

Manufacturer	KEITHLEY INSTRUMENTS	Calibration date	September 10 2020
Model Number	Model 2182A	Ambient Temperature	22.59 °C
Serial number	4000398	Relative Humidity	49.54 %
ID Number	Calibration test unit	Pressure	1019.85
Notes	Test after fresh cal, new LM399A	Test type	Front spade lug terminals

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
DC STD	xDevs.com	792X[2]	9.9999728 VDC	±0.5 ppm	XD01	03/03/2020	03/03/2021
STDR	ESI	SR104	10000.0026 KΩ	±0.15 ppm	G202088930104	03/17/2020	03/17/2021
STDR	xDevs.com/Fluke	SL935	1.00006085 Ω	±0.17 ppm	XR03	09/13/2019	09/13/2020
STDR	xDevs.com/Fluke	SL935	9999.9737 kΩ	±0.17 ppm	XR02	09/13/2019	09/13/2020
MFC	Fluke	5720A	03/HLK	E2E6	XC01	08/25/2020	02/25/2021
Amplifier	Fluke	5725A		5930005	XB01	08/25/2020	02/25/2021
DMM	HP	3458A	001,X02	MY45040325	XD2	08/25/2020	02/25/2021
DMM	HP	3458A	001,X02	X	XD3	03/28/2020	03/28/2021

MFC last calibrated	16.0 days ago	MFC since DCV ZERO	0.0 days ago
MFC since WBFLAT	165.0 days ago	MFC since WBGAIN	16.0 days ago
MFC Confidence level	<b>24h 95% REL</b>	MFC Calibrate date	2020-08-25 00:00:00
MFC Calibrate date Zero	2020-09-10 00:00:00	Calibrate date WB Flatness	2020-03-29 00:00:00
Calibrate date WB Gain	2020-08-25 00:00:00	CAL CONST 6.5V reference voltage	6.95747638076
CAL CONST 13V reference voltage	13.8553014829	CAL CONST 22V range positive zero	398.17901
CAL CONST 22V range negative zero	398.17859	CAL CONST DAC Linearity	0.0
CAL CONST 10KOHM true output resistance	9999.80982948	CAL CONST 10KOHM standard resistance	9998.75455393
CAL CONST, Zero calibration temperature	22.6000003815	CAL CONST, All calibration temp	22.6000003815
Booster type	VB5725,IB5725	Current output posts	AUX
Calibrate date 5725A AMP	1988-10-01 00:00:00	Calibrated days ago	2041-11-09 00:00:00
CAL CONST, Amp ACAL temperature	23.0	CAL CONST, Amp CalCheck temperature	23.0

Total uncertainty of each calibration point calculated with RSS

$$U_{95\%} = \sqrt{U_{SRC}^2 * U_{DUT}^2 * 2}$$

Meter Info	KEITHLEY INSTRUMENTS INC.,MODEL 2182A,4000398,C03 /A02	Test date start	10 September 2020 06:05
Test specification interval	<b>24 hour DUT spec</b>	Line frequency	60.0
Next calibration date	2021,09,09	Last calibration date	2020,09,09
DUT temperature to cal	-2.1	Last calibration temperature	+24.2

Service information

Last calibration temperature

+24.2

All CAL values

0

Reference

Verification

DUT Condition

xfer-calkit

Test procedure : \$Id: k2182.py | Rev 979 | 2018/10/09 04:25:27 tin\_fpga \$

Source procedure : \$Id: f5720b.py | Rev 1697 | 2020/04/04 04:09:52 tin\_fpga \$

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	Deviation	DUT Spec	Test Status
CH1 Short 00 mVDC	0.000000E+00	<b>0.21 µV</b>	7.27 µV	-8.470 µV	8.470 µV	N/A	1.20 µV	PASS
CH1 Short 000 mVDC	0.000000E+00	<b>0.17 µV</b>	7.27 µV	-11.270 µV	11.270 µV	N/A	4.00 µV	PASS
CH1 Short 0.0 VDC	0.000000E+00	<b>0.16 µV</b>	7.27 µV	-87.270 µV	87.270 µV	N/A	80.00 µV	PASS
CH1 Short 00.0 VDC	0.000000E+00	<b>-0.04 µV</b>	3.86 µV	-603.860 µV	603.860 µV	N/A	0.60 mV	PASS
CH1 Short 000.0 VDC	0.000000E+00	<b>-11.72 µV</b>	3.86 µV	-6003.860 µV	6003.860 µV	N/A	6.00 mV	PASS
DCV Test	0.01V-100V	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
0.001 VDC (0.010 Range)	0.0010000	<b>0.0009999659</b>	401.60 ppm	0.0009995744	0.0010004256	-34.101 ppm	24.00 ppm	PASS 8.01 %
0.005 VDC (0.010 Range)	0.0050000	<b>0.0049999844</b>	81.60 ppm	0.004999472	0.005000528	-3.120 ppm	24.00 ppm	PASS 2.95 %
0.01 VDC (0.010 Range)	0.0100000	<b>0.010000007</b>	41.60 ppm	0.009999344	0.010000656	0.725 ppm	24.00 ppm	PASS 1.11 %
-0.01 VDC (0.010 Range)	-0.0100000	<b>-0.0099999972</b>	41.60 ppm	-0.010000656	-0.009999344	-0.285 ppm	24.00 ppm	PASS 0.43 %
-0.005 VDC (0.010 Range)	-0.0050000	<b>-0.0050000121</b>	81.60 ppm	-0.005000528	-0.004999472	2.428 ppm	24.00 ppm	PASS 2.30 %
-0.001 VDC (0.010 Range)	-0.0010000	<b>-0.0010000209</b>	401.60 ppm	-0.0010004256	-0.0009995744	20.865 ppm	24.00 ppm	PASS 4.90 %
0.01 VDC (0.100 Range)	0.0100000	<b>0.0099999867</b>	41.60 ppm	0.009999454	0.010000546	-1.329 ppm	13.00 ppm	PASS 2.43 %
0.05 VDC (0.100 Range)	0.0500000	<b>0.049999884</b>	9.60 ppm	0.04999887	0.05000113	-2.318 ppm	13.00 ppm	PASS 10.26 %
0.1 VDC (0.100 Range)	0.1000000	<b>0.10000008</b>	5.60 ppm	0.09999814	0.10000186	0.790 ppm	13.00 ppm	PASS 4.25 %
-0.1 VDC (0.100 Range)	-0.1000000	<b>-0.099999921</b>	5.60 ppm	-0.10000186	-0.09999814	-0.787 ppm	13.00 ppm	PASS 4.23 %
-0.05 VDC (0.100 Range)	-0.0500000	<b>-0.050000079</b>	9.60 ppm	-0.05000113	-0.04999887	1.574 ppm	13.00 ppm	PASS 6.96 %
-0.01 VDC (0.100 Range)	-0.0100000	<b>-0.010000107</b>	41.60 ppm	-0.010000546	-0.009999454	10.680 ppm	13.00 ppm	PASS 19.56 %
0.1 VDC (1.000 Range)	0.1000000	<b>0.099999956</b>	8.60 ppm	0.09999824	0.10000176	-0.441 ppm	9.00 ppm	PASS 2.50 %
0.5 VDC (1.000 Range)	0.5000000	<b>0.49999953</b>	3.00 ppm	0.499994	0.500006	-0.940 ppm	9.00 ppm	PASS 7.83 %
1 VDC (1.000 Range)	1.0000000	<b>0.99999993</b>	2.30 ppm	0.9999887	1.0000113	-0.075 ppm	9.00 ppm	PASS 0.66 %
-1 VDC (1.000 Range)	-1.0000000	<b>-0.99999942</b>	2.30 ppm	-1.0000113	-0.9999887	-0.579 ppm	9.00 ppm	PASS 5.13 %
-0.5 VDC (1.000 Range)	-0.5000000	<b>-0.49999956</b>	3.00 ppm	-0.500006	-0.499994	-0.886 ppm	9.00 ppm	PASS 7.38 %
-0.1 VDC (1.000 Range)	-0.1000000	<b>-0.10000018</b>	8.60 ppm	-0.10000176	-0.09999824	1.780 ppm	9.00 ppm	PASS 10.11 %
1.0 VDC (10.000 Range)	1.0000000	<b>0.99999907</b>	3.30 ppm	0.9999937	1.0000063	-0.932 ppm	3.00 ppm	PASS 14.80 %
5 VDC (10.000 Range)	5.0000000	<b>4.9999985</b>	1.30 ppm	4.9999785	5.0000215	-0.296 ppm	3.00 ppm	PASS 6.88 %
10.0 VDC (10.000 Range)	10.0000000	<b>9.9999998</b>	1.10 ppm	9.999959	10.000041	-0.022 ppm	3.00 ppm	PASS 0.54 %
-10.0 VDC (10.000 Range)	-10.0000000	<b>-9.9999995</b>	1.10 ppm	-10.000041	-9.999959	-0.046 ppm	3.00 ppm	PASS 1.13 %
-5.0 VDC (10.000 Range)	-5.0000000	<b>-4.9999995</b>	1.30 ppm	-5.0000215	-4.9999785	-0.099 ppm	3.00 ppm	PASS 2.30 %
-1.0 VDC (10.000 Range)	-1.0000000	<b>-1.0000018</b>	3.30 ppm	-1.0000063	-0.9999937	1.780 ppm	3.00 ppm	PASS 28.25 %
10 VDC (100.000 Range)	10.0000000	<b>9.9999642</b>	5.60 ppm	9.999814	10.000186	-3.578 ppm	13.00 ppm	PASS 19.23 %
50 VDC (100.000 Range)	50.0000000	<b>50.000079</b>	2.40 ppm	49.99923	50.00077	1.583 ppm	13.00 ppm	PASS 10.28 %
100 VDC (100.000 Range)	100.0000000	<b>100.00014</b>	2.00 ppm	99.9985	100.0015	1.445 ppm	13.00 ppm	PASS 9.63 %
-100 VDC (100.000 Range)	-100.0000000	<b>-100.00039</b>	2.00 ppm	-100.0015	-99.9985	3.860 ppm	13.00 ppm	PASS 25.73 %
-50 VDC (100.000 Range)	-50.0000000	<b>-50.000054</b>	2.40 ppm	-50.00077	-49.99923	1.088 ppm	13.00 ppm	PASS 7.06 %
-10 VDC (100.000 Range)	-10.0000000	<b>-9.9999747</b>	5.60 ppm	-10.000186	-9.999814	-2.535 ppm	13.00 ppm	PASS 13.63 %

DCV Linearity	10 mV Range	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
10.25000 mV	0.010250	<b>0.0102500</b>	40.62 ppm	0.01024949	0.01025051	2.79 ppm	9.00 ppm	PASS 5.62 %
10.00000 mV	0.010000	<b>0.0100000</b>	41.60 ppm	0.009999494	0.01000051	-2.38 ppm	9.00 ppm	PASS 4.70 %
9.75000 mV	0.009750	<b>0.0097500</b>	42.63 ppm	0.009749497	0.009750503	-3.80 ppm	9.00 ppm	PASS 7.36 %
9.50000 mV	0.009500	<b>0.0095000</b>	43.71 ppm	0.009499499	0.009500501	-3.95 ppm	9.00 ppm	PASS 7.49 %
9.25000 mV	0.009250	<b>0.0092500</b>	44.84 ppm	0.009249502	0.009250498	-3.86 ppm	9.00 ppm	PASS 7.16 %
9.00000 mV	0.009000	<b>0.0089999</b>	46.04 ppm	0.008999505	0.009000495	-8.39 ppm	9.00 ppm	PASS 15.25 %
8.75000 mV	0.008750	<b>0.0087499</b>	47.31 ppm	0.008749507	0.008750493	-8.73 ppm	9.00 ppm	PASS 15.50 %
8.50000 mV	0.008500	<b>0.0084999</b>	48.66 ppm	0.00849951	0.00850049	-9.23 ppm	9.00 ppm	PASS 16.01 %
8.25000 mV	0.008250	<b>0.0082499</b>	50.08 ppm	0.008249513	0.008250487	-7.93 ppm	9.00 ppm	PASS 13.43 %
8.00000 mV	0.008000	<b>0.0079999</b>	51.60 ppm	0.007999515	0.008000485	-8.48 ppm	9.00 ppm	PASS 14.00 %
7.75000 mV	0.007750	<b>0.0077499</b>	53.21 ppm	0.007749518	0.007750482	-7.14 ppm	9.00 ppm	PASS 11.48 %
7.50000 mV	0.007500	<b>0.0074999</b>	54.93 ppm	0.007499521	0.007500479	-12.91 ppm	9.00 ppm	PASS 20.20 %
7.25000 mV	0.007250	<b>0.0072499</b>	56.77 ppm	0.007249523	0.007250477	-12.04 ppm	9.00 ppm	PASS 18.31 %
7.00000 mV	0.007000	<b>0.0069999</b>	58.74 ppm	0.006999526	0.007000474	-16.14 ppm	9.00 ppm	PASS 23.83 %
6.75000 mV	0.006750	<b>0.0067499</b>	60.86 ppm	0.006749528	0.006750472	-12.12 ppm	9.00 ppm	PASS 17.35 %
6.50000 mV	0.006500	<b>0.0064999</b>	63.14 ppm	0.006499531	0.006500469	-13.02 ppm	9.00 ppm	PASS 18.05 %
6.25000 mV	0.006250	<b>0.0062499</b>	65.60 ppm	0.006249534	0.006250466	-13.21 ppm	9.00 ppm	PASS 17.70 %
6.00000 mV	0.006000	<b>0.0059999</b>	68.27 ppm	0.005999536	0.006000464	-11.29 ppm	9.00 ppm	PASS 14.61 %
5.75000 mV	0.005750	<b>0.0057499</b>	71.17 ppm	0.005749539	0.005750461	-13.94 ppm	9.00 ppm	PASS 17.39 %
5.50000 mV	0.005500	<b>0.0054999</b>	74.33 ppm	0.005499542	0.005500458	-16.83 ppm	9.00 ppm	PASS 20.19 %
5.25000 mV	0.005250	<b>0.0052499</b>	77.79 ppm	0.005249544	0.005250456	-14.29 ppm	9.00 ppm	PASS 16.46 %
5.00000 mV	0.005000	<b>0.0049999</b>	81.60 ppm	0.004999547	0.005000453	-19.34 ppm	9.00 ppm	PASS 21.35 %
4.75000 mV	0.004750	<b>0.0047499</b>	85.81 ppm	0.00474955	0.00475045	-18.06 ppm	9.00 ppm	PASS 19.05 %
4.50000 mV	0.004500	<b>0.0044999</b>	90.49 ppm	0.004499552	0.004500448	-18.55 ppm	9.00 ppm	PASS 18.64 %
4.25000 mV	0.004250	<b>0.0042499</b>	95.72 ppm	0.004249555	0.004250445	-16.26 ppm	9.00 ppm	PASS 15.53 %
4.00000 mV	0.004000	<b>0.0039999</b>	101.60 ppm	0.003999558	0.004000442	-22.36 ppm	9.00 ppm	PASS 20.22 %
3.75000 mV	0.003750	<b>0.0037499</b>	108.27 ppm	0.00374956	0.00375044	-20.85 ppm	9.00 ppm	PASS 17.78 %
3.50000 mV	0.003500	<b>0.0034999</b>	115.89 ppm	0.003499563	0.003500437	-26.89 ppm	9.00 ppm	PASS 21.53 %
3.25000 mV	0.003250	<b>0.0032499</b>	124.68 ppm	0.003249566	0.003250434	-27.16 ppm	9.00 ppm	PASS 20.32 %
3.00000 mV	0.003000	<b>0.0029999</b>	134.93 ppm	0.002999568	0.003000432	-26.34 ppm	9.00 ppm	PASS 18.30 %
2.75000 mV	0.002750	<b>0.0027499</b>	147.05 ppm	0.002749571	0.002750429	-35.21 ppm	9.00 ppm	PASS 22.57 %
2.50000 mV	0.002500	<b>0.0024999</b>	161.60 ppm	0.002499573	0.002500427	-34.40 ppm	9.00 ppm	PASS 20.16 %
2.25000 mV	0.002250	<b>0.0022499</b>	179.38 ppm	0.002249576	0.002250424	-34.34 ppm	9.00 ppm	PASS 18.23 %
2.00000 mV	0.002000	<b>0.0019999</b>	201.60 ppm	0.001999579	0.002000421	-46.11 ppm	9.00 ppm	PASS 21.89 %
1.75000 mV	0.001750	<b>0.0017499</b>	230.17 ppm	0.001749581	0.001750419	-51.53 ppm	9.00 ppm	PASS 21.54 %
1.50000 mV	0.001500	<b>0.0014999</b>	268.27 ppm	0.001499584	0.001500416	-44.97 ppm	9.00 ppm	PASS 16.22 %
1.25000 mV	0.001250	<b>0.0012499</b>	321.60 ppm	0.001249587	0.001250413	-67.99 ppm	9.00 ppm	PASS 20.57 %
1.00000 mV	0.001000	<b>0.0009999</b>	401.60 ppm	0.0009995894	0.001000411	-70.11 ppm	9.00 ppm	PASS 17.08 %
0.75000 mV	0.000750	<b>0.0007499</b>	534.93 ppm	0.0007495921	0.0007504079	-96.03 ppm	9.00 ppm	PASS 17.66 %
0.50000 mV	0.000500	<b>0.0004999</b>	801.60 ppm	0.0004995947	0.0005004053	-127.56 ppm	9.00 ppm	PASS 15.74 %
0.25000 mV	0.000250	<b>0.0002499</b>	1601.60 ppm	0.0002495974	0.0002504026	-231.91 ppm	9.00 ppm	PASS 14.40 %
0.10000 mV	0.000100	<b>0.0000999</b>	4001.60 ppm	9.959894E-05	0.0001004011	-769.66 ppm	9.00 ppm	PASS 19.19 %

-0.25000 mV	-0.000250	<b>-0.0002501</b>	1601.60 ppm	-0.0002504026	-0.0002495974	246.51 ppm	9.00 ppm	PASS 15.31 %
-0.50000 mV	-0.000500	<b>-0.0005001</b>	801.60 ppm	-0.0005004053	-0.0004995947	112.15 ppm	9.00 ppm	PASS 13.83 %
-0.75000 mV	-0.000750	<b>-0.0007501</b>	534.93 ppm	-0.0007504079	-0.0007495921	89.72 ppm	9.00 ppm	PASS 16.50 %
-1.00000 mV	-0.001000	<b>-0.0010000</b>	401.60 ppm	-0.001000411	-0.0009995894	49.05 ppm	9.00 ppm	PASS 11.95 %
-1.25000 mV	-0.001250	<b>-0.0012500</b>	321.60 ppm	-0.001250413	-0.001249587	39.62 ppm	9.00 ppm	PASS 11.99 %
-1.50000 mV	-0.001500	<b>-0.0015000</b>	268.27 ppm	-0.001500416	-0.001499584	22.43 ppm	9.00 ppm	PASS 8.09 %
-1.75000 mV	-0.001750	<b>-0.0017500</b>	230.17 ppm	-0.001750419	-0.001749581	27.71 ppm	9.00 ppm	PASS 11.59 %
-2.00000 mV	-0.002000	<b>-0.0020000</b>	201.60 ppm	-0.002000421	-0.001999579	24.84 ppm	9.00 ppm	PASS 11.79 %
-2.25000 mV	-0.002250	<b>-0.0022500</b>	179.38 ppm	-0.002250424	-0.002249576	16.94 ppm	9.00 ppm	PASS 8.99 %
-2.50000 mV	-0.002500	<b>-0.0025001</b>	161.60 ppm	-0.002500427	-0.002499573	21.40 ppm	9.00 ppm	PASS 12.55 %
-2.75000 mV	-0.002750	<b>-0.0027500</b>	147.05 ppm	-0.002750429	-0.002749571	12.35 ppm	9.00 ppm	PASS 7.91 %
-3.00000 mV	-0.003000	<b>-0.0030000</b>	134.93 ppm	-0.003000432	-0.002999568	14.07 ppm	9.00 ppm	PASS 9.78 %
-3.25000 mV	-0.003250	<b>-0.0032500</b>	124.68 ppm	-0.003250434	-0.003249566	11.99 ppm	9.00 ppm	PASS 8.97 %
-3.50000 mV	-0.003500	<b>-0.0035000</b>	115.89 ppm	-0.003500437	-0.003499563	8.21 ppm	9.00 ppm	PASS 6.57 %
-3.75000 mV	-0.003750	<b>-0.0037500</b>	108.27 ppm	-0.00375044	-0.00374956	10.92 ppm	9.00 ppm	PASS 9.31 %
-4.00000 mV	-0.004000	<b>-0.0040000</b>	101.60 ppm	-0.004000442	-0.003999558	8.49 ppm	9.00 ppm	PASS 7.68 %
-4.25000 mV	-0.004250	<b>-0.0042500</b>	95.72 ppm	-0.004250445	-0.004249555	8.55 ppm	9.00 ppm	PASS 8.17 %
-4.50000 mV	-0.004500	<b>-0.0045000</b>	90.49 ppm	-0.004500448	-0.004499552	8.66 ppm	9.00 ppm	PASS 8.70 %
-4.75000 mV	-0.004750	<b>-0.0047500</b>	85.81 ppm	-0.00475045	-0.00474955	3.11 ppm	9.00 ppm	PASS 3.28 %
-5.00000 mV	-0.005000	<b>-0.0050000</b>	81.60 ppm	-0.005000453	-0.004999547	2.29 ppm	9.00 ppm	PASS 2.53 %
-5.25000 mV	-0.005250	<b>-0.0052500</b>	77.79 ppm	-0.005250456	-0.005249544	0.80 ppm	9.00 ppm	PASS 0.92 %
-5.50000 mV	-0.005500	<b>-0.0055000</b>	74.33 ppm	-0.005500458	-0.005499542	3.01 ppm	9.00 ppm	PASS 3.61 %
-5.75000 mV	-0.005750	<b>-0.0057500</b>	71.17 ppm	-0.005750461	-0.005749539	3.50 ppm	9.00 ppm	PASS 4.36 %
-6.00000 mV	-0.006000	<b>-0.0060000</b>	68.27 ppm	-0.006000464	-0.005999536	-1.87 ppm	9.00 ppm	PASS 2.42 %
-6.25000 mV	-0.006250	<b>-0.0062500</b>	65.60 ppm	-0.006250466	-0.006249534	-1.16 ppm	9.00 ppm	PASS 1.55 %
-6.50000 mV	-0.006500	<b>-0.0065000</b>	63.14 ppm	-0.006500469	-0.006499531	0.84 ppm	9.00 ppm	PASS 1.16 %
-6.75000 mV	-0.006750	<b>-0.0067500</b>	60.86 ppm	-0.006750472	-0.006749528	-0.86 ppm	9.00 ppm	PASS 1.23 %
-7.00000 mV	-0.007000	<b>-0.0070000</b>	58.74 ppm	-0.007000474	-0.006999526	-1.61 ppm	9.00 ppm	PASS 2.38 %
-7.25000 mV	-0.007250	<b>-0.0072500</b>	56.77 ppm	-0.007250477	-0.007249523	-0.85 ppm	9.00 ppm	PASS 1.30 %
-7.50000 mV	-0.007500	<b>-0.0075000</b>	54.93 ppm	-0.007500479	-0.007499521	1.10 ppm	9.00 ppm	PASS 1.72 %
-7.75000 mV	-0.007750	<b>-0.0077500</b>	53.21 ppm	-0.007750482	-0.007749518	-4.23 ppm	9.00 ppm	PASS 6.80 %
-8.00000 mV	-0.008000	<b>-0.0080000</b>	51.60 ppm	-0.008000485	-0.007999515	-3.34 ppm	9.00 ppm	PASS 5.51 %
-8.25000 mV	-0.008250	<b>-0.0082500</b>	50.08 ppm	-0.008250487	-0.008249513	-1.32 ppm	9.00 ppm	PASS 2.24 %
-8.50000 mV	-0.008500	<b>-0.0085000</b>	48.66 ppm	-0.00850049	-0.00849951	-2.34 ppm	9.00 ppm	PASS 4.06 %
-8.75000 mV	-0.008750	<b>-0.0087500</b>	47.31 ppm	-0.008750493	-0.008749507	-1.68 ppm	9.00 ppm	PASS 2.98 %
-9.00000 mV	-0.009000	<b>-0.0090000</b>	46.04 ppm	-0.009000495	-0.008999505	-1.72 ppm	9.00 ppm	PASS 3.12 %
-9.25000 mV	-0.009250	<b>-0.0092500</b>	44.84 ppm	-0.009250498	-0.009249502	-2.10 ppm	9.00 ppm	PASS 3.91 %
-9.50000 mV	-0.009500	<b>-0.0094999</b>	43.71 ppm	-0.009500501	-0.009499499	-5.52 ppm	9.00 ppm	PASS 10.47 %
-9.75000 mV	-0.009750	<b>-0.0097500</b>	42.63 ppm	-0.009750503	-0.009749497	-3.45 ppm	9.00 ppm	PASS 6.67 %
-10.00000 mV	-0.010000	<b>-0.0100000</b>	41.60 ppm	-0.01000051	-0.009999494	-3.43 ppm	9.00 ppm	PASS 6.78 %
-10.25000 mV	-0.010250	<b>-0.0102499</b>	40.62 ppm	-0.01025051	-0.01024949	-7.00 ppm	9.00 ppm	PASS 14.10 %

DCV Linearity	1V Range	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
1.025000 V	1.0250000	<b>1.0250005</b>	2.28 ppm	1.024988	1.025012	0.54 ppm	9.00 ppm	PASS 4.76 %
1.000000 V	1.0000000	<b>1.0000002</b>	2.30 ppm	0.9999887	1.000011	0.20 ppm	9.00 ppm	PASS 1.77 %
0.975000 V	0.9750000	<b>0.9749997</b>	2.32 ppm	0.974989	0.975011	-0.32 ppm	9.00 ppm	PASS 2.80 %
0.950000 V	0.9500000	<b>0.9499997</b>	2.34 ppm	0.9499892	0.9500108	-0.33 ppm	9.00 ppm	PASS 2.93 %

0.925000 V	0.9250000	<b>0.9249999</b>	2.36 ppm	0.9249895	0.9250105	-0.07 ppm	9.00 ppm	PASS 0.64 %
0.900000 V	0.9000000	<b>0.8999998</b>	2.38 ppm	0.8999898	0.9000102	-0.28 ppm	9.00 ppm	PASS 2.42 %
0.875000 V	0.8750000	<b>0.8749999</b>	2.40 ppm	0.87499	0.87501	-0.06 ppm	9.00 ppm	PASS 0.55 %
0.850000 V	0.8500000	<b>0.8499995</b>	2.42 ppm	0.8499903	0.8500097	-0.62 ppm	9.00 ppm	PASS 5.45 %
0.825000 V	0.8250000	<b>0.8250001</b>	2.45 ppm	0.8249906	0.8250094	0.13 ppm	9.00 ppm	PASS 1.12 %
0.800000 V	0.8000000	<b>0.7999996</b>	2.48 ppm	0.7999908	0.8000092	-0.46 ppm	9.00 ppm	PASS 4.03 %
0.775000 V	0.7750000	<b>0.7749998</b>	2.50 ppm	0.7749911	0.7750089	-0.31 ppm	9.00 ppm	PASS 2.67 %
0.750000 V	0.7500000	<b>0.7499999</b>	2.53 ppm	0.7499914	0.7500086	-0.16 ppm	9.00 ppm	PASS 1.41 %
0.725000 V	0.7250000	<b>0.7249993</b>	2.57 ppm	0.7249916	0.7250084	-0.99 ppm	9.00 ppm	PASS 8.60 %
0.700000 V	0.7000000	<b>0.6999994</b>	2.60 ppm	0.6999919	0.7000081	-0.81 ppm	9.00 ppm	PASS 6.95 %
0.675000 V	0.6750000	<b>0.6749995</b>	2.64 ppm	0.6749921	0.6750079	-0.77 ppm	9.00 ppm	PASS 6.61 %
0.650000 V	0.6500000	<b>0.6500000</b>	2.68 ppm	0.6499924	0.6500076	-0.04 ppm	9.00 ppm	PASS 0.36 %
0.625000 V	0.6250000	<b>0.6249998</b>	2.72 ppm	0.6249927	0.6250073	-0.38 ppm	9.00 ppm	PASS 3.25 %
0.600000 V	0.6000000	<b>0.5999999</b>	2.77 ppm	0.5999929	0.6000071	-0.15 ppm	9.00 ppm	PASS 1.26 %
0.575000 V	0.5750000	<b>0.5749997</b>	2.82 ppm	0.5749932	0.5750068	-0.59 ppm	9.00 ppm	PASS 4.96 %
0.550000 V	0.5500000	<b>0.5499996</b>	2.87 ppm	0.5499935	0.5500065	-0.70 ppm	9.00 ppm	PASS 5.88 %
0.525000 V	0.5250000	<b>0.5249998</b>	2.93 ppm	0.5249937	0.5250063	-0.43 ppm	9.00 ppm	PASS 3.61 %
0.500000 V	0.5000000	<b>0.4999994</b>	3.00 ppm	0.499994	0.500006	-1.27 ppm	9.00 ppm	PASS 10.60 %
0.475000 V	0.4750000	<b>0.4749995</b>	3.07 ppm	0.4749943	0.4750057	-1.13 ppm	9.00 ppm	PASS 9.37 %
0.450000 V	0.4500000	<b>0.4499998</b>	3.16 ppm	0.4499945	0.4500055	-0.52 ppm	9.00 ppm	PASS 4.24 %
0.425000 V	0.4250000	<b>0.4249993</b>	3.25 ppm	0.4249948	0.4250052	-1.66 ppm	9.00 ppm	PASS 13.54 %
0.400000 V	0.4000000	<b>0.3999997</b>	3.35 ppm	0.3999951	0.4000049	-0.63 ppm	9.00 ppm	PASS 5.08 %
0.375000 V	0.3750000	<b>0.3749997</b>	3.47 ppm	0.3749953	0.3750047	-0.91 ppm	9.00 ppm	PASS 7.33 %
0.350000 V	0.3500000	<b>0.3499997</b>	3.60 ppm	0.3499956	0.3500044	-0.73 ppm	9.00 ppm	PASS 5.83 %
0.325000 V	0.3250000	<b>0.3249997</b>	3.75 ppm	0.3249959	0.3250041	-0.80 ppm	9.00 ppm	PASS 6.25 %
0.300000 V	0.3000000	<b>0.2999996</b>	3.93 ppm	0.2999961	0.3000039	-1.30 ppm	9.00 ppm	PASS 10.08 %
0.275000 V	0.2750000	<b>0.2749994</b>	4.15 ppm	0.2749964	0.2750036	-2.23 ppm	9.00 ppm	PASS 16.95 %
0.250000 V	0.2500000	<b>0.2499996</b>	4.40 ppm	0.2499966	0.2500034	-1.69 ppm	9.00 ppm	PASS 12.60 %
0.225000 V	0.2250000	<b>0.2249995</b>	4.71 ppm	0.2249969	0.2250031	-2.01 ppm	9.00 ppm	PASS 14.65 %
0.200000 V	0.2000000	<b>0.1999998</b>	5.10 ppm	0.1999972	0.2000028	-1.15 ppm	9.00 ppm	PASS 8.16 %
0.175000 V	0.1750000	<b>0.1749997</b>	5.60 ppm	0.1749974	0.1750026	-1.99 ppm	9.00 ppm	PASS 13.62 %
0.150000 V	0.1500000	<b>0.1499998</b>	6.27 ppm	0.1499977	0.1500023	-1.53 ppm	9.00 ppm	PASS 10.00 %
0.125000 V	0.1250000	<b>0.1249999</b>	7.20 ppm	0.124998	0.125002	-0.50 ppm	9.00 ppm	PASS 3.11 %
0.100000 V	0.1000000	<b>0.0999999</b>	8.60 ppm	0.09999824	0.1000018	-0.75 ppm	9.00 ppm	PASS 4.27 %
0.075000 V	0.0750000	<b>0.0749999</b>	10.93 ppm	0.07499851	0.07500149	-1.03 ppm	9.00 ppm	PASS 5.18 %
0.050000 V	0.0500000	<b>0.0499999</b>	15.60 ppm	0.04999877	0.05000123	-1.41 ppm	9.00 ppm	PASS 5.72 %
0.025000 V	0.0250000	<b>0.0249999</b>	29.60 ppm	0.02499904	0.02500096	-3.56 ppm	9.00 ppm	PASS 9.22 %
0.010000 V	0.0100000	<b>0.0100000</b>	71.60 ppm	0.009999194	0.01000081	-0.75 ppm	9.00 ppm	PASS 0.93 %
-0.025000 V	-0.0250000	<b>-0.0249999</b>	29.60 ppm	-0.02500096	-0.02499904	-2.38 ppm	9.00 ppm	PASS 6.16 %
-0.050000 V	-0.0500000	<b>-0.0500000</b>	15.60 ppm	-0.05000123	-0.04999877	-0.67 ppm	9.00 ppm	PASS 2.72 %
-0.075000 V	-0.0750000	<b>-0.0749999</b>	10.93 ppm	-0.07500149	-0.07499851	-1.11 ppm	9.00 ppm	PASS 5.57 %
-0.100000 V	-0.1000000	<b>-0.0999999</b>	8.60 ppm	-0.1000018	-0.09999824	-0.85 ppm	9.00 ppm	PASS 4.81 %
-0.125000 V	-0.1250000	<b>-0.1249998</b>	7.20 ppm	-0.125002	-0.124998	-1.24 ppm	9.00 ppm	PASS 7.65 %
-0.150000 V	-0.1500000	<b>-0.1499999</b>	6.27 ppm	-0.1500023	-0.1499977	-0.49 ppm	9.00 ppm	PASS 3.19 %
-0.175000 V	-0.1750000	<b>-0.1749999</b>	5.60 ppm	-0.1750026	-0.1749974	-0.65 ppm	9.00 ppm	PASS 4.46 %
-0.200000 V	-0.2000000	<b>-0.2000000</b>	5.10 ppm	-0.2000028	-0.1999972	0.16 ppm	9.00 ppm	PASS 1.13 %



-0.225000 V	-0.2250000	<b>-0.2250002</b>	4.71 ppm	-0.2250031	-0.2249969	0.83 ppm	9.00 ppm	PASS 6.03 %
-0.250000 V	-0.2500000	<b>-0.2500001</b>	4.40 ppm	-0.2500034	-0.2499966	0.41 ppm	9.00 ppm	PASS 3.04 %
-0.275000 V	-0.2750000	<b>-0.2750001</b>	4.15 ppm	-0.2750036	-0.2749964	0.40 ppm	9.00 ppm	PASS 3.04 %
-0.300000 V	-0.3000000	<b>-0.3000000</b>	3.93 ppm	-0.3000039	-0.2999961	-0.16 ppm	9.00 ppm	PASS 1.21 %
-0.325000 V	-0.3250000	<b>-0.3250002</b>	3.75 ppm	-0.3250041	-0.3249959	0.54 ppm	9.00 ppm	PASS 4.20 %
-0.350000 V	-0.3500000	<b>-0.3500001</b>	3.60 ppm	-0.3500044	-0.3499956	0.29 ppm	9.00 ppm	PASS 2.34 %
-0.375000 V	-0.3750000	<b>-0.3749999</b>	3.47 ppm	-0.3750047	-0.3749953	-0.14 ppm	9.00 ppm	PASS 1.09 %
-0.400000 V	-0.4000000	<b>-0.4000003</b>	3.35 ppm	-0.4000049	-0.3999951	0.67 ppm	9.00 ppm	PASS 5.40 %
-0.425000 V	-0.4250000	<b>-0.4249999</b>	3.25 ppm	-0.4250052	-0.4249948	-0.18 ppm	9.00 ppm	PASS 1.44 %
-0.450000 V	-0.4500000	<b>-0.4500001</b>	3.16 ppm	-0.4500055	-0.4499945	0.22 ppm	9.00 ppm	PASS 1.85 %
-0.475000 V	-0.4750000	<b>-0.4749999</b>	3.07 ppm	-0.4750057	-0.4749943	-0.14 ppm	9.00 ppm	PASS 1.17 %
-0.500000 V	-0.5000000	<b>-0.4999999</b>	3.00 ppm	-0.500006	-0.499994	-0.27 ppm	9.00 ppm	PASS 2.28 %
-0.525000 V	-0.5250000	<b>-0.5249997</b>	2.93 ppm	-0.5250063	-0.5249937	-0.61 ppm	9.00 ppm	PASS 5.14 %
-0.550000 V	-0.5500000	<b>-0.5499998</b>	2.87 ppm	-0.5500065	-0.5499935	-0.43 ppm	9.00 ppm	PASS 3.65 %
-0.575000 V	-0.5750000	<b>-0.5749997</b>	2.82 ppm	-0.5750068	-0.5749932	-0.50 ppm	9.00 ppm	PASS 4.24 %
-0.600000 V	-0.6000000	<b>-0.5999999</b>	2.77 ppm	-0.6000071	-0.5999929	-0.20 ppm	9.00 ppm	PASS 1.71 %
-0.625000 V	-0.6250000	<b>-0.6249995</b>	2.72 ppm	-0.6250073	-0.6249927	-0.86 ppm	9.00 ppm	PASS 7.30 %
-0.650000 V	-0.6500000	<b>-0.6499998</b>	2.68 ppm	-0.6500076	-0.6499924	-0.36 ppm	9.00 ppm	PASS 3.12 %
-0.675000 V	-0.6750000	<b>-0.6749999</b>	2.64 ppm	-0.6750079	-0.6749921	-0.10 ppm	9.00 ppm	PASS 0.83 %
-0.700000 V	-0.7000000	<b>-0.6999996</b>	2.60 ppm	-0.7000081	-0.6999919	-0.51 ppm	9.00 ppm	PASS 4.40 %
-0.725000 V	-0.7250000	<b>-0.7249999</b>	2.57 ppm	-0.7250084	-0.7249916	-0.18 ppm	9.00 ppm	PASS 1.53 %
-0.750000 V	-0.7500000	<b>-0.7499997</b>	2.53 ppm	-0.7500086	-0.7499914	-0.45 ppm	9.00 ppm	PASS 3.86 %
-0.775000 V	-0.7750000	<b>-0.7749994</b>	2.50 ppm	-0.7750089	-0.7749911	-0.73 ppm	9.00 ppm	PASS 6.31 %
-0.800000 V	-0.8000000	<b>-0.7999995</b>	2.48 ppm	-0.8000092	-0.7999908	-0.57 ppm	9.00 ppm	PASS 4.93 %
-0.825000 V	-0.8250000	<b>-0.8249995</b>	2.45 ppm	-0.8250094	-0.8249906	-0.55 ppm	9.00 ppm	PASS 4.82 %
-0.850000 V	-0.8500000	<b>-0.8499995</b>	2.42 ppm	-0.8500097	-0.8499903	-0.55 ppm	9.00 ppm	PASS 4.81 %
-0.875000 V	-0.8750000	<b>-0.8749992</b>	2.40 ppm	-0.87501	-0.87499	-0.93 ppm	9.00 ppm	PASS 8.15 %
-0.900000 V	-0.9000000	<b>-0.8999993</b>	2.38 ppm	-0.9000102	-0.8999898	-0.82 ppm	9.00 ppm	PASS 7.21 %
-0.925000 V	-0.9250000	<b>-0.9249999</b>	2.36 ppm	-0.9250105	-0.9249895	-0.14 ppm	9.00 ppm	PASS 1.28 %
-0.950000 V	-0.9500000	<b>-0.9499998</b>	2.34 ppm	-0.9500108	-0.9499892	-0.23 ppm	9.00 ppm	PASS 2.07 %
-0.975000 V	-0.9750000	<b>-0.9749995</b>	2.32 ppm	-0.975011	-0.974989	-0.52 ppm	9.00 ppm	PASS 4.56 %
-1.000000 V	-1.0000000	<b>-0.9999996</b>	2.30 ppm	-1.000011	-0.9999887	-0.35 ppm	9.00 ppm	PASS 3.14 %
-1.025000 V	-1.0250000	<b>-1.0249993</b>	2.28 ppm	-1.025012	-1.024988	-0.67 ppm	9.00 ppm	PASS 5.97 %

DCV Linearity	10V Range	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
10.250000 V	10.250000	<b>10.2500024</b>	1.04 ppm	10.2499	10.2501	0.23 ppm	9.00 ppm	PASS 2.33 %
10.000000 V	10.000000	<b>10.0000060</b>	1.05 ppm	9.999899	10.0001	0.60 ppm	9.00 ppm	PASS 5.97 %
9.750000 V	9.750000	<b>9.7500062</b>	1.06 ppm	9.749902	9.750098	0.63 ppm	9.00 ppm	PASS 6.31 %
9.500000 V	9.500000	<b>9.5000052</b>	1.06 ppm	9.499904	9.500096	0.55 ppm	9.00 ppm	PASS 5.48 %
9.250000 V	9.250000	<b>9.2500048</b>	1.07 ppm	9.249907	9.250093	0.52 ppm	9.00 ppm	PASS 5.21 %
9.000000 V	9.000000	<b>9.0000042</b>	1.08 ppm	8.999909	9.000091	0.47 ppm	9.00 ppm	PASS 4.63 %
8.750000 V	8.750000	<b>8.7500037</b>	1.09 ppm	8.749912	8.750088	0.42 ppm	9.00 ppm	PASS 4.19 %
8.500000 V	8.500000	<b>8.5000040</b>	1.09 ppm	8.499914	8.500086	0.47 ppm	9.00 ppm	PASS 4.65 %
8.250000 V	8.250000	<b>8.2500028</b>	1.10 ppm	8.249917	8.250083	0.34 ppm	9.00 ppm	PASS 3.41 %
8.000000 V	8.000000	<b>8.0000035</b>	1.11 ppm	7.999919	8.000081	0.44 ppm	9.00 ppm	PASS 4.30 %
7.750000 V	7.750000	<b>7.7500023</b>	1.12 ppm	7.749922	7.750078	0.30 ppm	9.00 ppm	PASS 2.98 %
7.500000 V	7.500000	<b>7.5000017</b>	1.13 ppm	7.499924	7.500076	0.23 ppm	9.00 ppm	PASS 2.28 %

7.250000 V	7.250000	<b>7.2500019</b>	1.14 ppm	7.249926	7.250074	0.26 ppm	9.00 ppm	PASS 2.57 %
7.000000 V	7.000000	<b>7.0000010</b>	1.16 ppm	6.999929	7.000071	0.14 ppm	9.00 ppm	PASS 1.42 %
6.750000 V	6.750000	<b>6.7500013</b>	1.17 ppm	6.749931	6.750069	0.19 ppm	9.00 ppm	PASS 1.84 %
6.500000 V	6.500000	<b>6.5000026</b>	1.18 ppm	6.499934	6.500066	0.40 ppm	9.00 ppm	PASS 3.94 %
6.250000 V	6.250000	<b>6.2500016</b>	1.20 ppm	6.249936	6.250064	0.25 ppm	9.00 ppm	PASS 2.49 %
6.000000 V	6.000000	<b>6.0000013</b>	1.22 ppm	5.999939	6.000061	0.21 ppm	9.00 ppm	PASS 2.07 %
5.750000 V	5.750000	<b>5.7500006</b>	1.23 ppm	5.749941	5.750059	0.10 ppm	9.00 ppm	PASS 0.97 %
5.500000 V	5.500000	<b>5.5000004</b>	1.25 ppm	5.499944	5.500056	0.08 ppm	9.00 ppm	PASS 0.75 %
5.250000 V	5.250000	<b>5.2500004</b>	1.28 ppm	5.249946	5.250054	0.07 ppm	9.00 ppm	PASS 0.72 %
5.000000 V	5.000000	<b>5.0000007</b>	1.30 ppm	4.999949	5.000051	0.14 ppm	9.00 ppm	PASS 1.32 %
4.750000 V	4.750000	<b>4.7500003</b>	1.33 ppm	4.749951	4.750049	0.07 ppm	9.00 ppm	PASS 0.65 %
4.500000 V	4.500000	<b>4.4999999</b>	1.36 ppm	4.499953	4.500047	-0.02 ppm	9.00 ppm	PASS 0.24 %
4.250000 V	4.250000	<b>4.2499989</b>	1.39 ppm	4.249956	4.250044	-0.26 ppm	9.00 ppm	PASS 2.54 %
4.000000 V	4.000000	<b>3.9999993</b>	1.42 ppm	3.999958	4.000042	-0.19 ppm	9.00 ppm	PASS 1.80 %
3.750000 V	3.750000	<b>3.7499988</b>	1.47 ppm	3.749961	3.750039	-0.33 ppm	9.00 ppm	PASS 3.13 %
3.500000 V	3.500000	<b>3.4999988</b>	1.51 ppm	3.499963	3.500037	-0.33 ppm	9.00 ppm	PASS 3.13 %
3.250000 V	3.250000	<b>3.2499980</b>	1.57 ppm	3.249966	3.250034	-0.63 ppm	9.00 ppm	PASS 5.97 %
3.000000 V	3.000000	<b>2.9999981</b>	1.63 ppm	2.999968	3.000032	-0.65 ppm	9.00 ppm	PASS 6.08 %
2.750000 V	2.750000	<b>2.7499979</b>	1.71 ppm	2.749971	2.750029	-0.75 ppm	9.00 ppm	PASS 6.99 %
2.500000 V	2.500000	<b>2.4999976</b>	1.80 ppm	2.499973	2.500027	-0.97 ppm	9.00 ppm	PASS 8.96 %
2.250000 V	2.250000	<b>2.2499979</b>	1.91 ppm	2.249975	2.250025	-0.96 ppm	9.00 ppm	PASS 8.76 %
2.000000 V	2.000000	<b>1.9999983</b>	2.05 ppm	1.999978	2.000022	-0.84 ppm	9.00 ppm	PASS 7.65 %
1.750000 V	1.750000	<b>1.7499987</b>	2.23 ppm	1.74998	1.75002	-0.77 ppm	9.00 ppm	PASS 6.82 %
1.500000 V	1.500000	<b>1.4999984</b>	2.47 ppm	1.499983	1.500017	-1.06 ppm	9.00 ppm	PASS 9.24 %
1.250000 V	1.250000	<b>1.2499990</b>	2.80 ppm	1.249985	1.250015	-0.77 ppm	9.00 ppm	PASS 6.51 %
1.000000 V	1.000000	<b>0.9999988</b>	3.30 ppm	0.9999877	1.000012	-1.20 ppm	9.00 ppm	PASS 9.75 %
0.750000 V	0.750000	<b>0.7499991</b>	4.13 ppm	0.7499902	0.7500098	-1.26 ppm	9.00 ppm	PASS 9.61 %
0.500000 V	0.500000	<b>0.4999991</b>	5.80 ppm	0.4999926	0.5000074	-1.85 ppm	9.00 ppm	PASS 12.49 %
0.250000 V	0.250000	<b>0.2499992</b>	10.80 ppm	0.249995	0.250005	-3.18 ppm	9.00 ppm	PASS 16.08 %
0.100000 V	0.100000	<b>0.0999991</b>	25.80 ppm	0.09999652	0.1000035	-9.06 ppm	9.00 ppm	PASS 26.03 %
-0.100000 V	-0.100000	<b>-0.1000005</b>	25.80 ppm	-0.1000035	-0.09999652	4.73 ppm	9.00 ppm	PASS 13.59 %
-0.250000 V	-0.250000	<b>-0.2500006</b>	10.80 ppm	-0.250005	-0.249995	2.50 ppm	9.00 ppm	PASS 12.65 %
-0.500000 V	-0.500000	<b>-0.5000001</b>	5.80 ppm	-0.5000074	-0.4999926	0.29 ppm	9.00 ppm	PASS 1.95 %
-0.750000 V	-0.750000	<b>-0.7500004</b>	4.13 ppm	-0.7500098	-0.7499902	0.56 ppm	9.00 ppm	PASS 4.29 %
-1.000000 V	-1.000000	<b>-1.0000007</b>	3.30 ppm	-1.000012	-0.9999877	0.68 ppm	9.00 ppm	PASS 5.53 %
-1.250000 V	-1.250000	<b>-1.2500008</b>	2.80 ppm	-1.250015	-1.249985	0.68 ppm	9.00 ppm	PASS 5.76 %
-1.500000 V	-1.500000	<b>-1.5000011</b>	2.47 ppm	-1.500017	-1.499983	0.72 ppm	9.00 ppm	PASS 6.28 %
-1.750000 V	-1.750000	<b>-1.7500015</b>	2.23 ppm	-1.75002	-1.74998	0.86 ppm	9.00 ppm	PASS 7.68 %
-2.000000 V	-2.000000	<b>-2.0000017</b>	2.05 ppm	-2.000022	-1.999978	0.87 ppm	9.00 ppm	PASS 7.87 %
-2.250000 V	-2.250000	<b>-2.2500026</b>	1.91 ppm	-2.250025	-2.249975	1.16 ppm	9.00 ppm	PASS 10.67 %
-2.500000 V	-2.500000	<b>-2.5000025</b>	1.80 ppm	-2.500027	-2.499973	1.00 ppm	9.00 ppm	PASS 9.30 %
-2.750000 V	-2.750000	<b>-2.7500031</b>	1.71 ppm	-2.750029	-2.749971	1.14 ppm	9.00 ppm	PASS 10.63 %
-3.000000 V	-3.000000	<b>-3.0000035</b>	1.63 ppm	-3.000032	-2.999968	1.16 ppm	9.00 ppm	PASS 10.94 %
-3.250000 V	-3.250000	<b>-3.2500032</b>	1.57 ppm	-3.250034	-3.249966	0.97 ppm	9.00 ppm	PASS 9.20 %
-3.500000 V	-3.500000	<b>-3.5000033</b>	1.51 ppm	-3.500037	-3.499963	0.95 ppm	9.00 ppm	PASS 9.03 %
-3.750000 V	-3.750000	<b>-3.7500033</b>	1.47 ppm	-3.750039	-3.749961	0.88 ppm	9.00 ppm	PASS 8.38 %



-4.00000 V	-4.00000	<b>-4.000031</b>	1.42 ppm	-4.00042	-3.99958	0.77 ppm	9.00 ppm	PASS 7.44 %
-4.25000 V	-4.25000	<b>-4.250024</b>	1.39 ppm	-4.25044	-4.24956	0.56 ppm	9.00 ppm	PASS 5.41 %
-4.50000 V	-4.50000	<b>-4.500024</b>	1.36 ppm	-4.50047	-4.49953	0.54 ppm	9.00 ppm	PASS 5.21 %
-4.75000 V	-4.75000	<b>-4.750023</b>	1.33 ppm	-4.75049	-4.74951	0.49 ppm	9.00 ppm	PASS 4.73 %
-5.00000 V	-5.00000	<b>-5.000017</b>	1.30 ppm	-5.00051	-4.99949	0.34 ppm	9.00 ppm	PASS 3.32 %
-5.25000 V	-5.25000	<b>-5.250022</b>	1.28 ppm	-5.25054	-5.24946	0.41 ppm	9.00 ppm	PASS 3.98 %
-5.50000 V	-5.50000	<b>-5.500018</b>	1.25 ppm	-5.50056	-5.49944	0.33 ppm	9.00 ppm	PASS 3.23 %
-5.75000 V	-5.75000	<b>-5.750022</b>	1.23 ppm	-5.75059	-5.74941	0.39 ppm	9.00 ppm	PASS 3.79 %
-6.00000 V	-6.00000	<b>-6.000020</b>	1.22 ppm	-6.00061	-5.99939	0.33 ppm	9.00 ppm	PASS 3.23 %
-6.25000 V	-6.25000	<b>-6.250021</b>	1.20 ppm	-6.25064	-6.24936	0.33 ppm	9.00 ppm	PASS 3.25 %
-6.50000 V	-6.50000	<b>-6.500017</b>	1.18 ppm	-6.50066	-6.49934	0.26 ppm	9.00 ppm	PASS 2.58 %
-6.75000 V	-6.75000	<b>-6.750021</b>	1.17 ppm	-6.75069	-6.74931	0.31 ppm	9.00 ppm	PASS 3.02 %
-7.00000 V	-7.00000	<b>-7.000021</b>	1.16 ppm	-7.00071	-6.99929	0.31 ppm	9.00 ppm	PASS 3.01 %
-7.25000 V	-7.25000	<b>-7.250036</b>	1.14 ppm	-7.25074	-7.24926	0.49 ppm	9.00 ppm	PASS 4.84 %
-7.50000 V	-7.50000	<b>-7.500022</b>	1.13 ppm	-7.50076	-7.49924	0.29 ppm	9.00 ppm	PASS 2.84 %
-7.75000 V	-7.75000	<b>-7.750033</b>	1.12 ppm	-7.75078	-7.74922	0.43 ppm	9.00 ppm	PASS 4.22 %
-8.00000 V	-8.00000	<b>-8.000036</b>	1.11 ppm	-8.00081	-7.99919	0.45 ppm	9.00 ppm	PASS 4.45 %
-8.25000 V	-8.25000	<b>-8.250032</b>	1.10 ppm	-8.25083	-8.24917	0.39 ppm	9.00 ppm	PASS 3.85 %
-8.50000 V	-8.50000	<b>-8.500039</b>	1.09 ppm	-8.50086	-8.49914	0.45 ppm	9.00 ppm	PASS 4.50 %
-8.75000 V	-8.75000	<b>-8.750035</b>	1.09 ppm	-8.75088	-8.74912	0.40 ppm	9.00 ppm	PASS 4.01 %
-9.00000 V	-9.00000	<b>-9.000038</b>	1.08 ppm	-9.00091	-8.99909	0.42 ppm	9.00 ppm	PASS 4.17 %
-9.25000 V	-9.25000	<b>-9.250033</b>	1.07 ppm	-9.25093	-9.24907	0.35 ppm	9.00 ppm	PASS 3.50 %
-9.50000 V	-9.50000	<b>-9.500049</b>	1.06 ppm	-9.50096	-9.49904	0.51 ppm	9.00 ppm	PASS 5.10 %
-9.75000 V	-9.75000	<b>-9.750044</b>	1.06 ppm	-9.75098	-9.74902	0.45 ppm	9.00 ppm	PASS 4.47 %
-10.00000 V	-10.00000	<b>-10.000047</b>	1.05 ppm	-10.0001	-9.99899	0.47 ppm	9.00 ppm	PASS 4.68 %
-10.25000 V	-10.25000	<b>-10.250061</b>	1.04 ppm	-10.2501	-10.2499	0.60 ppm	9.00 ppm	PASS 5.93 %

DCV Linearity	100V Range	DUT	Source unc.	Low Limit	Hi limit	Measured	24h spec	Result
102.5000 V	102.5000	<b>102.50025</b>	1.99 ppm	102.49887	102.50113	2.43 ppm	9.00 ppm	PASS 21.80 %
100.0000 V	100.0000	<b>100.00036</b>	2.00 ppm	99.9989	100.0011	3.63 ppm	9.00 ppm	PASS 33.00 %
97.5000 V	97.5000	<b>97.50042</b>	2.01 ppm	97.498927	97.501073	4.29 ppm	9.00 ppm	PASS 38.99 %
95.0000 V	95.0000	<b>95.00036</b>	2.02 ppm	94.998953	95.001047	3.79 ppm	9.00 ppm	PASS 34.43 %
92.5000 V	92.5000	<b>92.50039</b>	2.03 ppm	92.49898	92.50102	4.17 ppm	9.00 ppm	PASS 37.81 %
90.0000 V	90.0000	<b>90.00038</b>	2.04 ppm	89.999006	90.000994	4.26 ppm	9.00 ppm	PASS 38.62 %
87.5000 V	87.5000	<b>87.50039</b>	2.06 ppm	87.499032	87.500968	4.44 ppm	9.00 ppm	PASS 40.14 %
85.0000 V	85.0000	<b>85.00033</b>	2.07 ppm	84.999059	85.000941	3.84 ppm	9.00 ppm	PASS 34.70 %
82.5000 V	82.5000	<b>82.50039</b>	2.08 ppm	82.499086	82.500914	4.67 ppm	9.00 ppm	PASS 42.18 %
80.0000 V	80.0000	<b>80.00036</b>	2.10 ppm	79.999112	80.000888	4.49 ppm	9.00 ppm	PASS 40.41 %
77.5000 V	77.5000	<b>77.50035</b>	2.12 ppm	77.499138	77.500862	4.48 ppm	9.00 ppm	PASS 40.26 %
75.0000 V	75.0000	<b>75.00034</b>	2.13 ppm	74.999165	75.000835	4.53 ppm	9.00 ppm	PASS 40.68 %
72.5000 V	72.5000	<b>72.50030</b>	2.15 ppm	72.499192	72.500808	4.17 ppm	9.00 ppm	PASS 37.37 %
70.0000 V	70.0000	<b>70.00034</b>	2.17 ppm	69.999218	70.000782	4.86 ppm	9.00 ppm	PASS 43.51 %
67.5000 V	67.5000	<b>67.50026</b>	2.19 ppm	67.499245	67.500755	3.88 ppm	9.00 ppm	PASS 34.63 %
65.0000 V	65.0000	<b>65.00029</b>	2.22 ppm	64.999271	65.000729	4.54 ppm	9.00 ppm	PASS 40.42 %
62.5000 V	62.5000	<b>62.50033</b>	2.24 ppm	62.499297	62.500703	5.32 ppm	9.00 ppm	PASS 47.29 %
60.0000 V	60.0000	<b>60.00028</b>	2.27 ppm	59.999324	60.000676	4.72 ppm	9.00 ppm	PASS 41.85 %
57.5000 V	57.5000	<b>57.50028</b>	2.30 ppm	57.49935	57.50065	4.83 ppm	9.00 ppm	PASS 42.71 %

55.0000 V	55.0000	55.00026	2.33 ppm	54.999377	55.000623	4.67 ppm	9.00 ppm	PASS 41.21 %
52.5000 V	52.5000	52.50022	2.36 ppm	52.499404	52.500596	4.23 ppm	9.00 ppm	PASS 37.22 %
50.0000 V	50.0000	50.00021	2.40 ppm	49.99943	50.00057	4.12 ppm	9.00 ppm	PASS 36.16 %
47.5000 V	47.5000	47.50023	2.44 ppm	47.499457	47.500543	4.75 ppm	9.00 ppm	PASS 41.50 %
45.0000 V	45.0000	45.00021	2.49 ppm	44.999483	45.000517	4.56 ppm	9.00 ppm	PASS 39.67 %
42.5000 V	42.5000	42.50018	2.54 ppm	42.49951	42.50049	4.15 ppm	9.00 ppm	PASS 35.93 %
40.0000 V	40.0000	40.00020	2.60 ppm	39.999536	40.000464	4.96 ppm	9.00 ppm	PASS 42.76 %
37.5000 V	37.5000	37.50019	2.67 ppm	37.499562	37.500438	5.14 ppm	9.00 ppm	PASS 44.03 %
35.0000 V	35.0000	35.00016	2.74 ppm	34.999589	35.000411	4.54 ppm	9.00 ppm	PASS 38.65 %
32.5000 V	32.5000	32.50015	2.83 ppm	32.499616	32.500384	4.74 ppm	9.00 ppm	PASS 40.05 %
30.0000 V	30.0000	30.00014	2.93 ppm	29.999642	30.000358	4.81 ppm	9.00 ppm	PASS 40.35 %
27.5000 V	27.5000	27.50012	3.05 ppm	27.499669	27.500331	4.45 ppm	9.00 ppm	PASS 36.94 %
25.0000 V	25.0000	25.00013	3.20 ppm	24.999695	25.000305	5.04 ppm	9.00 ppm	PASS 41.31 %
22.5000 V	22.5000	22.50012	3.38 ppm	22.499721	22.500279	5.44 ppm	9.00 ppm	PASS 43.94 %
20.0000 V	20.0000	20.00010	3.60 ppm	19.999748	20.000252	5.20 ppm	9.00 ppm	PASS 41.27 %
17.5000 V	17.5000	17.50009	3.89 ppm	17.499774	17.500226	5.11 ppm	9.00 ppm	PASS 39.63 %
15.0000 V	15.0000	15.00010	4.27 ppm	14.999801	15.000199	6.72 ppm	9.00 ppm	PASS 50.64 %
12.5000 V	12.5000	12.50009	4.80 ppm	12.499828	12.500172	7.05 ppm	9.00 ppm	PASS 51.07 %
10.0000 V	10.0000	10.00007	5.60 ppm	9.999854	10.000146	7.43 ppm	9.00 ppm	PASS 50.89 %
7.5000 V	7.5000	7.50009	6.93 ppm	7.4998805	7.5001195	12.01 ppm	9.00 ppm	PASS 75.38 %
5.0000 V	5.0000	5.00006	9.60 ppm	4.999907	5.000093	11.01 ppm	9.00 ppm	PASS 59.22 %
2.5000 V	2.5000	2.50005	17.60 ppm	2.4999335	2.5000665	18.53 ppm	9.00 ppm	PASS 69.65 %
-2.5000 V	-2.5000	-2.49997	17.60 ppm	-2.5000665	-2.4999335	-11.63 ppm	9.00 ppm	PASS 43.73 %
-5.0000 V	-5.0000	-4.99998	9.60 ppm	-5.000093	-4.999907	-4.86 ppm	9.00 ppm	PASS 26.14 %
-7.5000 V	-7.5000	-7.50000	6.93 ppm	-7.5001195	-7.4998805	-0.24 ppm	9.00 ppm	PASS 1.51 %
-10.0000 V	-10.0000	-10.00001	5.60 ppm	-10.000146	-9.999854	1.11 ppm	9.00 ppm	PASS 7.60 %
-12.5000 V	-12.5000	-12.50001	4.80 ppm	-12.500172	-12.499828	0.72 ppm	9.00 ppm	PASS 5.22 %
-15.0000 V	-15.0000	-15.00003	4.27 ppm	-15.000199	-14.999801	2.09 ppm	9.00 ppm	PASS 15.77 %
-17.5000 V	-17.5000	-17.50004	3.89 ppm	-17.500226	-17.499774	2.09 ppm	9.00 ppm	PASS 16.18 %
-20.0000 V	-20.0000	-20.00004	3.60 ppm	-20.000252	-19.999748	2.20 ppm	9.00 ppm	PASS 17.50 %
-22.5000 V	-22.5000	-22.50006	3.38 ppm	-22.500279	-22.499721	2.66 ppm	9.00 ppm	PASS 21.50 %
-25.0000 V	-25.0000	-25.00008	3.20 ppm	-25.000305	-24.999695	3.24 ppm	9.00 ppm	PASS 26.56 %
-27.5000 V	-27.5000	-27.50008	3.05 ppm	-27.500331	-27.499669	3.05 ppm	9.00 ppm	PASS 25.32 %
-30.0000 V	-30.0000	-30.00010	2.93 ppm	-30.000358	-29.999642	3.17 ppm	9.00 ppm	PASS 26.54 %
-32.5000 V	-32.5000	-32.50013	2.83 ppm	-32.500384	-32.499616	4.00 ppm	9.00 ppm	PASS 33.81 %
-35.0000 V	-35.0000	-35.00014	2.74 ppm	-35.000411	-34.999589	3.99 ppm	9.00 ppm	PASS 34.02 %
-37.5000 V	-37.5000	-37.50017	2.67 ppm	-37.500438	-37.499562	4.65 ppm	9.00 ppm	PASS 39.81 %
-40.0000 V	-40.0000	-40.00012	2.60 ppm	-40.000464	-39.999536	2.96 ppm	9.00 ppm	PASS 25.50 %
-42.5000 V	-42.5000	-42.50013	2.54 ppm	-42.50049	-42.49951	2.95 ppm	9.00 ppm	PASS 25.55 %
-45.0000 V	-45.0000	-45.00013	2.49 ppm	-45.000517	-44.999483	2.98 ppm	9.00 ppm	PASS 25.97 %
-47.5000 V	-47.5000	-47.50018	2.44 ppm	-47.500543	-47.499457	3.74 ppm	9.00 ppm	PASS 32.70 %
-50.0000 V	-50.0000	-50.00016	2.40 ppm	-50.00057	-49.99943	3.28 ppm	9.00 ppm	PASS 28.77 %
-52.5000 V	-52.5000	-52.50018	2.36 ppm	-52.500596	-52.499404	3.44 ppm	9.00 ppm	PASS 30.26 %
-55.0000 V	-55.0000	-55.00020	2.33 ppm	-55.000623	-54.999377	3.67 ppm	9.00 ppm	PASS 32.38 %
-57.5000 V	-57.5000	-57.50020	2.30 ppm	-57.50065	-57.49935	3.45 ppm	9.00 ppm	PASS 30.49 %
-60.0000 V	-60.0000	-60.00023	2.27 ppm	-60.000676	-59.999324	3.87 ppm	9.00 ppm	PASS 34.37 %

-62.5000 V	-62.5000	<b>-62.50023</b>	2.24 ppm	-62.500703	-62.499297	3.72 ppm	9.00 ppm	PASS 33.07 %
-65.0000 V	-65.0000	<b>-65.00025</b>	2.22 ppm	-65.000729	-64.999271	3.77 ppm	9.00 ppm	PASS 33.61 %
-67.5000 V	-67.5000	<b>-67.50023</b>	2.19 ppm	-67.500755	-67.499245	3.37 ppm	9.00 ppm	PASS 30.15 %
-70.0000 V	-70.0000	<b>-70.00020</b>	2.17 ppm	-70.000782	-69.999218	2.83 ppm	9.00 ppm	PASS 25.36 %
-72.5000 V	-72.5000	<b>-72.50023</b>	2.15 ppm	-72.500808	-72.499192	3.23 ppm	9.00 ppm	PASS 28.97 %
-75.0000 V	-75.0000	<b>-75.00030</b>	2.13 ppm	-75.000835	-74.999165	4.02 ppm	9.00 ppm	PASS 36.08 %
-77.5000 V	-77.5000	<b>-77.50026</b>	2.12 ppm	-77.500862	-77.499138	3.32 ppm	9.00 ppm	PASS 29.89 %
-80.0000 V	-80.0000	<b>-80.00030</b>	2.10 ppm	-80.000888	-79.999112	3.80 ppm	9.00 ppm	PASS 34.23 %
-82.5000 V	-82.5000	<b>-82.50032</b>	2.08 ppm	-82.500914	-82.499086	3.89 ppm	9.00 ppm	PASS 35.14 %
-85.0000 V	-85.0000	<b>-85.00027</b>	2.07 ppm	-85.000941	-84.999059	3.14 ppm	9.00 ppm	PASS 28.41 %
-87.5000 V	-87.5000	<b>-87.50031</b>	2.06 ppm	-87.500968	-87.499032	3.53 ppm	9.00 ppm	PASS 31.91 %
-90.0000 V	-90.0000	<b>-90.00032</b>	2.04 ppm	-90.000994	-89.999006	3.53 ppm	9.00 ppm	PASS 31.99 %
-92.5000 V	-92.5000	<b>-92.50035</b>	2.03 ppm	-92.50102	-92.49898	3.81 ppm	9.00 ppm	PASS 34.58 %
-95.0000 V	-95.0000	<b>-95.00037</b>	2.02 ppm	-95.001047	-94.998953	3.91 ppm	9.00 ppm	PASS 35.47 %
-97.5000 V	-97.5000	<b>-97.50041</b>	2.01 ppm	-97.501073	-97.498927	4.17 ppm	9.00 ppm	PASS 37.86 %
-100.0000 V	-100.0000	<b>-100.00040</b>	2.00 ppm	-100.0011	-99.9989	4.02 ppm	9.00 ppm	PASS 42.32 %
-102.5000 V	-102.5000	<b>-102.50044</b>	1.99 ppm	-102.50113	-102.49887	4.33 ppm	9.00 ppm	PASS 39.97 %

Test date	10 September 2020 16:37
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Lab temperature maintained +24°C ±2°C

Internal use only

Not validated