

Manufacturer	Wavetek-Datron	Calibration date	August 04 2018
Model Number	4920M	Ambient Temperature	0.00 °C
Serial	STDW	Relative Humidity	0.00 %
ID Number	MD5700A	Pressure	0.00
Notes	Post-caltest	Test type	M5700

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
DUT MFC	Fluke	5700A	None	x26	ID02	07/04/2018	07/04/2019
AVMS	Wavetek	4920M	80	29336	XA01	07/11/2017	07/11/2018
DMM	Keithley	2002	MEM2	0603805	XD4	02/25/2018	02/25/2019
STDR	ESI	SR104	10000.0012 KΩ	±1.00 ppm	XR04	06/30/2018	12/30/2018
STDR	xDevs.com/Fluke	SL935	1.00005942 Ω	±0.17 ppm	XR03	05/31/2018	05/31/2019
STDR	xDevs.com/Fluke	SL935	9999.9755 kΩ	±0.33 ppm	XR02	05/31/2018	05/31/2019
DC STD	Wavetek	7000	10.0000007 VDC	±0.9 ppm	XD02	06/07/2018	12/08/2018
DC STD	xDevs.com	792X[2]	10.000009 VDC	±2.2 ppm	XD01	02/16/2018	08/16/2018

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

MFC last calibrated	3.0 days ago	MFC since DCV ZERO	3.0 days ago
MFC since WBFLAT	0.0 days ago	MFC since WBGAIN	0.0 days ago
MFC Confidence level	<b>24h 95%</b>	MFC Calibrate date	2018-08-01 00:00:00
MFC Calibrate date Zero	2018-08-01 00:00:00	Calibrate date WB Flatness	1988-10-01 00:00:00
Calibrate date WB Gain	1988-10-01 00:00:00	CAL CONST 6.5V reference voltage	6.53722688453
CAL CONST 13V reference voltage	13.0726000745	CAL CONST 22V range positive zero	398.18714
CAL CONST 22V range negative zero	398.1866	CAL CONST DAC Linearity	0.200823406349
CAL CONST 10KOHM true output resistance	9999.58538332	CAL CONST 10KOHM standard resistance	9999.79398185
CAL CONST, Zero calibration temperature	23.0	CAL CONST, All calibration temp	23.0
Meter Info	Wavetek-Datron,4920M, 29336,400935-01.01	Line frequency	60 Hz
Next calibration date	M:08 D:03 Y:19	Test date	August 04 2018 06:34
DUT Internal TEMP?	NONE	Calibration interval	365.0
PROG?	"ACV 1000,RESL7,FILT100HZ, OFF,INT"	Calibration temp (hardcode)	+24.0 °C

Test procedure : \$Id: w4920m.py | Rev 802 | 2018/08/04 04:25:48 tin\_fpga \$

Source procedure : \$Id: f5700a.py | Rev 802 | 2018/08/04 04:25:48 tin\_fpga \$

VAC Ranges performance test.  
 Checks calibration on 0.3V - 1000V ranges  
 The following test for the offset voltage specification using MFC source in local sense mode as reference.  
 Using uncorrected 24-hour MFC output.

Test Description	Measured Value	F5700A 24h			Ref/measured	W4920 Spec	Test Status
Full range ACV Test	0.1V-1000V	Source Uncertainty	Lower Limit	Upper Limit	Deviation	1y spec	Result
0.1 VAC @ 14.99983 Hz	0.1000037	140.45 ppm	0.099986	0.100014	37.000 ppm	75.0 ppm	PASS 17.17 %
0.1 VAC @ 19.9995 Hz	0.1000018	140.45 ppm	0.099986	0.100014	18.000 ppm	75.0 ppm	PASS 8.35 %
0.1 VAC @ 49.9994 Hz	0.1000000	140.45 ppm	0.099986	0.100014	0.000 ppm	30.0 ppm	PASS 0.00 %
0.1 VAC @ 99.9987 Hz	0.1000007	140.45 ppm	0.099986	0.100014	7.000 ppm	30.0 ppm	PASS 4.11 %
0.1 VAC @ 399.995 Hz	0.1000007	140.45 ppm	0.099986	0.100014	7.000 ppm	30.0 ppm	PASS 4.11 %
0.1 VAC @ 999.987 Hz	0.1000009	140.45 ppm	0.099986	0.100014	9.000 ppm	30.0 ppm	PASS 5.28 %
0.1 VAC @ 1.99997 kHz	0.1000009	140.45 ppm	0.099986	0.100014	9.000 ppm	30.0 ppm	PASS 5.28 %
0.1 VAC @ 2.99996 kHz	0.1000005	140.45 ppm	0.099986	0.100014	5.000 ppm	30.0 ppm	PASS 2.93 %
0.1 VAC @ 3.99995 kHz	0.1000007	140.45 ppm	0.099986	0.100014	7.000 ppm	30.0 ppm	PASS 4.11 %
0.1 VAC @ 4.99994 kHz	0.1000003	140.45 ppm	0.099986	0.100014	3.000 ppm	30.0 ppm	PASS 1.76 %
0.1 VAC @ 6.24992 kHz	0.1000000	140.45 ppm	0.099986	0.100014	0.000 ppm	30.0 ppm	PASS 0.00 %
0.1 VAC @ 7.9999 kHz	0.1000000	140.45 ppm	0.099986	0.100014	0.000 ppm	30.0 ppm	PASS 0.00 %
0.1 VAC @ 9.99987 kHz	0.0999992	140.45 ppm	0.099986	0.100014	-8.000 ppm	30.0 ppm	PASS 4.69 %
0.1 VAC @ 14.99981 kHz	0.0999987	140.45 ppm	0.099986	0.100014	-13.000 ppm	30.0 ppm	PASS 7.63 %
0.1 VAC @ 19.9997 kHz	0.0999974	140.45 ppm	0.099986	0.100014	-26.000 ppm	30.0 ppm	PASS 15.25 %
0.1 VAC @ 29.9996 kHz	0.0999962	345.45 ppm	0.099965	0.100035	-38.000 ppm	70.0 ppm	PASS 9.15 %
0.1 VAC @ 49.9994 kHz	0.0999949	345.45 ppm	0.099965	0.100035	-51.000 ppm	70.0 ppm	PASS 12.28 %
0.1 VAC @ 99.9987 kHz	0.0999941	886.36 ppm	0.099911	0.100089	-59.000 ppm	150.0 ppm	PASS 5.69 %
0.1 VAC @ 199.997 kHz	0.0999880	1100.00 ppm	0.099890	0.100110	-0.0120 %	300.0 ppm	PASS 8.57 %
0.1 VAC @ 299.996 kHz	0.0999640	1100.00 ppm	0.099890	0.100110	-0.0360 %	300.0 ppm	PASS 25.71 %
0.1 VAC @ 499.994 kHz	0.0999021	1700.00 ppm	0.099830	0.100170	-0.0979 %	300.0 ppm	PASS 48.95 %
0.1 VAC @ 699.991 kHz	0.0998453	3500.00 ppm	0.099650	0.100350	-0.1547 %	1000.0 ppm	PASS 34.38 %
0.1 VAC @ 999.987 kHz	0.0995724	3500.00 ppm	0.099650	0.100350	-0.4276 %	1000.0 ppm	PASS 95.02 %
0.2 VAC @ 14.99982 Hz	0.2000121	140.45 ppm	0.199972	0.200028	60.500 ppm	75.0 ppm	PASS 28.08 %
0.2 VAC @ 19.9998 Hz	0.2000016	140.45 ppm	0.199972	0.200028	8.000 ppm	75.0 ppm	PASS 3.71 %
0.2 VAC @ 49.9993 Hz	0.1999914	140.45 ppm	0.199972	0.200028	-43.000 ppm	30.0 ppm	PASS 25.23 %
0.2 VAC @ 99.9987 Hz	0.1999900	140.45 ppm	0.199972	0.200028	-50.000 ppm	30.0 ppm	PASS 29.33 %
0.2 VAC @ 399.995 Hz	0.1999894	140.45 ppm	0.199972	0.200028	-53.000 ppm	30.0 ppm	PASS 31.09 %
0.2 VAC @ 999.987 Hz	0.1999902	140.45 ppm	0.199972	0.200028	-49.000 ppm	30.0 ppm	PASS 28.75 %
0.2 VAC @ 1.99997 kHz	0.1999903	140.45 ppm	0.199972	0.200028	-48.500 ppm	30.0 ppm	PASS 28.45 %
0.2 VAC @ 2.99996 kHz	0.1999898	140.45 ppm	0.199972	0.200028	-51.000 ppm	30.0 ppm	PASS 29.92 %
0.2 VAC @ 3.99995 kHz	0.1999899	140.45 ppm	0.199972	0.200028	-50.500 ppm	30.0 ppm	PASS 29.63 %
0.2 VAC @ 4.99994 kHz	0.1999901	140.45 ppm	0.199972	0.200028	-49.500 ppm	30.0 ppm	PASS 29.04 %
0.2 VAC @ 6.24992 kHz	0.1999894	140.45 ppm	0.199972	0.200028	-53.000 ppm	30.0 ppm	PASS 31.09 %
0.2 VAC @ 7.9999 kHz	0.1999883	140.45 ppm	0.199972	0.200028	-58.500 ppm	30.0 ppm	PASS 34.32 %
0.2 VAC @ 9.99987 kHz	0.1999874	140.45 ppm	0.199972	0.200028	-63.000 ppm	30.0 ppm	PASS 36.96 %
0.2 VAC @ 14.99981 kHz	0.1999857	140.45 ppm	0.199972	0.200028	-71.500 ppm	30.0 ppm	PASS 41.95 %
0.2 VAC @ 19.9997 kHz	0.1999840	140.45 ppm	0.199972	0.200028	-80.000 ppm	30.0 ppm	PASS 46.93 %
0.2 VAC @ 29.9996 kHz	0.1999807	345.45 ppm	0.199931	0.200069	-96.500 ppm	70.0 ppm	PASS 23.23 %
0.2 VAC @ 49.9994 kHz	0.1999777	345.45 ppm	0.199931	0.200069	-0.0112 %	70.0 ppm	PASS 26.84 %
0.2 VAC @ 99.9987 kHz	0.1999702	886.36 ppm	0.199823	0.200177	-0.0149 %	150.0 ppm	PASS 14.38 %
0.2 VAC @ 199.997 kHz	0.1999489	1100.00 ppm	0.199780	0.200220	-0.0255 %	300.0 ppm	PASS 18.25 %
0.2 VAC @ 299.996 kHz	0.1999089	1100.00 ppm	0.199780	0.200220	-0.0456 %	300.0 ppm	PASS 32.54 %
0.2 VAC @ 499.994 kHz	0.1997720	1700.00 ppm	0.199660	0.200340	-0.1140 %	300.0 ppm	PASS 57.00 %
0.2 VAC @ 699.991 kHz	0.1996501	3500.00 ppm	0.199300	0.200700	-0.1750 %	1000.0 ppm	PASS 38.88 %
0.2 VAC @ 999.987 kHz	0.1991296	3500.00 ppm	0.199300	0.200700	-0.4352 %	1000.0 ppm	PASS 96.71 %
0.3 VAC @ 14.99982 Hz	0.3000186	73.18 ppm	0.299978	0.300022	62.000 ppm	75.0 ppm	PASS 41.84 %
0.3 VAC @ 19.9998 Hz	0.3000153	73.18 ppm	0.299978	0.300022	51.000 ppm	75.0 ppm	PASS 34.42 %
0.3 VAC @ 49.9994 Hz	0.3000098	73.18 ppm	0.299978	0.300022	32.667 ppm	30.0 ppm	PASS 31.66 %
0.3 VAC @ 99.9986 Hz	0.3000092	73.18 ppm	0.299978	0.300022	30.667 ppm	30.0 ppm	PASS 29.72 %
0.3 VAC @ 399.995 Hz	0.3000085	73.18 ppm	0.299978	0.300022	28.333 ppm	30.0 ppm	PASS 27.46 %
0.3 VAC @ 999.987 Hz	0.3000075	73.18 ppm	0.299978	0.300022	25.000 ppm	30.0 ppm	PASS 24.23 %
0.3 VAC @ 1.99997 kHz	0.3000091	73.18 ppm	0.299978	0.300022	30.333 ppm	30.0 ppm	PASS 29.40 %
0.3 VAC @ 2.99996 kHz	0.3000094	73.18 ppm	0.299978	0.300022	31.333 ppm	30.0 ppm	PASS 30.37 %
0.3 VAC @ 3.99995 kHz	0.3000095	73.18 ppm	0.299978	0.300022	31.667 ppm	30.0 ppm	PASS 30.69 %
0.3 VAC @ 4.99994 kHz	0.3000093	73.18 ppm	0.299978	0.300022	31.000 ppm	30.0 ppm	PASS 30.04 %
0.3 VAC @ 6.24992 kHz	0.3000075	73.18 ppm	0.299978	0.300022	25.000 ppm	30.0 ppm	PASS 24.23 %
0.3 VAC @ 7.9999 kHz	0.3000077	73.18 ppm	0.299978	0.300022	25.667 ppm	30.0 ppm	PASS 24.88 %
0.3 VAC @ 9.99987 kHz	0.3000090	73.18 ppm	0.299978	0.300022	30.000 ppm	30.0 ppm	PASS 29.08 %
0.3 VAC @ 14.99981 kHz	0.3000094	73.18 ppm	0.299978	0.300022	31.333 ppm	30.0 ppm	PASS 30.37 %

0.3 VAC @ 19.9997 kHz	0.3000108	73.18 ppm	0.299978	0.300022	36.000 ppm	30.0 ppm	PASS 34.89 %
0.3 VAC @ 29.9996 kHz	0.3000141	129.09 ppm	0.299961	0.300039	47.000 ppm	70.0 ppm	PASS 23.61 %
0.3 VAC @ 49.9994 kHz	0.3000272	129.09 ppm	0.299961	0.300039	90.667 ppm	70.0 ppm	PASS 45.54 %
0.3 VAC @ 99.9987 kHz	0.3000785	266.36 ppm	0.299920	0.300080	0.0262 %	150.0 ppm	PASS 62.85 %
0.3 VAC @ 199.997 kHz	0.3000060	468.18 ppm	0.299860	0.300140	20.000 ppm	300.0 ppm	PASS 2.60 %
0.3 VAC @ 299.996 kHz	0.3000317	468.18 ppm	0.299860	0.300140	0.0106 %	300.0 ppm	PASS 13.76 %
0.3 VAC @ 499.994 kHz	0.3000672	1200.00 ppm	0.299640	0.300360	0.0224 %	300.0 ppm	PASS 14.93 %
0.3 VAC @ 699.991 kHz	0.2991279	2500.00 ppm	0.299250	0.300750	-0.2907 %	1000.0 ppm	PASS 83.06 %
0.3 VAC @ 999.987 kHz	0.2977431	2500.00 ppm	0.299250	0.300750	-0.7523 %	1000.0 ppm	FAIL 214.94 %
1.0 VAC @ 14.99983 Hz	1.0000422	73.18 ppm	0.999927	1.000073	42.200 ppm	75.0 ppm	PASS 28.48 %
1.0 VAC @ 19.9997 Hz	1.0000205	73.18 ppm	0.999927	1.000073	20.500 ppm	75.0 ppm	PASS 13.83 %
1.0 VAC @ 49.9994 Hz	1.0000059	73.18 ppm	0.999927	1.000073	5.900 ppm	30.0 ppm	PASS 5.72 %
1.0 VAC @ 99.9987 Hz	1.0000027	73.18 ppm	0.999927	1.000073	2.700 ppm	30.0 ppm	PASS 2.62 %
1.0 VAC @ 399.995 Hz	1.0000004	73.18 ppm	0.999927	1.000073	0.400 ppm	30.0 ppm	PASS 0.39 %
1.0 VAC @ 999.987 Hz	1.0000012	73.18 ppm	0.999927	1.000073	1.200 ppm	30.0 ppm	PASS 1.16 %
1.0 VAC @ 1.99997 kHz	1.0000043	73.18 ppm	0.999927	1.000073	4.300 ppm	30.0 ppm	PASS 4.17 %
1.0 VAC @ 2.99996 kHz	1.0000064	73.18 ppm	0.999927	1.000073	6.400 ppm	30.0 ppm	PASS 6.20 %
1.0 VAC @ 3.99995 kHz	1.0000060	73.18 ppm	0.999927	1.000073	6.000 ppm	30.0 ppm	PASS 5.82 %
1.0 VAC @ 4.99993 kHz	1.0000058	73.18 ppm	0.999927	1.000073	5.800 ppm	30.0 ppm	PASS 5.62 %
1.0 VAC @ 6.24992 kHz	1.0000063	73.18 ppm	0.999927	1.000073	6.300 ppm	30.0 ppm	PASS 6.11 %
1.0 VAC @ 7.9999 kHz	1.0000040	73.18 ppm	0.999927	1.000073	4.000 ppm	30.0 ppm	PASS 3.88 %
1.0 VAC @ 9.99987 kHz	1.0000023	73.18 ppm	0.999927	1.000073	2.300 ppm	30.0 ppm	PASS 2.23 %
1.0 VAC @ 14.99981 kHz	0.9999999	73.18 ppm	0.999927	1.000073	-0.100 ppm	30.0 ppm	PASS 0.10 %
1.0 VAC @ 19.9997 kHz	0.9999977	73.18 ppm	0.999927	1.000073	-2.300 ppm	30.0 ppm	PASS 2.23 %
1.0 VAC @ 29.9996 kHz	0.9999932	129.09 ppm	0.999871	1.000129	-6.800 ppm	70.0 ppm	PASS 3.42 %
1.0 VAC @ 49.9994 kHz	0.9999776	129.09 ppm	0.999871	1.000129	-22.400 ppm	70.0 ppm	PASS 11.25 %
1.0 VAC @ 99.9987 kHz	0.9999241	266.36 ppm	0.999734	1.000266	-75.900 ppm	150.0 ppm	PASS 18.23 %
1.0 VAC @ 199.997 kHz	0.9996265	468.18 ppm	0.999532	1.000468	-0.0374 %	300.0 ppm	PASS 48.62 %
1.0 VAC @ 299.996 kHz	0.9991895	468.18 ppm	0.999532	1.000468	-0.0811 %	300.0 ppm	FAIL 105.51 %
1.0 VAC @ 499.994 kHz	0.9979975	1200.00 ppm	0.998800	1.001200	-0.2003 %	300.0 ppm	FAIL 133.50 %
1.0 VAC @ 699.991 kHz	0.9964020	2500.00 ppm	0.997500	1.002500	-0.3598 %	1000.0 ppm	FAIL 102.80 %
1.0 VAC @ 999.987 kHz	0.9925322	2500.00 ppm	0.997500	1.002500	-0.7468 %	1000.0 ppm	FAIL 213.37 %
2.0 VAC @ 14.99977 Hz	2.0001660	73.18 ppm	1.999854	2.000146	83.000 ppm	75.0 ppm	PASS 56.01 %
2.0 VAC @ 19.9997 Hz	2.0000630	73.18 ppm	1.999854	2.000146	31.500 ppm	75.0 ppm	PASS 21.26 %
2.0 VAC @ 49.9993 Hz	1.9999610	73.18 ppm	1.999854	2.000146	-19.500 ppm	30.0 ppm	PASS 18.90 %
2.0 VAC @ 99.9987 Hz	1.9999540	73.18 ppm	1.999854	2.000146	-23.000 ppm	30.0 ppm	PASS 22.29 %
2.0 VAC @ 399.995 Hz	1.9999560	73.18 ppm	1.999854	2.000146	-22.000 ppm	30.0 ppm	PASS 21.32 %
2.0 VAC @ 999.987 Hz	1.9999600	73.18 ppm	1.999854	2.000146	-20.000 ppm	30.0 ppm	PASS 19.38 %
2.0 VAC @ 1.99997 kHz	1.9999660	73.18 ppm	1.999854	2.000146	-17.000 ppm	30.0 ppm	PASS 16.48 %
2.0 VAC @ 2.99996 kHz	1.9999690	73.18 ppm	1.999854	2.000146	-15.500 ppm	30.0 ppm	PASS 15.02 %
2.0 VAC @ 3.99995 kHz	1.9999740	73.18 ppm	1.999854	2.000146	-13.000 ppm	30.0 ppm	PASS 12.60 %
2.0 VAC @ 4.99994 kHz	1.9999760	73.18 ppm	1.999854	2.000146	-12.000 ppm	30.0 ppm	PASS 11.63 %
2.0 VAC @ 6.24992 kHz	1.9999730	73.18 ppm	1.999854	2.000146	-13.500 ppm	30.0 ppm	PASS 13.08 %
2.0 VAC @ 7.9999 kHz	1.9999730	73.18 ppm	1.999854	2.000146	-13.500 ppm	30.0 ppm	PASS 13.08 %
2.0 VAC @ 9.99987 kHz	1.9999680	73.18 ppm	1.999854	2.000146	-16.000 ppm	30.0 ppm	PASS 15.51 %
2.0 VAC @ 14.99981 kHz	1.9999670	73.18 ppm	1.999854	2.000146	-16.500 ppm	30.0 ppm	PASS 15.99 %
2.0 VAC @ 19.9997 kHz	1.9999580	73.18 ppm	1.999854	2.000146	-21.000 ppm	30.0 ppm	PASS 20.35 %
2.0 VAC @ 29.9996 kHz	1.9999510	129.09 ppm	1.999742	2.000258	-24.500 ppm	70.0 ppm	PASS 12.31 %
2.0 VAC @ 49.9994 kHz	1.9999190	129.09 ppm	1.999742	2.000258	-40.500 ppm	70.0 ppm	PASS 20.34 %
2.0 VAC @ 99.9987 kHz	1.9997990	266.36 ppm	1.999467	2.000533	-0.0100 %	150.0 ppm	PASS 24.14 %
2.0 VAC @ 199.997 kHz	1.9992550	468.18 ppm	1.999064	2.000936	-0.0372 %	300.0 ppm	PASS 48.49 %
2.0 VAC @ 299.996 kHz	1.9983840	468.18 ppm	1.999064	2.000936	-0.0808 %	300.0 ppm	FAIL 105.18 %
2.0 VAC @ 499.994 kHz	1.9954480	1200.00 ppm	1.997600	2.002400	-0.2276 %	300.0 ppm	FAIL 151.73 %
2.0 VAC @ 699.991 kHz	1.9917660	2500.00 ppm	1.995000	2.005000	-0.4117 %	1000.0 ppm	FAIL 117.63 %
2.0 VAC @ 999.987 kHz	1.9820080	2500.00 ppm	1.995000	2.005000	-0.8996 %	1000.0 ppm	FAIL 257.03 %
3.0 VAC @ 14.9998 Hz	3.0001340	73.18 ppm	2.999780	3.000220	44.667 ppm	75.0 ppm	PASS 30.14 %
3.0 VAC @ 19.9997 Hz	3.0001000	73.18 ppm	2.999780	3.000220	33.333 ppm	75.0 ppm	PASS 22.50 %
3.0 VAC @ 49.9993 Hz	3.0000400	73.18 ppm	2.999780	3.000220	13.333 ppm	30.0 ppm	PASS 12.92 %
3.0 VAC @ 99.9987 Hz	3.0000310	73.18 ppm	2.999780	3.000220	10.333 ppm	30.0 ppm	PASS 10.01 %
3.0 VAC @ 399.995 Hz	3.0000310	73.18 ppm	2.999780	3.000220	10.333 ppm	30.0 ppm	PASS 10.01 %
3.0 VAC @ 999.987 Hz	3.0000420	73.18 ppm	2.999780	3.000220	14.000 ppm	30.0 ppm	PASS 13.57 %
3.0 VAC @ 1.99997 kHz	3.0000500	73.18 ppm	2.999780	3.000220	16.667 ppm	30.0 ppm	PASS 16.15 %
3.0 VAC @ 2.99996 kHz	3.0000630	73.18 ppm	2.999780	3.000220	21.000 ppm	30.0 ppm	PASS 20.35 %
3.0 VAC @ 3.99995 kHz	3.0000600	73.18 ppm	2.999780	3.000220	20.000 ppm	30.0 ppm	PASS 19.38 %
3.0 VAC @ 4.99994 kHz	3.0000580	73.18 ppm	2.999780	3.000220	19.333 ppm	30.0 ppm	PASS 18.74 %
3.0 VAC @ 6.24992 kHz	3.0000700	73.18 ppm	2.999780	3.000220	23.333 ppm	30.0 ppm	PASS 22.61 %
3.0 VAC @ 7.9999 kHz	3.0000650	73.18 ppm	2.999780	3.000220	21.667 ppm	30.0 ppm	PASS 21.00 %
3.0 VAC @ 9.99987 kHz	3.0000730	73.18 ppm	2.999780	3.000220	24.333 ppm	30.0 ppm	PASS 23.58 %
3.0 VAC @ 14.99981 kHz	3.0000680	73.18 ppm	2.999780	3.000220	22.667 ppm	30.0 ppm	PASS 21.97 %

3.0 VAC @ 19.9997 kHz	3.000770	73.18 ppm	2.999780	3.000220	25.667 ppm	30.0 ppm	PASS 24.88 %
3.0 VAC @ 29.9996 kHz	3.0001110	129.09 ppm	2.999613	3.000387	37.000 ppm	70.0 ppm	PASS 18.58 %
3.0 VAC @ 49.9994 kHz	3.0001890	129.09 ppm	2.999613	3.000387	63.000 ppm	70.0 ppm	PASS 31.64 %
3.0 VAC @ 99.9987 kHz	3.0005190	248.18 ppm	2.999255	3.000745	0.0173 %	150.0 ppm	PASS 43.45 %
3.0 VAC @ 199.997 kHz	2.9992060	577.27 ppm	2.998268	3.001732	-0.0265 %	300.0 ppm	PASS 30.17 %
3.0 VAC @ 299.996 kHz	2.9982050	577.27 ppm	2.998268	3.001732	-0.0598 %	300.0 ppm	PASS 68.20 %
3.0 VAC @ 499.994 kHz	2.9948290	1400.00 ppm	2.995800	3.004200	-0.1724 %	300.0 ppm	FAIL 101.39 %
3.0 VAC @ 699.991 kHz	2.9910550	3000.00 ppm	2.991000	3.009000	-0.2982 %	1000.0 ppm	PASS 74.54 %
3.0 VAC @ 999.987 kHz	2.9798650	3000.00 ppm	2.991000	3.009000	-0.6712 %	1000.0 ppm	FAIL 167.79 %
10.0 VAC @ 14.99978 Hz	10.0004050	73.18 ppm	9.999268	10.000732	40.500 ppm	75.0 ppm	PASS 27.33 %
10.0 VAC @ 19.9997 Hz	10.0001990	73.18 ppm	9.999268	10.000732	19.900 ppm	75.0 ppm	PASS 13.43 %
10.0 VAC @ 49.9993 Hz	10.0000510	73.18 ppm	9.999268	10.000732	5.100 ppm	30.0 ppm	PASS 4.94 %
10.0 VAC @ 99.9987 Hz	10.0000250	73.18 ppm	9.999268	10.000732	2.500 ppm	30.0 ppm	PASS 2.42 %
10.0 VAC @ 399.995 Hz	10.0000200	73.18 ppm	9.999268	10.000732	2.000 ppm	30.0 ppm	PASS 1.94 %
10.0 VAC @ 999.987 Hz	10.0000420	73.18 ppm	9.999268	10.000732	4.200 ppm	30.0 ppm	PASS 4.07 %
10.0 VAC @ 1.99997 kHz	10.0000870	73.18 ppm	9.999268	10.000732	8.700 ppm	30.0 ppm	PASS 8.43 %
10.0 VAC @ 2.99996 kHz	10.0001050	73.18 ppm	9.999268	10.000732	10.500 ppm	30.0 ppm	PASS 10.18 %
10.0 VAC @ 3.99995 kHz	10.0001130	73.18 ppm	9.999268	10.000732	11.300 ppm	30.0 ppm	PASS 10.95 %
10.0 VAC @ 4.99994 kHz	10.0001210	73.18 ppm	9.999268	10.000732	12.100 ppm	30.0 ppm	PASS 11.73 %
10.0 VAC @ 6.24992 kHz	10.0001160	73.18 ppm	9.999268	10.000732	11.600 ppm	30.0 ppm	PASS 11.24 %
10.0 VAC @ 7.9999 kHz	10.0001240	73.18 ppm	9.999268	10.000732	12.400 ppm	30.0 ppm	PASS 12.02 %
10.0 VAC @ 9.99987 kHz	10.0001160	73.18 ppm	9.999268	10.000732	11.600 ppm	30.0 ppm	PASS 11.24 %
10.0 VAC @ 14.99981 kHz	10.0000860	73.18 ppm	9.999268	10.000732	8.600 ppm	30.0 ppm	PASS 8.33 %
10.0 VAC @ 19.9997 kHz	10.0000730	73.18 ppm	9.999268	10.000732	7.300 ppm	30.0 ppm	PASS 7.08 %
10.0 VAC @ 29.9996 kHz	10.0000580	129.09 ppm	9.998709	10.001291	5.800 ppm	70.0 ppm	PASS 2.91 %
10.0 VAC @ 49.9994 kHz	9.9999260	129.09 ppm	9.998709	10.001291	-7.400 ppm	70.0 ppm	PASS 3.72 %
10.0 VAC @ 99.9987 kHz	9.9994450	248.18 ppm	9.997518	10.002482	-55.500 ppm	150.0 ppm	PASS 13.94 %
10.0 VAC @ 199.997 kHz	9.9973990	577.27 ppm	9.994227	10.005773	-0.0260 %	300.0 ppm	PASS 29.65 %
10.0 VAC @ 299.996 kHz	9.9942700	577.27 ppm	9.994227	10.005773	-0.0573 %	300.0 ppm	PASS 65.32 %
10.0 VAC @ 499.994 kHz	9.9854490	1400.00 ppm	9.986000	10.014000	-0.1455 %	300.0 ppm	PASS 85.59 %
10.0 VAC @ 699.991 kHz	9.9768890	3000.00 ppm	9.970000	10.030000	-0.2311 %	1000.0 ppm	PASS 57.78 %
10.0 VAC @ 999.987 kHz	9.9483590	3000.00 ppm	9.970000	10.030000	-0.5164 %	1000.0 ppm	FAIL 129.10 %
20.0 VAC @ 14.99979 Hz	20.0022700	73.18 ppm	19.998536	20.001464	0.0113 %	75.0 ppm	PASS 76.60 %
20.0 VAC @ 19.9997 Hz	20.0012900	73.18 ppm	19.998536	20.001464	64.500 ppm	75.0 ppm	PASS 43.53 %
20.0 VAC @ 49.9994 Hz	20.0002900	73.18 ppm	19.998536	20.001464	14.500 ppm	30.0 ppm	PASS 14.05 %
20.0 VAC @ 99.9987 Hz	20.0001300	73.18 ppm	19.998536	20.001464	6.500 ppm	30.0 ppm	PASS 6.30 %
20.0 VAC @ 399.995 Hz	20.0002100	73.18 ppm	19.998536	20.001464	10.500 ppm	30.0 ppm	PASS 10.18 %
20.0 VAC @ 999.987 Hz	20.0002700	73.18 ppm	19.998536	20.001464	13.500 ppm	30.0 ppm	PASS 13.08 %
20.0 VAC @ 1.99997 kHz	20.0003300	73.18 ppm	19.998536	20.001464	16.500 ppm	30.0 ppm	PASS 15.99 %
20.0 VAC @ 2.99996 kHz	20.0003400	73.18 ppm	19.998536	20.001464	17.000 ppm	30.0 ppm	PASS 16.48 %
20.0 VAC @ 3.99995 kHz	20.0004100	73.18 ppm	19.998536	20.001464	20.500 ppm	30.0 ppm	PASS 19.87 %
20.0 VAC @ 4.99994 kHz	20.0003700	73.18 ppm	19.998536	20.001464	18.500 ppm	30.0 ppm	PASS 17.93 %
20.0 VAC @ 6.24992 kHz	20.0004000	73.18 ppm	19.998536	20.001464	20.000 ppm	30.0 ppm	PASS 19.38 %
20.0 VAC @ 7.99989 kHz	20.0004200	73.18 ppm	19.998536	20.001464	21.000 ppm	30.0 ppm	PASS 20.35 %
20.0 VAC @ 9.99987 kHz	20.0003800	73.18 ppm	19.998536	20.001464	19.000 ppm	30.0 ppm	PASS 18.41 %
20.0 VAC @ 14.9998 kHz	20.0003800	73.18 ppm	19.998536	20.001464	19.000 ppm	30.0 ppm	PASS 18.41 %
20.0 VAC @ 19.9997 kHz	20.0003400	73.18 ppm	19.998536	20.001464	17.000 ppm	30.0 ppm	PASS 16.48 %
20.0 VAC @ 29.9996 kHz	20.0003300	129.09 ppm	19.997418	20.002582	16.500 ppm	70.0 ppm	PASS 8.29 %
20.0 VAC @ 49.9994 kHz	20.0001800	129.09 ppm	19.997418	20.002582	9.000 ppm	70.0 ppm	PASS 4.52 %
20.0 VAC @ 99.9987 kHz	19.9999800	248.18 ppm	19.995036	20.004964	-1.000 ppm	150.0 ppm	PASS 0.25 %
20.0 VAC @ 199.997 kHz	19.9998000	577.27 ppm	19.988455	20.011545	-10.000 ppm	300.0 ppm	PASS 1.14 %
20.0 VAC @ 299.996 kHz	20.0013400	577.27 ppm	19.988455	20.011545	67.000 ppm	300.0 ppm	PASS 7.64 %
20.0 VAC @ 499.994 kHz	20.0156300	1400.00 ppm	19.972000	20.028000	0.0781 %	300.0 ppm	PASS 45.97 %
20.0 VAC @ 699.991 kHz	19.9951700	3000.00 ppm	19.940000	20.060000	-0.0241 %	1000.0 ppm	PASS 6.04 %
20.0 VAC @ 999.987 kHz	19.8702500	3000.00 ppm	19.940000	20.060000	-0.6488 %	1000.0 ppm	FAIL 162.19 %
30.0 VAC @ 14.99976 Hz	30.0005200	79.55 ppm	29.997613	30.002387	17.333 ppm	75.0 ppm	PASS 11.22 %
30.0 VAC @ 19.9998 Hz	30.0000300	79.55 ppm	29.997613	30.002387	1.000 ppm	75.0 ppm	PASS 0.65 %
30.0 VAC @ 49.9994 Hz	29.9996200	79.55 ppm	29.997613	30.002387	-12.667 ppm	30.0 ppm	PASS 11.56 %
30.0 VAC @ 99.9987 Hz	29.9995900	79.55 ppm	29.997613	30.002387	-13.667 ppm	30.0 ppm	PASS 12.48 %
30.0 VAC @ 399.995 Hz	29.9994200	79.55 ppm	29.997613	30.002387	-19.333 ppm	30.0 ppm	PASS 17.65 %
30.0 VAC @ 999.987 Hz	29.9995700	79.55 ppm	29.997613	30.002387	-14.333 ppm	30.0 ppm	PASS 13.08 %
30.0 VAC @ 1.99997 kHz	29.9998000	79.55 ppm	29.997613	30.002387	-6.667 ppm	30.0 ppm	PASS 6.09 %
30.0 VAC @ 2.99996 kHz	29.9996900	79.55 ppm	29.997613	30.002387	-10.333 ppm	30.0 ppm	PASS 9.43 %
30.0 VAC @ 3.99995 kHz	29.9996400	79.55 ppm	29.997613	30.002387	-12.000 ppm	30.0 ppm	PASS 10.95 %
30.0 VAC @ 4.99994 kHz	29.9995700	79.55 ppm	29.997613	30.002387	-14.333 ppm	30.0 ppm	PASS 13.08 %
30.0 VAC @ 6.24992 kHz	29.9996600	79.55 ppm	29.997613	30.002387	-11.333 ppm	30.0 ppm	PASS 10.35 %
30.0 VAC @ 7.9999 kHz	29.9996900	79.55 ppm	29.997613	30.002387	-10.333 ppm	30.0 ppm	PASS 9.43 %
30.0 VAC @ 9.99987 kHz	29.9997800	79.55 ppm	29.997613	30.002387	-7.333 ppm	30.0 ppm	PASS 6.69 %
30.0 VAC @ 14.9998 kHz	29.9999800	79.55 ppm	29.997613	30.002387	-0.667 ppm	30.0 ppm	PASS 0.61 %

30.0 VAC @ 19.9997 kHz	<b>30.0000700</b>	79.55 ppm	29.997613	30.002387	2.333 ppm	30.0 ppm	PASS 2.13 %
30.0 VAC @ 29.9996 kHz	<b>30.0002400</b>	218.18 ppm	29.993455	30.006545	8.000 ppm	70.0 ppm	PASS 2.78 %
30.0 VAC @ 49.9994 kHz	<b>30.0016200</b>	218.18 ppm	29.993455	30.006545	54.000 ppm	70.0 ppm	PASS 18.74 %
30.0 VAC @ 99.9987 kHz	<b>30.0051300</b>	545.45 ppm	29.983636	30.016364	0.0171 %	150.0 ppm	PASS 24.59 %
30.0 VAC @ 199.997 kHz	<b>30.0269500</b>	2000.00 ppm	29.940000	30.060000	0.0898 %	300.0 ppm	PASS 39.06 %
30.0 VAC @ 299.996 kHz	<b>30.0512100</b>	2000.00 ppm	29.940000	30.060000	0.1707 %	300.0 ppm	PASS 74.22 %
30.0 VAC @ 499.994 kHz	<b>30.1224700</b>	5500.00 ppm	29.835000	30.165000	0.4082 %	300.0 ppm	PASS 70.39 %
30.0 VAC @ 699.991 kHz	<b>30.0808400</b>	13000.00 ppm	29.610000	30.390000	0.2695 %	1000.0 ppm	PASS 19.25 %
100.0 VAC @ 14.99986 Hz	<b>100.0012500</b>	79.55 ppm	99.992045	100.007955	12.500 ppm	75.0 ppm	PASS 8.09 %
100.0 VAC @ 19.9998 Hz	<b>100.0002400</b>	79.55 ppm	99.992045	100.007955	2.400 ppm	75.0 ppm	PASS 1.55 %
100.0 VAC @ 49.9994 Hz	<b>99.9982600</b>	79.55 ppm	99.992045	100.007955	-17.400 ppm	30.0 ppm	PASS 15.88 %
100.0 VAC @ 99.9987 Hz	<b>99.9978300</b>	79.55 ppm	99.992045	100.007955	-21.700 ppm	30.0 ppm	PASS 19.81 %
100.0 VAC @ 399.995 Hz	<b>99.9976700</b>	79.55 ppm	99.992045	100.007955	-23.300 ppm	30.0 ppm	PASS 21.27 %
100.0 VAC @ 999.987 Hz	<b>99.9978300</b>	79.55 ppm	99.992045	100.007955	-21.700 ppm	30.0 ppm	PASS 19.81 %
100.0 VAC @ 1.99997 kHz	<b>99.9982800</b>	79.55 ppm	99.992045	100.007955	-17.200 ppm	30.0 ppm	PASS 15.70 %
100.0 VAC @ 2.99996 kHz	<b>99.9983600</b>	79.55 ppm	99.992045	100.007955	-16.400 ppm	30.0 ppm	PASS 14.97 %
100.0 VAC @ 3.99995 kHz	<b>99.9980700</b>	79.55 ppm	99.992045	100.007955	-19.300 ppm	30.0 ppm	PASS 17.62 %
100.0 VAC @ 4.99994 kHz	<b>99.9977000</b>	79.55 ppm	99.992045	100.007955	-23.000 ppm	30.0 ppm	PASS 20.99 %
100.0 VAC @ 6.24992 kHz	<b>99.9978900</b>	79.55 ppm	99.992045	100.007955	-21.100 ppm	30.0 ppm	PASS 19.26 %
100.0 VAC @ 7.99989 kHz	<b>99.9980900</b>	79.55 ppm	99.992045	100.007955	-19.100 ppm	30.0 ppm	PASS 17.43 %
100.0 VAC @ 9.99987 kHz	<b>99.9983900</b>	79.55 ppm	99.992045	100.007955	-16.100 ppm	30.0 ppm	PASS 14.70 %
100.0 VAC @ 14.99981 kHz	<b>99.9984500</b>	79.55 ppm	99.992045	100.007955	-15.500 ppm	30.0 ppm	PASS 14.15 %
100.0 VAC @ 19.9997 kHz	<b>99.9982900</b>	79.55 ppm	99.992045	100.007955	-17.100 ppm	30.0 ppm	PASS 15.61 %
100.0 VAC @ 29.9996 kHz	<b>99.9973500</b>	218.18 ppm	99.978182	100.021818	-26.500 ppm	70.0 ppm	PASS 9.20 %
100.0 VAC @ 49.9994 kHz	<b>99.9963300</b>	218.18 ppm	99.978182	100.021818	-36.700 ppm	70.0 ppm	PASS 12.74 %
100.0 VAC @ 99.9987 kHz	<b>99.9863700</b>	545.45 ppm	99.945455	100.054545	-0.0136 %	150.0 ppm	PASS 19.60 %
100.0 VAC @ 199.997 kHz	<b>99.9824800</b>	2000.00 ppm	99.800000	100.200000	-0.0175 %	300.0 ppm	PASS 7.62 %
200.0 VAC @ 14.99981 Hz	<b>200.0233000</b>	79.55 ppm	199.984090	200.015910	0.0117 %	80.0 ppm	PASS 73.02 %
200.0 VAC @ 19.9997 Hz	<b>200.0137000</b>	79.55 ppm	199.984090	200.015910	68.500 ppm	80.0 ppm	PASS 42.93 %
200.0 VAC @ 49.9993 Hz	<b>200.0027000</b>	79.55 ppm	199.984090	200.015910	13.500 ppm	35.0 ppm	PASS 11.79 %
200.0 VAC @ 99.9987 Hz	<b>200.0011000</b>	79.55 ppm	199.984090	200.015910	5.500 ppm	35.0 ppm	PASS 4.80 %
200.0 VAC @ 399.995 Hz	<b>200.0012000</b>	79.55 ppm	199.984090	200.015910	6.000 ppm	35.0 ppm	PASS 5.24 %
200.0 VAC @ 999.987 Hz	<b>200.0005000</b>	79.55 ppm	199.984090	200.015910	2.500 ppm	35.0 ppm	PASS 2.18 %
200.0 VAC @ 1.99997 kHz	<b>200.0008000</b>	79.55 ppm	199.984090	200.015910	4.000 ppm	35.0 ppm	PASS 3.49 %
200.0 VAC @ 2.99996 kHz	<b>200.0009000</b>	79.55 ppm	199.984090	200.015910	4.500 ppm	35.0 ppm	PASS 3.93 %
200.0 VAC @ 3.99995 kHz	<b>200.0005000</b>	79.55 ppm	199.984090	200.015910	2.500 ppm	35.0 ppm	PASS 2.18 %
200.0 VAC @ 4.99993 kHz	<b>200.0006000</b>	79.55 ppm	199.984090	200.015910	3.000 ppm	35.0 ppm	PASS 2.62 %
200.0 VAC @ 6.24992 kHz	<b>200.0004000</b>	79.55 ppm	199.984090	200.015910	2.000 ppm	35.0 ppm	PASS 1.75 %
200.0 VAC @ 7.9999 kHz	<b>200.0015000</b>	79.55 ppm	199.984090	200.015910	7.500 ppm	35.0 ppm	PASS 6.55 %
200.0 VAC @ 9.99987 kHz	<b>200.0035000</b>	79.55 ppm	199.984090	200.015910	17.500 ppm	35.0 ppm	PASS 15.28 %
200.0 VAC @ 14.99981 kHz	<b>200.0091000</b>	79.55 ppm	199.984090	200.015910	45.500 ppm	35.0 ppm	PASS 39.72 %
200.0 VAC @ 19.9997 kHz	<b>200.0185000</b>	79.55 ppm	199.984090	200.015910	92.500 ppm	35.0 ppm	PASS 80.75 %
200.0 VAC @ 29.9996 kHz	<b>200.0558000</b>	218.18 ppm	199.956364	200.043636	0.0279 %	75.0 ppm	PASS 95.16 %
200.0 VAC @ 49.9994 kHz	<b>200.0545000</b>	218.18 ppm	199.956364	200.043636	0.0272 %	75.0 ppm	PASS 92.95 %
200.0 VAC @ 99.9987 kHz	<b>200.3383000</b>	545.45 ppm	199.890910	200.109090	0.1691 %	150.0 ppm	FAIL 243.22 %
300.0 VAC @ 49.9993 Hz	<b>299.9734000</b>	2000.00 ppm	299.400000	300.600000	-88.667 ppm	35.0 ppm	PASS 4.36 %
300.0 VAC @ 99.9986 Hz	<b>299.9765000</b>	78.64 ppm	299.976408	300.023592	-78.333 ppm	35.0 ppm	PASS 68.93 %
300.0 VAC @ 399.995 Hz	<b>299.9842000</b>	78.64 ppm	299.976408	300.023592	-52.667 ppm	35.0 ppm	PASS 46.35 %
300.0 VAC @ 999.987 Hz	<b>299.9815000</b>	78.64 ppm	299.976408	300.023592	-61.667 ppm	35.0 ppm	PASS 54.26 %
500 VAC @ 49.9994 Hz	<b>499.9952000</b>	78.64 ppm	499.960680	500.039320	-9.600 ppm	35.0 ppm	PASS 8.45 %
500 VAC @ 99.9987 Hz	<b>499.9932000</b>	98.64 ppm	499.950680	500.049320	-13.600 ppm	35.0 ppm	PASS 10.18 %
500 VAC @ 399.995 Hz	<b>499.9978000</b>	98.64 ppm	499.950680	500.049320	-4.400 ppm	35.0 ppm	PASS 3.29 %
500 VAC @ 999.987 Hz	<b>500.0009000</b>	98.64 ppm	499.950680	500.049320	1.800 ppm	35.0 ppm	PASS 1.35 %
1000.0 VAC @ 49.9994 Hz	<b>1000.0033000</b>	98.64 ppm	999.901360	1000.098640	3.300 ppm	35.0 ppm	PASS 2.47 %
1000.0 VAC @ 99.9987 Hz	<b>999.9985000</b>	128.64 ppm	999.871360	1000.128640	-1.500 ppm	35.0 ppm	PASS 0.92 %
1000.0 VAC @ 399.995 Hz	<b>1000.0032000</b>	128.64 ppm	999.871360	1000.128640	3.200 ppm	35.0 ppm	PASS 1.96 %
1000.0 VAC @ 999.987 Hz	<b>1000.0074000</b>	128.64 ppm	999.871360	1000.128640	7.400 ppm	35.0 ppm	PASS 4.52 %

Test completed

Test date	04 August 2018 13:20
UUT Internal TEMP?	NONE

Lab temperature maintained +24°C ±2°C

Internal use only

Not validated

Cal.equipment

Test block

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