.999001	2.000999	149.600 ppm	450.0 ppm	PASS 29.95 %
2.0 V AC+DC @ 100 Hz	2.0002904	49.55	1.999001	2.000999	145.200 ppm	450.0 ppm	PASS 29.07 %
2.0 V AC+DC @ 1.0 kHz	2.0003015	49.55	1.999001	2.000999	150.750 ppm	450.0 ppm	PASS 30.18 %
2.0 V AC+DC @ 6.25 kHz	2.000319	49.55	1.998901	2.001099	159.500 ppm	500.0 ppm	PASS 29.02 %
2.0 V AC+DC @ 10.0 kHz	2.0003198	49.55	1.998901	2.001099	159.900 ppm	500.0 ppm	PASS 29.10 %
2.0 V AC+DC @ 20.0 kHz	2.0002413	49.55	1.998901	2.001099	120.650 ppm	500.0 ppm	PASS 21.95 %
2.0 V AC+DC @ 50.0 kHz	1.9993385	85.45	1.998529	2.001471	-330.750 ppm	650.0 ppm	PASS 44.97 %
2.0 V AC+DC @ 100.0 kHz	1.9963333	0.0138 %	1.993424	2.006576	-0.1833 %	0.3150 %	PASS 55.76 %
2.0 V AC+DC @ 200.0 kHz	1.9906055	0.0425 %	1.983649	2.016351	-0.4697 %	0.7750 %	PASS 57.46 %
2.0 V AC+DC @ 300.0 kHz	1.9878662	0.0425 %	1.983649	2.016351	-0.6067 %	0.7750 %	PASS 74.21 %
2.0 V AC+DC @ 500.0 kHz	1.9871933	0.1100 %	1.955800	2.044200	-0.6403 %	2.1000 %	PASS 28.97 %
2.0 V AC+DC @ 1.0 MHz	1.9935965	0.1800 %	1.954400	2.045600	-0.3202 %	2.1000 %	PASS 14.04 %
20 VAC @ 10 Hz	20.002449	0.0048 %	19.964036	20.035964	0.0122 %	0.1750 %	PASS 6.81 %
20 VAC @ 20 Hz	19.997753	0.0048 %	19.964036	20.035964	-0.0112 %	0.1750 %	PASS 6.25 %
20 VAC @ 50 Hz	19.998424	48.18	19.988036	20.011964	-78.800 ppm	550.0 ppm	PASS 13.17 %
20 VAC @ 60 Hz	19.999366	48.18	19.988036	20.011964	-31.700 ppm	550.0 ppm	PASS 5.30 %
20 V AC+DC @ 100 Hz	20.000396	48.18	19.988036	20.011964	19.800 ppm	550.0 ppm	PASS 3.31 %
20 V AC+DC @ 1.0 kHz	20.001402	48.18	19.988036	20.011964	70.100 ppm	550.0 ppm	PASS 11.72 %
20 V AC+DC @ 6.25 kHz	19.998327	48.18	19.980036	20.019964	-83.650 ppm	950.0 ppm	PASS 8.38 %
20 V AC+DC @ 10.0 kHz	19.998871	48.18	19.980036	20.019964	-56.450 ppm	950.0 ppm	PASS 5.66 %
20 V AC+DC @ 20.0 kHz	20.00145	48.18	19.980036	20.019964	72.500 ppm	950.0 ppm	PASS 7.26 %
20 V AC+DC @ 50.0 kHz	20.001376	0.0085 %	19.975291	20.024709	0.0069 %	0.1150 %	PASS 5.57 %
20 V AC+DC @ 100.0 kHz	19.986672	0.0121 %	19.934573	20.065427	-0.0666 %	0.3150 %	PASS 20.37 %
20 V AC+DC @ 200.0 kHz	19.965846	0.0336 %	19.838273	20.161727	-0.1708 %	0.7750 %	PASS 21.12 %
20 V AC+DC @ 300.0 kHz	19.978568	0.0336 %	19.838273	20.161727	-0.1072 %	0.7750 %	PASS 13.25 %
20 V AC+DC @ 500.0 kHz	20.048179	0.1100 %	19.138000	20.862000	0.2409 %	4.2000 %	PASS 5.59 %
20 V AC+DC @ 1.0 MHz	20.367687	0.1700 %	19.126000	20.874000	1.8384 %	4.2000 %	PASS 42.07 %
200.0 V AC+DC @ 100 Hz	200.04611	60.18	199.877964	200.122036	230.550 ppm	550.0 ppm	PASS 37.75 %
200.0 V AC+DC @ 1.0 kHz	200.03518	60.18	199.877964	200.122036	175.900 ppm	550.0 ppm	PASS 28.80 %
200.0 V AC+DC @ 6.25 kHz	200.00546	60.18	199.797964	200.202036	27.300 ppm	950.0 ppm	PASS 2.70 %
200.0 V AC+DC @ 10.0 kHz	200.01078	60.18	199.797964	200.202036	53.900 ppm	950.0 ppm	PASS 5.33 %
200.0 V AC+DC @ 20.0 kHz	200.03257	60.18	199.797964	200.202036	162.850 ppm	950.0 ppm	PASS 16.11 %
700.0 V AC+DC @ 100 Hz	700.3165	73.64	699.563452	700.436548	452.143 ppm	550.0 ppm	PASS 72.30 %
700.0 V AC+DC @ 1.0 kHz	700.3415	73.64	699.563452	700.436548	487.857 ppm	550.0 ppm	PASS 78.01 %

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 μ ADC	0	6.3E-09	71.82 ppm	0	0	Z-check	56.0 ppm	INFO
1 μ ADC	1E-06	1.00625E-06	71.82 ppm	9.998722E-07	1.000128E-06	6250.000 ppm	56.0 ppm	INFO
2 μ ADC	2E-06	2.00625E-06	71.82 ppm	1.999744E-06	2.000256E-06	3125.000 ppm	56.0 ppm	INFO
-1 μ ADC	-1E-06	-9.937E-07	71.82 ppm	-1.000128E-06	-9.998722E-07	Z-check	56.0 ppm	INFO
-2 μ ADC	-2E-06	-1.99359E-06	71.82 ppm	-2.000256E-06	-1.999744E-06	Z-check	56.0 ppm	INFO
Zero 00 μ ADC	0	6.26E-09	71.82 ppm	0	0	Z-check	56.0 ppm	INFO
10 μ ADC	1E-05	1.000594E-05	71.82 ppm	9.998722E-06	1.000128E-05	594.000 ppm	56.0 ppm	FAIL 464.72 %
20 μ ADC	2E-05	2.000559E-05	71.82 ppm	1.999744E-05	2.000256E-05	279.500 ppm	56.0 ppm	FAIL 218.67 %
-10 μ ADC	-1E-05	-9.99342E-06	71.82 ppm	-1.000128E-05	-9.998722E-06	Z-check	56.0 ppm	FAIL 514.79 %
20 μ ADC	-2E-05	-1.999321E-05	71.82 ppm	-2.000256E-05	-1.999744E-05	Z-check	56.0 ppm	FAIL 265.61 %
Zero 000 μ ADC	0	6.08E-09	71.82 ppm	0	0	Z-check	56.0 ppm	INFO
100 μ ADC	0.0001	0.00010000221	71.82 ppm	9.998722E-05	0.0001000128	22.100 ppm	56.0 ppm	PASS 17.29 %
200 μ ADC	0.0002	0.00019999776	71.82 ppm	0.0001999744	0.0002000256	-11.200 ppm	56.0 ppm	PASS 8.76 %
-100 μ ADC	-0.0001	-9.999095E-05	71.82 ppm	-0.0001000128	-9.998722E-05	Z-check	56.0 ppm	PASS 70.80 %
-200 μ ADC	-0.0002	-0.00019998823	71.82 ppm	-0.0002000256	-0.0001999744	Z-check	56.0 ppm	PASS 46.04 %
Zero mADC	0	8.5E-09	33.64 ppm	0	0	Z-check	56.0 ppm	INFO
-1.0 mADC	0.001	0.0010000061	33.64 ppm	0.0009999114	0.0010000089	6.100 ppm	55.0 ppm	PASS 6.88 %
2.0 mADC	0.002	0.0019999756	33.64 ppm	0.001999823	0.002000177	-12.200 ppm	55.0 ppm	PASS 13.76 %
-1.0 mADC	-0.001	-0.0009999559	33.64 ppm	-0.001000089	-0.0009999114	Z-check	55.0 ppm	PASS 49.75 %
-2.0 mADC	-0.002	-0.0019999441	33.64 ppm	-0.002000177	-0.001999823	Z-check	55.0 ppm	PASS 31.53 %
Zero 00 mADC	0	5.6E-08	32.27 ppm	0	0	Z-check	56.0 ppm	INFO
10 mADC	0.01	0.010000008	32.27 ppm	0.009999127	0.010000087	0.800 ppm	55.0 ppm	PASS 0.92 %
20 mADC	0.02	0.019999896	32.27 ppm	0.01999825	0.02000175	-5.200 ppm	55.0 ppm	PASS 5.96 %
-10 mADC	-0.01	-0.009999989	32.27 ppm	-0.010000087	-0.009999127	Z-check	55.0 ppm	PASS 1.26 %
-20 mADC	-0.02	-0.020000037	32.27 ppm	-0.02000175	-0.01999825	Z-check	55.0 ppm	PASS 2.12 %
Zero 000 mADC	0	5.3E-07	53.32 ppm	0	0	Z-check	56.0 ppm	INFO
100 mADC	0.1	0.1000013	53.32 ppm	0.09998667	0.1000133	13.000 ppm	80.0 ppm	PASS 9.75 %
200 mADC	0.2	0.20000337	53.32 ppm	0.1999733	0.2000267	16.850 ppm	80.0 ppm	PASS 12.64 %
-100 mADC	-0.1	-0.10000195	53.32 ppm	-0.1000133	-0.09998667	Z-check	80.0 ppm	PASS 14.63 %
-200 mADC	-0.2	-0.2000061	53.32 ppm	-0.2000267	-0.1999733	Z-check	80.0 ppm	PASS 22.88 %
Zero ADC	0	7.3E-06	115.22 ppm	0	0	Z-check	56.0 ppm	INFO
1.0 ADC	1	1.0000233	115.22 ppm	0.9995298	1.00047	23.300 ppm	355.0 ppm	PASS 4.96 %
2.0 ADC	2	1.9998673	115.22 ppm	1.99906	2.00094	-66.350 ppm	355.0 ppm	PASS 14.11 %
-1.0 ADC	-1	-1.000091	115.22 ppm	-1.00047	-0.9995298	Z-check	355.0 ppm	PASS 19.35 %
-2.0 ADC	-2	-2.0000464	115.22 ppm	-2.00094	-1.99906	Z-check	355.0 ppm	PASS 4.93 %

Procedure for all test points that verify Gain of the AC Current ACI function. Three frequency band points are tested, 50 Hz, 60 Hz and 1 kHz. 2-wire connection at LO and DCI is used between DMM and MFC.

ACI Test	200µA-2A	DUT	Source unc.	Low Limit	Hi limit	Units	Measured	24h spec	Result, % spec
10 µA AC @ 0.05 kHz	1e-05	1.03639E-05	0.0165 %	9.9893455e-06	1.00106545e-05	AAC	36390.000 ppm	0.0900 %	INFO
20 µA AC @ 0.05 kHz	5e-05	5.01625E-05	0.0165 %	4.99467275e-05	5.00532725e-05	AAC	3250.000 ppm	0.0900 %	FAIL 305.04 %
100 µA AC @ 0.05 kHz	0.0001	0.000100093	165.45	9.9893455e-05	0.000100106545	AAC	930.000 ppm	900.0 ppm	PASS 87.29 %
200 µA AC @ 0.05 kHz	0.0002	0.0001999759	0.0165 %	0.00019978691	0.00020021309	AAC	-120.500 ppm	0.0900 %	PASS 11.31 %
1.0 mA AC @ 0.05 kHz	0.001	0.0009994598	0.0138 %	0.00099906182	0.00100093818	AAC	-540.200 ppm	0.0800 %	PASS 57.58 %
2.0 mA AC @ 0.05 kHz	0.002	0.0019994229	0.0138 %	0.00199812364	0.00200187636	AAC	-288.550 ppm	0.0800 %	PASS 30.76 %
10 mA AC @ 0.05 kHz	0.01	0.009995551	0.0138 %	0.0099906182	0.0100093818	AAC	-444.900 ppm	0.0800 %	PASS 47.42 %
20 mA AC @ 0.05 kHz	0.02	0.019996252	0.0138 %	0.0199812364	0.0200187636	AAC	-187.400 ppm	0.0800 %	PASS 19.97 %
100 mA AC @ 0.05 kHz	0.1	0.10000221	0.0134 %	0.099906636	0.100093364	AAC	22.100 ppm	0.0800 %	PASS 2.37 %
200 mA AC @ 0.05 kHz	0.2	0.20005488	0.0134 %	0.199813272	0.200186728	AAC	274.400 ppm	0.0800 %	PASS 29.39 %
1.0 A AC @ 0.05 kHz	1.0	0.9956123	0.0308 %	0.99869182	1.00130818	AAC	-0.4388 %	0.1000 %	FAIL 335.40 %
2.0 A AC @ 0.05 kHz	2.0	1.9989319	0.0308 %	1.99738364	2.00261636	AAC	-0.0534 %	0.1000 %	PASS 40.82 %
200 µA AC @ 0.06 kHz	0.0002	0.0002193014	0.0165 %	0.00019980691	0.00020019309	AAC	96507.000 ppm	0.0800 %	FAIL 9996.06 %
20 µA AC @ 0.06 kHz	5e-05	5.01661E-05	0.0165 %	4.99467275e-05	5.00532725e-05	AAC	3322.000 ppm	0.0900 %	FAIL 311.79 %
100 µA AC @ 0.06 kHz	0.0001	0.0001000725	0.0165 %	9.9893455e-05	0.000100106545	AAC	725.000 ppm	0.0900 %	PASS 68.05 %
200 µA AC @ 0.06 kHz	0.0002	0.0001999935	0.0165 %	0.00019978691	0.00020021309	AAC	-32.500 ppm	0.0900 %	PASS 3.05 %
1.0 mA AC @ 0.06 kHz	0.001	0.0009995701	0.0138 %	0.00099906182	0.00100093818	AAC	-429.900 ppm	0.0800 %	PASS 45.82 %
2.0 mA AC @ 0.06 kHz	0.002	0.0019995969	0.0138 %	0.00199812364	0.00200187636	AAC	-201.550 ppm	0.0800 %	PASS 21.48 %
10 mA AC @ 0.06 kHz	0.01	0.009996203	0.0138 %	0.0099906182	0.0100093818	AAC	-379.700 ppm	0.0800 %	PASS 40.47 %
20 mA AC @ 0.06 kHz	0.02	0.019998089	0.0138 %	0.0199812364	0.0200187636	AAC	-95.550 ppm	0.0800 %	PASS 10.18 %
100 mA AC @ 0.06 kHz	0.1	0.10000506	0.0134 %	0.099906636	0.100093364	AAC	50.600 ppm	0.0800 %	PASS 5.42 %
200 mA AC @ 0.06 kHz	0.2	0.20006263	0.0134 %	0.199813272	0.200186728	AAC	313.150 ppm	0.0800 %	PASS 33.54 %
1.0 A AC @ 0.06 kHz	1.0	0.9956818	0.0308 %	0.99869182	1.00130818	AAC	-0.4318 %	0.1000 %	FAIL 330.09 %
2.0 A AC @ 0.06 kHz	2.0	1.99909	0.0308 %	1.99738364	2.00261636	AAC	-0.0455 %	0.1000 %	PASS 34.78 %
200 µA AC @ 1000.0 Hz	0.0002	0.0002192896	0.0165 %	0.00019986691	0.00020013309	AAC	96448.000 ppm	0.0500 %	FAIL 14493.65 %
20 µA AC @ 1000.0 Hz	5e-05	5.01722E-05	0.0165 %	4.99467275e-05	5.00532725e-05	AAC	3444.000 ppm	0.0900 %	FAIL 323.24 %
100 µA AC @ 1000.0 Hz	0.0001	0.0001001145	0.0165 %	9.9893455e-05	0.000100106545	AAC	1145.000 ppm	0.0900 %	FAIL 107.47 %
200 µA AC @ 1000.0 Hz	0.0002	0.0002000197	0.0165 %	0.00019978691	0.00020021309	AAC	98.500 ppm	0.0900 %	PASS 9.24 %
1.0 mA AC @ 1000.0 Hz	0.001	0.0009997348	0.0138 %	0.00099936182	0.00100063818	AAC	-265.200 ppm	0.0500 %	PASS 41.56 %
2.0 mA AC @ 1000.0 Hz	0.002	0.0019999442	0.0138 %	0.00199872364	0.00200127636	AAC	-27.900 ppm	0.0500 %	PASS 4.37 %
10 mA AC @ 1000.0 Hz	0.01	0.00999872	0.0138 %	0.0099936182	0.0100063818	AAC	-128.000 ppm	0.0500 %	PASS 20.06 %
20 mA AC @ 1000.0 Hz	0.02	0.020002287	0.0138 %	0.0199872364	0.0200127636	AAC	114.350 ppm	0.0500 %	PASS 17.92 %
100 mA AC @ 1000.0 Hz	0.1	0.10002709	0.0134 %	0.099936636	0.100063364	AAC	270.900 ppm	0.0500 %	PASS 42.75 %
200 mA AC @ 1000.0 Hz	0.2	0.2001025	133.64	0.199873272	0.200126728	AAC	512.500 ppm	500.0 ppm	PASS 80.88 %
1.0 A AC @ 1000.0 Hz	1.0	0.9988117	0.0308 %	0.99849182	1.00150818	AAC	-0.1188 %	0.1200 %	PASS 78.79 %
2.0 A AC @ 1000.0 Hz	2.0	1.99958	0.0308 %	1.99698364	2.00301636	AAC	-0.0210 %	0.1200 %	PASS 13.92 %
10 µA AC @ 10000.0 Hz	1e-05	1.02913E-05	0.1400 %	9.986e-06	1.0014e-05	AAC	29130.000 ppm	0.0000 %	INFO
20 µA AC @ 10000.0 Hz	5e-05	5.01291E-05	0.1400 %	4.993e-05	5.007e-05	AAC	2582.000 ppm	0.0000 %	FAIL 184.43 %
100 µA AC @ 10000.0 Hz	0.0001	0.0001000398	0.1400 %	9.986e-05	0.00010014	AAC	398.000 ppm	0.0000 %	PASS 28.43 %
200 µA AC @ 10000.0 Hz	0.0002	0.0001998738	0.1400 %	0.00019972	0.00020028	AAC	-631.000 ppm	0.0000 %	PASS 45.07 %
1.0 mA AC @ 10000.0 Hz	0.001	0.0010001469	0.1400 %	0.0009978	0.0010022	AAC	146.900 ppm	0.0800 %	PASS 6.68 %
2.0 mA AC @ 10000.0 Hz	0.002	0.0020005802	0.1400 %	0.0019956	0.0020044	AAC	290.100 ppm	0.0800 %	PASS 13.19 %
10 mA AC @ 10000.0 Hz	0.01	0.01000221	0.1300 %	0.009979	0.010021	AAC	221.000 ppm	0.0800 %	PASS 10.52 %
20 mA AC @ 10000.0 Hz	0.02	0.020007207	0.1300 %	0.019958	0.020042	AAC	360.350 ppm	0.0800 %	PASS 17.16 %
100 mA AC @ 10000.0 Hz	0.1	0.10010145	0.1100 %	0.09981	0.10019	AAC	1014.500 ppm	0.0800 %	PASS 53.39 %
200 mA AC @ 10000.0 Hz	0.2	0.20023079	0.1100 %	0.19962	0.20038	AAC	1153.950 ppm	0.0800 %	PASS 60.73 %
1.0 A AC @ 10000.0 Hz	1.0	1.0016479	0.6100 %	0.9907	1.0093	AAC	0.1648 %	0.3200 %	PASS 17.72 %
2.0 A AC @ 10000.0 Hz	2.0	2.0052982	0.6100 %	1.9814	2.0186	AAC	0.2649 %	0.3200 %	PASS 28.48 %

Test date	26 February 2018 09:43
-----------	------------------------

Lab temperature maintained +24°C ±2°C

Internal use only

Not validated