

Manufacturer	Wavetek-Datron	Calibration date	August 03 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	2.0 days ago	MFC since DCV ZERO	2.0 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 03 2018 11:50
DUT Internal TEMP?	NONE	Calibration interval	365.0
PROG?	"ACV 0.3,RESL7, FILT10HZ, OFF,INT"	Calibration temp (hardcode)	+24.0 °C

Test procedure : \$Id: w4920m.py | Rev 801 | 2018/08/03 11:43:02 clu \$

Source procedure : \$Id: f5700a.py | Rev 785 | 2018/08/01 12:28:39 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 @ 14.9998 Hz	0.1000024	140.45 ppm	0.099986	0.100014	24.000 ppm	75.0 ppm	PASS 11.14 %
0.1 VAC @ 19.9998 Hz	0.1000006	140.45 ppm	0.099986	0.100014	6.000 ppm	75.0 ppm	PASS 2.78 %
0.1 VAC @ 49.9993 Hz	0.0999996	140.45 ppm	0.099986	0.100014	-4.000 ppm	30.0 ppm	PASS 2.35 %
0.1 VAC @ 99.9988 Hz	0.0999999	140.45 ppm	0.099986	0.100014	-1.000 ppm	30.0 ppm	PASS 0.59 %
0.1 VAC @ 399.995 Hz	0.0999999	140.45 ppm	0.099986	0.100014	-1.000 ppm	30.0 ppm	PASS 0.59 %
0.1 VAC @ 999.987 Hz	0.1000001	140.45 ppm	0.099986	0.100014	1.000 ppm	30.0 ppm	PASS 0.59 %
0.1 VAC @ 1.99997 kHz	0.1000004	140.45 ppm	0.099986	0.100014	4.000 ppm	30.0 ppm	PASS 2.35 %
0.1 VAC @ 2.99996 kHz	0.1000006	140.45 ppm	0.099986	0.100014	6.000 ppm	30.0 ppm	PASS 3.52 %
0.1 VAC @ 3.99995 kHz	0.1000003	140.45 ppm	0.099986	0.100014	3.000 ppm	30.0 ppm	PASS 1.76 %
0.1 VAC @ 4.99993 kHz	0.0999997	140.45 ppm	0.099986	0.100014	-3.000 ppm	30.0 ppm	PASS 1.76 %
0.1 VAC @ 6.24992 kHz	0.0999999	140.45 ppm	0.099986	0.100014	-1.000 ppm	30.0 ppm	PASS 0.59 %
0.1 VAC @ 7.9999 kHz	0.0999996	140.45 ppm	0.099986	0.100014	-4.000 ppm	30.0 ppm	PASS 2.35 %
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 @ 14.9998 kHz	0.0999985	140.45 ppm	0.099986	0.100014	-15.000 ppm	30.0 ppm	PASS 8.80 %
0.1 VAC @ 19.9997 kHz	0.0999975	140.45 ppm	0.099986	0.100014	-25.000 ppm	30.0 ppm	PASS 14.67 %
0.1 VAC @ 29.9996 kHz	0.0999963	345.45 ppm	0.099965	0.100035	-37.000 ppm	70.0 ppm	PASS 8.91 %
0.1 VAC @ 49.9994 kHz	0.0999957	345.45 ppm	0.099965	0.100035	-43.000 ppm	70.0 ppm	PASS 10.35 %
0.1 VAC @ 99.9987 kHz	0.0999953	886.36 ppm	0.099911	0.100089	-47.000 ppm	150.0 ppm	PASS 4.54 %
0.1 VAC @ 199.997 kHz	0.0999956	1100.00 ppm	0.099890	0.100110	-44.000 ppm	300.0 ppm	PASS 3.14 %
0.1 VAC @ 299.996 kHz	0.0999814	1100.00 ppm	0.099890	0.100110	-0.0186 %	300.0 ppm	PASS 13.29 %
0.1 VAC @ 499.993 kHz	0.0999510	1700.00 ppm	0.099830	0.100170	-0.0490 %	300.0 ppm	PASS 24.50 %
0.1 VAC @ 699.991 kHz	0.0999431	3500.00 ppm	0.099650	0.100350	-0.0569 %	1000.0 ppm	PASS 12.64 %
0.1 VAC @ 999.987 kHz	0.0997734	3500.00 ppm	0.099650	0.100350	-0.2266 %	1000.0 ppm	PASS 50.36 %
0.2 VAC @ 14.99984 Hz	0.2000115	140.45 ppm	0.199972	0.200028	57.500 ppm	75.0 ppm	PASS 26.69 %
0.2 VAC @ 19.9998 Hz	0.2000019	140.45 ppm	0.199972	0.200028	9.500 ppm	75.0 ppm	PASS 4.41 %
0.2 VAC @ 49.9993 Hz	0.1999908	140.45 ppm	0.199972	0.200028	-46.000 ppm	30.0 ppm	PASS 26.99 %
0.2 VAC @ 99.9987 Hz	0.1999895	140.45 ppm	0.199972	0.200028	-52.500 ppm	30.0 ppm	PASS 30.80 %
0.2 VAC @ 399.995 Hz	0.1999892	140.45 ppm	0.199972	0.200028	-54.000 ppm	30.0 ppm	PASS 31.68 %
0.2 VAC @ 999.987 Hz	0.1999897	140.45 ppm	0.199972	0.200028	-51.500 ppm	30.0 ppm	PASS 30.21 %
0.2 VAC @ 1.99997 kHz	0.1999898	140.45 ppm	0.199972	0.200028	-51.000 ppm	30.0 ppm	PASS 29.92 %
0.2 VAC @ 2.99996 kHz	0.1999899	140.45 ppm	0.199972	0.200028	-50.500 ppm	30.0 ppm	PASS 29.63 %
0.2 VAC @ 3.99995 kHz	0.1999892	140.45 ppm	0.199972	0.200028	-54.000 ppm	30.0 ppm	PASS 31.68 %
0.2 VAC @ 4.99993 kHz	0.1999892	140.45 ppm	0.199972	0.200028	-54.000 ppm	30.0 ppm	PASS 31.68 %
0.2 VAC @ 6.24992 kHz	0.1999887	140.45 ppm	0.199972	0.200028	-56.500 ppm	30.0 ppm	PASS 33.15 %
0.2 VAC @ 7.9999 kHz	0.1999878	140.45 ppm	0.199972	0.200028	-61.000 ppm	30.0 ppm	PASS 35.79 %
0.2 VAC @ 9.99987 kHz	0.1999872	140.45 ppm	0.199972	0.200028	-64.000 ppm	30.0 ppm	PASS 37.55 %
0.2 VAC @ 14.99981 kHz	0.1999854	140.45 ppm	0.199972	0.200028	-73.000 ppm	30.0 ppm	PASS 42.83 %
0.2 VAC @ 19.9997 kHz	0.1999837	140.45 ppm	0.199972	0.200028	-81.500 ppm	30.0 ppm	PASS 47.81 %
0.2 VAC @ 29.9996 kHz	0.1999813	345.45 ppm	0.199931	0.200069	-93.500 ppm	70.0 ppm	PASS 22.51 %
0.2 VAC @ 49.9994 kHz	0.1999783	345.45 ppm	0.199931	0.200069	-0.0109 %	70.0 ppm	PASS 26.12 %
0.2 VAC @ 99.9987 kHz	0.1999735	886.36 ppm	0.199823	0.200177	-0.0133 %	150.0 ppm	PASS 12.79 %
0.2 VAC @ 199.997 kHz	0.1999622	1100.00 ppm	0.199780	0.200220	-0.0189 %	300.0 ppm	PASS 13.50 %
0.2 VAC @ 299.996 kHz	0.1999441	1100.00 ppm	0.199780	0.200220	-0.0279 %	300.0 ppm	PASS 19.96 %
0.2 VAC @ 499.994 kHz	0.1998724	1700.00 ppm	0.199660	0.200340	-0.0638 %	300.0 ppm	PASS 31.90 %
0.2 VAC @ 699.991 kHz	0.1998471	3500.00 ppm	0.199300	0.200700	-0.0765 %	1000.0 ppm	PASS 16.99 %
0.2 VAC @ 999.987 kHz	0.1995250	3500.00 ppm	0.199300	0.200700	-0.2375 %	1000.0 ppm	PASS 52.78 %
0.3 VAC @ 14.9998 Hz	0.3000194	73.18 ppm	0.299978	0.300022	64.667 ppm	75.0 ppm	PASS 43.64 %
0.3 VAC @ 19.9997 Hz	0.3000148	73.18 ppm	0.299978	0.300022	49.333 ppm	75.0 ppm	PASS 33.29 %
0.3 VAC @ 49.9993 Hz	0.3000087	73.18 ppm	0.299978	0.300022	29.000 ppm	30.0 ppm	PASS 28.11 %
0.3 VAC @ 99.9988 Hz	0.3000073	73.18 ppm	0.299978	0.300022	24.333 ppm	30.0 ppm	PASS 23.58 %
0.3 VAC @ 399.995 Hz	0.3000067	73.18 ppm	0.299978	0.300022	22.333 ppm	30.0 ppm	PASS 21.65 %
0.3 VAC @ 999.987 Hz	0.3000072	73.18 ppm	0.299978	0.300022	24.000 ppm	30.0 ppm	PASS 23.26 %
0.3 VAC @ 1.99997 kHz	0.3000075	73.18 ppm	0.299978	0.300022	25.000 ppm	30.0 ppm	PASS 24.23 %
0.3 VAC @ 2.99996 kHz	0.3000081	73.18 ppm	0.299978	0.300022	27.000 ppm	30.0 ppm	PASS 26.17 %
0.3 VAC @ 3.99995 kHz	0.3000103	73.18 ppm	0.299978	0.300022	34.333 ppm	30.0 ppm	PASS 33.28 %
0.3 VAC @ 4.99993 kHz	0.3000078	73.18 ppm	0.299978	0.300022	26.000 ppm	30.0 ppm	PASS 25.20 %
0.3 VAC @ 6.24992 kHz	0.3000067	73.18 ppm	0.299978	0.300022	22.333 ppm	30.0 ppm	PASS 21.65 %
0.3 VAC @ 7.9999 kHz	0.3000080	73.18 ppm	0.299978	0.300022	26.667 ppm	30.0 ppm	PASS 25.84 %
0.3 VAC @ 9.99987 kHz	0.3000073	73.18 ppm	0.299978	0.300022	24.333 ppm	30.0 ppm	PASS 23.58 %
0.3 VAC @ 14.99981 kHz	0.3000088	73.18 ppm	0.299978	0.300022	29.333 ppm	30.0 ppm	PASS 28.43 %

0.3 VAC @ 19.9997 kHz	0.3000089	73.18 ppm	0.299978	0.300022	29.667 ppm	30.0 ppm	PASS 28.75 %
0.3 VAC @ 29.9996 kHz	0.3000138	129.09 ppm	0.299961	0.300039	46.000 ppm	70.0 ppm	PASS 23.11 %
0.3 VAC @ 49.9993 kHz	0.3000265	129.09 ppm	0.299961	0.300039	88.333 ppm	70.0 ppm	PASS 44.37 %
0.3 VAC @ 99.9987 kHz	0.3000791	266.36 ppm	0.299920	0.300080	0.0264 %	150.0 ppm	PASS 63.33 %
0.3 VAC @ 199.997 kHz	0.3000125	468.18 ppm	0.299860	0.300140	41.667 ppm	300.0 ppm	PASS 5.42 %
0.3 VAC @ 299.996 kHz	0.3000573	468.18 ppm	0.299860	0.300140	0.0191 %	300.0 ppm	PASS 24.86 %
0.3 VAC @ 499.993 kHz	0.3001337	1200.00 ppm	0.299640	0.300360	0.0446 %	300.0 ppm	PASS 29.71 %
0.3 VAC @ 699.991 kHz	0.3003285	2500.00 ppm	0.299250	0.300750	0.1095 %	1000.0 ppm	PASS 31.29 %
0.3 VAC @ 999.987 kHz	0.3002888	2500.00 ppm	0.299250	0.300750	0.0963 %	1000.0 ppm	PASS 27.50 %
1.0 VAC @ 14.99979 Hz	1.0000395	73.18 ppm	0.999927	1.000073	39.500 ppm	75.0 ppm	PASS 26.66 %
1.0 VAC @ 19.9998 Hz	1.0000222	73.18 ppm	0.999927	1.000073	22.200 ppm	75.0 ppm	PASS 14.98 %
1.0 VAC @ 49.9993 Hz	1.0000027	73.18 ppm	0.999927	1.000073	2.700 ppm	30.0 ppm	PASS 2.62 %
1.0 VAC @ 99.9987 Hz	1.0000005	73.18 ppm	0.999927	1.000073	0.500 ppm	30.0 ppm	PASS 0.48 %
1.0 VAC @ 399.995 Hz	0.9999993	73.18 ppm	0.999927	1.000073	-0.700 ppm	30.0 ppm	PASS 0.68 %
1.0 VAC @ 999.987 Hz	0.9999993	73.18 ppm	0.999927	1.000073	-0.700 ppm	30.0 ppm	PASS 0.68 %
1.0 VAC @ 1.99997 kHz	1.0000009	73.18 ppm	0.999927	1.000073	0.900 ppm	30.0 ppm	PASS 0.87 %
1.0 VAC @ 2.99996 kHz	1.0000035	73.18 ppm	0.999927	1.000073	3.500 ppm	30.0 ppm	PASS 3.39 %
1.0 VAC @ 3.99995 kHz	1.0000027	73.18 ppm	0.999927	1.000073	2.700 ppm	30.0 ppm	PASS 2.62 %
1.0 VAC @ 4.99994 kHz	1.0000037	73.18 ppm	0.999927	1.000073	3.700 ppm	30.0 ppm	PASS 3.59 %
1.0 VAC @ 6.24992 kHz	1.0000018	73.18 ppm	0.999927	1.000073	1.800 ppm	30.0 ppm	PASS 1.74 %
1.0 VAC @ 7.9999 kHz	1.0000000	73.18 ppm	0.999927	1.000073	0.000 ppm	30.0 ppm	PASS 0.00 %
1.0 VAC @ 9.99987 kHz	0.9999995	73.18 ppm	0.999927	1.000073	-0.500 ppm	30.0 ppm	PASS 0.48 %
1.0 VAC @ 14.99981 kHz	0.9999976	73.18 ppm	0.999927	1.000073	-2.400 ppm	30.0 ppm	PASS 2.33 %
1.0 VAC @ 19.9997 kHz	0.9999964	73.18 ppm	0.999927	1.000073	-3.600 ppm	30.0 ppm	PASS 3.49 %
1.0 VAC @ 29.9996 kHz	0.9999985	129.09 ppm	0.999871	1.000129	-1.500 ppm	70.0 ppm	PASS 0.75 %
1.0 VAC @ 49.9994 kHz	0.9999973	129.09 ppm	0.999871	1.000129	-2.700 ppm	70.0 ppm	PASS 1.36 %
1.0 VAC @ 99.9987 kHz	1.0000171	266.36 ppm	0.999734	1.000266	17.100 ppm	150.0 ppm	PASS 4.11 %
1.0 VAC @ 199.997 kHz	1.0000089	468.18 ppm	0.999532	1.000468	8.900 ppm	300.0 ppm	PASS 1.16 %
1.0 VAC @ 299.996 kHz	1.0000593	468.18 ppm	0.999532	1.000468	59.300 ppm	300.0 ppm	PASS 7.72 %
1.0 VAC @ 499.994 kHz	1.0003496	1200.00 ppm	0.998800	1.001200	0.0350 %	300.0 ppm	PASS 23.31 %
1.0 VAC @ 699.991 kHz	1.0008678	2500.00 ppm	0.997500	1.002500	0.0868 %	1000.0 ppm	PASS 24.79 %
1.0 VAC @ 999.987 kHz	1.0010441	2500.00 ppm	0.997500	1.002500	0.1044 %	1000.0 ppm	PASS 29.83 %
2.0 VAC @ 14.99979 Hz	2.0001590	73.18 ppm	1.999854	2.000146	79.500 ppm	75.0 ppm	PASS 53.65 %
2.0 VAC @ 19.9998 Hz	2.0000600	73.18 ppm	1.999854	2.000146	30.000 ppm	75.0 ppm	PASS 20.25 %
2.0 VAC @ 49.9994 Hz	1.9999550	73.18 ppm	1.999854	2.000146	-22.500 ppm	30.0 ppm	PASS 21.81 %
2.0 VAC @ 99.9987 Hz	1.9999410	73.18 ppm	1.999854	2.000146	-29.500 ppm	30.0 ppm	PASS 28.59 %
2.0 VAC @ 399.995 Hz	1.9999450	73.18 ppm	1.999854	2.000146	-27.500 ppm	30.0 ppm	PASS 26.65 %
2.0 VAC @ 999.987 Hz	1.9999510	73.18 ppm	1.999854	2.000146	-24.500 ppm	30.0 ppm	PASS 23.74 %
2.0 VAC @ 1.99997 kHz	1.9999570	73.18 ppm	1.999854	2.000146	-21.500 ppm	30.0 ppm	PASS 20.84 %
2.0 VAC @ 2.99996 kHz	1.9999590	73.18 ppm	1.999854	2.000146	-20.500 ppm	30.0 ppm	PASS 19.87 %
2.0 VAC @ 3.99995 kHz	1.9999610	73.18 ppm	1.999854	2.000146	-19.500 ppm	30.0 ppm	PASS 18.90 %
2.0 VAC @ 4.99993 kHz	1.9999620	73.18 ppm	1.999854	2.000146	-19.000 ppm	30.0 ppm	PASS 18.41 %
2.0 VAC @ 6.24992 kHz	1.9999630	73.18 ppm	1.999854	2.000146	-18.500 ppm	30.0 ppm	PASS 17.93 %
2.0 VAC @ 7.9999 kHz	1.9999640	73.18 ppm	1.999854	2.000146	-18.000 ppm	30.0 ppm	PASS 17.45 %
2.0 VAC @ 9.99987 kHz	1.9999650	73.18 ppm	1.999854	2.000146	-17.500 ppm	30.0 ppm	PASS 16.96 %
2.0 VAC @ 14.99981 kHz	1.9999630	73.18 ppm	1.999854	2.000146	-18.500 ppm	30.0 ppm	PASS 17.93 %
2.0 VAC @ 19.9997 kHz	1.9999550	73.18 ppm	1.999854	2.000146	-22.500 ppm	30.0 ppm	PASS 21.81 %
2.0 VAC @ 29.9996 kHz	1.9999610	129.09 ppm	1.999742	2.000258	-19.500 ppm	70.0 ppm	PASS 9.79 %
2.0 VAC @ 49.9994 kHz	1.9999610	129.09 ppm	1.999742	2.000258	-19.500 ppm	70.0 ppm	PASS 9.79 %
2.0 VAC @ 99.9987 kHz	2.0000040	266.36 ppm	1.999467	2.000533	2.000 ppm	150.0 ppm	PASS 0.48 %
2.0 VAC @ 199.997 kHz	2.0000720	468.18 ppm	1.999064	2.000936	36.000 ppm	300.0 ppm	PASS 4.69 %
2.0 VAC @ 299.996 kHz	2.0002420	468.18 ppm	1.999064	2.000936	0.0121 %	300.0 ppm	PASS 15.75 %
2.0 VAC @ 499.994 kHz	2.0004650	1200.00 ppm	1.997600	2.002400	0.0233 %	300.0 ppm	PASS 15.50 %
2.0 VAC @ 699.991 kHz	2.0012800	2500.00 ppm	1.995000	2.005000	0.0640 %	1000.0 ppm	PASS 18.29 %
2.0 VAC @ 999.987 kHz	2.0001160	2500.00 ppm	1.995000	2.005000	58.000 ppm	1000.0 ppm	PASS 1.66 %
3.0 VAC @ 14.9998 Hz	3.0001380	73.18 ppm	2.999780	3.000220	46.000 ppm	75.0 ppm	PASS 31.04 %
3.0 VAC @ 19.9998 Hz	3.0000770	73.18 ppm	2.999780	3.000220	25.667 ppm	75.0 ppm	PASS 17.32 %
3.0 VAC @ 49.9994 Hz	3.0000270	73.18 ppm	2.999780	3.000220	9.000 ppm	30.0 ppm	PASS 8.72 %
3.0 VAC @ 99.9986 Hz	3.0000250	73.18 ppm	2.999780	3.000220	8.333 ppm	30.0 ppm	PASS 8.08 %
3.0 VAC @ 399.995 Hz	3.0000170	73.18 ppm	2.999780	3.000220	5.667 ppm	30.0 ppm	PASS 5.49 %
3.0 VAC @ 999.987 Hz	3.0000230	73.18 ppm	2.999780	3.000220	7.667 ppm	30.0 ppm	PASS 7.43 %
3.0 VAC @ 1.99997 kHz	3.0000420	73.18 ppm	2.999780	3.000220	14.000 ppm	30.0 ppm	PASS 13.57 %
3.0 VAC @ 2.99996 kHz	3.0000390	73.18 ppm	2.999780	3.000220	13.000 ppm	30.0 ppm	PASS 12.60 %
3.0 VAC @ 3.99995 kHz	3.0000460	73.18 ppm	2.999780	3.000220	15.333 ppm	30.0 ppm	PASS 14.86 %
3.0 VAC @ 4.99993 kHz	3.0000470	73.18 ppm	2.999780	3.000220	15.667 ppm	30.0 ppm	PASS 15.18 %
3.0 VAC @ 6.24992 kHz	3.0000560	73.18 ppm	2.999780	3.000220	18.667 ppm	30.0 ppm	PASS 18.09 %
3.0 VAC @ 7.9999 kHz	3.0000530	73.18 ppm	2.999780	3.000220	17.667 ppm	30.0 ppm	PASS 17.12 %
3.0 VAC @ 9.99987 kHz	3.0000590	73.18 ppm	2.999780	3.000220	19.667 ppm	30.0 ppm	PASS 19.06 %
3.0 VAC @ 14.99981 kHz	3.0000630	73.18 ppm	2.999780	3.000220	21.000 ppm	30.0 ppm	PASS 20.35 %

3.0 VAC @ 19.9997 kHz	3.0000700	73.18 ppm	2.999780	3.000220	23.333 ppm	30.0 ppm	PASS 22.61 %
3.0 VAC @ 29.9996 kHz	3.0001290	129.09 ppm	2.999613	3.000387	43.000 ppm	70.0 ppm	PASS 21.60 %
3.0 VAC @ 49.9993 kHz	3.0002610	129.09 ppm	2.999613	3.000387	87.000 ppm	70.0 ppm	PASS 43.70 %
3.0 VAC @ 99.9987 kHz	3.0008170	248.18 ppm	2.999255	3.000745	0.0272 %	150.0 ppm	PASS 68.39 %
3.0 VAC @ 199.997 kHz	3.0003380	577.27 ppm	2.998268	3.001732	0.0113 %	300.0 ppm	PASS 12.84 %
3.0 VAC @ 299.996 kHz	3.0008090	577.27 ppm	2.998268	3.001732	0.0270 %	300.0 ppm	PASS 30.74 %
3.0 VAC @ 499.994 kHz	3.0019180	1400.00 ppm	2.995800	3.004200	0.0639 %	300.0 ppm	PASS 37.61 %
3.0 VAC @ 699.991 kHz	3.0044300	3000.00 ppm	2.991000	3.009000	0.1477 %	1000.0 ppm	PASS 36.92 %
3.0 VAC @ 999.987 kHz	3.0049460	3000.00 ppm	2.991000	3.009000	0.1649 %	1000.0 ppm	PASS 41.22 %
10.0 VAC @ 14.99979 Hz	10.0003590	73.18 ppm	9.999268	10.000732	35.900 ppm	75.0 ppm	PASS 24.23 %
10.0 VAC @ 19.9998 Hz	10.0002270	73.18 ppm	9.999268	10.000732	22.700 ppm	75.0 ppm	PASS 15.32 %
10.0 VAC @ 49.9994 Hz	10.0000010	73.18 ppm	9.999268	10.000732	0.100 ppm	30.0 ppm	PASS 0.10 %
10.0 VAC @ 99.9987 Hz	9.9999710	73.18 ppm	9.999268	10.000732	-2.900 ppm	30.0 ppm	PASS 2.81 %
10.0 VAC @ 399.995 Hz	9.9999570	73.18 ppm	9.999268	10.000732	-4.300 ppm	30.0 ppm	PASS 4.17 %
10.0 VAC @ 999.987 Hz	10.0000130	73.18 ppm	9.999268	10.000732	1.300 ppm	30.0 ppm	PASS 1.26 %
10.0 VAC @ 1.99997 kHz	10.0000720	73.18 ppm	9.999268	10.000732	7.200 ppm	30.0 ppm	PASS 6.98 %
10.0 VAC @ 2.99996 kHz	10.0000760	73.18 ppm	9.999268	10.000732	7.600 ppm	30.0 ppm	PASS 7.37 %
10.0 VAC @ 3.99995 kHz	10.0000870	73.18 ppm	9.999268	10.000732	8.700 ppm	30.0 ppm	PASS 8.43 %
10.0 VAC @ 4.99994 kHz	10.0000980	73.18 ppm	9.999268	10.000732	9.800 ppm	30.0 ppm	PASS 9.50 %
10.0 VAC @ 6.24992 kHz	10.0000880	73.18 ppm	9.999268	10.000732	8.800 ppm	30.0 ppm	PASS 8.53 %
10.0 VAC @ 7.9999 kHz	10.0000730	73.18 ppm	9.999268	10.000732	7.300 ppm	30.0 ppm	PASS 7.08 %
10.0 VAC @ 9.99987 kHz	10.0000970	73.18 ppm	9.999268	10.000732	9.700 ppm	30.0 ppm	PASS 9.40 %
10.0 VAC @ 14.99981 kHz	10.0000790	73.18 ppm	9.999268	10.000732	7.900 ppm	30.0 ppm	PASS 7.66 %
10.0 VAC @ 19.9997 kHz	10.0000890	73.18 ppm	9.999268	10.000732	8.900 ppm	30.0 ppm	PASS 8.63 %
10.0 VAC @ 29.9996 kHz	10.0001260	129.09 ppm	9.998709	10.001291	12.600 ppm	70.0 ppm	PASS 6.33 %
10.0 VAC @ 49.9994 kHz	10.0001430	129.09 ppm	9.998709	10.001291	14.300 ppm	70.0 ppm	PASS 7.18 %
10.0 VAC @ 99.9987 kHz	10.0004040	248.18 ppm	9.997518	10.002482	40.400 ppm	150.0 ppm	PASS 10.15 %
10.0 VAC @ 199.997 kHz	10.0012870	577.27 ppm	9.994227	10.005773	0.0129 %	300.0 ppm	PASS 14.67 %
10.0 VAC @ 299.996 kHz	10.0029230	577.27 ppm	9.994227	10.005773	0.0292 %	300.0 ppm	PASS 33.32 %
10.0 VAC @ 499.994 kHz	10.0087610	1400.00 ppm	9.986000	10.014000	0.0876 %	300.0 ppm	PASS 51.54 %
10.0 VAC @ 699.991 kHz	10.0213750	3000.00 ppm	9.970000	10.030000	0.2138 %	1000.0 ppm	PASS 53.44 %
10.0 VAC @ 999.987 kHz	10.0322300	3000.00 ppm	9.970000	10.030000	0.3223 %	1000.0 ppm	PASS 80.57 %
20.0 VAC @ 14.99981 Hz	20.0021600	73.18 ppm	19.998536	20.001464	0.0108 %	75.0 ppm	PASS 72.88 %
20.0 VAC @ 19.9997 Hz	20.0011900	73.18 ppm	19.998536	20.001464	59.500 ppm	75.0 ppm	PASS 40.15 %
20.0 VAC @ 49.9994 Hz	20.0001100	73.18 ppm	19.998536	20.001464	5.500 ppm	30.0 ppm	PASS 5.33 %
20.0 VAC @ 99.9987 Hz	19.9999800	73.18 ppm	19.998536	20.001464	-1.000 ppm	30.0 ppm	PASS 0.97 %
20.0 VAC @ 399.995 Hz	20.0000800	73.18 ppm	19.998536	20.001464	4.000 ppm	30.0 ppm	PASS 3.88 %
20.0 VAC @ 999.987 Hz	20.0001300	73.18 ppm	19.998536	20.001464	6.500 ppm	30.0 ppm	PASS 6.30 %
20.0 VAC @ 1.99997 kHz	20.0002200	73.18 ppm	19.998536	20.001464	11.000 ppm	30.0 ppm	PASS 10.66 %
20.0 VAC @ 2.99996 kHz	20.0002900	73.18 ppm	19.998536	20.001464	14.500 ppm	30.0 ppm	PASS 14.05 %
20.0 VAC @ 3.99995 kHz	20.0002800	73.18 ppm	19.998536	20.001464	14.000 ppm	30.0 ppm	PASS 13.57 %
20.0 VAC @ 4.99994 kHz	20.0003300	73.18 ppm	19.998536	20.001464	16.500 ppm	30.0 ppm	PASS 15.99 %
20.0 VAC @ 6.24992 kHz	20.0003700	73.18 ppm	19.998536	20.001464	18.500 ppm	30.0 ppm	PASS 17.93 %
20.0 VAC @ 7.9999 kHz	20.0003300	73.18 ppm	19.998536	20.001464	16.500 ppm	30.0 ppm	PASS 15.99 %
20.0 VAC @ 9.99987 kHz	20.0003200	73.18 ppm	19.998536	20.001464	16.000 ppm	30.0 ppm	PASS 15.51 %
20.0 VAC @ 14.99981 kHz	20.0003200	73.18 ppm	19.998536	20.001464	16.000 ppm	30.0 ppm	PASS 15.51 %
20.0 VAC @ 19.9997 kHz	20.0003200	73.18 ppm	19.998536	20.001464	16.000 ppm	30.0 ppm	PASS 15.51 %
20.0 VAC @ 29.9996 kHz	20.0004500	129.09 ppm	19.997418	20.002582	22.500 ppm	70.0 ppm	PASS 11.30 %
20.0 VAC @ 49.9994 kHz	20.0005900	129.09 ppm	19.997418	20.002582	29.500 ppm	70.0 ppm	PASS 14.82 %
20.0 VAC @ 99.9987 kHz	20.0019500	248.18 ppm	19.995036	20.004964	97.500 ppm	150.0 ppm	PASS 24.49 %
20.0 VAC @ 199.997 kHz	20.0076700	577.27 ppm	19.988455	20.011545	0.0384 %	300.0 ppm	PASS 43.72 %
20.0 VAC @ 299.996 kHz	20.0190600	577.27 ppm	19.988455	20.011545	0.0953 %	300.0 ppm	FAIL 108.63 %
20.0 VAC @ 499.994 kHz	20.0637000	1400.00 ppm	19.972000	20.028000	0.3185 %	300.0 ppm	FAIL 187.35 %
20.0 VAC @ 699.991 kHz	20.0866400	3000.00 ppm	19.940000	20.060000	0.4332 %	1000.0 ppm	FAIL 108.30 %
20.0 VAC @ 999.987 kHz	20.0407700	3000.00 ppm	19.940000	20.060000	0.2038 %	1000.0 ppm	PASS 50.96 %
30.0 VAC @ 14.99984 Hz	30.0003800	79.55 ppm	29.997613	30.002387	12.667 ppm	75.0 ppm	PASS 8.20 %
30.0 VAC @ 19.9998 Hz	29.9999900	79.55 ppm	29.997613	30.002387	-0.333 ppm	75.0 ppm	PASS 0.22 %
30.0 VAC @ 49.9994 Hz	29.9995700	79.55 ppm	29.997613	30.002387	-14.333 ppm	30.0 ppm	PASS 13.08 %
30.0 VAC @ 99.9987 Hz	29.9995500	79.55 ppm	29.997613	30.002387	-15.000 ppm	30.0 ppm	PASS 13.69 %
30.0 VAC @ 399.995 Hz	29.9995200	79.55 ppm	29.997613	30.002387	-16.000 ppm	30.0 ppm	PASS 14.61 %
30.0 VAC @ 999.987 Hz	29.9996700	79.55 ppm	29.997613	30.002387	-11.000 ppm	30.0 ppm	PASS 10.04 %
30.0 VAC @ 1.99997 kHz	29.9996600	79.55 ppm	29.997613	30.002387	-11.333 ppm	30.0 ppm	PASS 10.35 %
30.0 VAC @ 2.99996 kHz	29.9995100	79.55 ppm	29.997613	30.002387	-16.333 ppm	30.0 ppm	PASS 14.91 %
30.0 VAC @ 3.99995 kHz	29.9999200	79.55 ppm	29.997613	30.002387	-2.667 ppm	30.0 ppm	PASS 2.43 %
30.0 VAC @ 4.99994 kHz	29.9994400	79.55 ppm	29.997613	30.002387	-18.667 ppm	30.0 ppm	PASS 17.04 %
30.0 VAC @ 6.24992 kHz	29.9994900	79.55 ppm	29.997613	30.002387	-17.000 ppm	30.0 ppm	PASS 15.52 %
30.0 VAC @ 7.9999 kHz	29.9996100	79.55 ppm	29.997613	30.002387	-13.000 ppm	30.0 ppm	PASS 11.87 %
30.0 VAC @ 9.99987 kHz	29.9996900	79.55 ppm	29.997613	30.002387	-10.333 ppm	30.0 ppm	PASS 9.43 %
30.0 VAC @ 14.99981 kHz	29.9997900	79.55 ppm	29.997613	30.002387	-7.000 ppm	30.0 ppm	PASS 6.39 %

30.0 VAC @ 19.9997 kHz	<b>29.9999800</b>	79.55 ppm	29.997613	30.002387	-0.667 ppm	30.0 ppm	PASS 0.61 %
30.0 VAC @ 29.9996 kHz	<b>30.0003300</b>	218.18 ppm	29.993455	30.006545	11.000 ppm	70.0 ppm	PASS 3.82 %
30.0 VAC @ 49.9994 kHz	<b>30.0018100</b>	218.18 ppm	29.993455	30.006545	60.333 ppm	70.0 ppm	PASS 20.94 %
30.0 VAC @ 99.9987 kHz	<b>30.0064600</b>	545.45 ppm	29.983636	30.016364	0.0215 %	150.0 ppm	PASS 30.96 %
30.0 VAC @ 199.997 kHz	<b>30.0309000</b>	2000.00 ppm	29.940000	30.060000	0.1030 %	300.0 ppm	PASS 44.78 %
30.0 VAC @ 299.996 kHz	<b>30.0632400</b>	2000.00 ppm	29.940000	30.060000	0.2108 %	300.0 ppm	PASS 91.65 %
30.0 VAC @ 499.994 kHz	<b>30.1538000</b>	5500.00 ppm	29.835000	30.165000	0.5127 %	300.0 ppm	PASS 88.39 %
30.0 VAC @ 699.991 kHz	<b>30.1290600</b>	13000.00 ppm	29.610000	30.390000	0.4302 %	1000.0 ppm	PASS 30.73 %
100.0 VAC @ 14.99979 Hz	<b>100.0010600</b>	79.55 ppm	99.992045	100.007955	10.600 ppm	75.0 ppm	PASS 6.86 %
100.0 VAC @ 19.9997 Hz	<b>99.9996900</b>	79.55 ppm	99.992045	100.007955	-3.100 ppm	75.0 ppm	PASS 2.01 %
100.0 VAC @ 49.9994 Hz	<b>99.9978100</b>	79.55 ppm	99.992045	100.007955	-21.900 ppm	30.0 ppm	PASS 19.99 %
100.0 VAC @ 99.9987 Hz	<b>99.9978000</b>	79.55 ppm	99.992045	100.007955	-22.000 ppm	30.0 ppm	PASS 20.08 %
100.0 VAC @ 399.995 Hz	<b>99.9973800</b>	79.55 ppm	99.992045	100.007955	-26.200 ppm	30.0 ppm	PASS 23.92 %
100.0 VAC @ 999.987 Hz	<b>99.9975500</b>	79.55 ppm	99.992045	100.007955	-24.500 ppm	30.0 ppm	PASS 22.36 %
100.0 VAC @ 1.99997 kHz	<b>99.9975300</b>	79.55 ppm	99.992045	100.007955	-24.700 ppm	30.0 ppm	PASS 22.55 %
100.0 VAC @ 2.99996 kHz	<b>99.9977300</b>	79.55 ppm	99.992045	100.007955	-22.700 ppm	30.0 ppm	PASS 20.72 %
100.0 VAC @ 3.99995 kHz	<b>99.9977800</b>	79.55 ppm	99.992045	100.007955	-22.200 ppm	30.0 ppm	PASS 20.26 %
100.0 VAC @ 4.99993 kHz	<b>99.9975700</b>	79.55 ppm	99.992045	100.007955	-24.300 ppm	30.0 ppm	PASS 22.18 %
100.0 VAC @ 6.24992 kHz	<b>99.9977000</b>	79.55 ppm	99.992045	100.007955	-23.000 ppm	30.0 ppm	PASS 20.99 %
100.0 VAC @ 7.9999 kHz	<b>99.9980500</b>	79.55 ppm	99.992045	100.007955	-19.500 ppm	30.0 ppm	PASS 17.80 %
100.0 VAC @ 9.99987 kHz	<b>99.9982500</b>	79.55 ppm	99.992045	100.007955	-17.500 ppm	30.0 ppm	PASS 15.97 %
100.0 VAC @ 14.99981 kHz	<b>99.9982800</b>	79.55 ppm	99.992045	100.007955	-17.200 ppm	30.0 ppm	PASS 15.70 %
100.0 VAC @ 19.9997 kHz	<b>99.9982600</b>	79.55 ppm	99.992045	100.007955	-17.400 ppm	30.0 ppm	PASS 15.88 %
100.0 VAC @ 29.9996 kHz	<b>99.9978000</b>	218.18 ppm	99.978182	100.021818	-22.000 ppm	70.0 ppm	PASS 7.63 %
100.0 VAC @ 49.9994 kHz	<b>99.9969900</b>	218.18 ppm	99.978182	100.021818	-30.100 ppm	70.0 ppm	PASS 10.44 %
100.0 VAC @ 99.9987 kHz	<b>99.9902600</b>	545.45 ppm	99.945455	100.054545	-97.400 ppm	150.0 ppm	PASS 14.01 %
100.0 VAC @ 199.997 kHz	<b>100.0003500</b>	2000.00 ppm	99.800000	100.200000	3.500 ppm	300.0 ppm	PASS 0.15 %
200.0 VAC @ 14.9998 Hz	<b>200.0218000</b>	79.55 ppm	199.984090	200.015910	0.0109 %	80.0 ppm	PASS 68.32 %
200.0 VAC @ 19.9998 Hz	<b>200.0121000</b>	79.55 ppm	199.984090	200.015910	60.500 ppm	80.0 ppm	PASS 37.92 %
200.0 VAC @ 49.9994 Hz	<b>200.0015000</b>	79.55 ppm	199.984090	200.015910	7.500 ppm	35.0 ppm	PASS 6.55 %
200.0 VAC @ 99.9987 Hz	<b>200.0005000</b>	79.55 ppm	199.984090	200.015910	2.500 ppm	35.0 ppm	PASS 2.18 %
200.0 VAC @ 399.995 Hz	<b>199.9995000</b>	79.55 ppm	199.984090	200.015910	-2.500 ppm	35.0 ppm	PASS 2.18 %
200.0 VAC @ 999.987 Hz	<b>199.9996000</b>	79.55 ppm	199.984090	200.015910	-2.000 ppm	35.0 ppm	PASS 1.75 %
200.0 VAC @ 1.99997 kHz	<b>199.9999000</b>	79.55 ppm	199.984090	200.015910	-0.500 ppm	35.0 ppm	PASS 0.44 %
200.0 VAC @ 2.99996 kHz	<b>199.9996000</b>	79.55 ppm	199.984090	200.015910	-2.000 ppm	35.0 ppm	PASS 1.75 %
200.0 VAC @ 3.99995 kHz	<b>199.9993000</b>	79.55 ppm	199.984090	200.015910	-3.500 ppm	35.0 ppm	PASS 3.06 %
200.0 VAC @ 4.99993 kHz	<b>199.9990000</b>	79.55 ppm	199.984090	200.015910	-5.000 ppm	35.0 ppm	PASS 4.36 %
200.0 VAC @ 6.24992 kHz	<b>199.9994000</b>	79.55 ppm	199.984090	200.015910	-3.000 ppm	35.0 ppm	PASS 2.62 %
200.0 VAC @ 7.9999 kHz	<b>200.0003000</b>	79.55 ppm	199.984090	200.015910	1.500 ppm	35.0 ppm	PASS 1.31 %
200.0 VAC @ 9.99987 kHz	<b>200.0023000</b>	79.55 ppm	199.984090	200.015910	11.500 ppm	35.0 ppm	PASS 10.04 %
200.0 VAC @ 14.99981 kHz	<b>200.0076000</b>	79.55 ppm	199.984090	200.015910	38.000 ppm	35.0 ppm	PASS 33.17 %
200.0 VAC @ 19.9997 kHz	<b>200.0175000</b>	79.55 ppm	199.984090	200.015910	87.500 ppm	35.0 ppm	PASS 76.39 %
200.0 VAC @ 29.9996 kHz	<b>200.0551000</b>	218.18 ppm	199.956364	200.043636	0.0276 %	75.0 ppm	PASS 93.97 %
200.0 VAC @ 49.9994 kHz	<b>200.0558000</b>	218.18 ppm	199.956364	200.043636	0.0279 %	75.0 ppm	PASS 95.16 %
200.0 VAC @ 99.9987 kHz	<b>200.3434000</b>	545.45 ppm	199.890910	200.109090	0.1717 %	150.0 ppm	FAIL 246.89 %
300.0 VAC @ 49.9994 Hz	<b>299.9826000</b>	2000.00 ppm	299.400000	300.600000	-58.000 ppm	35.0 ppm	PASS 2.85 %
300.0 VAC @ 99.9987 Hz	<b>299.9752000</b>	78.64 ppm	299.976408	300.023592	-82.667 ppm	35.0 ppm	PASS 72.74 %
300.0 VAC @ 399.995 Hz	<b>299.9824000</b>	78.64 ppm	299.976408	300.023592	-58.667 ppm	35.0 ppm	PASS 51.63 %
300.0 VAC @ 999.987 Hz	<b>299.9851000</b>	78.64 ppm	299.976408	300.023592	-49.667 ppm	35.0 ppm	PASS 43.71 %
500 VAC @ 49.9993 Hz	<b>499.9908000</b>	78.64 ppm	499.960680	500.039320	-18.400 ppm	35.0 ppm	PASS 16.19 %
500 VAC @ 99.9987 Hz	<b>499.9898000</b>	98.64 ppm	499.950680	500.049320	-20.400 ppm	35.0 ppm	PASS 15.26 %
500 VAC @ 399.995 Hz	<b>499.9950000</b>	98.64 ppm	499.950680	500.049320	-10.000 ppm	35.0 ppm	PASS 7.48 %
500 VAC @ 999.987 Hz	<b>499.9973000</b>	98.64 ppm	499.950680	500.049320	-5.400 ppm	35.0 ppm	PASS 4.04 %
1000.0 VAC @ 49.9994 Hz	<b>999.9969000</b>	98.64 ppm	999.901360	1000.098640	-3.100 ppm	35.0 ppm	PASS 2.32 %
1000.0 VAC @ 99.9987 Hz	<b>999.9942000</b>	128.64 ppm	999.871360	1000.128640	-5.800 ppm	35.0 ppm	PASS 3.54 %
1000.0 VAC @ 399.995 Hz	<b>999.9966000</b>	128.64 ppm	999.871360	1000.128640	-3.400 ppm	35.0 ppm	PASS 2.08 %
1000.0 VAC @ 999.987 Hz	<b>1000.0024000</b>	128.64 ppm	999.871360	1000.128640	2.400 ppm	35.0 ppm	PASS 1.47 %

Test completed

---

Test date	03 August 2018 18:36
UUT Internal TEMP?	NONE

Lab temperature maintained +24°C ±2°C

Internal use only

Not validated

Cal.equipment

Test block

2018 © cal.equipment