

Calibration Certificate No. 9261/V

Manufacturer: Meatest**Model Type Number:** M133C**Serial Number:** 557141**Customer:****Date of Calibration:** 22.6.2021**Place of Calibration:** Calibration laboratory Meatest, Zelezna 3, CZ-619 00 Brno**Number of Pages:** 15**Page:** 1

The instrument has been calibrated in accordance with the manufacturer's User's manual using standards that are traceable to National or International Standards or have been derived by approved ratio techniques.

The measurement uncertainties stated in this document have been determined according EA-4/02. They were estimated as expanded uncertainty obtained multiplying the standard uncertainty by the coverage factor $k=2$ with confidence level of 95%.

The measurement results relate only to the calibrated items and do not carry any implication regarding long term stability of the instrument.

Seal	Date of Issue	Head of Calibration Laboratory	Person in Charge
	22.6.2021	Ing. Karel Volný	Michal Kalina

Range of Calibration:	AC/DC voltage, AC/DC current, frequency, AC/DC power, phase.	
Calibration Conditions:	Temperature	$(21.5 \pm 1) ^\circ\text{C}$
	Humidity	$(37 \pm 15) \%$
Calibration Procedure:	Automatic calibration according to the test procedure 133CSWT2A	
Applied Standards:	Direct measurement multimeter Agilent 3458A SN: MY45049829 Switch M203 SN: 690041	

The following pages contain the calibration results with column indicating the instrument performance relative to the stated specification.

The column headed "%spe" is the measured error as percentage of the stated specification with no allowance being made for the calibration uncertainty.

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
SOURCE CHANNEL 1								
SIN mode, DC/AC Voltage								
VDC	10 V	1.000168 V	1.000000 V	-0.168 mV	-15	1.150 mV	0.021 mV	ok
VDC	10 V	5.00016 V	5.00000 V	-0.16 mV	-9	1.75 mV	0.10 mV	ok
VDC	10 V	9.99998 V	10.00000 V	0.02 mV	1	2.50 mV	0.20 mV	ok
VDC	10 V	-1.000000 V	-1.000000 V	0.000 mV	0	1.150 mV	0.021 mV	ok
VDC	10 V	-9.99989 V	-10.00000 V	-0.11 mV	-4	2.50 mV	0.20 mV	ok
VDC	30 V	10.99965 V	11.00000 V	0.35 mV	7	4.65 mV	0.24 mV	ok
VDC	30 V	29.99861 V	30.00000 V	1.39 mV	19	7.50 mV	0.63 mV	ok
VDC	30 V	-10.99953 V	-11.00000 V	-0.47 mV	-10	4.65 mV	0.24 mV	ok
VDC	30 V	-29.99856 V	-30.00000 V	-1.44 mV	-19	7.50 mV	0.64 mV	ok
VDC	70 V	30.99926 V	31.00000 V	0.74 mV	6	11.65 mV	0.67 mV	ok
VDC	70 V	69.9980 V	70.0000 V	2.0 mV	12	17.5 mV	1.5 mV	ok
VDC	70 V	-30.99886 V	-31.00000 V	-1.14 mV	-10	11.65 mV	0.68 mV	ok
VDC	70 V	-69.9975 V	-70.0000 V	-2.5 mV	-14	17.5 mV	1.5 mV	ok
VDC	140 V	70.9981 V	71.0000 V	1.9 mV	8	24.7 mV	1.5 mV	ok
VDC	140 V	139.9974 V	140.0000 V	2.6 mV	7	35.0 mV	3.0 mV	ok
VDC	140 V	-70.9976 V	-71.0000 V	-2.4 mV	-10	24.7 mV	1.5 mV	ok
VDC	140 V	-139.9956 V	-140.0000 V	-4.4 mV	-13	35.0 mV	3.0 mV	ok
VDC	280 V	140.9979 V	141.0000 V	2.1 mV	4	49.2 mV	3.0 mV	ok
VDC	280 V	279.9935 V	280.0000 V	6.5 mV	9	70.0 mV	5.9 mV	ok
VDC	280 V	-140.9951 V	-141.0000 V	-4.9 mV	-10	49.2 mV	3.0 mV	ok
VDC	280 V	-279.9924 V	-280.0000 V	-7.6 mV	-11	70.0 mV	6.0 mV	ok
VAC	10 V	0.99987 V; 40Hz	1.00000 V	0.13 mV	11	1.12 mV	0.12 mV	ok
VAC	10 V	4.99985 V; 40Hz	5.00000 V	0.15 mV	9	1.60 mV	0.59 mV	ok
VAC	10 V	10.0001 V; 15Hz	10.0000 V	-0.1 mV	-2	2.6 mV	1.2 mV	ok
VAC	10 V	9.9998 V; 70Hz	10.0000 V	0.2 mV	8	2.2 mV	1.2 mV	ok
VAC	10 V	10.0000 V; 1kHz	10.0000 V	-0.0 mV	0	2.6 mV	1.2 mV	ok
VAC	30 V	10.9995 V; 40Hz	11.0000 V	0.5 mV	12	4.3 mV	1.3 mV	ok
VAC	30 V	29.9994 V; 15Hz	30.0000 V	0.6 mV	7	7.8 mV	3.6 mV	ok
VAC	30 V	29.9985 V; 70Hz	30.0000 V	1.5 mV	23	6.6 mV	3.6 mV	ok
VAC	30 V	29.9992 V; 1kHz	30.0000 V	0.8 mV	10	7.8 mV	3.7 mV	ok
VAC	70 V	30.9985 V; 40Hz	31.0000 V	1.5 mV	14	10.7 mV	3.7 mV	ok
VAC	70 V	69.9999 V; 15Hz	70.0000 V	0.1 mV	1	18.2 mV	8.3 mV	ok
VAC	70 V	69.9976 V; 70Hz	70.0000 V	2.4 mV	16	15.4 mV	8.3 mV	ok
VAC	70 V	69.9986 V; 1kHz	70.0000 V	1.4 mV	8	18.2 mV	8.6 mV	ok
VAC	140 V	70.9978 V; 40Hz	71.0000 V	2.2 mV	10	22.5 mV	8.5 mV	ok
VAC	140 V	140.001 V; 15Hz	140.000 V	-1 mV	-4	36 mV	17 mV	ok
VAC	140 V	139.996 V; 70Hz	140.000 V	4 mV	12	31 mV	17 mV	ok
VAC	140 V	140.000 V; 1kHz	140.000 V	0 mV	0	36 mV	17 mV	ok
VAC	280 V	140.997 V; 40Hz	141.000 V	3 mV	7	45 mV	17 mV	ok
VAC	280 V	199.995 V; 40Hz	200.000 V	5 mV	9	52 mV	24 mV	ok
VAC	280 V	280.004 V; 15Hz	280.000 V	-4 mV	-6	73 mV	33 mV	ok
VAC	280 V	279.994 V; 70Hz	280.000 V	6 mV	10	62 mV	33 mV	ok
VAC	280 V	279.997 V; 1kHz	280.000 V	3 mV	4	73 mV	34 mV	ok
VAC	600 V	299.994 V; 40Hz	300.000 V	6 mV	6	108 mV	36 mV	ok
VAC	600 V	299.977 V; 1kHz	300.000 V	23 mV	17	132 mV	37 mV	ok
VAC	600 V	449.982 V; 55Hz	450.000 V	18 mV	13	132 mV	54 mV	ok
VAC	600 V	599.980 V; 20Hz	600.000 V	20 mV	10	204 mV	71 mV	ok
VAC	600 V	599.972 V; 70Hz	600.000 V	28 mV	18	156 mV	71 mV	ok
SIN mode, DC/AC Current								
IDC	300 mA	8.01124 mA	8.00000 mA	-11.24 uA	-36	31.40 uA	0.43 uA	ok
IDC	300 mA	30.00627 mA	30.00000 mA	-6.27 uA	-18	35.25 uA	0.61 uA	ok
IDC	300 mA	80.0130 mA	80.0000 mA	-13.0 uA	-30	44.0 uA	2.1 uA	ok
IDC	300 mA	110.0144 mA	110.0000 mA	-14.4 uA	-29	49.3 uA	2.8 uA	ok
IDC	300 mA	160.0145 mA	160.0000 mA	-14.5 uA	-25	58.0 uA	3.9 uA	ok
IDC	300 mA	210.0144 mA	210.0000 mA	-14.4 uA	-22	66.8 uA	5.1 uA	ok
IDC	300 mA	260.0133 mA	260.0000 mA	-13.3 uA	-18	75.5 uA	6.3 uA	ok
IDC	300 mA	300.0123 mA	300.0000 mA	-12.3 uA	-15	82.5 uA	7.2 uA	ok
IDC	300 mA	-8.00440 mA	-8.00000 mA	4.40 uA	14	31.40 uA	0.53 uA	ok
IDC	300 mA	-29.99879 mA	-30.00000 mA	-1.21 uA	-3	35.25 uA	0.64 uA	ok
IDC	300 mA	-300.0071 mA	-300.0000 mA	7.1 uA	9	82.5 uA	7.3 uA	ok
IDC	1 A	0.3100288 A	0.3100000 A	-0.0288 mA	-19	0.1543 mA	0.0075 mA	ok
IDC	1 A	-0.3100097 A	-0.3100000 A	0.0097 mA	6	0.1543 mA	0.0076 mA	ok
IDC	1 A	1.000006 A	1.000000 A	-0.006 mA	-2	0.275 mA	0.026 mA	ok
IDC	1 A	-0.999980 A	-1.000000 A	-0.020 mA	-7	0.275 mA	0.026 mA	ok
IDC	2 A	1.100024 A	1.100000 A	-0.024 mA	-6	0.393 mA	0.035 mA	ok
IDC	2 A	1.800021 A	1.800000 A	-0.021 mA	-4	0.515 mA	0.056 mA	ok
IDC	2 A	-1.099977 A	-1.100000 A	-0.023 mA	-6	0.393 mA	0.035 mA	ok
IDC	2 A	-1.799973 A	-1.800000 A	-0.027 mA	-5	0.515 mA	0.056 mA	ok
IDC	5 A	2.10019 A	2.10000 A	-0.19 mA	-22	0.87 mA	0.10 mA	ok
IDC	5 A	4.99997 A	5.00000 A	0.03 mA	2	1.38 mA	0.24 mA	ok
IDC	5 A	-2.10012 A	-2.10000 A	0.12 mA	13	0.87 mA	0.10 mA	ok
IDC	5 A	-4.99994 A	-5.00000 A	-0.06 mA	-4	1.38 mA	0.24 mA	ok
IDC	10 A	5.10002 A	5.10000 A	-0.02 mA	-1	2.57 mA	0.20 mA	ok
IDC	10 A	9.99976 A	10.00000 A	0.24 mA	7	3.60 mA	0.39 mA	ok
IDC	10 A	-5.10001 A	-5.10000 A	0.01 mA	0	2.57 mA	0.20 mA	ok
IDC	10 A	-9.99970 A	-10.00000 A	-0.30 mA	-8	3.60 mA	0.39 mA	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
IDC	30 A	10.10231 A	10.10000 A	-2.31 mA	-33	6.97 mA	0.44 mA	ok
IDC	30 A	-10.10209 A	-10.10000 A	2.09 mA	30	6.97 mA	0.44 mA	ok
IDC	30 A	30.0006 A	30.0000 A	-0.6 mA	-5	11.9 mA	1.4 mA	ok
IDC	30 A	-30.0005 A	-30.0000 A	0.5 mA	4	11.9 mA	1.4 mA	ok
IAC	300 mA	10.0040 mA; 40Hz	10.0000 mA	-4.0 uA	-12	31.8 uA	1.2 uA	ok
IAC	300 mA	10.0090 mA; 1kHz	10.0000 mA	-9.0 uA	-15	62.1 uA	1.2 uA	ok
IAC	300 mA	30.0013 mA; 40Hz	30.0000 mA	-1.3 uA	-4	35.3 uA	3.5 uA	ok
IAC	300 mA	300.029 mA; 15Hz	300.000 mA	-29 uA	-23	123 uA	36 uA	ok
IAC	300 mA	300.015 mA; 70Hz	300.000 mA	-15 uA	-18	83 uA	36 uA	ok
IAC	300 mA	300.019 mA; 1kHz	300.000 mA	-19 uA	-16	123 uA	36 uA	ok
IAC	1 A	0.310018 A; 40Hz	0.310000 A	-0.018 mA	-11	0.154 mA	0.037 mA	ok
IAC	1 A	0.310031 A; 1kHz	0.310000 A	-0.031 mA	-12	0.265 mA	0.037 mA	ok
IAC	1 A	1.00004 A; 15Hz	1.00000 A	-0.04 mA	-11	0.41 mA	0.12 mA	ok
IAC	1 A	1.00001 A; 70Hz	1.00000 A	-0.01 mA	-3	0.28 mA	0.12 mA	ok
IAC	1 A	0.99999 A; 1kHz	1.00000 A	0.01 mA	2	0.41 mA	0.12 mA	ok
IAC	2 A	1.10005 A; 40Hz	1.10000 A	-0.05 mA	-13	0.39 mA	0.13 mA	ok
IAC	2 A	1.10004 A; 1kHz	1.10000 A	-0.04 mA	-7	0.63 mA	0.13 mA	ok
IAC	2 A	1.80015 A; 15Hz	1.80000 A	-0.15 mA	-19	0.78 mA	0.22 mA	ok
IAC	2 A	1.80007 A; 70Hz	1.80000 A	-0.07 mA	-13	0.52 mA	0.22 mA	ok
IAC	2 A	1.80002 A; 1kHz	1.80000 A	-0.02 mA	-3	0.78 mA	0.22 mA	ok
IAC	5 A	2.10018 A; 40Hz	2.10000 A	-0.18 mA	-21	0.87 mA	0.27 mA	ok
IAC	5 A	2.10023 A; 1kHz	2.10000 A	-0.23 mA	-16	1.44 mA	0.27 mA	ok
IAC	5 A	5.00022 A; 15Hz	5.00000 A	-0.22 mA	-11	2.05 mA	0.65 mA	ok
IAC	5 A	5.00004 A; 70Hz	5.00000 A	-0.04 mA	-3	1.38 mA	0.65 mA	ok
IAC	10 A	5.10012 A; 40Hz	5.10000 A	-0.12 mA	-5	2.57 mA	0.64 mA	ok
IAC	10 A	10.0004 A; 15Hz	10.0000 A	-0.4 mA	-8	4.8 mA	1.3 mA	ok
IAC	10 A	10.0002 A; 70Hz	10.0000 A	-0.2 mA	-5	3.6 mA	1.3 mA	ok
IAC	10 A	10.0003 A; 1kHz	10.0000 A	-0.3 mA	-6	6.0 mA	1.3 mA	ok
IAC	30 A	10.1022 A; 40Hz	10.1000 A	-2.2 mA	-31	7.0 mA	1.3 mA	ok
IAC	30 A	30.0014 A; 15Hz	30.0000 A	-1.4 mA	-9	16.5 mA	3.9 mA	ok
IAC	30 A	29.9998 A; 70Hz	30.0000 A	0.2 mA	1	11.9 mA	3.9 mA	ok
IAC	30 A	30.0046 A; 1kHz	30.0000 A	-4.6 mA	-22	21.0 mA	3.9 mA	ok

Frequency

FREQ	1 kHz	0.0600007 kHz; 10V	0.0600000 kHz	-0.0007 Hz	-22	0.0030 Hz	0.0011 Hz	ok
FREQ	1 kHz	0.5000064 kHz; 10V	0.5000000 kHz	-0.0064 Hz	-26	0.0250 Hz	0.0058 Hz	ok
FREQ	1 kHz	1.000012 kHz; 10V	1.000000 kHz	-0.012 Hz	-24	0.050 Hz	0.012 Hz	ok

Modulation mode, AC Voltage/Current amplitude

VAC-MOD	10 V	0.99988 V; 50Hz	1.00000 V	0.12 mV	1	20.00 mV	0.12 mV	ok
VAC-MOD	10 V	9.9996 V; 60Hz	10.0000 V	0.4 mV	2	20.0 mV	1.2 mV	ok
VAC-MOD	30 V	10.9993 V; 50Hz	11.0000 V	0.7 mV	1	60.0 mV	1.3 mV	ok
VAC-MOD	30 V	29.9973 V; 60Hz	30.0000 V	2.7 mV	4	60.0 mV	3.6 mV	ok
VAC-MOD	70 V	30.9975 V; 50Hz	31.0000 V	2.5 mV	2	140.0 mV	3.7 mV	ok
VAC-MOD	70 V	69.9946 V; 60Hz	70.0000 V	5.4 mV	4	140.0 mV	8.3 mV	ok
VAC-MOD	140 V	70.9975 V; 50Hz	71.0000 V	2.5 mV	1	280.0 mV	8.5 mV	ok
VAC-MOD	140 V	139.993 V; 60Hz	140.000 V	7 mV	2	280 mV	17 mV	ok
VAC-MOD	280 V	140.994 V; 50Hz	141.000 V	6 mV	1	560 mV	17 mV	ok
VAC-MOD	280 V	279.990 V; 60Hz	280.000 V	10 mV	2	560 mV	33 mV	ok
IAC-MOD	300 mA	30.0019 mA; 50Hz	30.0000 mA	-1.9 uA	0	600.0 uA	3.5 uA	ok
IAC-MOD	300 mA	300.018 mA; 60Hz	300.000 mA	-18 uA	-3	600 uA	36 uA	ok
IAC-MOD	1 A	0.400033 A; 50Hz	0.400000 A	-0.033 mA	-2	2.000 mA	0.048 mA	ok
IAC-MOD	1 A	1.00002 A; 60Hz	1.00000 A	-0.02 mA	-1	2.00 mA	0.12 mA	ok
IAC-MOD	2 A	1.10004 A; 50Hz	1.10000 A	-0.04 mA	-1	4.00 mA	0.13 mA	ok
IAC-MOD	2 A	2.00009 A; 60Hz	2.00000 A	-0.09 mA	-2	4.00 mA	0.24 mA	ok
IAC-MOD	5 A	2.10013 A; 50Hz	2.10000 A	-0.13 mA	-1	10.00 mA	0.27 mA	ok
IAC-MOD	5 A	5.00001 A; 60Hz	5.00000 A	-0.01 mA	0	10.00 mA	0.65 mA	ok
IAC-MOD	10 A	5.09990 A; 50Hz	5.10000 A	0.10 mA	0	20.00 mA	0.64 mA	ok
IAC-MOD	10 A	10.0001 A; 60Hz	10.0000 A	-0.1 mA	0	20.0 mA	1.3 mA	ok
IAC-MOD	30 A	10.1015 A; 50Hz	10.1000 A	-1.5 mA	-2	60.0 mA	1.3 mA	ok
IAC-MOD	30 A	29.9988 A; 60Hz	30.0000 A	1.2 mA	2	60.0 mA	3.9 mA	ok

Harmonic mode, AC Voltage/Current, harmonic amplitude

VAC-HAR	30 %	12.0024 %	12.0000 %	-0.002 %	-2	0.125 %	0.0028 %	ok
8V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0003 %	16.0000 %	-0.000 %	0	0.125 %	0.0037 %	ok
8V, 55Hz, 5HAR								
VAC-HAR	30 %	14.0003 %	14.0000 %	-0.000 %	0	0.125 %	0.0032 %	ok
8V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00071 %	3.00000 %	-0.001 %	-1	0.125 %	0.0007 %	ok
8V, 55Hz, 13HAR								
VAC-HAR	30 %	2.99941 %	3.00000 %	0.001 %	0	0.125 %	0.0007 %	ok
8V, 55Hz, 25HAR								
VAC-HAR	30 %	2.99234 %	3.00000 %	0.008 %	3	0.250 %	0.0007 %	ok
8V, 55Hz, 63HAR								
VAC-HAR	30 %	12.0016 %	12.0000 %	-0.002 %	-1	0.122 %	0.0028 %	ok
230V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0005 %	16.0000 %	-0.001 %	0	0.122 %	0.0037 %	ok
230V, 55Hz, 5HAR								
VAC-HAR	30 %	13.9999 %	14.0000 %	0.000 %	0	0.122 %	0.0032 %	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
230V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00089 %	3.00000 %	-0.001 %	-1	0.122 %	0.0007 %	ok
230V, 55Hz, 13HAR								
VAC-HAR	30 %	2.99915 %	3.00000 %	0.001 %	1	0.122 %	0.0007 %	ok
230V, 55Hz, 25HAR								
VAC-HAR	30 %	2.98966 %	3.00000 %	0.010 %	4	0.243 %	0.0007 %	ok
230V, 55Hz, 63HAR								
VAC-HAR	30 %	4.9872 %	5.0000 %	0.013 %	11	0.122 %	0.0012 %	ok
230V, 100Hz, 30HAR								
VAC-HAR	30 %	4.9634 %	5.0000 %	0.037 %	15	0.243 %	0.0011 %	ok
230V, 100Hz, 50HAR								
IAC-HAR	30 %	12.0021 %	12.0000 %	-0.002 %	-2	0.125 %	0.0028 %	ok
1.6A, 55Hz, 3HAR								
IAC-HAR	30 %	16.0001 %	16.0000 %	-0.000 %	0	0.125 %	0.0037 %	ok
1.6A, 55Hz, 5HAR								
IAC-HAR	30 %	13.9994 %	14.0000 %	0.001 %	1	0.125 %	0.0032 %	ok
1.6A, 55Hz, 7HAR								
IAC-HAR	30 %	2.99967 %	3.00000 %	0.000 %	0	0.125 %	0.0007 %	ok
1.6A, 55Hz, 13HAR								
IAC-HAR	30 %	3.00348 %	3.00000 %	-0.003 %	-1	0.250 %	0.0007 %	ok
8A, 55Hz, 25HAR								
IAC-HAR	30 %	3.00758 %	3.00000 %	-0.008 %	-2	0.500 %	0.0007 %	ok
8A, 55Hz, 63HAR								
IAC-HAR	30 %	12.0032 %	12.0000 %	-0.003 %	-1	0.240 %	0.0028 %	ok
25A, 55Hz, 3HAR								
IAC-HAR	30 %	16.0059 %	16.0000 %	-0.006 %	-2	0.240 %	0.0037 %	ok
25A, 55Hz, 5HAR								
IAC-HAR	30 %	14.0092 %	14.0000 %	-0.009 %	-4	0.240 %	0.0032 %	ok
25A, 55Hz, 7HAR								
IAC-HAR	30 %	3.00492 %	3.00000 %	-0.005 %	-2	0.240 %	0.0007 %	ok
25A, 55Hz, 13HAR								
IAC-HAR	30 %	3.01340 %	3.00000 %	-0.013 %	-6	0.240 %	0.0007 %	ok
25A, 55Hz, 25HAR								
IAC-HAR	30 %	3.04968 %	3.00000 %	-0.050 %	-5	0.960 %	0.0007 %	ok
25A, 55Hz, 63HAR								
IAC-HAR	30 %	5.0659 %	5.0000 %	-0.066 %	-27	0.240 %	0.0012 %	ok
25A, 100Hz, 30HAR								
IAC-HAR	30 %	5.1529 %	5.0000 %	-0.153 %	-16	0.960 %	0.0012 %	ok
25A, 100Hz, 50HAR								
Interharmonic mode, AC Voltage/Current								
VAC-IHAR	10 V	1.99980 V	2.00000 V	0.20 mV	2	10.00 mV	0.24 mV	ok
110Hz, 8V, 55Hz								
VAC-IHAR	280 V	29.9940 V	30.0000 V	6.0 mV	2	280.0 mV	3.6 mV	ok
110Hz, 230V, 55Hz								
IAC-IHAR	300 mA	29.9913 mA	30.0000 mA	8.7 uA	3	300.0 uA	3.6 uA	ok
110Hz, 270mA, 55Hz								
IAC-IHAR	30 A	0.99942 A	1.00000 A	0.58 mA	1	60.00 mA	0.13 mA	ok
110Hz, 25A, 55Hz								
Modulation mode, Depth of modulation								
MOD-VAC	280 V	45.949 V	46.000 V	51 mV	9	560 mV	45 mV	ok
50mHz, 230V, 55Hz								
MOD-VAC	140 V	34.452 V	34.500 V	48 mV	17	280 mV	24 mV	ok
50mHz, 115V, 55Hz								
MOD-IAC	2 A	0.47963 A	0.48000 A	0.37 mA	9	4.00 mA	0.34 mA	ok
50mHz, 1.6A, 55Hz								
MOD-IAC	30 A	2.9981 A	3.0000 A	1.9 mA	3	60.0 mA	2.9 mA	ok
50mHz, 15A, 55Hz								
SIN mode, DC/AC electric Power								
P-DC	8.4 W	8.40127 W	8.40000 W	-1.27 mW	-13	10.08 mW	0.41 mW	ok
280V, 30mA								
P-DC	280 W	279.990 W	280.000 W	10 mW	9	106 mW	15 mW	ok
280V, 1A								
P-DC	700 W	699.973 W	700.000 W	27 mW	10	266 mW	46 mW	ok
140V, 5A								
P-DC	4.2 kW	4.19998 kW	4.20000 kW	0.02 W	1	2.02 W	0.28 W	ok
140V, 30A								
P-AC	84 W	84.003 W	84.000 W	-3 mW	-10	31 mW	15 mW	ok
280V, 300mA, 55Hz, 0°								
P-AC	84 W	42.0021 W	42.0000 W	-2.1 mW	-10	19.7 mW	8.0 mW	ok
280V, 300mA, 55Hz, 60°								
P-AC	84 W	42.0022 W	42.0000 W	-2.2 mW	-11	19.7 mW	8.0 mW	ok
280V, 300mA, 55Hz, 300°								
P-AC	280 W	279.998 W	280.000 W	2 mW	2	104 mW	40 mW	ok
280V, 1A, 55Hz, 0°								
P-AC	280 W	139.998 W	140.000 W	2 mW	4	66 mW	23 mW	ok
280V, 1A, 55Hz, 60°								
P-AC	280 W	140.002 W	140.000 W	-2 mW	-3	66 mW	23 mW	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
280V, 1A, 55Hz, 300°								
P-AC	700 W	700.01 W	700.00 W	-11 mW	-4	259 mW	153 mW	ok
140V, 5A, 55Hz, 0°								
P-AC	700 W	350.013 W	350.000 W	-13 mW	-8	165 mW	81 mW	ok
140V, 5A, 55Hz, 60°								
P-AC	700 W	349.999 W	350.000 W	1 mW	1	165 mW	81 mW	ok
140V, 5A, 55Hz, 300°								
P-AC	4.2 kW	4.19982 kW	4.20000 kW	0.18 W	9	1.93 W	0.92 W	ok
140V, 30A, 55Hz, 0°								
P-AC	4.2 kW	2.0999 kW	2.1000 kW	0.1 W	4	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 60°								
P-AC	4.2 kW	2.0999 kW	2.1000 kW	0.1 W	3	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 300°								
SIN mode, Voltage phase shift, relative to internal reference								
PHA-U	360 °	60.00492 °	60.00000 °	-0.00492 °	-16	0.03000 °	0.00116 °	ok
1A, 5V, 15Hz								
PHA-U	360 °	59.99863 °	60.00000 °	0.00137 °	14	0.01000 °	0.00229 °	ok
1A, 20V, 70Hz								
PHA-U	360 °	59.97432 °	60.00000 °	0.02568 °	26	0.10000 °	0.01209 °	ok
1A, 50V, 400Hz								
PHA-U	360 °	59.99809 °	60.00000 °	0.00191 °	19	0.01000 °	0.00226 °	ok
1A, 125V, 70Hz								
PHA-U	360 °	59.97441 °	60.00000 °	0.02559 °	26	0.10000 °	0.01209 °	ok
1A, 200V, 400Hz								
PHA-U	360 °	59.93815 °	60.00000 °	0.06185 °	15	0.40000 °	0.02940 °	ok
1A, 300V, 1kHz								
Harmonic mode, Voltage phase shift, relative to internal reference								
PHA-UHAR	360 °	0.00132 °	0.00000 °	-0.00132 °	-1	0.20000 °	0.00163 °	ok
10V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	60.00724 °	60.00000 °	-0.00724 °	-2	0.39600 °	0.00476 °	ok
8V, 55Hz, 4HAR, 19%								
PHA-UHAR	360 °	60.01235 °	60.00000 °	-0.01235 °	-1	1.88100 °	0.02197 °	ok
8V, 55Hz, 19HAR, 25%								
PHA-UHAR	360 °	-0.03247 °	0.00000 °	0.03247 °	16	0.20000 °	0.00163 °	ok
200V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	59.77313 °	60.00000 °	0.22687 °	33	0.69300 °	0.00817 °	ok
200V, 55Hz, 7HAR, 29%								
PHA-UHAR	360 °	59.64115 °	60.00000 °	0.35885 °	33	1.08900 °	0.01276 °	ok
200V, 55Hz, 11HAR, 20%								
SIN mode, Current phase shift, relative to internal reference								
PHA-I	360 °	60.00038 °	60.00000 °	-0.00038 °	-1	0.03000 °	0.00044 °	ok
200mA, 10V, 15Hz								
PHA-I	360 °	59.99979 °	60.00000 °	0.00021 °	2	0.01000 °	0.00234 °	ok
800mA, 10V, 70Hz								
PHA-I	360 °	59.98597 °	60.00000 °	0.01403 °	14	0.10000 °	0.01209 °	ok
1.8A, 10V, 400Hz								
PHA-I	360 °	60.00253 °	60.00000 °	-0.00253 °	-8	0.03000 °	0.00099 °	ok
4A, 10V, 15Hz								
PHA-I	360 °	59.99942 °	60.00000 °	0.00058 °	6	0.01000 °	0.00216 °	ok
8A, 10V, 70Hz								
PHA-I	360 °	59.96063 °	60.00000 °	0.03937 °	39	0.10000 °	0.01209 °	ok
15A, 10V, 400Hz								
Harmonic mode, Current phase shift, relative to internal reference								
PHA-IHAR	360 °	-0.00025 °	0.00000 °	0.00025 °	0	0.20000 °	0.00163 °	ok
800mA, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.97740 °	60.00000 °	0.02260 °	8	0.29700 °	0.00365 °	ok
800mA, 55Hz, 3HAR, 14%								
PHA-IHAR	360 °	59.94548 °	60.00000 °	0.05452 °	7	0.79200 °	0.00931 °	ok
800mA, 55Hz, 8HAR, 16%								
PHA-IHAR	360 °	-0.02098 °	0.00000 °	0.02098 °	10	0.20000 °	0.00163 °	ok
15A, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.84911 °	60.00000 °	0.15089 °	13	1.18800 °	0.01391 °	ok
15A, 55Hz, 12HAR, 27%								
PHA-IHAR	360 °	59.74380 °	60.00000 °	0.25620 °	13	1.98000 °	0.02316 °	ok
15A, 55Hz, 20HAR, 29%								
SIN mode, Voltage from Current phase shift, relative to internal reference								
PHA-IOUT	360 °	60.00269 °; 5V, 55Hz	60.00000 °	-0.00269 °	-27	0.01000 °	0.00139 °	ok
SIN mode, DC/AC Voltage from Current								
VDC-IOUT	20 mV	0.99658 mV	1.00000 mV	3.42 uV	17	20.50 uV	0.46 uV	ok
VDC-IOUT	20 mV	-1.00417 mV	-1.00000 mV	4.17 uV	20	20.50 uV	0.44 uV	ok
VDC-IOUT	20 mV	18.99818 mV	19.00000 mV	1.82 uV	6	29.50 uV	0.61 uV	ok
VDC-IOUT	20 mV	-19.00379 mV	-19.00000 mV	3.79 uV	13	29.50 uV	0.60 uV	ok
VDC-IOUT	330 mV	21.00258 mV	21.00000 mV	-2.58 uV	-1	208.50 uV	0.63 uV	ok
VDC-IOUT	330 mV	-21.01334 mV	-21.00000 mV	13.34 uV	6	208.50 uV	0.64 uV	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
VDC-IOUT	330 mV	319.9959 mV	320.0000 mV	4.1 uV	1	358.0 uV	4.1 uV	ok
VDC-IOUT	330 mV	-320.0008 mV	-320.0000 mV	0.8 uV	0	358.0 uV	4.3 uV	ok
VDC-IOUT	5 V	0.3400792 V	0.3400000 V	-0.0792 mV	-7	1.1700 mV	0.0051 mV	ok
VDC-IOUT	5 V	-0.340143 V	-0.340000 V	0.143 mV	12	1.170 mV	0.013 mV	ok
VDC-IOUT	5 V	4.999901 V	5.000000 V	0.099 mV	3	3.500 mV	0.060 mV	ok
VDC-IOUT	5 V	-4.999883 V	-5.000000 V	-0.117 mV	-3	3.500 mV	0.070 mV	ok
VAC-IOUT	20 mV	1.00775 mV; 15Hz	1.00000 mV	-7.75 uV	-38	20.50 uV	0.74 uV	ok
VAC-IOUT	20 mV	19.0014 mV; 400Hz	19.0000 mV	-1.4 uV	-5	29.5 uV	2.3 uV	ok
VAC-IOUT	330 mV	300.008 mV; 15Hz	300.000 mV	-8 uV	-2	348 uV	35 uV	ok
VAC-IOUT	5 V	3.99989 V; 400Hz	4.00000 V	0.11 mV	4	3.00 mV	0.46 mV	ok

SOURCE CHANNEL 2

SIN mode, DC/AC Voltage

VDC	10 V	1.000093 V	1.000000 V	-0.093 mV	-8	1.150 mV	0.021 mV	ok
VDC	10 V	5.00011 V	5.00000 V	-0.11 mV	-6	1.75 mV	0.10 mV	ok
VDC	10 V	10.00004 V	10.00000 V	-0.04 mV	-2	2.50 mV	0.20 mV	ok
VDC	10 V	-1.000012 V	-1.000000 V	0.012 mV	1	1.150 mV	0.023 mV	ok
VDC	10 V	-9.99986 V	-10.00000 V	-0.14 mV	-6	2.50 mV	0.20 mV	ok
VDC	30 V	10.99954 V	11.00000 V	0.46 mV	10	4.65 mV	0.24 mV	ok
VDC	30 V	29.99875 V	30.00000 V	1.25 mV	17	7.50 mV	0.63 mV	ok
VDC	30 V	-10.99943 V	-11.00000 V	-0.57 mV	-12	4.65 mV	0.24 mV	ok
VDC	30 V	-29.99834 V	-30.00000 V	-1.66 mV	-22	7.50 mV	0.63 mV	ok
VDC	70 V	30.99906 V	31.00000 V	0.94 mV	8	11.65 mV	0.67 mV	ok
VDC	70 V	69.9980 V	70.0000 V	2.0 mV	11	17.5 mV	1.5 mV	ok
VDC	70 V	-30.99859 V	-31.00000 V	-1.41 mV	-12	11.65 mV	0.67 mV	ok
VDC	70 V	-69.9970 V	-70.0000 V	-3.0 mV	-17	17.5 mV	1.5 mV	ok
VDC	140 V	70.9984 V	71.0000 V	1.6 mV	6	24.7 mV	1.5 mV	ok
VDC	140 V	139.9985 V	140.0000 V	1.5 mV	4	35.0 mV	3.0 mV	ok
VDC	140 V	-70.9972 V	-71.0000 V	-2.8 mV	-11	24.7 mV	1.5 mV	ok
VDC	140 V	-139.9950 V	-140.0000 V	-5.0 mV	-14	35.0 mV	3.0 mV	ok
VDC	280 V	140.9988 V	141.0000 V	1.2 mV	2	49.2 mV	3.0 mV	ok
VDC	280 V	279.9955 V	280.0000 V	4.5 mV	6	70.0 mV	5.9 mV	ok
VDC	280 V	-140.9954 V	-141.0000 V	-4.6 mV	-9	49.2 mV	3.0 mV	ok
VDC	280 V	-279.9915 V	-280.0000 V	-8.5 mV	-12	70.0 mV	6.0 mV	ok
VAC	10 V	0.99988 V; 40Hz	1.00000 V	0.12 mV	11	1.12 mV	0.12 mV	ok
VAC	10 V	4.99989 V; 40Hz	5.00000 V	0.11 mV	7	1.60 mV	0.59 mV	ok
VAC	10 V	10.00001 V; 15Hz	10.0000 V	-0.1 mV	-3	2.6 mV	1.2 mV	ok
VAC	10 V	9.9998 V; 70Hz	10.0000 V	0.2 mV	9	2.2 mV	1.2 mV	ok
VAC	10 V	9.9998 V; 1kHz	10.0000 V	0.2 mV	6	2.6 mV	1.2 mV	ok
VAC	30 V	10.9993 V; 40Hz	11.0000 V	0.7 mV	16	4.3 mV	1.3 mV	ok
VAC	30 V	29.9992 V; 15Hz	30.0000 V	0.8 mV	10	7.8 mV	3.6 mV	ok
VAC	30 V	29.9984 V; 70Hz	30.0000 V	1.6 mV	24	6.6 mV	3.6 mV	ok
VAC	30 V	29.9984 V; 1kHz	30.0000 V	1.6 mV	21	7.8 mV	3.7 mV	ok
VAC	70 V	30.9985 V; 40Hz	31.0000 V	1.5 mV	14	10.7 mV	3.7 mV	ok
VAC	70 V	69.9993 V; 15Hz	70.0000 V	0.7 mV	4	18.2 mV	8.3 mV	ok
VAC	70 V	69.9968 V; 70Hz	70.0000 V	3.2 mV	21	15.4 mV	8.3 mV	ok
VAC	70 V	69.9976 V; 1kHz	70.0000 V	2.4 mV	13	18.2 mV	8.6 mV	ok
VAC	140 V	70.9978 V; 40Hz	71.0000 V	2.2 mV	10	22.5 mV	8.5 mV	ok
VAC	140 V	140.000 V; 15Hz	140.000 V	-0 mV	-1	36 mV	17 mV	ok
VAC	140 V	139.996 V; 70Hz	140.000 V	4 mV	14	31 mV	17 mV	ok
VAC	140 V	139.995 V; 1kHz	140.000 V	5 mV	13	36 mV	17 mV	ok
VAC	280 V	140.996 V; 40Hz	141.000 V	4 mV	9	45 mV	17 mV	ok
VAC	280 V	199.996 V; 40Hz	200.000 V	4 mV	8	52 mV	24 mV	ok
VAC	280 V	280.003 V; 15Hz	280.000 V	-3 mV	-5	73 mV	33 mV	ok
VAC	280 V	279.995 V; 70Hz	280.000 V	5 mV	8	62 mV	33 mV	ok
VAC	280 V	279.992 V; 1kHz	280.000 V	8 mV	11	73 mV	34 mV	ok
VAC	600 V	299.991 V; 40Hz	300.000 V	9 mV	8	108 mV	36 mV	ok
VAC	600 V	299.976 V; 1kHz	300.000 V	24 mV	18	132 mV	37 mV	ok
VAC	600 V	449.981 V; 55Hz	450.000 V	19 mV	15	132 mV	54 mV	ok
VAC	600 V	599.980 V; 20Hz	600.000 V	20 mV	10	204 mV	71 mV	ok
VAC	600 V	599.971 V; 70Hz	600.000 V	29 mV	19	156 mV	71 mV	ok

SIN mode, DC/AC Current

IDC	300 mA	8.00786 mA	8.00000 mA	-7.86 uA	-25	31.40 uA	0.39 uA	ok
IDC	300 mA	30.00576 mA	30.00000 mA	-5.76 uA	-16	35.25 uA	0.74 uA	ok
IDC	300 mA	80.0108 mA	80.0000 mA	-10.8 uA	-24	44.0 uA	2.1 uA	ok
IDC	300 mA	110.0125 mA	110.0000 mA	-12.5 uA	-25	49.3 uA	2.8 uA	ok
IDC	300 mA	160.0152 mA	160.0000 mA	-15.2 uA	-26	58.0 uA	3.9 uA	ok
IDC	300 mA	210.0133 mA	210.0000 mA	-13.3 uA	-20	66.8 uA	5.1 uA	ok
IDC	300 mA	260.0133 mA	260.0000 mA	-13.3 uA	-18	75.5 uA	6.3 uA	ok
IDC	300 mA	300.0145 mA	300.0000 mA	-14.5 uA	-18	82.5 uA	7.3 uA	ok
IDC	300 mA	-7.99920 mA	-8.00000 mA	-0.80 uA	-3	31.40 uA	0.28 uA	ok
IDC	300 mA	-29.99655 mA	-30.00000 mA	-3.45 uA	-10	35.25 uA	0.69 uA	ok
IDC	300 mA	-300.0097 mA	-300.0000 mA	9.7 uA	12	82.5 uA	7.3 uA	ok
IDC	1 A	0.3100375 A	0.3100000 A	-0.0375 mA	-24	0.1543 mA	0.0076 mA	ok
IDC	1 A	-0.3100152 A	-0.3100000 A	0.0152 mA	10	0.1543 mA	0.0079 mA	ok
IDC	1 A	1.000031 A	1.000000 A	-0.031 mA	-11	0.275 mA	0.026 mA	ok
IDC	1 A	-0.999990 A	-1.000000 A	-0.010 mA	-3	0.275 mA	0.026 mA	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
IDC	2 A	1.100017 A	1.100000 A	-0.017 mA	-4	0.393 mA	0.035 mA	ok
IDC	2 A	1.800029 A	1.800000 A	-0.029 mA	-6	0.515 mA	0.056 mA	ok
IDC	2 A	-1.099986 A	-1.100000 A	-0.014 mA	-4	0.393 mA	0.035 mA	ok
IDC	2 A	-1.799994 A	-1.800000 A	-0.006 mA	-1	0.515 mA	0.057 mA	ok
IDC	5 A	2.10018 A	2.10000 A	-0.18 mA	-20	0.87 mA	0.10 mA	ok
IDC	5 A	5.00013 A	5.00000 A	-0.13 mA	-10	1.38 mA	0.24 mA	ok
IDC	5 A	-2.10014 A	-2.10000 A	0.14 mA	16	0.87 mA	0.10 mA	ok
IDC	5 A	-5.00011 A	-5.00000 A	0.11 mA	8	1.38 mA	0.24 mA	ok
IDC	10 A	5.10009 A	5.10000 A	-0.09 mA	-3	2.57 mA	0.20 mA	ok
IDC	10 A	10.00000 A	10.00000 A	-0.00 mA	0	3.60 mA	0.39 mA	ok
IDC	10 A	-5.10006 A	-5.10000 A	0.06 mA	2	2.57 mA	0.20 mA	ok
IDC	10 A	-9.99993 A	-10.00000 A	-0.07 mA	-2	3.60 mA	0.39 mA	ok
IDC	30 A	10.10227 A	10.10000 A	-2.27 mA	-33	6.97 mA	0.44 mA	ok
IDC	30 A	-10.10211 A	-10.10000 A	2.11 mA	30	6.97 mA	0.44 mA	ok
IDC	30 A	30.0011 A	30.0000 A	-1.1 mA	-9	11.9 mA	1.4 mA	ok
IDC	30 A	-30.0011 A	-30.0000 A	1.1 mA	9	11.9 mA	1.4 mA	ok
IAC	300 mA	10.0013 mA; 40Hz	10.0000 mA	-1.3 uA	-4	31.8 uA	1.2 uA	ok
IAC	300 mA	10.0075 mA; 1kHz	10.0000 mA	-7.5 uA	-12	62.1 uA	1.2 uA	ok
IAC	300 mA	29.9985 mA; 40Hz	30.0000 mA	1.5 uA	4	35.3 uA	3.5 uA	ok
IAC	300 mA	300.023 mA; 15Hz	300.000 mA	-23 uA	-19	123 uA	36 uA	ok
IAC	300 mA	300.009 mA; 70Hz	300.000 mA	-9 uA	-10	83 uA	36 uA	ok
IAC	300 mA	300.011 mA; 1kHz	300.000 mA	-11 uA	-9	123 uA	36 uA	ok
IAC	1 A	0.310009 A; 40Hz	0.310000 A	-0.009 mA	-6	0.154 mA	0.037 mA	ok
IAC	1 A	0.310011 A; 1kHz	0.310000 A	-0.011 mA	-4	0.265 mA	0.037 mA	ok
IAC	1 A	1.00005 A; 15Hz	1.00000 A	-0.05 mA	-11	0.41 mA	0.12 mA	ok
IAC	1 A	1.00001 A; 70Hz	1.00000 A	-0.01 mA	-3	0.28 mA	0.12 mA	ok
IAC	1 A	0.99996 A; 1kHz	1.00000 A	0.04 mA	11	0.41 mA	0.12 mA	ok
IAC	2 A	1.10004 A; 40Hz	1.10000 A	-0.04 mA	-11	0.39 mA	0.13 mA	ok
IAC	2 A	1.09998 A; 1kHz	1.10000 A	0.02 mA	3	0.63 mA	0.13 mA	ok
IAC	2 A	1.80012 A; 15Hz	1.80000 A	-0.12 mA	-16	0.78 mA	0.22 mA	ok
IAC	2 A	1.80006 A; 70Hz	1.80000 A	-0.06 mA	-11	0.52 mA	0.22 mA	ok
IAC	2 A	1.80000 A; 1kHz	1.80000 A	0.00 mA	0	0.78 mA	0.22 mA	ok
IAC	5 A	2.10013 A; 40Hz	2.10000 A	-0.13 mA	-15	0.87 mA	0.27 mA	ok
IAC	5 A	2.10014 A; 1kHz	2.10000 A	-0.14 mA	-10	1.44 mA	0.27 mA	ok
IAC	5 A	5.00022 A; 15Hz	5.00000 A	-0.22 mA	-11	2.05 mA	0.65 mA	ok
IAC	5 A	5.00006 A; 70Hz	5.00000 A	-0.06 mA	-4	1.38 mA	0.65 mA	ok
IAC	10 A	5.10007 A; 40Hz	5.10000 A	-0.07 mA	-3	2.57 mA	0.64 mA	ok
IAC	10 A	10.0004 A; 15Hz	10.0000 A	-0.4 mA	-9	4.8 mA	1.3 mA	ok
IAC	10 A	10.0003 A; 70Hz	10.0000 A	-0.3 mA	-7	3.6 mA	1.3 mA	ok
IAC	10 A	10.0001 A; 1kHz	10.0000 A	-0.1 mA	-1	6.0 mA	1.3 mA	ok
IAC	30 A	10.1021 A; 40Hz	10.1000 A	-2.1 mA	-31	6.6 mA	1.3 mA	ok
IAC	30 A	30.0016 A; 15Hz	30.0000 A	-1.6 mA	-10	16.5 mA	3.9 mA	ok
IAC	30 A	30.0003 A; 70Hz	30.0000 A	-0.3 mA	-3	10.8 mA	3.9 mA	ok
IAC	30 A	30.0033 A; 1kHz	30.0000 A	-3.3 mA	-16	21.0 mA	3.9 mA	ok

Frequency

FREQ	1 kHz	0.0600007 kHz; 10V	0.0600000 kHz	-0.0007 Hz	-24	0.0030 Hz	0.0013 Hz	ok
FREQ	1 kHz	0.5000053 kHz; 10V	0.5000000 kHz	-0.0053 Hz	-21	0.0250 Hz	0.0058 Hz	ok
FREQ	1 kHz	1.000011 kHz; 10V	1.0000000 kHz	-0.011 Hz	-22	0.050 Hz	0.012 Hz	ok

Modulation mode, AC Voltage/Current amplitude

VAC-MOD	10 V	0.99986 V; 50Hz	1.00000 V	0.14 mV	1	20.00 mV	0.12 mV	ok
VAC-MOD	10 V	9.9993 V; 60Hz	10.0000 V	0.7 mV	4	20.0 mV	1.2 mV	ok
VAC-MOD	30 V	10.9990 V; 50Hz	11.0000 V	1.0 mV	2	60.0 mV	1.3 mV	ok
VAC-MOD	30 V	29.9979 V; 60Hz	30.0000 V	2.1 mV	4	60.0 mV	3.6 mV	ok
VAC-MOD	70 V	30.9979 V; 50Hz	31.0000 V	2.1 mV	2	140.0 mV	3.7 mV	ok
VAC-MOD	70 V	69.9959 V; 60Hz	70.0000 V	4.1 mV	3	140.0 mV	8.3 mV	ok
VAC-MOD	140 V	70.9969 V; 50Hz	71.0000 V	3.1 mV	1	280.0 mV	8.5 mV	ok
VAC-MOD	140 V	139.994 V; 60Hz	140.000 V	6 mV	2	280 mV	17 mV	ok
VAC-MOD	280 V	140.997 V; 50Hz	141.000 V	3 mV	1	560 mV	17 mV	ok
VAC-MOD	280 V	280.000 V; 60Hz	280.000 V	-0 mV	0	560 mV	33 mV	ok
IAC-MOD	300 mA	29.9998 mA; 50Hz	30.0000 mA	0.2 uA	0	600.0 uA	3.5 uA	ok
IAC-MOD	300 mA	300.014 mA; 60Hz	300.000 mA	-14 uA	-2	600 uA	36 uA	ok
IAC-MOD	1 A	0.400017 A; 50Hz	0.400000 A	-0.017 mA	-1	2.000 mA	0.048 mA	ok
IAC-MOD	1 A	1.00000 A; 60Hz	1.00000 A	0.00 mA	0	2.00 mA	0.12 mA	ok
IAC-MOD	2 A	1.09999 A; 50Hz	1.10000 A	0.01 mA	0	4.00 mA	0.13 mA	ok
IAC-MOD	2 A	1.99999 A; 60Hz	2.00000 A	0.01 mA	0	4.00 mA	0.24 mA	ok
IAC-MOD	5 A	2.10005 A; 50Hz	2.10000 A	-0.05 mA	-1	10.00 mA	0.27 mA	ok
IAC-MOD	5 A	4.99995 A; 60Hz	5.00000 A	0.05 mA	1	10.00 mA	0.65 mA	ok
IAC-MOD	10 A	5.10003 A; 50Hz	5.10000 A	-0.03 mA	0	20.00 mA	0.64 mA	ok
IAC-MOD	10 A	9.9999 A; 60Hz	10.0000 A	0.1 mA	1	20.0 mA	1.3 mA	ok
IAC-MOD	30 A	10.1015 A; 50Hz	10.1000 A	-1.5 mA	-2	60.0 mA	1.3 mA	ok
IAC-MOD	30 A	29.9989 A; 60Hz	30.0000 A	1.1 mA	2	60.0 mA	3.9 mA	ok

Harmonic mode, AC Voltage/Current, harmonic amplitude

VAC-HAR	30 %	12.0020 %	12.0000 %	-0.002 %	-2	0.125 %	0.0028 %	ok
8V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0010 %	16.0000 %	-0.001 %	-1	0.125 %	0.0037 %	ok
8V, 55Hz, 5HAR								
VAC-HAR	30 %	14.0004 %	14.0000 %	-0.000 %	0	0.125 %	0.0032 %	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
8V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00041 %	3.00000 %	-0.000 %	0	0.125 %	0.0007 %	ok
8V, 55Hz, 13HAR								
VAC-HAR	30 %	2.99902 %	3.00000 %	0.001 %	1	0.125 %	0.0007 %	ok
8V, 55Hz, 25HAR								
VAC-HAR	30 %	2.99199 %	3.00000 %	0.008 %	3	0.250 %	0.0007 %	ok
8V, 55Hz, 63HAR								
VAC-HAR	30 %	12.0006 %	12.0000 %	-0.001 %	-1	0.122 %	0.0028 %	ok
230V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0010 %	16.0000 %	-0.001 %	-1	0.122 %	0.0037 %	ok
230V, 55Hz, 5HAR								
VAC-HAR	30 %	13.9992 %	14.0000 %	0.001 %	1	0.122 %	0.0032 %	ok
230V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00083 %	3.00000 %	-0.001 %	-1	0.122 %	0.0007 %	ok
230V, 55Hz, 13HAR								
VAC-HAR	30 %	2.99935 %	3.00000 %	0.001 %	1	0.122 %	0.0007 %	ok
230V, 55Hz, 25HAR								
VAC-HAR	30 %	2.98986 %	3.00000 %	0.010 %	4	0.243 %	0.0007 %	ok
230V, 55Hz, 63HAR								
VAC-HAR	30 %	4.9891 %	5.0000 %	0.011 %	9	0.122 %	0.0012 %	ok
230V, 100Hz, 30HAR								
VAC-HAR	30 %	4.9653 %	5.0000 %	0.035 %	14	0.243 %	0.0011 %	ok
230V, 100Hz, 50HAR								
IAC-HAR	30 %	12.0025 %	12.0000 %	-0.002 %	-2	0.125 %	0.0028 %	ok
1.6A, 55Hz, 3HAR								
IAC-HAR	30 %	15.9989 %	16.0000 %	0.001 %	1	0.125 %	0.0037 %	ok
1.6A, 55Hz, 5HAR								
IAC-HAR	30 %	13.9970 %	14.0000 %	0.003 %	2	0.125 %	0.0032 %	ok
1.6A, 55Hz, 7HAR								
IAC-HAR	30 %	2.99777 %	3.00000 %	0.002 %	2	0.125 %	0.0007 %	ok
1.6A, 55Hz, 13HAR								
IAC-HAR	30 %	3.00174 %	3.00000 %	-0.002 %	-1	0.250 %	0.0007 %	ok
8A, 55Hz, 25HAR								
IAC-HAR	30 %	3.00585 %	3.00000 %	-0.006 %	-1	0.500 %	0.0007 %	ok
8A, 55Hz, 63HAR								
IAC-HAR	30 %	12.0039 %	12.0000 %	-0.004 %	-2	0.240 %	0.0028 %	ok
25A, 55Hz, 3HAR								
IAC-HAR	30 %	16.0057 %	16.0000 %	-0.006 %	-2	0.240 %	0.0037 %	ok
25A, 55Hz, 5HAR								
IAC-HAR	30 %	14.0061 %	14.0000 %	-0.006 %	-3	0.240 %	0.0032 %	ok
25A, 55Hz, 7HAR								
IAC-HAR	30 %	3.00565 %	3.00000 %	-0.006 %	-2	0.240 %	0.0007 %	ok
25A, 55Hz, 13HAR								
IAC-HAR	30 %	3.01031 %	3.00000 %	-0.010 %	-4	0.240 %	0.0007 %	ok
25A, 55Hz, 25HAR								
IAC-HAR	30 %	3.04246 %	3.00000 %	-0.042 %	-4	0.960 %	0.0007 %	ok
25A, 55Hz, 63HAR								
IAC-HAR	30 %	5.0582 %	5.0000 %	-0.058 %	-24	0.240 %	0.0012 %	ok
25A, 100Hz, 30HAR								
IAC-HAR	30 %	5.1387 %	5.0000 %	-0.139 %	-14	0.960 %	0.0012 %	ok
25A, 100Hz, 50HAR								
Interharmonic mode, AC Voltage/Current								
VAC-IHAR	10 V	1.99994 V	2.00000 V	0.06 mV	1	10.00 mV	0.24 mV	ok
110Hz, 8V, 55Hz								
VAC-IHAR	280 V	29.9917 V	30.0000 V	8.3 mV	3	280.0 mV	3.6 mV	ok
110Hz, 230V, 55Hz								
IAC-IHAR	300 mA	29.9953 mA	30.0000 mA	4.7 uA	2	300.0 uA	3.6 uA	ok
110Hz, 270mA, 55Hz								
IAC-IHAR	30 A	0.99951 A	1.00000 A	0.49 mA	1	60.00 mA	0.13 mA	ok
110Hz, 25A, 55Hz								
Modulation mode, Depth of modulation								
MOD-VAC	280 V	45.985 V	46.000 V	15 mV	3	560 mV	45 mV	ok
50mHz, 230V, 55Hz								
MOD-VAC	140 V	34.465 V	34.500 V	35 mV	12	280 mV	24 mV	ok
50mHz, 115V, 55Hz								
MOD-IAC	2 A	0.47890 A	0.48000 A	1.10 mA	28	4.00 mA	0.34 mA	ok
50mHz, 1.6A, 55Hz								
MOD-IAC	30 A	2.9952 A	3.0000 A	4.8 mA	8	60.0 mA	2.9 mA	ok
50mHz, 15A, 55Hz								
SIN mode, DC/AC electric Power								
P-DC	8.4 W	8.40056 W	8.40000 W	-0.56 mW	-6	10.08 mW	0.41 mW	ok
280V, 30mA								
P-DC	280 W	279.989 W	280.000 W	11 mW	10	106 mW	15 mW	ok
280V, 1A								
P-DC	700 W	699.977 W	700.000 W	23 mW	9	266 mW	46 mW	ok
140V, 5A								
P-DC	4.2 kW	4.19992 kW	4.20000 kW	0.08 W	4	2.02 W	0.28 W	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
140V, 30A								
P-AC	84 W	83.999 W	84.000 W	1 mW	4	31 mW	15 mW	ok
280V, 300mA, 55Hz, 0°								
P-AC	84 W	42.0020 W	42.0000 W	-2.0 mW	-10	19.7 mW	8.0 mW	ok
280V, 300mA, 55Hz, 60°								
P-AC	84 W	41.9980 W	42.0000 W	2.0 mW	10	19.7 mW	8.0 mW	ok
280V, 300mA, 55Hz, 300°								
P-AC	280 W	279.992 W	280.000 W	8 mW	7	104 mW	40 mW	ok
280V, 1A, 55Hz, 0°								
P-AC	280 W	139.994 W	140.000 W	6 mW	9	66 mW	23 mW	ok
280V, 1A, 55Hz, 60°								
P-AC	280 W	139.999 W	140.000 W	1 mW	2	66 mW	23 mW	ok
280V, 1A, 55Hz, 300°								
P-AC	700 W	699.99 W	700.00 W	15 mW	6	259 mW	153 mW	ok
140V, 5A, 55Hz, 0°								
P-AC	700 W	349.991 W	350.000 W	9 mW	5	165 mW	81 mW	ok
140V, 5A, 55Hz, 60°								
P-AC	700 W	349.978 W	350.000 W	22 mW	13	165 mW	81 mW	ok
140V, 5A, 55Hz, 300°								
P-AC	4.2 kW	4.19991 kW	4.20000 kW	0.09 W	5	1.93 W	0.92 W	ok
140V, 30A, 55Hz, 0°								
P-AC	4.2 kW	2.0999 kW	2.1000 kW	0.1 W	4	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 60°								
P-AC	4.2 kW	2.0999 kW	2.1000 kW	0.1 W	3	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 300°								
SIN mode, Voltage phase shift, relative to internal reference								
PHA-U	360 °	60.00507 °	60.00000 °	-0.00507 °	-17	0.03000 °	0.00061 °	ok
1A, 5V, 15Hz								
PHA-U	360 °	59.99853 °	60.00000 °	0.00147 °	15	0.01000 °	0.00212 °	ok
1A, 20V, 70Hz								
PHA-U	360 °	59.97192 °	60.00000 °	0.02808 °	28	0.10000 °	0.01213 °	ok
1A, 50V, 400Hz								
PHA-U	360 °	59.99774 °	60.00000 °	0.00226 °	23	0.01000 °	0.00215 °	ok
1A, 125V, 70Hz								
PHA-U	360 °	59.97951 °	60.00000 °	0.02049 °	20	0.10000 °	0.01209 °	ok
1A, 200V, 400Hz								
PHA-U	360 °	59.97835 °	60.00000 °	0.02165 °	5	0.40000 °	0.02941 °	ok
1A, 300V, 1kHz								
Harmonic mode, Voltage phase shift, relative to internal reference								
PHA-UHAR	360 °	-0.00311 °	0.00000 °	0.00311 °	2	0.20000 °	0.00163 °	ok
10V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	60.00129 °	60.00000 °	-0.00129 °	0	0.39600 °	0.00476 °	ok
8V, 55Hz, 4HAR, 19%								
PHA-UHAR	360 °	59.98730 °	60.00000 °	0.01270 °	1	1.88100 °	0.02197 °	ok
8V, 55Hz, 19HAR, 25%								
PHA-UHAR	360 °	-0.03689 °	0.00000 °	0.03689 °	18	0.20000 °	0.00163 °	ok
200V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	59.75404 °	60.00000 °	0.24596 °	35	0.69300 °	0.00817 °	ok
200V, 55Hz, 7HAR, 29%								
PHA-UHAR	360 °	59.62255 °	60.00000 °	0.37745 °	35	1.08900 °	0.01275 °	ok
200V, 55Hz, 11HAR, 20%								
SIN mode, Current phase shift, relative to internal reference								
PHA-I	360 °	60.00157 °	60.00000 °	-0.00157 °	-5	0.03000 °	0.00107 °	ok
200mA, 10V, 15Hz								
PHA-I	360 °	59.99865 °	60.00000 °	0.00135 °	13	0.01000 °	0.00213 °	ok
800mA, 10V, 70Hz								
PHA-I	360 °	59.98820 °	60.00000 °	0.01180 °	12	0.10000 °	0.01211 °	ok
1.8A, 10V, 400Hz								
PHA-I	360 °	60.00191 °	60.00000 °	-0.00191 °	-6	0.03000 °	0.00101 °	ok
4A, 10V, 15Hz								
PHA-I	360 °	59.99997 °	60.00000 °	0.00003 °	0	0.01000 °	0.00214 °	ok
8A, 10V, 70Hz								
PHA-I	360 °	59.96444 °	60.00000 °	0.03556 °	36	0.10000 °	0.01209 °	ok
15A, 10V, 400Hz								
Harmonic mode, Current phase shift, relative to internal reference								
PHA-IHAR	360 °	0.00296 °	0.00000 °	-0.00296 °	-1	0.20000 °	0.00163 °	ok
800mA, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.97209 °	60.00000 °	0.02791 °	9	0.29700 °	0.00365 °	ok
800mA, 55Hz, 3HAR, 14%								
PHA-IHAR	360 °	59.95540 °	60.00000 °	0.04460 °	6	0.79200 °	0.00931 °	ok
800mA, 55Hz, 8HAR, 16%								
PHA-IHAR	360 °	-0.02085 °	0.00000 °	0.02085 °	10	0.20000 °	0.00163 °	ok
15A, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.82500 °	60.00000 °	0.17500 °	15	1.18800 °	0.01391 °	ok
15A, 55Hz, 12HAR, 27%								
PHA-IHAR	360 °	59.69554 °	60.00000 °	0.30446 °	15	1.98000 °	0.02315 °	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
15A, 55Hz, 20HAR, 29%								
SIN mode, Voltage from Current phase shift, relative to internal reference								
PHA-IOUT	360 °	60.00275 °; 5V, 55Hz	60.00000 °	-0.00275 °	-28	0.01000 °	0.00155 °	ok
SIN mode, DC/AC Voltage from Current								
VDC-IOUT	20 mV	0.99804 mV	1.00000 mV	1.96 uV	10	20.50 uV	0.41 uV	ok
VDC-IOUT	20 mV	-1.00182 mV	-1.00000 mV	1.82 uV	9	20.50 uV	0.37 uV	ok
VDC-IOUT	20 mV	19.00003 mV	19.00000 mV	-0.03 uV	0	29.50 uV	0.61 uV	ok
VDC-IOUT	20 mV	-19.00240 mV	-19.00000 mV	2.40 uV	8	29.50 uV	0.59 uV	ok
VDC-IOUT	330 mV	20.9996 mV	21.0000 mV	0.4 uV	0	208.5 uV	1.2 uV	ok
VDC-IOUT	330 mV	-21.00918 mV	-21.00000 mV	9.18 uV	4	208.50 uV	0.82 uV	ok
VDC-IOUT	330 mV	319.9992 mV	320.0000 mV	0.8 uV	0	358.0 uV	4.1 uV	ok
VDC-IOUT	330 mV	-320.0077 mV	-320.0000 mV	7.7 uV	2	358.0 uV	4.2 uV	ok
VDC-IOUT	5 V	0.3400414 V	0.3400000 V	-0.0414 mV	-4	1.1700 mV	0.0065 mV	ok
VDC-IOUT	5 V	-0.340081 V	-0.3400000 V	0.081 mV	7	1.170 mV	0.013 mV	ok
VDC-IOUT	5 V	4.999993 V	5.000000 V	0.007 mV	0	3.500 mV	0.060 mV	ok
VDC-IOUT	5 V	-5.000029 V	-5.000000 V	0.029 mV	1	3.500 mV	0.067 mV	ok
VAC-IOUT	20 mV	1.00117 mV; 15Hz	1.00000 mV	-1.17 uV	-6	20.50 uV	0.14 uV	ok
VAC-IOUT	20 mV	19.0002 mV; 400Hz	19.0000 mV	-0.2 uV	-1	29.5 uV	2.3 uV	ok
VAC-IOUT	330 mV	300.011 mV; 15Hz	300.000 mV	-11 uV	-3	348 uV	35 uV	ok
VAC-IOUT	5 V	3.99998 V; 400Hz	4.00000 V	0.02 mV	1	3.00 mV	0.46 mV	ok
SOURCE CHANNEL 3								
SIN mode, DC/AC Voltage								
VDC	10 V	1.000129 V	1.000000 V	-0.129 mV	-11	1.150 mV	0.022 mV	ok
VDC	10 V	5.00008 V	5.00000 V	-0.08 mV	-5	1.75 mV	0.10 mV	ok
VDC	10 V	9.99990 V	10.00000 V	0.10 mV	4	2.50 mV	0.20 mV	ok
VDC	10 V	-0.999985 V	-1.000000 V	-0.015 mV	-1	1.150 mV	0.022 mV	ok
VDC	10 V	-9.99977 V	-10.00000 V	-0.23 mV	-9	2.50 mV	0.20 mV	ok
VDC	30 V	10.99956 V	11.00000 V	0.44 mV	10	4.65 mV	0.24 mV	ok
VDC	30 V	29.99846 V	30.00000 V	1.54 mV	20	7.50 mV	0.63 mV	ok
VDC	30 V	-10.99926 V	-11.00000 V	-0.74 mV	-16	4.65 mV	0.24 mV	ok
VDC	30 V	-29.99813 V	-30.00000 V	-1.87 mV	-25	7.50 mV	0.64 mV	ok
VDC	70 V	30.99872 V	31.00000 V	1.28 mV	11	11.65 mV	0.67 mV	ok
VDC	70 V	69.9974 V	70.0000 V	2.6 mV	15	17.5 mV	1.5 mV	ok
VDC	70 V	-30.99837 V	-31.00000 V	-1.63 mV	-14	11.65 mV	0.67 mV	ok
VDC	70 V	-69.9959 V	-70.0000 V	-4.1 mV	-23	17.5 mV	1.5 mV	ok
VDC	140 V	70.9976 V	71.0000 V	2.4 mV	10	24.7 mV	1.5 mV	ok
VDC	140 V	139.9969 V	140.0000 V	3.1 mV	9	35.0 mV	3.0 mV	ok
VDC	140 V	-70.9965 V	-71.0000 V	-3.5 mV	-14	24.7 mV	1.5 mV	ok
VDC	140 V	-139.9939 V	-140.0000 V	-6.1 mV	-17	35.0 mV	3.0 mV	ok
VDC	280 V	140.9978 V	141.0000 V	2.2 mV	4	49.2 mV	3.0 mV	ok
VDC	280 V	279.9932 V	280.0000 V	6.8 mV	10	70.0 mV	5.9 mV	ok
VDC	280 V	-140.9942 V	-141.0000 V	-5.8 mV	-12	49.2 mV	3.0 mV	ok
VDC	280 V	-279.9872 V	-280.0000 V	-12.8 mV	-18	70.0 mV	6.0 mV	ok
VAC	10 V	0.99986 V; 40Hz	1.00000 V	0.14 mV	12	1.12 mV	0.12 mV	ok
VAC	10 V	4.99990 V; 40Hz	5.00000 V	0.10 mV	6	1.60 mV	0.59 mV	ok
VAC	10 V	10.0000 V; 15Hz	10.0000 V	-0.0 mV	-1	2.6 mV	1.2 mV	ok
VAC	10 V	9.9998 V; 70Hz	10.0000 V	0.2 mV	10	2.2 mV	1.2 mV	ok
VAC	10 V	9.9999 V; 1kHz	10.0000 V	0.1 mV	3	2.6 mV	1.2 mV	ok
VAC	30 V	10.9993 V; 40Hz	11.0000 V	0.7 mV	15	4.3 mV	1.3 mV	ok
VAC	30 V	29.9989 V; 15Hz	30.0000 V	1.1 mV	14	7.8 mV	3.6 mV	ok
VAC	30 V	29.9980 V; 70Hz	30.0000 V	2.0 mV	30	6.6 mV	3.6 mV	ok
VAC	30 V	29.9983 V; 1kHz	30.0000 V	1.7 mV	22	7.8 mV	3.7 mV	ok
VAC	70 V	30.9982 V; 40Hz	31.0000 V	1.8 mV	17	10.7 mV	3.7 mV	ok
VAC	70 V	69.9984 V; 15Hz	70.0000 V	1.6 mV	9	18.2 mV	8.3 mV	ok
VAC	70 V	69.9963 V; 70Hz	70.0000 V	3.7 mV	24	15.4 mV	8.3 mV	ok
VAC	70 V	69.9977 V; 1kHz	70.0000 V	2.3 mV	13	18.2 mV	8.6 mV	ok
VAC	140 V	70.9966 V; 40Hz	71.0000 V	3.4 mV	15	22.5 mV	8.5 mV	ok
VAC	140 V	139.999 V; 15Hz	140.000 V	1 mV	2	36 mV	17 mV	ok
VAC	140 V	139.995 V; 70Hz	140.000 V	5 mV	16	31 mV	17 mV	ok
VAC	140 V	140.000 V; 1kHz	140.000 V	0 mV	1	36 mV	17 mV	ok
VAC	280 V	140.996 V; 40Hz	141.000 V	4 mV	8	45 mV	17 mV	ok
VAC	280 V	199.994 V; 40Hz	200.000 V	6 mV	11	52 mV	24 mV	ok
VAC	280 V	279.999 V; 15Hz	280.000 V	1 mV	1	73 mV	33 mV	ok
VAC	280 V	279.990 V; 70Hz	280.000 V	10 mV	15	62 mV	33 mV	ok
VAC	280 V	279.991 V; 1kHz	280.000 V	9 mV	13	73 mV	34 mV	ok
VAC	600 V	299.989 V; 40Hz	300.000 V	11 mV	10	108 mV	36 mV	ok
VAC	600 V	299.981 V; 1kHz	300.000 V	19 mV	14	132 mV	37 mV	ok
VAC	600 V	449.978 V; 55Hz	450.000 V	22 mV	17	132 mV	54 mV	ok
VAC	600 V	599.972 V; 20Hz	600.000 V	28 mV	14	204 mV	71 mV	ok
VAC	600 V	599.968 V; 70Hz	600.000 V	32 mV	20	156 mV	71 mV	ok
SIN mode, DC/AC Current								
IDC	300 mA	8.01308 mA	8.00000 mA	-13.08 uA	-42	31.40 uA	0.33 uA	ok
IDC	300 mA	30.00678 mA	30.00000 mA	-6.78 uA	-19	35.25 uA	0.73 uA	ok
IDC	300 mA	80.0146 mA	80.0000 mA	-14.6 uA	-33	44.0 uA	2.1 uA	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
IDC	300 mA	110.0159 mA	110.0000 mA	-15.9 uA	-32	49.3 uA	2.8 uA	ok
IDC	300 mA	160.0172 mA	160.0000 mA	-17.2 uA	-30	58.0 uA	3.9 uA	ok
IDC	300 mA	210.0169 mA	210.0000 mA	-16.9 uA	-25	66.8 uA	5.1 uA	ok
IDC	300 mA	260.0151 mA	260.0000 mA	-15.1 uA	-20	75.5 uA	6.3 uA	ok
IDC	300 mA	300.0124 mA	300.0000 mA	-12.4 uA	-15	82.5 uA	7.2 uA	ok
IDC	300 mA	-8.00262 mA	-8.00000 mA	2.62 uA	8	31.40 uA	0.40 uA	ok
IDC	300 mA	-29.99566 mA	-30.00000 mA	-4.34 uA	-12	35.25 uA	0.82 uA	ok
IDC	300 mA	-300.0048 mA	-300.0000 mA	4.8 uA	6	82.5 uA	7.3 uA	ok
IDC	1 A	0.3100294 A	0.3100000 A	-0.0294 mA	-19	0.1543 mA	0.0076 mA	ok
IDC	1 A	-0.3100055 A	-0.3100000 A	0.0055 mA	4	0.1543 mA	0.0078 mA	ok
IDC	1 A	1.000006 A	1.000000 A	-0.006 mA	-2	0.275 mA	0.026 mA	ok
IDC	1 A	-0.999975 A	-1.000000 A	-0.025 mA	-9	0.275 mA	0.026 mA	ok
IDC	2 A	1.100010 A	1.100000 A	-0.010 mA	-3	0.393 mA	0.035 mA	ok
IDC	2 A	1.799999 A	1.800000 A	0.001 mA	0	0.515 mA	0.056 mA	ok
IDC	2 A	-1.099965 A	-1.100000 A	-0.035 mA	-9	0.393 mA	0.035 mA	ok
IDC	2 A	-1.799947 A	-1.800000 A	-0.053 mA	-10	0.515 mA	0.056 mA	ok
IDC	5 A	2.10015 A	2.10000 A	-0.15 mA	-18	0.87 mA	0.10 mA	ok
IDC	5 A	5.00004 A	5.00000 A	-0.04 mA	-3	1.38 mA	0.24 mA	ok
IDC	5 A	-2.10015 A	-2.10000 A	0.15 mA	17	0.87 mA	0.10 mA	ok
IDC	5 A	-4.99989 A	-5.00000 A	-0.11 mA	-8	1.38 mA	0.24 mA	ok
IDC	10 A	5.09994 A	5.10000 A	0.06 mA	2	2.57 mA	0.20 mA	ok
IDC	10 A	9.99967 A	10.00000 A	0.33 mA	9	3.60 mA	0.39 mA	ok
IDC	10 A	-5.09997 A	-5.10000 A	-0.03 mA	-1	2.57 mA	0.20 mA	ok
IDC	10 A	-9.99960 A	-10.00000 A	-0.40 mA	-11	3.60 mA	0.39 mA	ok
IDC	30 A	10.10199 A	10.10000 A	-1.99 mA	-29	6.97 mA	0.44 mA	ok
IDC	30 A	-10.10209 A	-10.10000 A	2.09 mA	30	6.97 mA	0.44 mA	ok
IDC	30 A	30.0009 A	30.0000 A	-0.9 mA	-7	11.9 mA	1.4 mA	ok
IDC	30 A	-30.0001 A	-30.0000 A	0.1 mA	1	11.9 mA	1.4 mA	ok
IAC	300 mA	10.0065 mA; 40Hz	10.0000 mA	-6.5 uA	-20	31.8 uA	1.2 uA	ok
IAC	300 mA	10.0123 mA; 1kHz	10.0000 mA	-12.3 uA	-20	62.1 uA	1.2 uA	ok
IAC	300 mA	30.0003 mA; 40Hz	30.0000 mA	-0.3 uA	-1	35.3 uA	3.5 uA	ok
IAC	300 mA	300.030 mA; 15Hz	300.000 mA	-30 uA	-24	123 uA	36 uA	ok
IAC	300 mA	300.019 mA; 70Hz	300.000 mA	-19 uA	-23	83 uA	36 uA	ok
IAC	300 mA	300.021 mA; 1kHz	300.000 mA	-21 uA	-17	123 uA	36 uA	ok
IAC	1 A	0.310021 A; 40Hz	0.310000 A	-0.021 mA	-14	0.154 mA	0.037 mA	ok
IAC	1 A	0.310023 A; 1kHz	0.310000 A	-0.023 mA	-9	0.265 mA	0.037 mA	ok
IAC	1 A	1.00006 A; 15Hz	1.00000 A	-0.06 mA	-15	0.41 mA	0.12 mA	ok
IAC	1 A	1.00002 A; 70Hz	1.00000 A	-0.02 mA	-8	0.28 mA	0.12 mA	ok
IAC	1 A	0.99997 A; 1kHz	1.00000 A	0.03 mA	8	0.41 mA	0.12 mA	ok
IAC	2 A	1.10009 A; 40Hz	1.10000 A	-0.09 mA	-22	0.39 mA	0.13 mA	ok
IAC	2 A	1.10003 A; 1kHz	1.10000 A	-0.03 mA	-5	0.63 mA	0.13 mA	ok
IAC	2 A	1.80015 A; 15Hz	1.80000 A	-0.15 mA	-19	0.78 mA	0.22 mA	ok
IAC	2 A	1.80009 A; 70Hz	1.80000 A	-0.09 mA	-17	0.52 mA	0.22 mA	ok
IAC	2 A	1.80003 A; 1kHz	1.80000 A	-0.03 mA	-4	0.78 mA	0.22 mA	ok
IAC	5 A	2.10022 A; 40Hz	2.10000 A	-0.22 mA	-25	0.87 mA	0.27 mA	ok
IAC	5 A	2.10021 A; 1kHz	2.10000 A	-0.21 mA	-14	1.44 mA	0.27 mA	ok
IAC	5 A	5.00029 A; 15Hz	5.00000 A	-0.29 mA	-14	2.05 mA	0.65 mA	ok
IAC	5 A	5.00012 A; 70Hz	5.00000 A	-0.12 mA	-9	1.38 mA	0.65 mA	ok
IAC	10 A	5.10023 A; 40Hz	5.10000 A	-0.23 mA	-9	2.57 mA	0.64 mA	ok
IAC	10 A	10.0004 A; 15Hz	10.0000 A	-0.4 mA	-8	4.8 mA	1.3 mA	ok
IAC	10 A	10.0002 A; 70Hz	10.0000 A	-0.2 mA	-5	3.6 mA	1.3 mA	ok
IAC	10 A	10.0000 A; 1kHz	10.0000 A	0.0 mA	0	6.0 mA	1.3 mA	ok
IAC	30 A	10.1019 A; 40Hz	10.1000 A	-1.9 mA	-28	6.6 mA	1.3 mA	ok
IAC	30 A	30.0010 A; 15Hz	30.0000 A	-1.0 mA	-6	16.5 mA	3.9 mA	ok
IAC	30 A	29.9996 A; 70Hz	30.0000 A	0.4 mA	4	10.8 mA	3.9 mA	ok
IAC	30 A	30.0002 A; 1kHz	30.0000 A	-0.2 mA	-1	21.0 mA	3.9 mA	ok

Frequency								
FREQ	1 kHz	0.06000035 kHz; 10V	0.06000000 kHz	-0.00035 Hz	-12	0.00300 Hz	0.00094 Hz	ok
FREQ	1 kHz	0.5000055 kHz; 10V	0.50000000 kHz	-0.0055 Hz	-22	0.0250 Hz	0.0058 Hz	ok
FREQ	1 kHz	1.000011 kHz; 10V	1.00000000 kHz	-0.011 Hz	-22	0.050 Hz	0.012 Hz	ok

Modulation mode, AC Voltage/Current amplitude								
VAC-MOD	10 V	0.99994 V; 50Hz	1.00000 V	0.06 mV	0	20.00 mV	0.12 mV	ok
VAC-MOD	10 V	9.9995 V; 60Hz	10.0000 V	0.5 mV	2	20.0 mV	1.2 mV	ok
VAC-MOD	30 V	10.9991 V; 50Hz	11.0000 V	0.9 mV	2	60.0 mV	1.3 mV	ok
VAC-MOD	30 V	29.9975 V; 60Hz	30.0000 V	2.5 mV	4	60.0 mV	3.6 mV	ok
VAC-MOD	70 V	30.9977 V; 50Hz	31.0000 V	2.3 mV	2	140.0 mV	3.7 mV	ok
VAC-MOD	70 V	69.9941 V; 60Hz	70.0000 V	5.9 mV	4	140.0 mV	8.3 mV	ok
VAC-MOD	140 V	70.9958 V; 50Hz	71.0000 V	4.2 mV	2	280.0 mV	8.5 mV	ok
VAC-MOD	140 V	139.990 V; 60Hz	140.000 V	10 mV	4	280 mV	17 mV	ok
VAC-MOD	280 V	140.994 V; 50Hz	141.000 V	6 mV	1	560 mV	17 mV	ok
VAC-MOD	280 V	279.988 V; 60Hz	280.000 V	12 mV	2	560 mV	33 mV	ok
IAC-MOD	300 mA	29.9993 mA; 50Hz	30.0000 mA	0.7 uA	0	600.0 uA	3.5 uA	ok
IAC-MOD	300 mA	300.008 mA; 60Hz	300.000 mA	-8 uA	-1	600 uA	36 uA	ok
IAC-MOD	1 A	0.400017 A; 50Hz	0.400000 A	-0.017 mA	-1	2.000 mA	0.048 mA	ok
IAC-MOD	1 A	0.99998 A; 60Hz	1.00000 A	0.02 mA	1	2.00 mA	0.12 mA	ok
IAC-MOD	2 A	1.09996 A; 50Hz	1.10000 A	0.04 mA	1	4.00 mA	0.13 mA	ok
IAC-MOD	2 A	2.00002 A; 60Hz	2.00000 A	-0.02 mA	-1	4.00 mA	0.24 mA	ok
IAC-MOD	5 A	2.10001 A; 50Hz	2.10000 A	-0.01 mA	0	10.00 mA	0.27 mA	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
IAC-MOD	5 A	4.99989 A; 60Hz	5.00000 A	0.11 mA	1	10.00 mA	0.65 mA	ok
IAC-MOD	10 A	5.09974 A; 50Hz	5.10000 A	0.26 mA	1	20.00 mA	0.64 mA	ok
IAC-MOD	10 A	9.9999 A; 60Hz	10.0000 A	0.1 mA	0	20.0 mA	1.3 mA	ok
IAC-MOD	30 A	10.1010 A; 50Hz	10.1000 A	-1.0 mA	-2	60.0 mA	1.3 mA	ok
IAC-MOD	30 A	29.9989 A; 60Hz	30.0000 A	1.1 mA	2	60.0 mA	3.9 mA	ok
Harmonic mode, AC Voltage/Current, harmonic amplitude								
VAC-HAR	30 %	12.0032 %	12.0000 %	-0.003 %	-3	0.125 %	0.0028 %	ok
8V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0030 %	16.0000 %	-0.003 %	-2	0.125 %	0.0037 %	ok
8V, 55Hz, 5HAR								
VAC-HAR	30 %	14.0001 %	14.0000 %	-0.000 %	0	0.125 %	0.0032 %	ok
8V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00164 %	3.00000 %	-0.002 %	-1	0.125 %	0.0007 %	ok
8V, 55Hz, 13HAR								
VAC-HAR	30 %	3.00101 %	3.00000 %	-0.001 %	-1	0.125 %	0.0007 %	ok
8V, 55Hz, 25HAR								
VAC-HAR	30 %	2.99413 %	3.00000 %	0.006 %	2	0.250 %	0.0007 %	ok
8V, 55Hz, 63HAR								
VAC-HAR	30 %	12.0029 %	12.0000 %	-0.003 %	-2	0.122 %	0.0028 %	ok
230V, 55Hz, 3HAR								
VAC-HAR	30 %	16.0026 %	16.0000 %	-0.003 %	-2	0.122 %	0.0037 %	ok
230V, 55Hz, 5HAR								
VAC-HAR	30 %	13.9994 %	14.0000 %	0.001 %	1	0.122 %	0.0032 %	ok
230V, 55Hz, 7HAR								
VAC-HAR	30 %	3.00153 %	3.00000 %	-0.002 %	-1	0.122 %	0.0007 %	ok
230V, 55Hz, 13HAR								
VAC-HAR	30 %	3.00093 %	3.00000 %	-0.001 %	-1	0.122 %	0.0007 %	ok
230V, 55Hz, 25HAR								
VAC-HAR	30 %	2.99125 %	3.00000 %	0.009 %	4	0.243 %	0.0007 %	ok
230V, 55Hz, 63HAR								
VAC-HAR	30 %	4.9896 %	5.0000 %	0.010 %	9	0.122 %	0.0012 %	ok
230V, 100Hz, 30HAR								
VAC-HAR	30 %	4.9665 %	5.0000 %	0.033 %	14	0.243 %	0.0011 %	ok
230V, 100Hz, 50HAR								
IAC-HAR	30 %	12.0006 %	12.0000 %	-0.001 %	0	0.125 %	0.0028 %	ok
1.6A, 55Hz, 3HAR								
IAC-HAR	30 %	16.0000 %	16.0000 %	-0.000 %	0	0.125 %	0.0037 %	ok
1.6A, 55Hz, 5HAR								
IAC-HAR	30 %	13.9982 %	14.0000 %	0.002 %	1	0.125 %	0.0032 %	ok
1.6A, 55Hz, 7HAR								
IAC-HAR	30 %	2.99855 %	3.00000 %	0.001 %	1	0.125 %	0.0007 %	ok
1.6A, 55Hz, 13HAR								
IAC-HAR	30 %	3.00130 %	3.00000 %	-0.001 %	-1	0.250 %	0.0007 %	ok
8A, 55Hz, 25HAR								
IAC-HAR	30 %	3.00309 %	3.00000 %	-0.003 %	-1	0.500 %	0.0007 %	ok
8A, 55Hz, 63HAR								
IAC-HAR	30 %	12.0019 %	12.0000 %	-0.002 %	-1	0.240 %	0.0028 %	ok
25A, 55Hz, 3HAR								
IAC-HAR	30 %	16.0054 %	16.0000 %	-0.005 %	-2	0.240 %	0.0037 %	ok
25A, 55Hz, 5HAR								
IAC-HAR	30 %	14.0084 %	14.0000 %	-0.008 %	-3	0.240 %	0.0032 %	ok
25A, 55Hz, 7HAR								
IAC-HAR	30 %	3.00589 %	3.00000 %	-0.006 %	-2	0.240 %	0.0007 %	ok
25A, 55Hz, 13HAR								
IAC-HAR	30 %	3.01055 %	3.00000 %	-0.011 %	-4	0.240 %	0.0007 %	ok
25A, 55Hz, 25HAR								
IAC-HAR	30 %	3.04077 %	3.00000 %	-0.041 %	-4	0.960 %	0.0007 %	ok
25A, 55Hz, 63HAR								
IAC-HAR	30 %	5.0553 %	5.0000 %	-0.055 %	-23	0.240 %	0.0012 %	ok
25A, 100Hz, 30HAR								
IAC-HAR	30 %	5.1316 %	5.0000 %	-0.132 %	-14	0.960 %	0.0012 %	ok
25A, 100Hz, 50HAR								
Interharmonic mode, AC Voltage/Current								
VAC-IHAR	10 V	1.99985 V	2.00000 V	0.15 mV	2	10.00 mV	0.24 mV	ok
110Hz, 8V, 55Hz								
VAC-IHAR	280 V	29.9987 V	30.0000 V	1.3 mV	0	280.0 mV	3.6 mV	ok
110Hz, 230V, 55Hz								
IAC-IHAR	300 mA	29.9994 mA	30.0000 mA	0.6 uA	0	300.0 uA	3.6 uA	ok
110Hz, 270mA, 55Hz								
IAC-IHAR	30 A	1.00039 A	1.00000 A	-0.39 mA	-1	60.00 mA	0.13 mA	ok
110Hz, 25A, 55Hz								
Modulation mode, Depth of modulation								
MOD-VAC	280 V	46.007 V	46.000 V	-7 mV	-1	560 mV	45 mV	ok
50mHz, 230V, 55Hz								
MOD-VAC	140 V	34.480 V	34.500 V	20 mV	7	280 mV	24 mV	ok
50mHz, 115V, 55Hz								
MOD-IAC	2 A	0.47883 A	0.48000 A	1.17 mA	29	4.00 mA	0.34 mA	ok

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
50mHz, 1.6A, 55Hz								
MOD-IAC	30 A	2.9947 A	3.0000 A	5.3 mA	9	60.0 mA	2.9 mA	ok
50mHz, 15A, 55Hz								
SIN mode, DC/AC electric Power								
P-DC	8.4 W	8.40127 W	8.40000 W	-1.27 mW	-13	10.08 mW	0.41 mW	ok
280V, 30mA								
P-DC	280 W	279.984 W	280.000 W	16 mW	15	106 mW	15 mW	ok
280V, 1A								
P-DC	700 W	699.967 W	700.000 W	33 mW	12	266 mW	46 mW	ok
140V, 5A								
P-DC	4.2 kW	4.19995 kW	4.20000 kW	0.05 W	2	2.02 W	0.27 W	ok
140V, 30A								
P-AC	84 W	84.001 W	84.000 W	-1 mW	-3	31 mW	15 mW	ok
280V, 300mA, 55Hz, 0°								
P-AC	84 W	42.0004 W	42.0000 W	-0.4 mW	0	197.4 mW	8.0 mW	ok
280V, 300mA, 55Hz, 60°								
P-AC	84 W	42.0032 W	42.0000 W	-3.2 mW	-16	19.7 mW	8.0 mW	ok
280V, 300mA, 55Hz, 300°								
P-AC	280 W	279.997 W	280.000 W	3 mW	3	104 mW	40 mW	ok
280V, 1A, 55Hz, 0°								
P-AC	280 W	140.001 W	140.000 W	-1 mW	-2	66 mW	23 mW	ok
280V, 1A, 55Hz, 60°								
P-AC	280 W	140.001 W	140.000 W	-1 mW	-2	66 mW	23 mW	ok
280V, 1A, 55Hz, 300°								
P-AC	700 W	700.00 W	700.00 W	-2 mW	-1	259 mW	153 mW	ok
140V, 5A, 55Hz, 0°								
P-AC	700 W	350.001 W	350.000 W	-1 mW	-1	165 mW	81 mW	ok
140V, 5A, 55Hz, 60°								
P-AC	700 W	349.987 W	350.000 W	13 mW	8	165 mW	81 mW	ok
140V, 5A, 55Hz, 300°								
P-AC	4.2 kW	4.19975 kW	4.20000 kW	0.25 W	13	1.93 W	0.92 W	ok
140V, 30A, 55Hz, 0°								
P-AC	4.2 kW	2.0997 kW	2.1000 kW	0.3 W	10	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 60°								
P-AC	4.2 kW	2.1000 kW	2.1000 kW	0.0 W	1	3.3 W	1.7 W	ok
140V, 30A, 55Hz, 300°								
SIN mode, Voltage phase shift, relative to internal reference								
PHA-U	360 °	60.00565 °	60.00000 °	-0.00565 °	-19	0.03000 °	0.00045 °	ok
1A, 5V, 15Hz								
PHA-U	360 °	59.99657 °	60.00000 °	0.00343 °	34	0.01000 °	0.00233 °	ok
1A, 20V, 70Hz								
PHA-U	360 °	59.96412 °	60.00000 °	0.03588 °	36	0.10000 °	0.01212 °	ok
1A, 50V, 400Hz								
PHA-U	360 °	59.99861 °	60.00000 °	0.00139 °	14	0.01000 °	0.00213 °	ok
1A, 125V, 70Hz								
PHA-U	360 °	59.97333 °	60.00000 °	0.02667 °	27	0.10000 °	0.01209 °	ok
1A, 200V, 400Hz								
PHA-U	360 °	59.92601 °	60.00000 °	0.07399 °	18	0.40000 °	0.02939 °	ok
1A, 300V, 1kHz								
Harmonic mode, Voltage phase shift, relative to internal reference								
PHA-UHAR	360 °	-0.00417 °	0.00000 °	0.00417 °	2	0.20000 °	0.00163 °	ok
10V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	59.99116 °	60.00000 °	0.00884 °	2	0.39600 °	0.00476 °	ok
8V, 55Hz, 4HAR, 19%								
PHA-UHAR	360 °	59.96126 °	60.00000 °	0.03874 °	2	1.88100 °	0.02197 °	ok
8V, 55Hz, 19HAR, 25%								
PHA-UHAR	360 °	-0.03842 °	0.00000 °	0.03842 °	19	0.20000 °	0.00163 °	ok
200V, 55Hz, 1HAR, 100%								
PHA-UHAR	360 °	59.74240 °	60.00000 °	0.25760 °	37	0.69300 °	0.00817 °	ok
200V, 55Hz, 7HAR, 29%								
PHA-UHAR	360 °	59.59718 °	60.00000 °	0.40282 °	37	1.08900 °	0.01275 °	ok
200V, 55Hz, 11HAR, 20%								
SIN mode, Current phase shift, relative to internal reference								
PHA-I	360 °	60.00147 °	60.00000 °	-0.00147 °	-5	0.03000 °	0.00088 °	ok
200mA, 10V, 15Hz								
PHA-I	360 °	59.99875 °	60.00000 °	0.00125 °	13	0.01000 °	0.00212 °	ok
800mA, 10V, 70Hz								
PHA-I	360 °	59.99227 °	60.00000 °	0.00773 °	8	0.10000 °	0.01209 °	ok
1.8A, 10V, 400Hz								
PHA-I	360 °	60.00371 °	60.00000 °	-0.00371 °	-12	0.03000 °	0.00044 °	ok
4A, 10V, 15Hz								
PHA-I	360 °	60.00088 °	60.00000 °	-0.00088 °	-9	0.01000 °	0.00214 °	ok
8A, 10V, 70Hz								
PHA-I	360 °	59.97948 °	60.00000 °	0.02052 °	21	0.10000 °	0.01211 °	ok
15A, 10V, 400Hz								

Measurement Results:

Function	Range	Measured Value	Nominal	Error	%spec	Spec	Uncertainty	
Harmonic mode, Current phase shift, relative to internal reference								
PHA-IHAR	360 °	-0.00645 °	0.00000 °	0.00645 °	3	0.20000 °	0.00163 °	ok
800mA, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.96956 °	60.00000 °	0.03044 °	10	0.29700 °	0.00365 °	ok
800mA, 55Hz, 3HAR, 14%								
PHA-IHAR	360 °	59.93234 °	60.00000 °	0.06766 °	9	0.79200 °	0.00931 °	ok
800mA, 55Hz, 8HAR, 16%								
PHA-IHAR	360 °	-0.02483 °	0.00000 °	0.02483 °	12	0.20000 °	0.00163 °	ok
15A, 55Hz, 1HAR, 100%								
PHA-IHAR	360 °	59.84273 °	60.00000 °	0.15727 °	13	1.18800 °	0.01391 °	ok
15A, 55Hz, 12HAR, 27%								
PHA-IHAR	360 °	59.72828 °	60.00000 °	0.27172 °	14	1.98000 °	0.02313 °	ok
15A, 55Hz, 20HAR, 29%								
SIN mode, Voltage from Current phase shift, relative to internal reference								
PHA-IOUT	360 °	60.00459 °; 5V, 55Hz	60.00000 °	-0.00459 °	-46	0.01000 °	0.00116 °	ok
SIN mode, DC/AC Voltage from Current								
VDC-IOUT	20 mV	0.99849 mV	1.00000 mV	1.51 uV	7	20.50 uV	0.38 uV	ok
VDC-IOUT	20 mV	-1.00241 mV	-1.00000 mV	2.41 uV	12	20.50 uV	0.37 uV	ok
VDC-IOUT	20 mV	18.99952 mV	19.00000 mV	0.48 uV	2	29.50 uV	0.61 uV	ok
VDC-IOUT	20 mV	-19.00227 mV	-19.00000 mV	2.27 uV	8	29.50 uV	0.60 uV	ok
VDC-IOUT	330 mV	21.00549 mV	21.00000 mV	-5.49 uV	-3	208.50 uV	0.71 uV	ok
VDC-IOUT	330 mV	-21.01641 mV	-21.00000 mV	16.41 uV	8	208.50 uV	0.73 uV	ok
VDC-IOUT	330 mV	320.0007 mV	320.0000 mV	-0.7 uV	0	358.0 uV	4.0 uV	ok
VDC-IOUT	330 mV	-320.0046 mV	-320.0000 mV	4.6 uV	1	358.0 uV	4.6 uV	ok
VDC-IOUT	5 V	0.3401522 V	0.3400000 V	-0.1522 mV	-13	1.1700 mV	0.0081 mV	ok
VDC-IOUT	5 V	-0.340203 V	-0.3400000 V	0.203 mV	17	1.170 mV	0.015 mV	ok
VDC-IOUT	5 V	5.000048 V	5.0000000 V	-0.048 mV	-1	3.500 mV	0.059 mV	ok
VDC-IOUT	5 V	-5.000031 V	-5.0000000 V	0.031 mV	1	3.500 mV	0.076 mV	ok
VAC-IOUT	20 mV	1.00114 mV; 15Hz	1.00000 mV	-1.14 uV	-6	20.50 uV	0.21 uV	ok
VAC-IOUT	20 mV	19.0010 mV; 400Hz	19.0000 mV	-0.9 uV	-3	29.5 uV	2.3 uV	ok
VAC-IOUT	330 mV	300.019 mV; 15Hz	300.000 mV	-19 uV	-5	348 uV	35 uV	ok
VAC-IOUT	5 V	4.00011 V; 400Hz	4.00000 V	-0.11 mV	-4	3.00 mV	0.46 mV	ok
METER								
DC Voltage								
VDC	12 V	2.0001 V	2.0004 V	0.232 mV	17	1.400 mV	0.072 mV	ok
VDC	12 V	4.0002 V	4.0004 V	0.22 mV	14	1.60 mV	0.10 mV	ok
VDC	12 V	6.0001 V	6.0003 V	0.22 mV	12	1.80 mV	0.14 mV	ok
VDC	12 V	8.0000 V	8.0002 V	0.16 mV	8	2.00 mV	0.17 mV	ok
VDC	12 V	10.0000 V	10.0000 V	0.03 mV	1	2.20 mV	0.21 mV	ok
VDC	12 V	-2.0000 V	-1.9998 V	0.159 mV	11	1.400 mV	0.072 mV	ok
VDC	12 V	-9.9999 V	-10.0000 V	-0.18 mV	-8	2.20 mV	0.21 mV	ok
VDC	12 V	1.0001 V	1.0003 V	0.208 mV	16	1.300 mV	0.063 mV	ok
DC Current								
IDC	25 mA	8.0074 mA	8.0074 mA	0.05 uA	2	3.30 uA	0.15 uA	ok
IDC	25 mA	10.0061 mA	10.0059 mA	-0.13 uA	-4	3.50 uA	0.18 uA	ok
IDC	25 mA	15.0026 mA	15.0023 mA	-0.24 uA	-6	4.00 uA	0.26 uA	ok
IDC	25 mA	19.9978 mA	19.9981 mA	0.25 uA	6	4.50 uA	0.34 uA	ok
IDC	25 mA	23.9966 mA	23.9967 mA	0.13 uA	3	4.90 uA	0.41 uA	ok
IDC	25 mA	-8.0005 mA	-8.0004 mA	0.13 uA	4	3.30 uA	0.15 uA	ok
IDC	25 mA	-23.9916 mA	-23.9914 mA	0.27 uA	6	4.90 uA	0.41 uA	ok
IDC	25 mA	-14.9961 mA	-14.9961 mA	-0.04 uA	-1	4.00 uA	0.26 uA	ok
Frequency								
FREQ	1 kHz	120.001 Hz; 50V	120.000 Hz	-1.4 mHz	-23	6.0 mHz	1.6 mHz	ok
FREQ	1 kHz	1.00001 kHz; 50V	1.00000 kHz	-0.011 Hz	-23	0.050 Hz	0.013 Hz	ok

ok ... passed

Statement of Compliance:

Passed