

Manufacturer	Wavetek-Datron	Calibration date	March 16 2018
Model Number	4920M	Ambient Temperature	0.00 °C
Serial	29336	Relative Humidity	0.00 %
ID Number	W4920M	Pressure	0.00
Notes	Pre-cal check GPIB19	Test type	PERFVAL

This note is test dummy text block for further use. It allow to include user information for further reference

Reference standard	Mfg	Model	Options	Serial / Unc	CEID	Calibration date	Due date
TEST MFC	Fluke	5700A	None	x26	ID02	10/03/2013	10/03/2014
DMM	HP	3458A	001,X02	MY45040325	XD2	01/05/2017	01/05/2018
DMM	Keithley	2002	MEM2	0603805	XD4	02/25/2018	02/25/2019
DMM	Keithley	2002	1801	XXX	XD6	01/05/2017	01/05/2018
STDR	xDevs.com	1GOhm	1.0 GΩ	XXX	MR00	08/23/2016	08/23/2017
DC STD	xDevs.com	792X[2]	10.000009 VDC	± 2.2ppm	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	2264.0 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	2013-10-03 00:00:00
MFC Calibrate date Zero	2019-03-15 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	6.53722425884
CAL CONST 13V reference voltage	13.0725878729	CAL CONST 22V range positive zero	398.18762
CAL CONST 22V range negative zero	398.18688	CAL CONST DAC Linearity	0.295316643473
CAL CONST 10KOHM true output resistance	9999.58094647	CAL CONST 10KOHM standard resistance	9999.79242649
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:02 D:18 Y:17	Test date	March 16 2018 03:58
DUT Internal TEMP?	NONE	Calibration interval	90.0
PROG?	"ACV 1000,RESL7,FILT100HZ, OFF,INT"	Calibration temp (hardcode)	+24.0 °C

Test procedure : \$Id: w4920m.py | Rev 603 | 2018/03/16 03:57:14 clu \$

Source procedure : \$Id: f5700a.py | Rev 602 | 2018/03/16 03:16:45 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 @ 0 Hz	0.1127789	140.45 ppm	0.099986	0.100014	12.7789 %	75.0 ppm	FAIL 59312.60 %
0.1 VAC @ 19.9997 Hz	0.1082019	140.45 ppm	0.099986	0.100014	8.2019 %	75.0 ppm	FAIL 38068.69 %
0.1 VAC @ 49.9993 Hz	0.1078717	140.45 ppm	0.099986	0.100014	7.8717 %	30.0 ppm	FAIL 46181.87 %
0.1 VAC @ 99.9986 Hz	0.1078987	140.45 ppm	0.099986	0.100014	7.8987 %	30.0 ppm	FAIL 46340.28 %
0.1 VAC @ 399.994 Hz	0.1079009	140.45 ppm	0.099986	0.100014	7.9009 %	30.0 ppm	FAIL 46353.18 %
0.1 VAC @ 999.986 Hz	0.1079012	140.45 ppm	0.099986	0.100014	7.9012 %	30.0 ppm	FAIL 46354.94 %
0.1 VAC @ 1.99997 kHz	0.1079012	140.45 ppm	0.099986	0.100014	7.9012 %	30.0 ppm	FAIL 46354.94 %
0.1 VAC @ 3.99994 kHz	0.1079016	140.45 ppm	0.099986	0.100014	7.9016 %	30.0 ppm	FAIL 46357.29 %
0.1 VAC @ 4.99993 kHz	0.1079009	140.45 ppm	0.099986	0.100014	7.9009 %	30.0 ppm	FAIL 46353.18 %
0.1 VAC @ 6.24991 kHz	0.1079010	140.45 ppm	0.099986	0.100014	7.9010 %	30.0 ppm	FAIL 46353.77 %
0.1 VAC @ 7.99989 kHz	0.1079008	140.45 ppm	0.099986	0.100014	7.9008 %	30.0 ppm	FAIL 46352.60 %
0.1 VAC @ 9.99986 kHz	0.1079006	140.45 ppm	0.099986	0.100014	7.9006 %	30.0 ppm	FAIL 46351.42 %
0.1 VAC @ 14.99979 kHz	0.1079001	140.45 ppm	0.099986	0.100014	7.9001 %	30.0 ppm	FAIL 46348.49 %
0.1 VAC @ 19.9997 kHz	0.1078990	140.45 ppm	0.099986	0.100014	7.8990 %	30.0 ppm	FAIL 46342.04 %
0.1 VAC @ 29.9996 kHz	0.1078971	345.45 ppm	0.099965	0.100035	7.8971 %	70.0 ppm	FAIL 19008.54 %
0.1 VAC @ 49.9993 kHz	0.1078955	345.45 ppm	0.099965	0.100035	7.8955 %	70.0 ppm	FAIL 19004.69 %
0.1 VAC @ 99.9986 kHz	0.1078832	886.36 ppm	0.099911	0.100089	7.8832 %	150.0 ppm	FAIL 7606.62 %
0.1 VAC @ 199.997 kHz	0.1079351	1100.00 ppm	0.099890	0.100110	7.9351 %	300.0 ppm	FAIL 5667.93 %
0.1 VAC @ 499.993 kHz	0.1077782	1700.00 ppm	0.099830	0.100170	7.7782 %	300.0 ppm	FAIL 3889.10 %
0.1 VAC @ 999.986 kHz	0.1072864	3500.00 ppm	0.099650	0.100350	7.2864 %	1000.0 ppm	FAIL 1619.20 %
0.3 VAC @ 0 Hz	0.3149770	124.00 ppm	0.299963	0.300037	4.9923 %	75.0 ppm	FAIL 25087.10 %
0.3 VAC @ 19.9997 Hz	0.3009322	73.18 ppm	0.299978	0.300022	0.3107 %	75.0 ppm	FAIL 2097.00 %
0.3 VAC @ 49.9993 Hz	0.2999362	73.18 ppm	0.299978	0.300022	-0.0213 %	30.0 ppm	FAIL 206.11 %
0.3 VAC @ 99.9986 Hz	0.3000154	73.18 ppm	0.299978	0.300022	51.333 ppm	30.0 ppm	PASS 49.75 %
0.3 VAC @ 399.994 Hz	0.3000190	73.18 ppm	0.299978	0.300022	63.333 ppm	30.0 ppm	PASS 61.38 %
0.3 VAC @ 999.986 Hz	0.3000198	73.18 ppm	0.299978	0.300022	66.000 ppm	30.0 ppm	PASS 63.97 %
0.3 VAC @ 1.99997 kHz	0.3000202	73.18 ppm	0.299978	0.300022	67.333 ppm	30.0 ppm	PASS 65.26 %
0.3 VAC @ 3.99994 kHz	0.3000205	73.18 ppm	0.299978	0.300022	68.333 ppm	30.0 ppm	PASS 66.23 %
0.3 VAC @ 4.99993 kHz	0.3000191	73.18 ppm	0.299978	0.300022	63.667 ppm	30.0 ppm	PASS 61.70 %
0.3 VAC @ 6.24991 kHz	0.3000197	73.18 ppm	0.299978	0.300022	65.667 ppm	30.0 ppm	PASS 63.64 %
0.3 VAC @ 7.99989 kHz	0.3000198	73.18 ppm	0.299978	0.300022	66.000 ppm	30.0 ppm	PASS 63.97 %
0.3 VAC @ 9.99986 kHz	0.3000184	73.18 ppm	0.299978	0.300022	61.333 ppm	30.0 ppm	PASS 59.44 %
0.3 VAC @ 14.99979 kHz	0.3000187	73.18 ppm	0.299978	0.300022	62.333 ppm	30.0 ppm	PASS 60.41 %
0.3 VAC @ 19.9997 kHz	0.3000185	73.18 ppm	0.299978	0.300022	61.667 ppm	30.0 ppm	PASS 59.77 %
0.3 VAC @ 29.9996 kHz	0.3000187	129.09 ppm	0.299961	0.300039	62.333 ppm	70.0 ppm	PASS 31.31 %
0.3 VAC @ 49.9993 kHz	0.3000214	129.09 ppm	0.299961	0.300039	71.333 ppm	70.0 ppm	PASS 35.83 %
0.3 VAC @ 99.9986 kHz	0.3000286	266.36 ppm	0.299920	0.300080	95.333 ppm	150.0 ppm	PASS 22.90 %
0.3 VAC @ 199.997 kHz	0.3002180	468.18 ppm	0.299860	0.300140	0.0727 %	300.0 ppm	PASS 94.60 %
0.3 VAC @ 499.993 kHz	0.3002288	1200.00 ppm	0.299640	0.300360	0.0763 %	300.0 ppm	PASS 50.84 %
0.3 VAC @ 999.986 kHz	0.3004864	2500.00 ppm	0.299250	0.300750	0.1621 %	1000.0 ppm	PASS 46.32 %
1.0 VAC @ 0 Hz	1.0522427	124.00 ppm	0.999876	1.000124	5.2243 %	75.0 ppm	FAIL 26252.61 %
1.0 VAC @ 19.9997 Hz	1.0031844	73.18 ppm	0.999927	1.000073	0.3184 %	75.0 ppm	FAIL 2149.01 %
1.0 VAC @ 49.9993 Hz	0.9997269	73.18 ppm	0.999927	1.000073	-0.0273 %	30.0 ppm	FAIL 264.68 %
1.0 VAC @ 99.9986 Hz	1.0000068	73.18 ppm	0.999927	1.000073	6.800 ppm	30.0 ppm	PASS 6.59 %
1.0 VAC @ 399.994 Hz	1.0000153	73.18 ppm	0.999927	1.000073	15.300 ppm	30.0 ppm	PASS 14.83 %
1.0 VAC @ 999.986 Hz	1.0000181	73.18 ppm	0.999927	1.000073	18.100 ppm	30.0 ppm	PASS 17.54 %
1.0 VAC @ 1.99997 kHz	1.0000202	73.18 ppm	0.999927	1.000073	20.200 ppm	30.0 ppm	PASS 19.58 %
1.0 VAC @ 3.99994 kHz	1.0000198	73.18 ppm	0.999927	1.000073	19.800 ppm	30.0 ppm	PASS 19.19 %
1.0 VAC @ 4.99993 kHz	1.0000185	73.18 ppm	0.999927	1.000073	18.500 ppm	30.0 ppm	PASS 17.93 %
1.0 VAC @ 6.24991 kHz	1.0000177	73.18 ppm	0.999927	1.000073	17.700 ppm	30.0 ppm	PASS 17.15 %
1.0 VAC @ 7.99989 kHz	1.0000171	73.18 ppm	0.999927	1.000073	17.100 ppm	30.0 ppm	PASS 16.57 %
1.0 VAC @ 9.99986 kHz	1.0000150	73.18 ppm	0.999927	1.000073	15.000 ppm	30.0 ppm	PASS 14.54 %
1.0 VAC @ 14.99979 kHz	1.0000154	73.18 ppm	0.999927	1.000073	15.400 ppm	30.0 ppm	PASS 14.93 %
1.0 VAC @ 19.9997 kHz	1.0000143	73.18 ppm	0.999927	1.000073	14.300 ppm	30.0 ppm	PASS 13.86 %
1.0 VAC @ 29.9996 kHz	1.0000090	129.09 ppm	0.999871	1.000129	9.000 ppm	70.0 ppm	PASS 4.52 %
1.0 VAC @ 49.9993 kHz	1.0000086	129.09 ppm	0.999871	1.000129	8.600 ppm	70.0 ppm	PASS 4.32 %
1.0 VAC @ 99.9986 kHz	0.9999870	266.36 ppm	0.999734	1.000266	-13.000 ppm	150.0 ppm	PASS 3.12 %
1.0 VAC @ 199.997 kHz	1.0008997	468.18 ppm	0.999532	1.000468	0.0900 %	300.0 ppm	FAIL 117.12 %

1.0 VAC @ 499.993 kHz	<b>1.0012693</b>	1200.00 ppm	0.998800	1.001200	0.1269 %	300.0 ppm	PASS 84.62 %
1.0 VAC @ 999.986 kHz	<b>1.0024566</b>	2500.00 ppm	0.997500	1.002500	0.2457 %	1000.0 ppm	PASS 70.19 %
2.0 VAC @ 0 Hz	<b>2.1030600</b>	124.00 ppm	1.999752	2.000248	5.1530 %	75.0 ppm	FAIL 25894.47 %
2.0 VAC @ 19.9998 Hz	<b>2.0062870</b>	73.18 ppm	1.999854	2.000146	0.3143 %	75.0 ppm	FAIL 2121.41 %
2.0 VAC @ 49.9993 Hz	<b>1.9993780</b>	73.18 ppm	1.999854	2.000146	-0.0311 %	30.0 ppm	FAIL 301.42 %
2.0 VAC @ 99.9986 Hz	<b>1.9999380</b>	73.18 ppm	1.999854	2.000146	-31.000 ppm	30.0 ppm	PASS 30.04 %
2.0 VAC @ 399.994 Hz	<b>1.9999780</b>	73.18 ppm	1.999854	2.000146	-11.000 ppm	30.0 ppm	PASS 10.66 %
2.0 VAC @ 999.986 Hz	<b>1.9999760</b>	73.18 ppm	1.999854	2.000146	-12.000 ppm	30.0 ppm	PASS 11.63 %
2.0 VAC @ 1.99997 kHz	<b>1.9999890</b>	73.18 ppm	1.999854	2.000146	-5.500 ppm	30.0 ppm	PASS 5.33 %
2.0 VAC @ 3.99994 kHz	<b>1.9999910</b>	73.18 ppm	1.999854	2.000146	-4.500 ppm	30.0 ppm	PASS 4.36 %
2.0 VAC @ 4.99993 kHz	<b>1.9999880</b>	73.18 ppm	1.999854	2.000146	-6.000 ppm	30.0 ppm	PASS 5.82 %
2.0 VAC @ 6.24991 kHz	<b>1.9999900</b>	73.18 ppm	1.999854	2.000146	-5.000 ppm	30.0 ppm	PASS 4.85 %
2.0 VAC @ 7.99989 kHz	<b>1.9999870</b>	73.18 ppm	1.999854	2.000146	-6.500 ppm	30.0 ppm	PASS 6.30 %
2.0 VAC @ 9.99986 kHz	<b>1.9999870</b>	73.18 ppm	1.999854	2.000146	-6.500 ppm	30.0 ppm	PASS 6.30 %
2.0 VAC @ 14.99979 kHz	<b>1.9999840</b>	73.18 ppm	1.999854	2.000146	-8.000 ppm	30.0 ppm	PASS 7.75 %
2.0 VAC @ 19.9997 kHz	<b>1.9999890</b>	73.18 ppm	1.999854	2.000146	-5.500 ppm	30.0 ppm	PASS 5.33 %
2.0 VAC @ 29.9996 kHz	<b>1.9999740</b>	129.09 ppm	1.999742	2.000258	-13.000 ppm	70.0 ppm	PASS 6.53 %
2.0 VAC @ 49.9993 kHz	<b>1.9999820</b>	129.09 ppm	1.999742	2.000258	-9.000 ppm	70.0 ppm	PASS 4.52 %
2.0 VAC @ 99.9986 kHz	<b>1.9999320</b>	266.36 ppm	1.999467	2.000533	-34.000 ppm	150.0 ppm	PASS 8.17 %
2.0 VAC @ 199.997 kHz	<b>2.0017800</b>	468.18 ppm	1.999064	2.000936	0.0890 %	300.0 ppm	FAIL 115.86 %
2.0 VAC @ 499.993 kHz	<b>2.0018930</b>	1200.00 ppm	1.997600	2.002400	0.0946 %	300.0 ppm	PASS 63.10 %
2.0 VAC @ 999.986 kHz	<b>2.0024930</b>	2500.00 ppm	1.995000	2.005000	0.1246 %	1000.0 ppm	PASS 35.61 %
3.0 VAC @ 0 Hz	<b>3.1564910</b>	124.00 ppm	2.999628	3.000372	5.2164 %	75.0 ppm	FAIL 26212.90 %
3.0 VAC @ 19.9997 Hz	<b>3.0093580</b>	73.18 ppm	2.999780	3.000220	0.3119 %	75.0 ppm	FAIL 2105.10 %
3.0 VAC @ 49.9993 Hz	<b>2.9991940</b>	73.18 ppm	2.999780	3.000220	-0.0269 %	30.0 ppm	FAIL 260.39 %
3.0 VAC @ 99.9986 Hz	<b>3.0000070</b>	73.18 ppm	2.999780	3.000220	2.333 ppm	30.0 ppm	PASS 2.26 %
3.0 VAC @ 399.994 Hz	<b>3.0000610</b>	73.18 ppm	2.999780	3.000220	20.333 ppm	30.0 ppm	PASS 19.71 %
3.0 VAC @ 999.986 Hz	<b>3.0000930</b>	73.18 ppm	2.999780	3.000220	31.000 ppm	30.0 ppm	PASS 30.04 %
3.0 VAC @ 1.99997 kHz	<b>3.0000710</b>	73.18 ppm	2.999780	3.000220	23.667 ppm	30.0 ppm	PASS 22.94 %
3.0 VAC @ 3.99994 kHz	<b>3.0000760</b>	73.18 ppm	2.999780	3.000220	25.333 ppm	30.0 ppm	PASS 24.55 %
3.0 VAC @ 4.99993 kHz	<b>3.0000790</b>	73.18 ppm	2.999780	3.000220	26.333 ppm	30.0 ppm	PASS 25.52 %
3.0 VAC @ 6.24991 kHz	<b>3.0000800</b>	73.18 ppm	2.999780	3.000220	26.667 ppm	30.0 ppm	PASS 25.84 %
3.0 VAC @ 7.99989 kHz	<b>3.0000700</b>	73.18 ppm	2.999780	3.000220	23.333 ppm	30.0 ppm	PASS 22.61 %
3.0 VAC @ 9.99986 kHz	<b>3.0000740</b>	73.18 ppm	2.999780	3.000220	24.667 ppm	30.0 ppm	PASS 23.91 %
3.0 VAC @ 14.99979 kHz	<b>3.0000660</b>	73.18 ppm	2.999780	3.000220	22.000 ppm	30.0 ppm	PASS 21.32 %
3.0 VAC @ 19.9997 kHz	<b>3.0000680</b>	73.18 ppm	2.999780	3.000220	22.667 ppm	30.0 ppm	PASS 21.97 %
3.0 VAC @ 29.9996 kHz	<b>3.0000770</b>	129.09 ppm	2.999613	3.000387	25.667 ppm	70.0 ppm	PASS 12.89 %
3.0 VAC @ 49.9993 kHz	<b>3.0001210</b>	129.09 ppm	2.999613	3.000387	40.333 ppm	70.0 ppm	PASS 20.26 %
3.0 VAC @ 99.9986 kHz	<b>3.0002660</b>	248.18 ppm	2.999255	3.000745	88.667 ppm	150.0 ppm	PASS 22.27 %
3.0 VAC @ 199.997 kHz	<b>3.0026330</b>	577.27 ppm	2.998268	3.001732	0.0878 %	300.0 ppm	FAIL 100.05 %
3.0 VAC @ 499.993 kHz	<b>3.0025180</b>	1400.00 ppm	2.995800	3.004200	0.0839 %	300.0 ppm	PASS 49.37 %
3.0 VAC @ 999.986 kHz	<b>3.0047950</b>	3000.00 ppm	2.991000	3.009000	0.1598 %	1000.0 ppm	PASS 39.96 %
20.0 VAC @ 0 Hz	<b>10.5168870</b>	124.00 ppm	19.997520	20.002480	-47.4156 %	75.0 ppm	FAIL 238269.17 %
10.0 VAC @ 19.9997 Hz	<b>10.0316760</b>	73.18 ppm	9.999268	10.000732	0.3168 %	75.0 ppm	FAIL 2137.67 %
10.0 VAC @ 49.9993 Hz	<b>9.9969860</b>	73.18 ppm	9.999268	10.000732	-0.0301 %	30.0 ppm	FAIL 292.11 %
10.0 VAC @ 99.9986 Hz	<b>9.9997260</b>	73.18 ppm	9.999268	10.000732	-27.400 ppm	30.0 ppm	PASS 26.56 %
10.0 VAC @ 399.994 Hz	<b>9.9998490</b>	73.18 ppm	9.999268	10.000732	-15.100 ppm	30.0 ppm	PASS 14.63 %
10.0 VAC @ 999.986 Hz	<b>9.9998750</b>	73.18 ppm	9.999268	10.000732	-12.500 ppm	30.0 ppm	PASS 12.11 %
10.0 VAC @ 1.99997 kHz	<b>9.9999060</b>	73.18 ppm	9.999268	10.000732	-9.400 ppm	30.0 ppm	PASS 9.11 %
10.0 VAC @ 3.99994 kHz	<b>9.9999410</b>	73.18 ppm	9.999268	10.000732	-5.900 ppm	30.0 ppm	PASS 5.72 %
10.0 VAC @ 4.99993 kHz	<b>9.9999320</b>	73.18 ppm	9.999268	10.000732	-6.800 ppm	30.0 ppm	PASS 6.59 %
10.0 VAC @ 6.24991 kHz	<b>9.9999320</b>	73.18 ppm	9.999268	10.000732	-6.800 ppm	30.0 ppm	PASS 6.59 %
10.0 VAC @ 7.99989 kHz	<b>9.9999420</b>	73.18 ppm	9.999268	10.000732	-5.800 ppm	30.0 ppm	PASS 5.62 %
10.0 VAC @ 9.99986 kHz	<b>9.9999150</b>	73.18 ppm	9.999268	10.000732	-8.500 ppm	30.0 ppm	PASS 8.24 %
10.0 VAC @ 14.99979 kHz	<b>9.9999380</b>	73.18 ppm	9.999268	10.000732	-6.200 ppm	30.0 ppm	PASS 6.01 %
10.0 VAC @ 19.9997 kHz	<b>9.9999200</b>	73.18 ppm	9.999268	10.000732	-8.000 ppm	30.0 ppm	PASS 7.75 %
10.0 VAC @ 29.9996 kHz	<b>9.9999290</b>	129.09 ppm	9.998709	10.001291	-7.100 ppm	70.0 ppm	PASS 3.57 %
10.0 VAC @ 49.9993 kHz	<b>9.9999590</b>	129.09 ppm	9.998709	10.001291	-4.100 ppm	70.0 ppm	PASS 2.06 %
10.0 VAC @ 99.9986 kHz	<b>9.9998860</b>	248.18 ppm	9.997518	10.002482	-11.400 ppm	150.0 ppm	PASS 2.86 %
10.0 VAC @ 199.997 kHz	<b>10.0092630</b>	577.27 ppm	9.994227	10.005773	0.0926 %	300.0 ppm	FAIL 105.59 %
10.0 VAC @ 499.993 kHz	<b>10.0074060</b>	1400.00 ppm	9.986000	10.014000	0.0741 %	300.0 ppm	PASS 43.56 %
10.0 VAC @ 999.986 kHz	<b>10.0173620</b>	3000.00 ppm	9.970000	10.030000	0.1736 %	1000.0 ppm	PASS 43.41 %
22.0 VAC @ 0 Hz	<b>21.0380300</b>	124.00 ppm	21.997272	22.002728	-4.3726 %	75.0 ppm	FAIL 21972.82 %
20.0 VAC @ 19.9997 Hz	<b>20.0620700</b>	73.18 ppm	19.998536	20.001464	0.3103 %	75.0 ppm	FAIL 2094.41 %
20.0 VAC @ 49.9993 Hz	<b>19.9937800</b>	73.18 ppm	19.998536	20.001464	-0.0311 %	30.0 ppm	FAIL 301.42 %
20.0 VAC @ 99.9986 Hz	<b>19.9993100</b>	73.18 ppm	19.998536	20.001464	-34.500 ppm	30.0 ppm	PASS 33.44 %



20.0 VAC @ 399.994 Hz	<b>19.9996700</b>	73.18 ppm	19.998536	20.001464	-16.500 ppm	30.0 ppm	PASS 15.99 %
20.0 VAC @ 999.986 Hz	<b>19.9997200</b>	73.18 ppm	19.998536	20.001464	-14.000 ppm	30.0 ppm	PASS 13.57 %
20.0 VAC @ 1.99997 kHz	<b>19.9998300</b>	73.18 ppm	19.998536	20.001464	-8.500 ppm	30.0 ppm	PASS 8.24 %
20.0 VAC @ 3.99994 kHz	<b>19.9998400</b>	73.18 ppm	19.998536	20.001464	-8.000 ppm	30.0 ppm	PASS 7.75 %
20.0 VAC @ 4.99993 kHz	<b>19.9998600</b>	73.18 ppm	19.998536	20.001464	-7.000 ppm	30.0 ppm	PASS 6.78 %
20.0 VAC @ 6.24991 kHz	<b>19.9998400</b>	73.18 ppm	19.998536	20.001464	-8.000 ppm	30.0 ppm	PASS 7.75 %
20.0 VAC @ 7.99989 kHz	<b>19.9998600</b>	73.18 ppm	19.998536	20.001464	-7.000 ppm	30.0 ppm	PASS 6.78 %
20.0 VAC @ 9.99986 kHz	<b>19.9998700</b>	73.18 ppm	19.998536	20.001464	-6.500 ppm	30.0 ppm	PASS 6.30 %
20.0 VAC @ 14.99979 kHz	<b>19.9999000</b>	73.18 ppm	19.998536	20.001464	-5.000 ppm	30.0 ppm	PASS 4.85 %
20.0 VAC @ 19.9997 kHz	<b>19.9999300</b>	73.18 ppm	19.998536	20.001464	-3.500 ppm	30.0 ppm	PASS 3.39 %
20.0 VAC @ 29.9996 kHz	<b>19.9999300</b>	129.09 ppm	19.997418	20.002582	-3.500 ppm	70.0 ppm	PASS 1.76 %
20.0 VAC @ 49.9993 kHz	<b>20.0001000</b>	129.09 ppm	19.997418	20.002582	5.000 ppm	70.0 ppm	PASS 2.51 %
20.0 VAC @ 99.9986 kHz	<b>20.0007100</b>	248.18 ppm	19.995036	20.004964	35.500 ppm	150.0 ppm	PASS 8.92 %
20.0 VAC @ 199.997 kHz	<b>20.0231100</b>	577.27 ppm	19.988455	20.011545	0.1155 %	300.0 ppm	FAIL 131.72 %
20.0 VAC @ 499.993 kHz	<b>20.0575500</b>	1400.00 ppm	19.972000	20.028000	0.2877 %	300.0 ppm	FAIL 169.26 %
20.0 VAC @ 999.986 kHz	<b>20.0264900</b>	3000.00 ppm	19.940000	20.060000	0.1324 %	1000.0 ppm	PASS 33.11 %
50.0 VAC @ 0 Hz	<b>31.5640700</b>	79.55 ppm	49.996022	50.003978	-36.8719 %	75.0 ppm	FAIL 238575.61 %
30.0 VAC @ 19.9997 Hz	<b>30.0928600</b>	79.55 ppm	29.997613	30.002387	0.3095 %	75.0 ppm	FAIL 2002.80 %
30.0 VAC @ 49.9993 Hz	<b>29.9914600</b>	79.55 ppm	29.997613	30.002387	-0.0285 %	30.0 ppm	FAIL 259.85 %
30.0 VAC @ 99.9986 Hz	<b>29.9998700</b>	79.55 ppm	29.997613	30.002387	-4.333 ppm	30.0 ppm	PASS 3.96 %
30.0 VAC @ 399.994 Hz	<b>30.0002600</b>	79.55 ppm	29.997613	30.002387	8.667 ppm	30.0 ppm	PASS 7.91 %
30.0 VAC @ 999.986 Hz	<b>30.0003200</b>	79.55 ppm	29.997613	30.002387	10.667 ppm	30.0 ppm	PASS 9.74 %
30.0 VAC @ 1.99997 kHz	<b>30.0004300</b>	79.55 ppm	29.997613	30.002387	14.333 ppm	30.0 ppm	PASS 13.08 %
30.0 VAC @ 3.99994 kHz	<b>30.0004400</b>	79.55 ppm	29.997613	30.002387	14.667 ppm	30.0 ppm	PASS 13.39 %
30.0 VAC @ 4.99993 kHz	<b>30.0004500</b>	79.55 ppm	29.997613	30.002387	15.000 ppm	30.0 ppm	PASS 13.69 %
30.0 VAC @ 6.24991 kHz	<b>30.0004800</b>	79.55 ppm	29.997613	30.002387	16.000 ppm	30.0 ppm	PASS 14.61 %
30.0 VAC @ 7.99989 kHz	<b>30.0006000</b>	79.55 ppm	29.997613	30.002387	20.000 ppm	30.0 ppm	PASS 18.26 %
100.0 VAC @ 49.9993 Hz	<b>99.9693600</b>	79.55 ppm	99.992045	100.007955	-0.0306 %	30.0 ppm	FAIL 279.69 %
100.0 VAC @ 99.9986 Hz	<b>99.9966500</b>	79.55 ppm	99.992045	100.007955	-33.500 ppm	30.0 ppm	PASS 30.58 %
100.0 VAC @ 399.994 Hz	<b>99.9982200</b>	79.55 ppm	99.992045	100.007955	-17.800 ppm	30.0 ppm	PASS 16.25 %
100.0 VAC @ 999.986 Hz	<b>99.9983300</b>	218.18 ppm	99.978182	100.021818	-16.700 ppm	30.0 ppm	PASS 6.73 %
100.0 VAC @ 1.99997 kHz	<b>99.9984900</b>	218.18 ppm	99.978182	100.021818	-15.100 ppm	30.0 ppm	PASS 6.08 %
100.0 VAC @ 3.99994 kHz	<b>99.9985600</b>	545.45 ppm	99.945455	100.054545	-14.400 ppm	30.0 ppm	PASS 2.50 %
100.0 VAC @ 4.99993 kHz	<b>99.9988100</b>	2000.00 ppm	99.800000	100.200000	-11.900 ppm	30.0 ppm	PASS 0.59 %
100.0 VAC @ 6.24991 kHz	<b>99.9986900</b>	79.55 ppm	99.992045	100.007955	-13.100 ppm	30.0 ppm	PASS 11.96 %
300.0 VAC @ 49.9993 Hz	<b>299.9331000</b>	79.55 ppm	299.976135	300.023865	-0.0223 %	30.0 ppm	FAIL 203.56 %
300.0 VAC @ 99.9986 Hz	<b>300.0133000</b>	79.55 ppm	299.976135	300.023865	44.333 ppm	30.0 ppm	PASS 40.47 %
300.0 VAC @ 399.994 Hz	<b>300.0189000</b>	79.55 ppm	299.976135	300.023865	63.000 ppm	30.0 ppm	PASS 57.51 %
300.0 VAC @ 999.986 Hz	<b>300.0204000</b>	79.55 ppm	299.976135	300.023865	68.000 ppm	30.0 ppm	PASS 62.07 %
300.0 VAC @ 999.986 Hz	<b>300.0207000</b>	79.55 ppm	299.976135	300.023865	69.000 ppm	30.0 ppm	PASS 62.98 %
300.0 VAC @ 999.986 Hz	<b>300.0199000</b>	79.55 ppm	299.976135	300.023865	66.333 ppm	30.0 ppm	PASS 60.55 %
1000.0 VAC @ 49.9993 Hz	<b>999.7399000</b>	79.55 ppm	999.920450	1000.079550	-0.0260 %	30.0 ppm	FAIL 237.43 %
1000.0 VAC @ 99.9986 Hz	<b>1000.0105000</b>	79.55 ppm	999.920450	1000.079550	10.500 ppm	30.0 ppm	PASS 9.58 %
1000.0 VAC @ 399.994 Hz	<b>1000.0295000</b>	79.55 ppm	999.920450	1000.079550	29.500 ppm	30.0 ppm	PASS 26.93 %
1000.0 VAC @ 999.986 Hz	<b>1000.0257000</b>	79.55 ppm	999.920450	1000.079550	25.700 ppm	30.0 ppm	PASS 23.46 %
1000.0 VAC @ 999.986 Hz	<b>1000.0257000</b>	79.55 ppm	999.920450	1000.079550	25.700 ppm	30.0 ppm	PASS 23.46 %
1000.0 VAC @ 999.986 Hz	<b>1000.0266000</b>	218.18 ppm	999.781820	1000.218180	26.600 ppm	30.0 ppm	PASS 10.72 %

Test date	16 March 2018 09:17
UUT Internal TEMP?	NONE

Lab temperature maintained +24°C ±2°C

Internal use only

Not validated

Cal.equipment

Test block