



ETS Dr.GenZ Taiwan PS Co., Ltd.

FCC Registration No.: 930600

Industry Canada filed test laboratory Reg. No. IC 5679

A2LA Cert.No.: 2300.01

PTCRB Accredited Type Certification Test House

FCC TEST - REPORT

FCC RULES PART 15 / SUBPART C § 15.249

FCC ID : OXM000005

Test report no.:

W6M20611-7548-P-15

Registration number: W6M20611-7548-P-15

FCC ID: OXM000005

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1 General Information**1.1 Notes**

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has Passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.

The test report may only be reproduced or published in full.

Reproduction or publication of extracts from the report requires the prior written approval of the ETS DR. GENZ TAIWAN PS CO., LTD.

Tester:

Dec 27, 2006

Jay Chaing



Date

ETS-Lab.

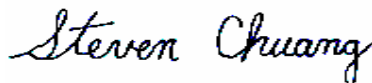
Name

Signature

Technical responsibility for area of testing:

Dec 27, 2006

Steven Chuang



Date

ETS

Name

Signature

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1.2 Testing laboratory

1.2.1 Location

OATS

No.5-1, Shuang Sing Village,
LiShuei Rd., Wanli Township,
Taipei County 207, Taiwan (R.O.C.)

Company

ETS DR.GENZ TAIWAN PS CO., LTD
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.

Tel : 886-2-66068877

Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

A2LA-registration number: 2300.01

FCC filed test laboratory Reg. No. 930600

Industry Canada filed test laboratory Reg. No. IC 5679

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1.3 Details of approval holder

Name:	Targus Group International, Inc
Street:	1211 North Miller Street Anaheim,
Town:	CA 92806,
Country:	USA
Telephone:	714.765.5555
Fax:	714.765.5570
Teletex:	./.

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1.4 Application details

Date of receipt of application : Nov 06, 2006
Date of receipt of test item : Nov 08, 2006
Date of test : From Nov 09, 2006 to Dec 27, 2006

1.5 General information of Test item

Type of test item : Wireless Stow-N-Go Voice Recorder Presenter

Model Number : AMP05

Serial number : without

Brand Name : Targus

Photos : see Annex

Technical data

Frequency band : 2.400-2.4835GHz

Operation Frequency : 2.402-2.479 GHz

Frequency 1 : 2.402 GHz

Frequency 2 : 2.440 GHz

Frequency 3 : 2.479 GHz

Operation modes : duplex

Modulation Type : GSFK

Antenna type : Printed Antenna

Power supply : 3 VDC

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Manufacturer:

(if different from applicant)

Name : Good Way Electronic Co., Ltd. (Kunshan, China)
Street : 366, Chang Jiang N. Rd., Kunsan, Jiangsu,
Town : ./.
Country : China

Additional information : --

1.6 Test standards

Technical standard : FCC RULES PART 15 / SUBPART B / SUBPART C § 15.249 : August 2006

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2 Technical test**2.1 Summary of test results**

No deviations from the technical specification(s) were ascertained in the course of the tests performed.

**or**

The deviations as specified in 2.5 were ascertained in the course of the tests performed.

**2.2 Test environment**

Temperature	: 23 °C
Relative humidity content	: 20 ... 75 %
Air pressure	: 86 ... 103 kPa
Details Power supply	: 3 VDC
Extreme conditions parameters	: Not required

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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2006/10/16	2007/10/15
ETSTW-CE 002	PREREGULATOR MODE DC POWER SUPPLY	None	None		Function Test	
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2006/10/16	2007/10/15
ETSTW-CE 005	Line-Impedance Stabilisation Network	NNBM 8126D	137	Schwarzbeck	2006/10/16	2007/10/15
ETSTW-CE 006	IMPULS-BEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	In House Certificate	
ETSTW-CE 008	ABSORBING CLAMP	MDS 21	3469	ABSORPTIONS-MESSWANDLER-ZANGE	2005/10/24	2007/10/23
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2006/8/17	2007/8/16
ETSTW-CE 012	Dual-Phase-V-Network	NNB-2/16Z	03/10201	Telemeter	2006/6/13	2007/6/12
ETSTW-RE 002	Function Generator	33220A	MY43004982	Agilent	2005/10/14	2007/10/13
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2006/10/20	2007/10/19
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2006/10/30	2007/10/29
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2006/10/12	2007/10/11
ETSTW-RE 010	PROGRAMMABLE LINEAR POWER SUPPLY	LPS-305	30503070181	MOTECH	Function Test	
ETSTW-RE 011	PROGRAMMABLE LINEAR POWER SUPPLY	LPS-305	30503070165	MOTECH	Function Test	
ETSTW-RE 017	ANTENNA	HL025	352886/001	R&S	2006/5/4	2008/5/3
ETSTW-RE 018	ANTENNA	AT4560	27212	AR	2004/11/8	2007/11/7
ETSTW-RE 021	SWEEP GENERATOR	SWM05	835130/010	R&S	2006/10/11	2007/10/10
ETSTW-RE 027	Passive Loop Antenna	6512	34563	EMCO	2004/6/30	2007/6/29
ETSTW-RE 028	Log-Periodic DipoleArray Antenna	3148	34429	EMCO	2006/5/26	2008/5/25
ETSTW-RE 029	Biconical Antenna	3109	33524	EMCO	2006/5/26	2008/5/25
ETSTW-RE 030	Double-Ridged Waveguide Horn Antenna	3117	35224	EMCO	2006/5/3	2008/5/2
ETSTW-RE 032	Millivoltmeter	URV 55	849086/013	R&S	2006/10/11	2007/10/10
ETSTW-RE 033	4CH 1GHz 5GS/s DSO	WAVERUNNER 6100A	LCRY0604P14508	LeCroy	2006/7/27	2007/7/26
ETSTW-RE 034	Power Sensor	URV5-Z4	839313/006	R&S	2006/10/11	2007/10/10
ETSTW-RE 042	ANTENNA	HK116	100172	R&S	2005/1/14	2007/1/13
ETSTW-RE 043	ANTENNA	HL223	100166	R&S	2006/5/8	2008/5/7
ETSTW-RE 044	ANTENNA	HL050	100094	R&S	2006/5/29	2008/5/28
ETSTW-RE 048	Triple Loop Antenna	HXYZ 9170	HXYZ 9170-134	Schwarzbeck	2005/3/22	2008/3/21

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ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2005/5/19	2007/5/18
ETSTW-RE 055	SPECTRUM ANALYZER	FSU-26	200074	R&S	2006/7/28	2007/7/27
ETSTW-EMS 002	Frequency Converter	YF-6020	308014	T-Power	Function Test	
ETSTW-EMS 013	CISPR 22 TWO BALANCED TELECOM PAIRS IMPEDANCE STABILIZATION NETWORK	FCC-TLISN-T4-02	20242	FCC	2005/12/8	2008/12/8
ETSTW-EMS 014	CISPR 22 TWO BALANCED TELECOM PAIRS IMPEDANCE STABILIZATION NETWORK	FCC-TLISN-T2-02	20241	FCC	2005/12/7	2007/12/7
ETSTW-GSM 01	SIM Simulator	IT3	B2004-50106	ORGA	2006/7/26	2007/7/25
ETSTW-GSM 02	Universal Radio Communication Tester	CMU 200	109439	R&S	2006/10/18	2007/10/17
ETSTW-GSM 03	Agilent 8960 Test Set 1	E5515C	GB44052675	Agilent	2006/6/26	2008/6/25
ETSTW-GSM 04	Agilent 8960 Test Set 2	E5515C	GB44052665	Agilent	2006/7/13	2008/7/12
ETSTW-GSM 05	Agilent 8960 Test Set 3	E5515C	GB44052652	Agilent	2006/7/16	2008/7/15
ETSTW-GSM 06	Agilent 8960 Test Set 4	E5515C	GB44052684	Agilent	2006/7/4	2008/4/3
ETSTW-GSM 07	Agilent 8960 Test Set 5	E5515C	GB44052658	Agilent	2006/7/12	2008/7/11
ETSTW-GSM 08	Agilent 8960 Test Set 6	E5515C	GB44052666	Agilent	2006/7/6	2008/7/5
ETSTW-GSM 09	Controller PC	Dell GX 270	700F61J	Dell	Function Test	
ETSTW-GSM 10	Combiner Wessex / Anite	B4605/100	0053	Wessex / Anite	2006/7/13	2008/7/12
ETSTW-GSM 11	GSM 850,900,1800,1900 Test system	TS8950G	101087	R&S	2005/11/1	2007/4/30
ETSTW-GSM 12	Acoustical Calibrator	4231	2463874	Brüel&Kjær	2006/7/26	2007/7/25
ETSTW-GSM 13	Conditioning Amplifier	2690	2437856	Brüel&Kjær	2006/7/26	2007/7/25
ETSTW-GSM 15	Mouth Simulator	4227	2462516	Brüel&Kjær	2006/7/26	2007/7/25
ETSTW-GSM 16	TEMP.&HUMIDITY CHAMBER	GTH-120-40-1P-U	MAA0501002	GIANT FORCE	2005/12/29	2006/12/28
ETSTW-GSM 18	AUDIO ANALYZER	UPL16	100173	R&S	2006/10/28	2007/10/27
ETSTW-GSM 23	SPLITTER	4901.19.A	None	SUHNER	Function Test	
ETSTW-GSM 24	Vibration Testing System	VS-100V	5494	Vibration	2005/12/20	2006/12/19
ETSTW-GSM 29	Microphone	4192	2458739	Brüel&Kjær	2006/7/26	2007/7/25
ETSTW-GSM 30	Ear Simulator	4195	2457416	Brüel&Kjær	2006/7/26	2007/7/25

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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-2003 using a 50μH LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.4-2003 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The ambient temperature of the EUT was 23°C with a humidity of 40 %.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table). The EUT was placed in the center of the table. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings.

Measurements were made by ETS Dr. Genz GmbH at the registered open field test site located at No.5-1, Shuang Sing Village, LiShuei Rd., Wanli Township, Taipei County 207, Taiwan (R.O.C.) The Registration Number: 930600.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

ANTENNA & GROUND:

This unit uses Printed Antenna (see photo).

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3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.249 (b)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.249 (e)	☒	☒	☐
Spurious Emissions conducted – Transmitter operating	15.249 (e)	☐	☐	☐
Radiated Emission from Digital Part And Receiver L.O.	15.109	☒	☒	☐
Out of Band Spurious Emission, Band edge-Transmitter operating	15.249 (e)	☒	☒	☐
Power Line Conducted Emission	15.207	☒	☒	☐

The follows is intended to leave blank.

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3.1 Peak Output Power (transmitter)

FCC Rule: 15.249 (b)

This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.

The power was measured with modulation (declared by the applicant).

Test conditions Frequency 1		Transmitter field strength of fundamental	Transmitter field strength of harmonics
		[dB μ V/m]	
$T_{nom} = 23^{\circ}C$	$V_{nom} = 3V$	92.84	--
Measurement uncertainty		< 3 dB	

Test conditions Frequency 2		Transmitter field strength of fundamental	Transmitter field strength of harmonics
		[dB μ V/m]	
$T_{nom} = 23^{\circ}C$	$V_{nom} = 3V$	92.84	--
Measurement uncertainty		< 3 dB	

Test conditions Frequency 3		Transmitter field strength of fundamental	Transmitter field strength of harmonics
		[dB μ V/m]	
$T_{nom} = 23^{\circ}C$	$V_{nom} = 3V$	92.32	--
Measurement uncertainty		< 3 dB	

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028
ETSTW-RE 030 ETSTW-RE 043 ETSTW-RE 044

Comments: The diagrams for the field strength measurements are included in appendix.

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3.2 Equivalent isotropic radiated power

Because using an permanent antenna there are no deviations from the radiated test results according 3.1.

3.2.1 Transmitter

Integral Antenna:

At the transmitter the measurement was transacted with the modulation declared by the manufacturer and the maximum available output power of the EUT.

In this arrangement the EUT fulfils the requirements of the FCC rules § 15.249, subpart C, This unit uses permanent antenna. There is no provision for an external antenna (see photo).

3.3 RF Exposure Compliance Requirements

Not applicable for this Wireless Stow-N-Go Voice Recorder Presenter for the low power level.

3.4 Out of Band Radiated Emissions

FCC Rule: 15.249 (d)(e), 15.35(b)

Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in section 15.209, whichever is the lesser attenuation.

For frequency above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

Limits:

Frequency of Emission (MHz)	Field strength (microvolts/meter)	Field Strength (dB microvolts/meter)
30 - 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.5
Above 960	500	54.0

For frequencies above 1 GHz (Peak measurements).

Limit + 20 dB

$$54.0 \text{ dB}\mu\text{V/m} + 20 \text{ dB} = 74 \text{ dB}\mu\text{V/m}$$

Or

Must be attenuated at least 50dB below the level of fundament

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028

ETSTW-RE 029 ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043

ETSTW-RE 044

Comment: Please see attached diagram as appendix A.

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3.5 Spurious emission (tx)

Spurious emission was measured with modulation (declared by manufacturer).

Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in section 15.209, whichever is the lesser attenuation.

For frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

SAMPLE CALCULATION OF LIMIT. ALL results will be updated by an automatic measuring system in accordance with point 2.3.

The peak and average spurious emission plots was measured with the average limits.

The critical peak value listed in the table agree with the above calculated limits.

Summary table with radiated data of the test plots

Low Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
H	3206.324	45.46	0.34	PK	45.8	54	8.2	241	87
	4801.615	55.68	4.42	PK	60.1	74	13.9	200	172
	4801.615	48.08	4.42	AV	52.5	54	1.5	200	172
	7206.427	52.56	7.64	PK	60.2	74	13.8	713	201
	7206.427	44.46	7.64	AV	52.1	54	1.9	173	201
	16014.375	47.04	-7.04	PK	40.0	54	14.0	176	45

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
V	800.000	17.46	25.14	PK	42.60	54	11.40	251	43
	3206.426	46.49	0.34	PK	46.83	54	7.170	125	92
	4801.605	49.2	4.42	PK	53.62	74	20.38	201	188
	4801.605	40.39	4.42	AV	44.81	54	9.19	201	188
	7200.421	52.57	7.64	PK	60.21	74	13.79	179	201
	7200.421	44.73	7.64	AV	52.37	54	1.63	179	201
	16014.369	59.61	-7.04	PK	52.57	74	21.43	172	50
	16014.369	51.75	-7.04	AV	44.71	54	9.29	172	50

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Middle Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
H	1625.248	48.87	-7.04	PK	41.83	54	12.17	120.1	27
	3254.511	46.17	0.34	PK	46.51	54	7.49	175	53
	4064.132	45.66	3.46	PK	49.12	54	4.88	201	62
	4881.765	57.69	4.42	PK	62.11	74	11.89	183	172
	4881.765	48.08	4.42	AV	52.50	54	1.50	183	172
	7326.644	51.42	6.38	PK	57.80	74	16.20	192	262
	7326.644	43.52	6.38	AV	49.90	54	4.10	192	262

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Table Azimuth (degree)	Antenna Hight (cm)
V	814.029	17.02	25.14	QP	42.16	46	3.84	220	25
	1625.24	60.21	-7.04	PK	53.17	74	20.83	220	29
	1625.24	51.87	-7.04	AV	44.83	54	9.17	220	29
	3254.513	47.83	0.34	PK	48.17	54	5.83	165	53
	4064.132	47.84	3.46	PK	51.30	74	22.70	191	69
	4064.132	39.64	3.46	AV	43.10	54	10.90	191	69
	4881.759	52.7	4.42	PK	57.12	74	16.88	172	262
	4881.759	45.41	4.42	AV	49.83	54	4.17	172	262
	7326.641	54.82	6.38	PK	61.20	74	12.80	180	291
	7326.641	44.99	6.38	AV	51.37	54	2.630	180	291

High Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
H	826.810	12.07	25.53	QP	37.60	46	8.40	204	300
	1649.297	45.14	-7.04	PK	38.10	54	15.90	175	172
	3308.615	47.28	0.32	PK	47.60	54	6.40	203	195
	4128.249	47.42	2.70	PK	50.12	54	3.88	162	251
	4953.904	55.84	4.96	PK	60.80	74	13.20	155	176
	4953.904	47.74	4.96	AV	52.70	54	1.30	155	176
	7438.875	48.36	6.14	PK	54.50	74	19.50	143	155
	7438.875	39.76	6.14	AV	45.90	54	8.10	143	155

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Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Table Azimuth (degree)	Antenna Hight (cm)
V	826.790	17.16	25.53	QP	43.14	46	2.86	204	300
	1649.289	59.21	-7.04	PK	52.17	74	21.83	201	182
	1649.289	50.56	-7.04	AV	43.52	54	10.48	201	182
	3308.617	44.80	0.32	PK	45.12	54	8.88	143	195
	4953.908	51.21	4.96	PK	56.17	74	17.83	156	176
	4953.908	42.59	4.96	AV	47.55	54	6.45	156	176
	7438.876	51.48	6.14	PK	57.62	74	16.38	210	145
	7438.876	43.97	6.14	AV	50.11	54	3.89	210	145

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Corrected Reading + Correction Factor
 3. Detector function in the form : P = Peak, QP = Quasi Peak, AV = Average

Freq. – Frequency Range:

- | | | | |
|----|-----|---|----------|
| 1: | 30 | - | 200 MHz |
| 2: | 200 | - | 1000 MHz |
| 3: | 1 | - | 4 GHz |
| 4: | 4 | - | 8 GHz |
| 5: | 8 | - | 12 GHz |
| 6: | 12 | - | 17 GHz |
| 7: | 17 | - | 26.5 GHz |

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 055

Comment: Please see attached diagram as appendix B.

Registration number: W6M20611-7548-P-15

FCC ID: OXM000005

3.6 Radiated Emissions from Digital Part and Receiver of Transceiver**Summary table with radiated data of the test plots**

RX

Voice Recorder

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Azimuth (degree)
H	3206.751	35.28	0.34	PK	35.62	54	18.38	223	201
	16014.372	37.57	-7.04	PK	30.53	54	23.47	201	17

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Azimuth (degree)
V	809.266	16.96	25.14	QP	42.10	46	3.90	145	251
	4884.217	40.71	4.42	PK	45.13	54	8.87	196	45
	7415.635	46.48	6.14	PK	52.62	74	21.38	183	62
	7415.635	38.03	6.14	AV	44.17	54	9.83	127	152
	16019.362	51.66	-7.04	PK	44.62	54	9.38	172	213

Dongle

Low Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Azimuth (degree)
H	1566.2413	35.27	-7.11	PK	28.16	54	25.84	125	274
	3423.7345	34.35	0.41	PK	34.76	54	19.24	130	316
	4586.0692	35.90	3.66	PK	39.56	54	14.44	150	309

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Azimuth (degree)
V	1566.2413	38.27	-7.11	PK	31.16	54	22.84	120	294
	3423.7345	40.8	0.41	PK	41.21	54	12.79	145	308
	4586.0692	32.62	3.66	PK	36.28	54	17.72	135	261

Middle Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuV)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Azimuth (degree)
H	1566.2413	34.37	-7.11	PK	27.26	54	26.74	120	319
	3423.7345	34.80	0.41	PK	35.21	54	18.79	145	331
	4586.0692	36.35	3.66	PK	40.01	54	13.99	180	246

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Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
V	1566.2413	36.46	-7.11	PK	29.35	54	24.65	125	336
	3423.7345	36.78	0.41	PK	37.19	54	16.81	150	306
	4586.0692	37.30	3.66	PK	40.96	54	13.04	170	257

High Channel

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
H	1566.2413	35.62	-7.11	PK	28.51	54	25.49	110	306
	3423.7345	35.01	0.41	PK	35.42	54	18.58	105	219
	4586.0692	35.52	3.66	PK	39.18	54	14.82	135	287

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
V	1566.2413	34.92	-7.11	PK	27.81	54	26.19	125	297
	3423.7345	33.78	0.41	PK	34.19	54	19.81	110	231
	4586.0692	36.50	3.66	PK	40.16	54	13.84	140	294

- Note**
1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
 2. **The formula of measured value as: Test Result = Corrected Reading + Correction Factor**
 3. **Detector function in the form : P = Peak, QP = Quasi Peak, AV = Average**

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FCC ID: OXM000005

Digital Part

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
H	101.872	17.20	10.76	QP	27.96	30	2.04	325	25
	268.937	16.80	13.82	QP	30.62	37	6.38	217	36
	493.386	13.80	20.09	QP	33.89	37	3.11	186	88
	661.723	11.89	23.32	QP	35.21	37	1.79	172	192
	823.647	8.06	26.07	QP	34.13	37	2.87	153	201

Antenna Polarization	Frequency Marker (MHz)	Corrected Reading (dBuv)	Correction Factor (dB)	Detector	Test Result (dBuV/m)	Compliance Limit (dBuV/m)	Margin (dB)	Antenna Hight (cm)	Table Azimuth (degree)
V	30.000	8.88	12.30	QP	21.18	30	8.82	171	10
	101.883	11.60	10.76	QP	22.36	30	7.64	183	42
	168.316	12.49	14.73	QP	27.22	30	2.78	165	36
	268.937	14.36	13.82	QP	28.18	37	8.82	285	45
	486.973	12.62	20.09	QP	32.71	37	4.29	276	99
	823.647	9.59	26.07	QP	35.66	37	1.34	301	215

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Corrected Reading + Correction Factor
 3. Detector function in the form : P = Peak, QP = Quasi Peak, AV = Average

Comment: Please see attached diagram as appendix C.

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028 ETSTW-RE 029 ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043 ETSTW-RE 044

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3.7 Radiated Emission on the band edge

From the following plots, they show that the fundamental emissions are confined in the specified band and hey at least 50 dB below the carrier level at band edge (2400 and 2483.5 MHz). It meets the requirement of section 15.249(d).

Test conditions Tnom = 23°C, Vnom = 120V Frequency [MHz]	Transmitter field strength of Radiated Emission	Transmitter field strength of Radiated Emission
	(Peak Detector)	(Average Detector)
	[dBμV/m]	
2400	50.90	--
2483.5	49.76	--

Limit:

Frequency Range (MHz)	Limit (dBμV/m)	
	Peak	Average
902 – 928	74	54
2400 – 2483.5		
5725 – 5875		
24000 - 24250		

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028 ETSTW-RE 030 ETSTW-RE 043 ETSTW-RE 044

Comment: Please see attached diagram as appendix D.

Registration number: W6M20611-7548-P-15

FCC ID: OXM000005

3.8 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

Frequency	Level (dB μ V)	
	quasi-peak	average
150 kHz	lower limit line	Lower limit line

Voice Recorder

LISN type	Frequency Marker	Corrected Reading (dB μ V)		Correction Factor	Test Result (dB μ V)		Compliance Limit (dB μ V)		Margin (dB)	
		QP	AV		QP	AV	QP	AV	QP	AV
N	MHz	QP	AV	dB	QP	AV	QP	AV	QP	AV
	0.201	50.02	39.2	10.1	60.12	49.3	63.80	53.80	3.68	4.5
	0.270	43.52	32.7	10.1	53.62	42.8	61.15	51.15	7.53	8.35
	16.945	32.62	23.0	10.1	42.72	33.1	60.00	50.00	17.28	16.9

LISN type	Frequency Marker	Corrected Reading (dB μ V)		Correction Factor	Test Result (dB μ V)		Compliance Limit (dB μ V)		Margin (dB)	
		QP	AV		QP	AV	QP	AV	QP	AV
L1	MHz	QP	AV	dB	QP	AV	QP	AV	QP	AV
	0.201	44.82	32.71	10.1	54.92	42.81	63.80	53.80	8.88	10.99
	0.265	38.87	30.26	10.1	48.97	40.36	61.27	51.27	12.3	10.91
	16.595	32.86	21.18	10.1	42.96	31.28	60.00	50.00	17.04	18.72

Dongle

LISN type	Frequency Marker	Corrected Reading (dB μ V)		Correction Factor	Test Result (dB μ V)		Compliance Limit (dB μ V)		Margin (dB)	
		QP	AV		QP	AV	QP	AV	QP	AV
N	MHz	QP	AV	dB	QP	AV	QP	AV	QP	AV
	0.200	40.8	34.0	10.1	50.9	44.1	63.61	53.61	12.71	9.51
	0.465	29.0	23.4	10.1	39.1	33.5	56.60	46.60	17.50	13.10
	5.230	25.6	14.3	10.1	35.7	24.4	60.00	50.00	24.30	25.60

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LISN type	Frequency Marker	Corrected Reading (dBuV)		Correction Factor	Test Result (dBuV)		Compliance Limit (dBuV)		Margin (dB)	
L1	MHz	QP	AV	dB	QP	AV	QP	AV	QP	AV
	0.20	40.8	33.9	10.1	50.9	44.0	63.61	53.61	12.71	9.61
	0.53	26.7	22.7	10.1	36.8	32.8	56.00	46.00	19.20	13.20
	5.56	25.3	11.8	10.1	35.4	21.9	60.00	50.00	24.60	28.10

Note: 1. The formula of measured value as: Test Result = Corrected Reading + Correction Factor**2. The Correction Factor = Cable Loss + LISN Insertion Loss****3. Detector function in the form : P = Peak, QP = Qusai Peak, AV = Average****Limits:**

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test equipment used: ETSTW-CE 001 ETSTW-CE 003 ETSTW-CE 004 ETSTW-CE 006

ETSTW-CE 011 ETSTW-EMS 013 ETSTW-EMS 014

Comment: Please see attached diagram as appendix E.

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FCC ID: OXM000005

Appendix

- A Fundamental Field Strength
- B Spurious Emissions radiated
- C Radiated Emission from Digital Part of Transceiver
- D Radiated Emission on the band edge
- E Power Line Conducted Emission
- F Pictures

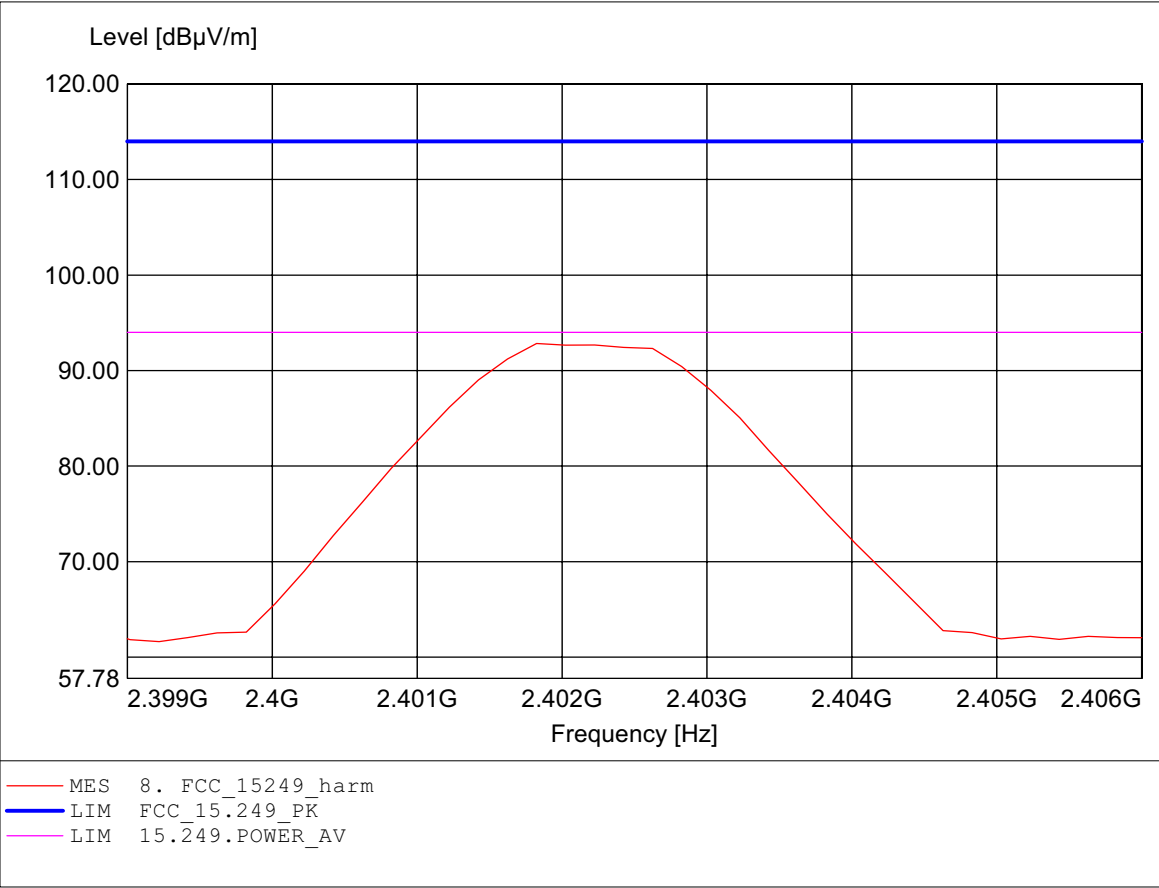
Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix A

Fundamental Field Strength

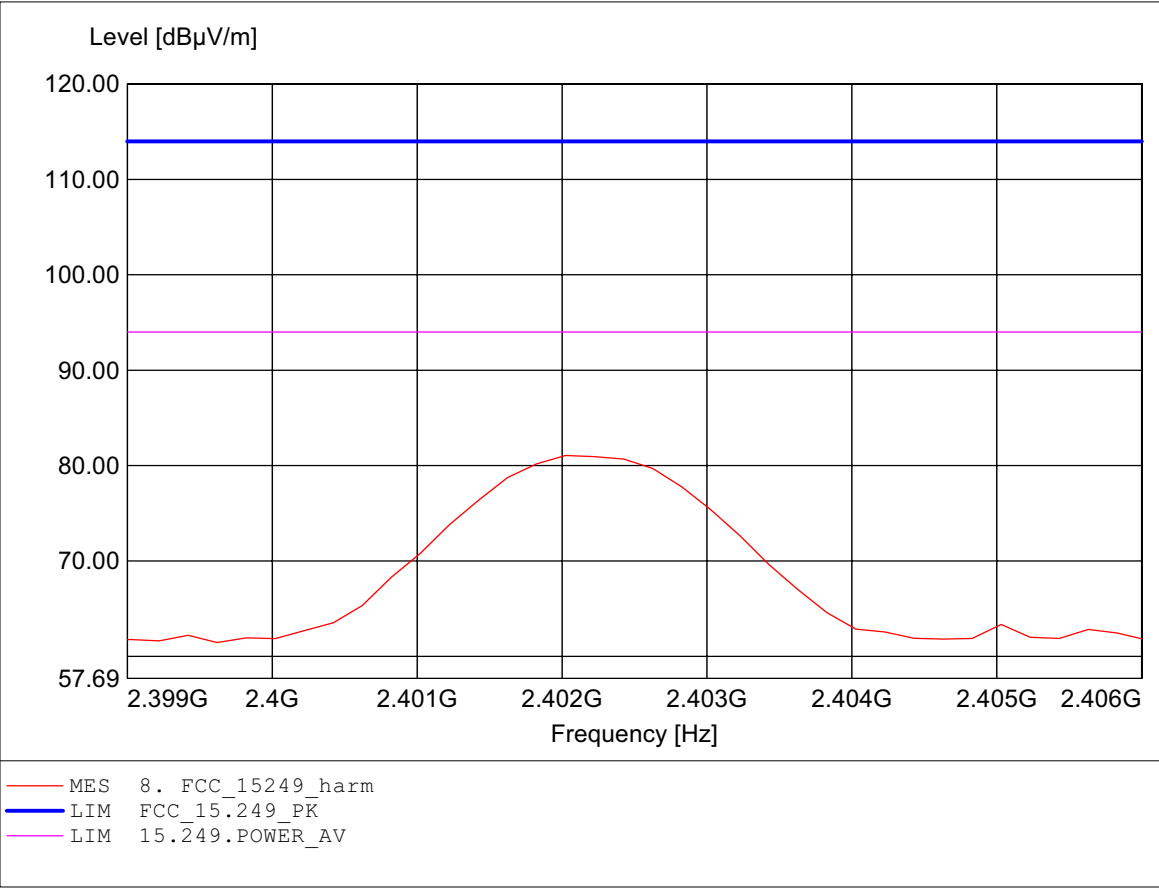
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.402GHz, Emax: 92.84dBμV/m, RBW: 1MHz



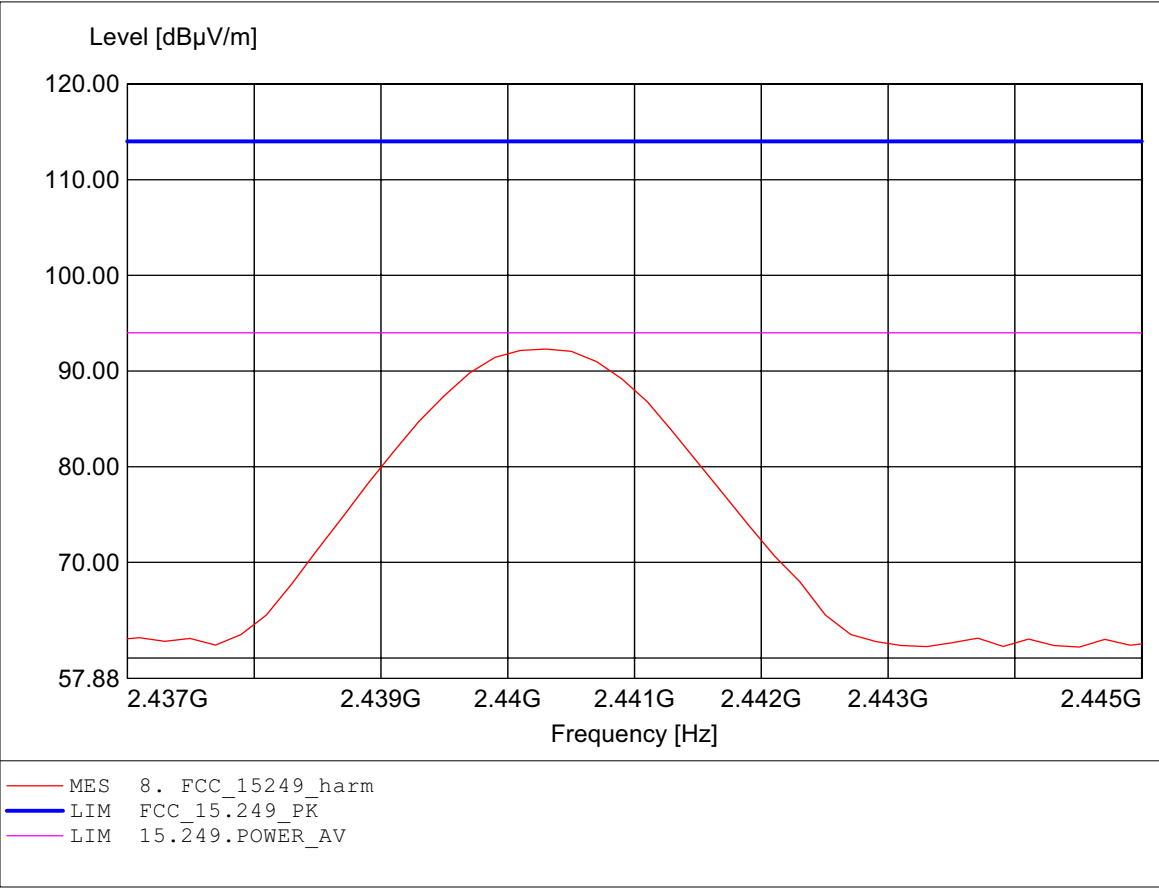
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.402GHz, Emax: 81.05dBμV/m, RBW: 1MHz



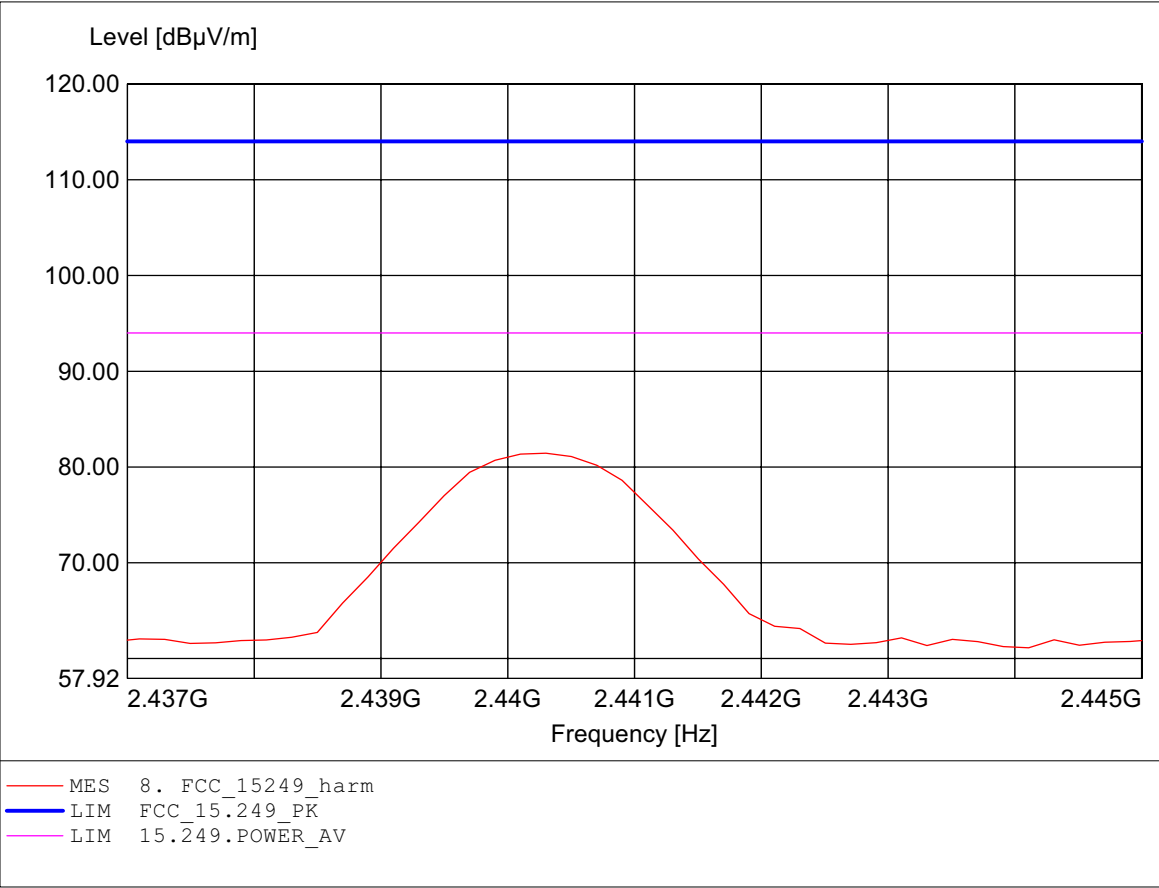
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.440GHz, Emax: 92.29dBμV/m, RBW: 1MHz



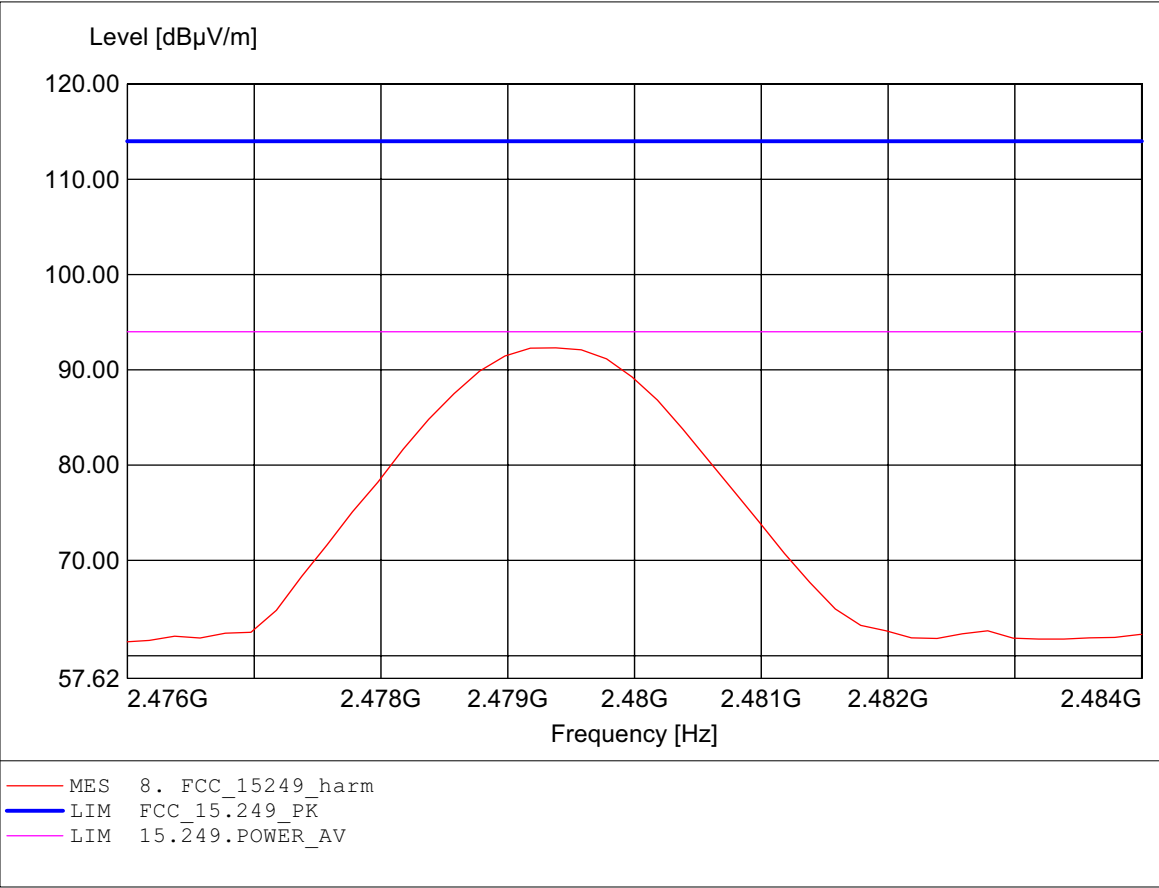
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.440GHz, Emax: 81.44dBμV/m, RBW: 1MHz



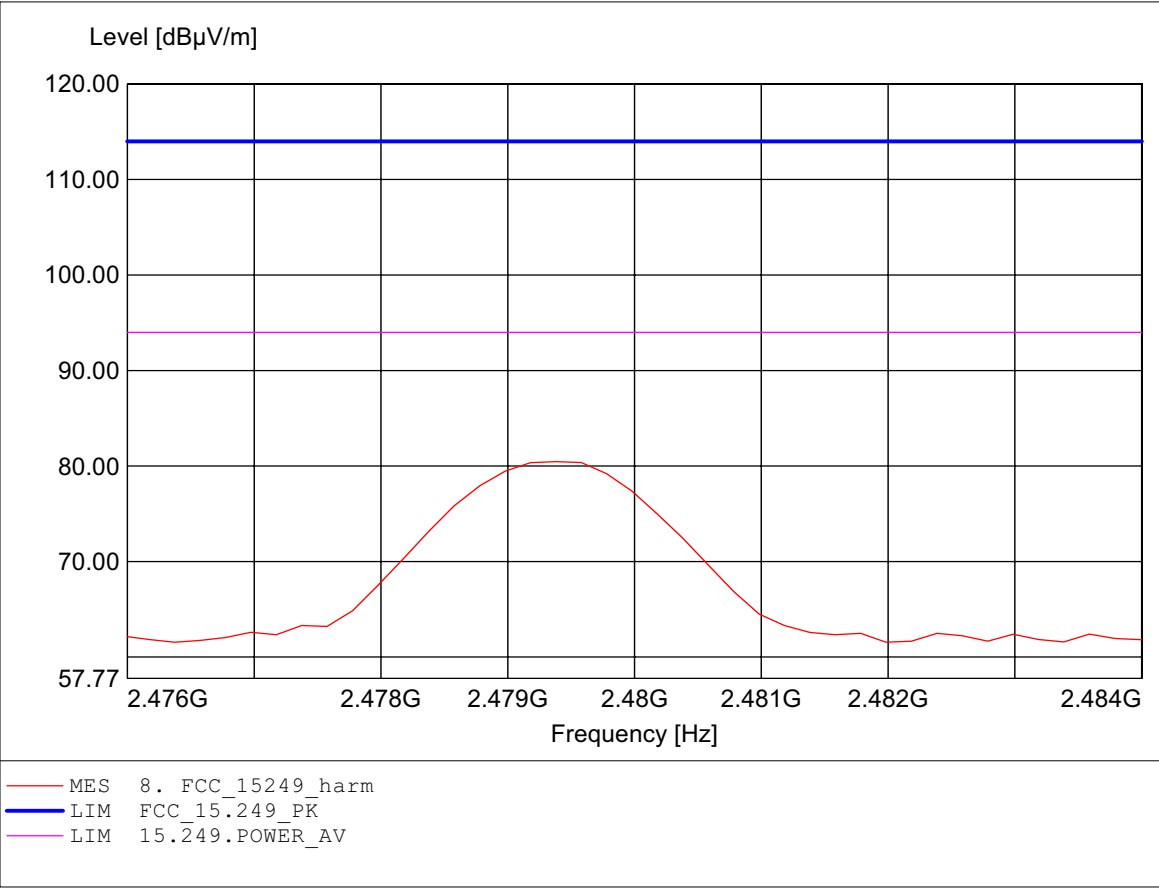
Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.479GHz, Emax: 92.32dBμV/m, RBW: 1MHz



Carrier power (Field Strength)
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.479GHz, Emax: 80.46dBμV/m, RBW: 1MHz



Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix B

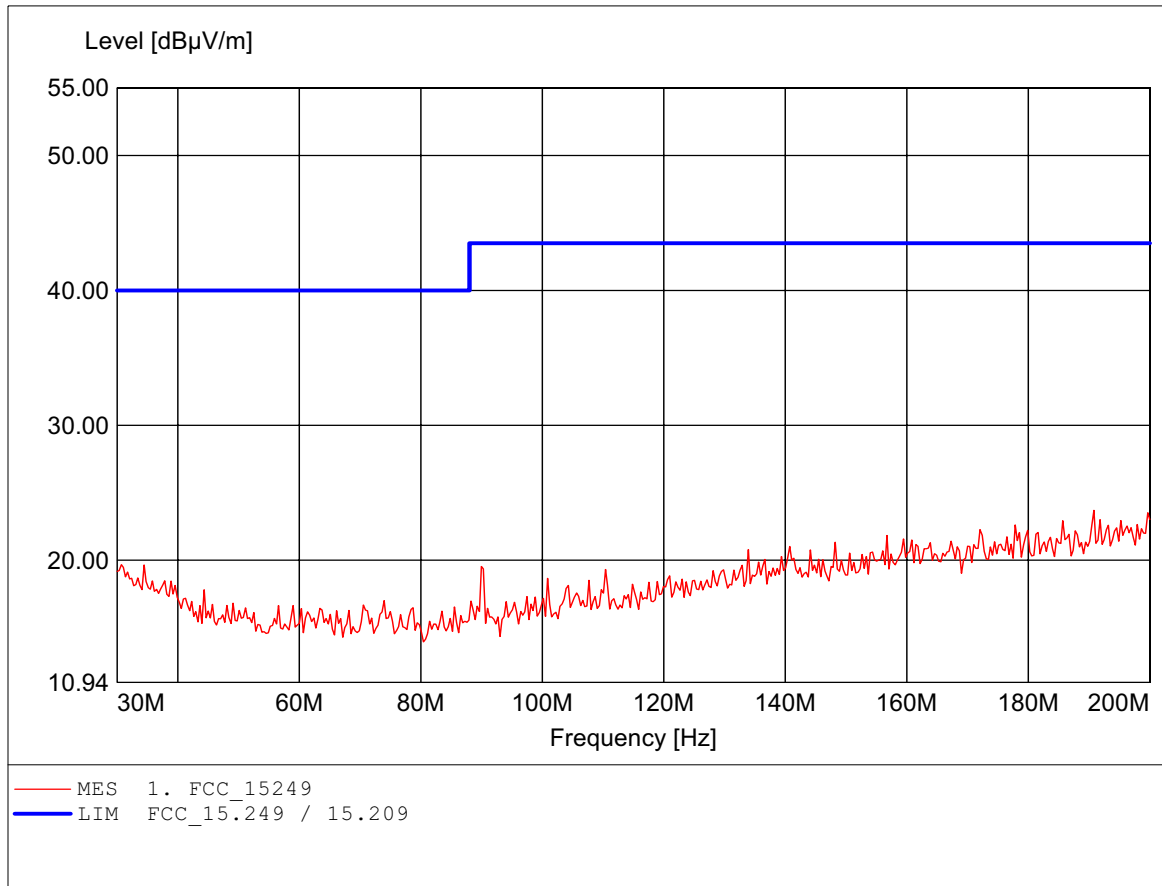
Spurious Emissions radiated

The measurement diagrams plots attached below are preliminary wideband scan with a peak detector for reference only. The final test results are listed on section 3.5

Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

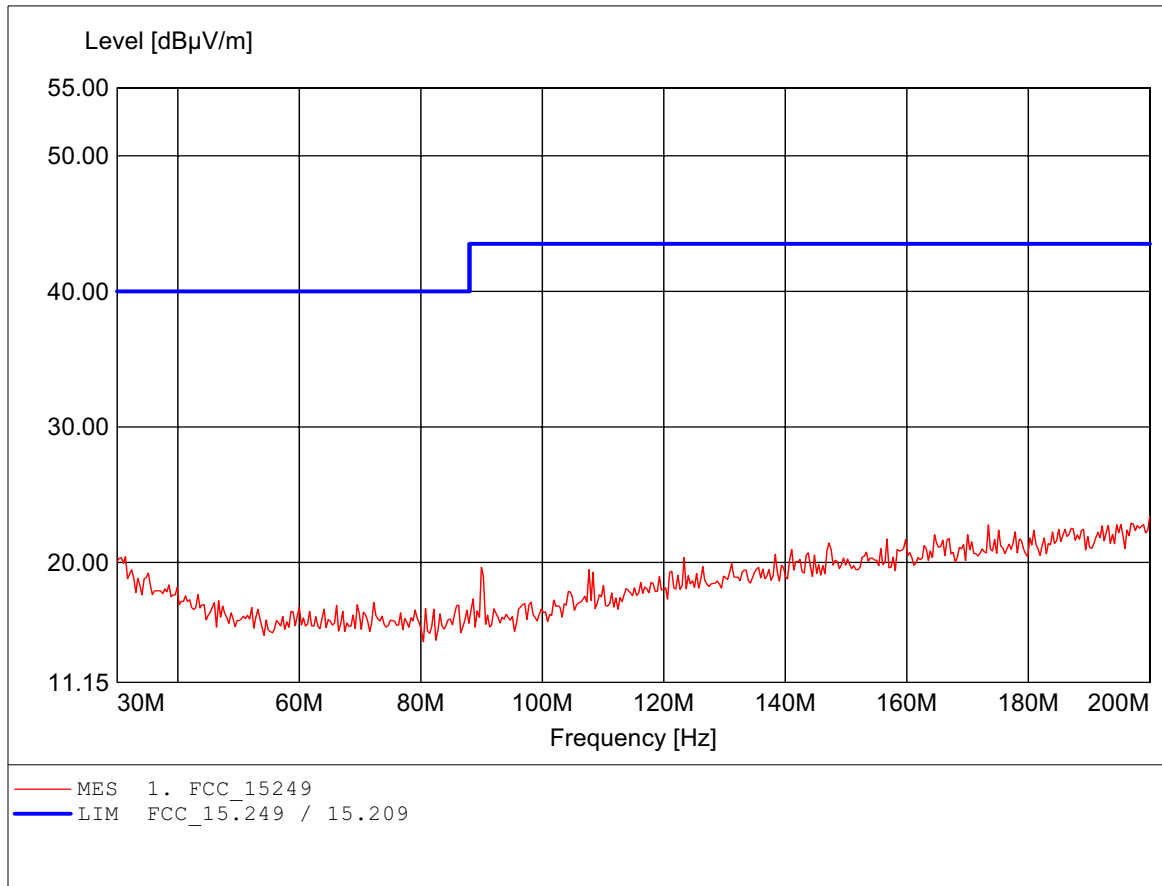
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 190.802MHz, Emax: 23.69dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

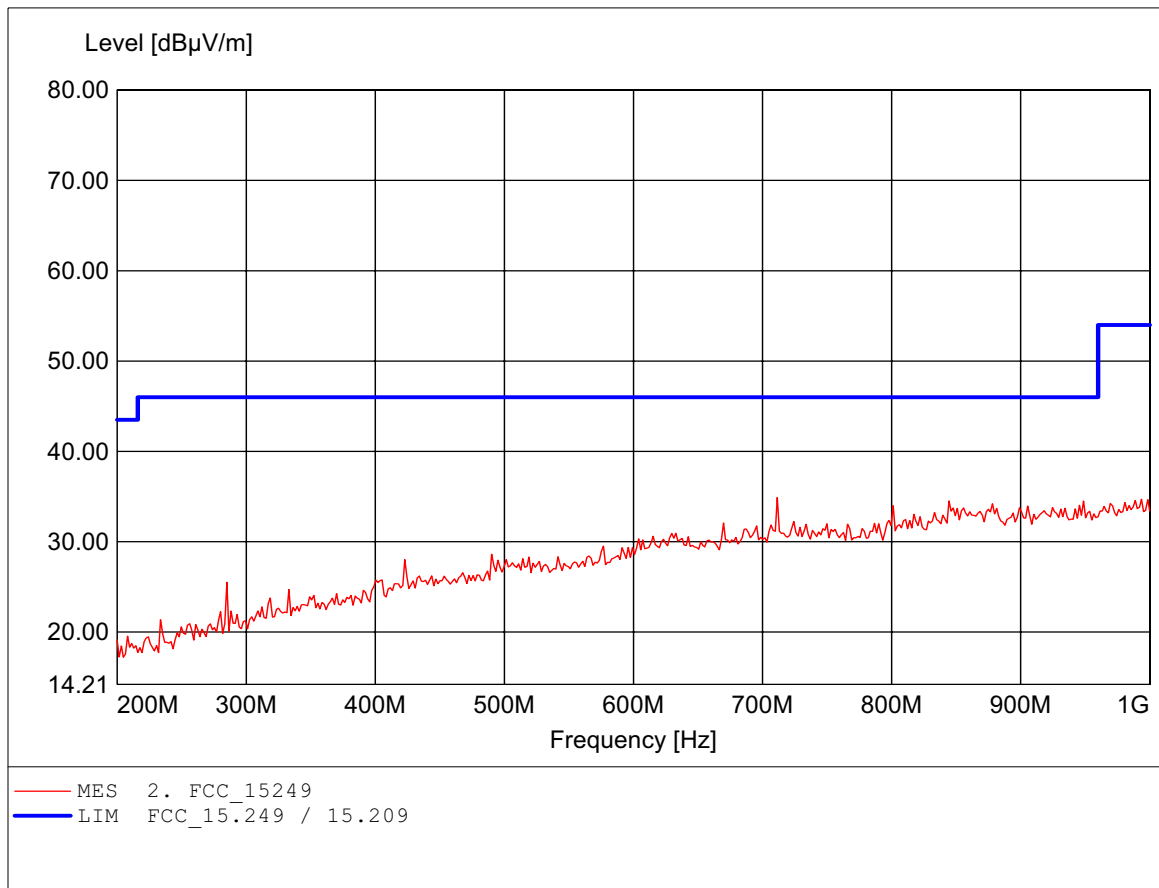
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 200.000MHz, Emax: 23.39dBµV/m, RBW: 100kHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

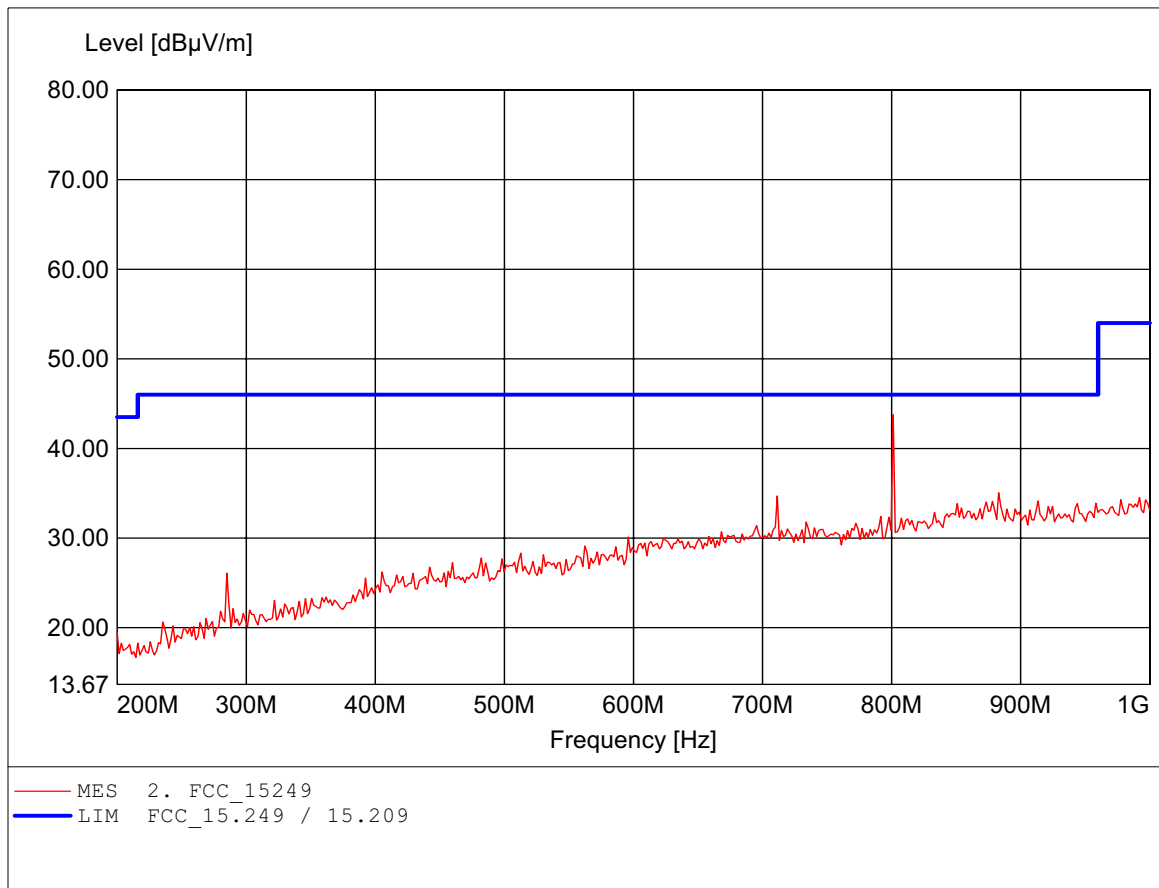
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 711.423MHz, Emax: 34.89dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

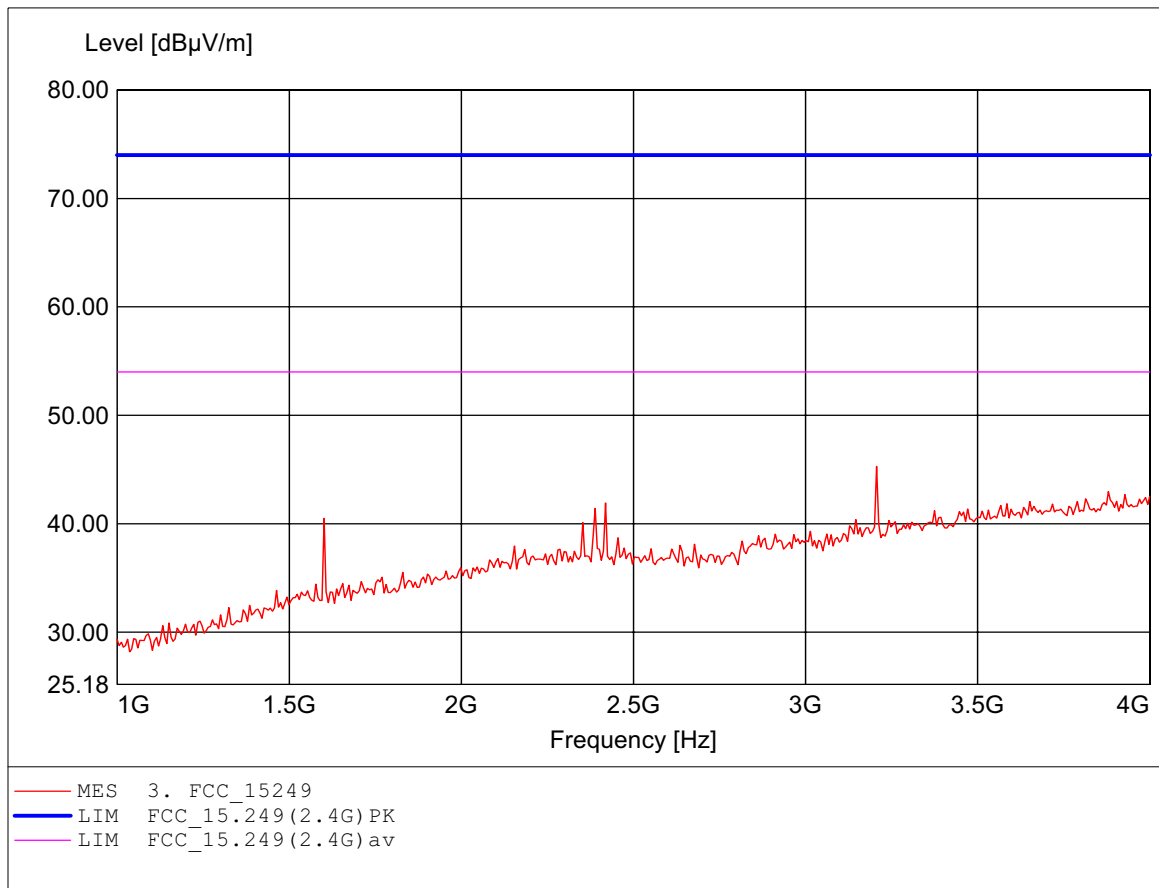
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 801.202MHz, Emax: 43.76dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

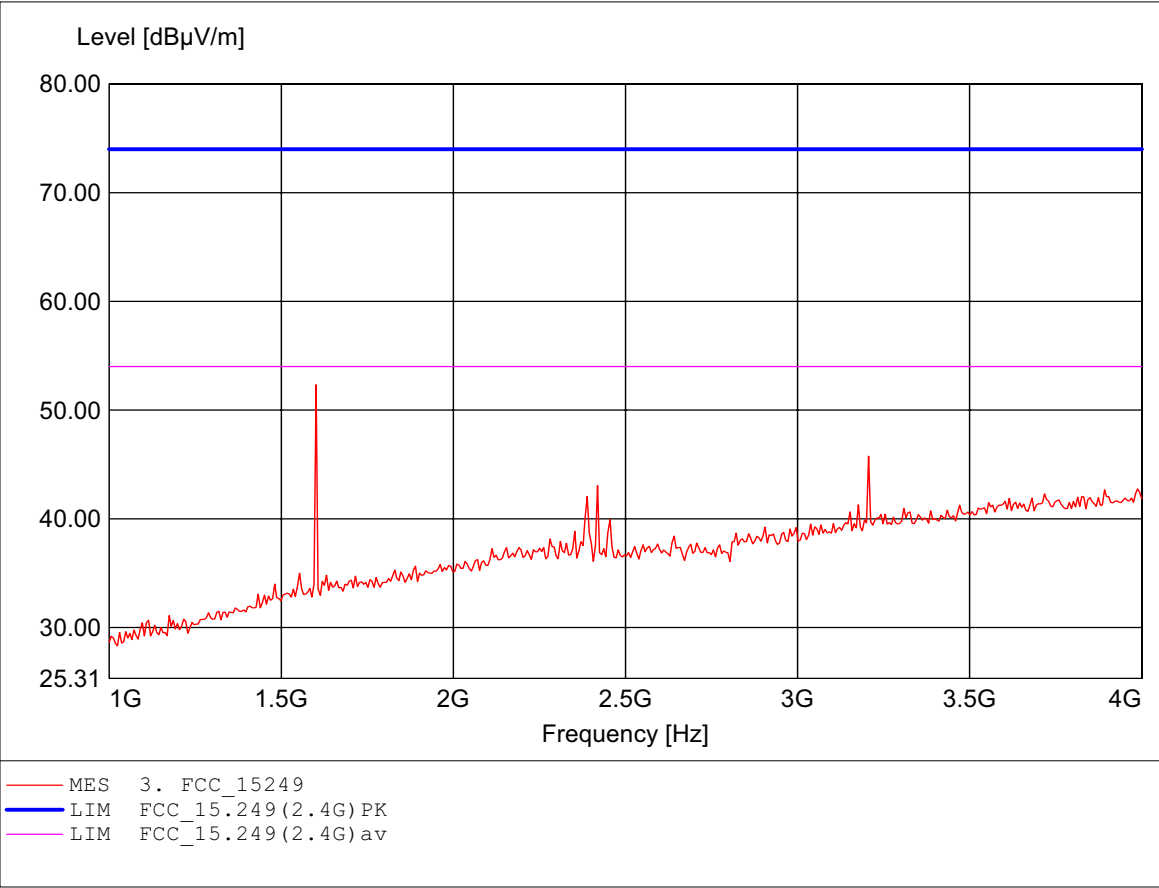
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 3.206GHz, Emax: 45.28dBμV/m, RBW: 1MHz



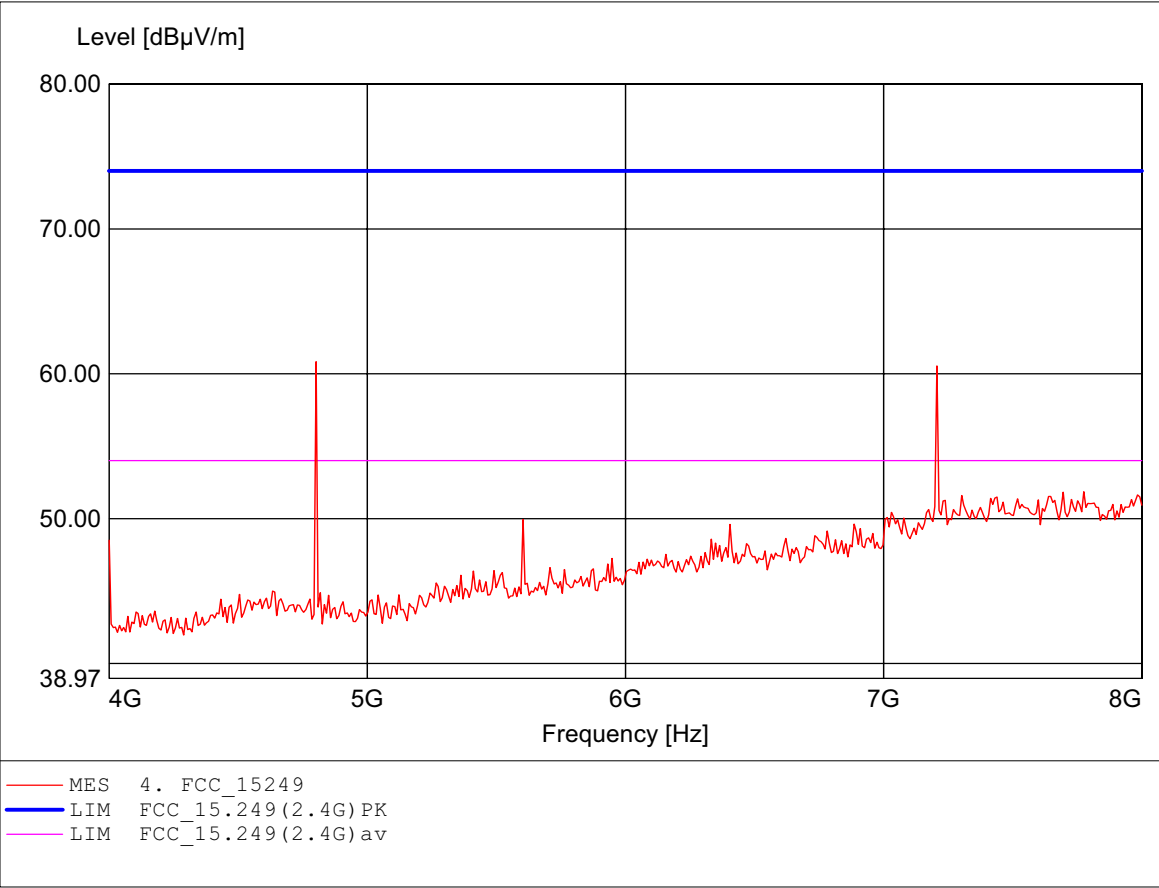
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 1.601GHz, Emax: 52.33dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

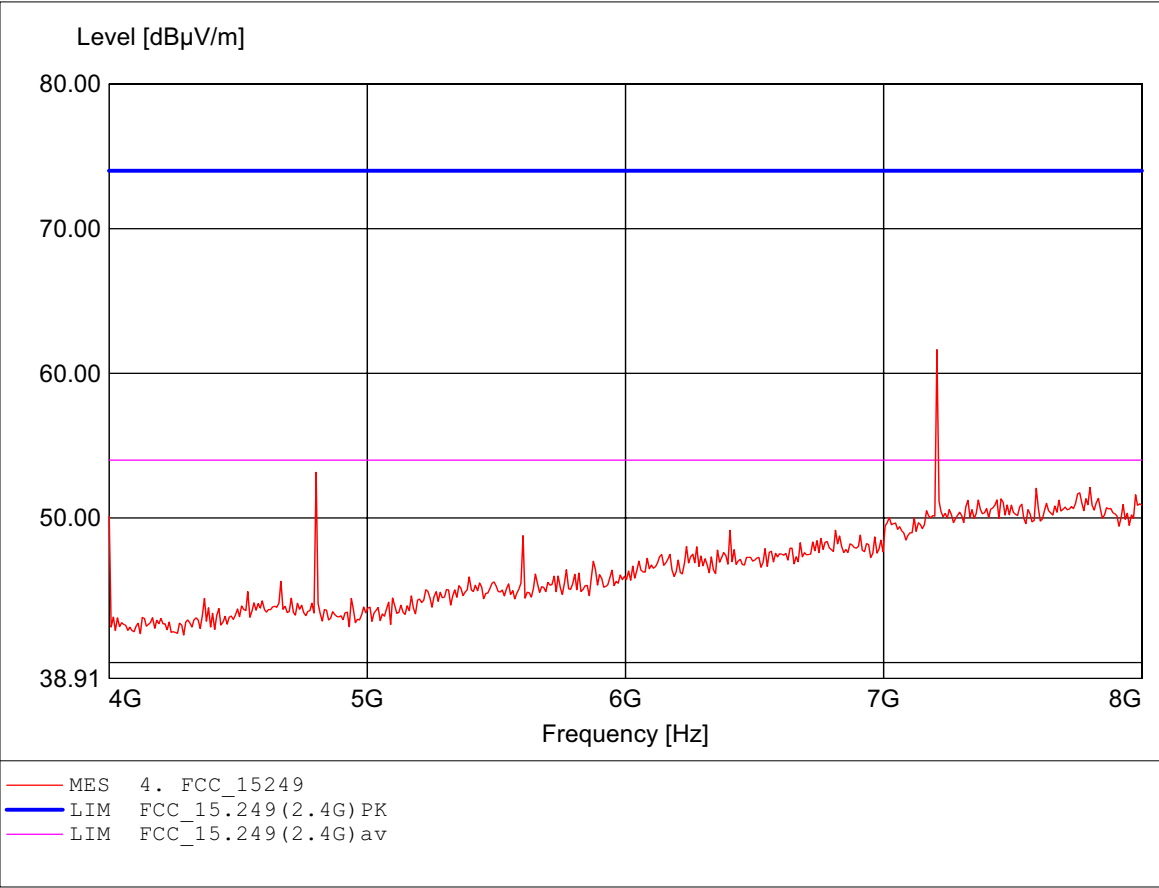
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 4.802GHz, Emax: 60.84dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

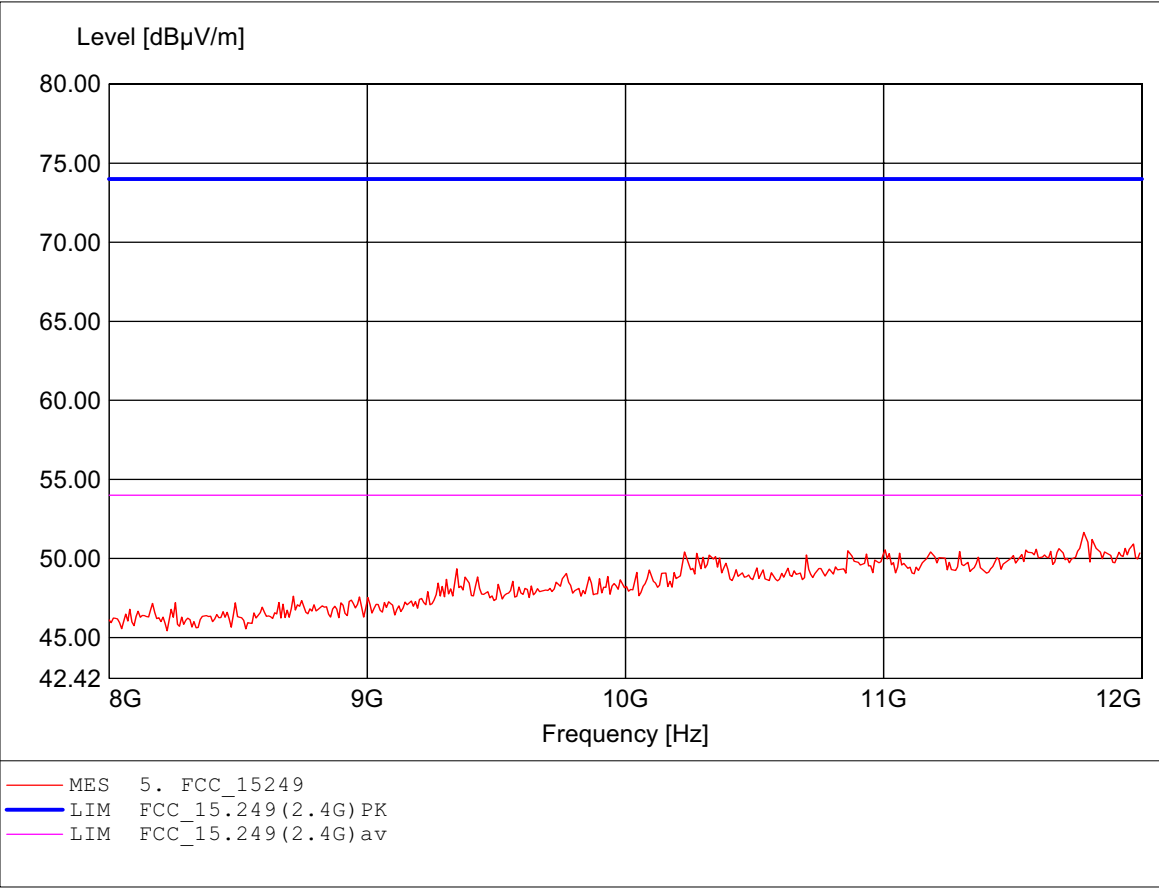
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.206GHz, Emax: 61.64dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

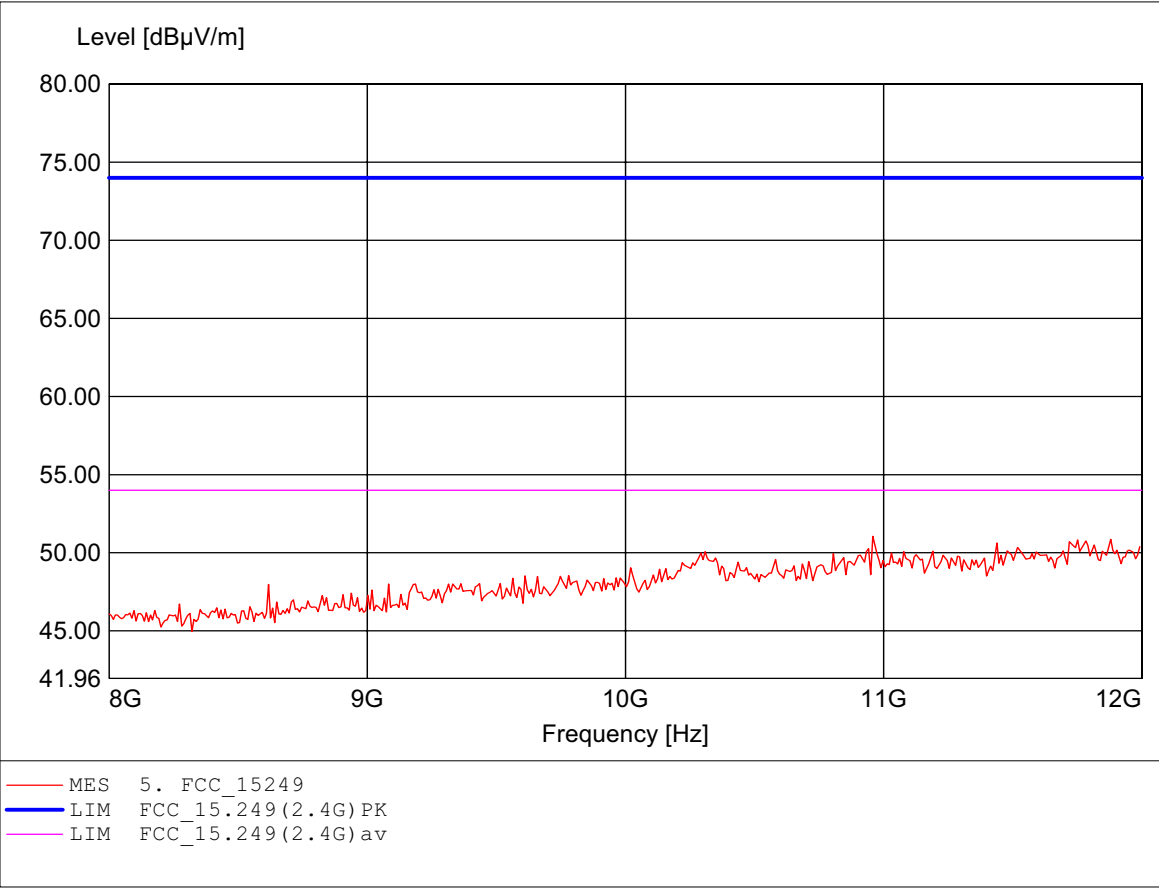
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.776GHz, Emax: 51.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

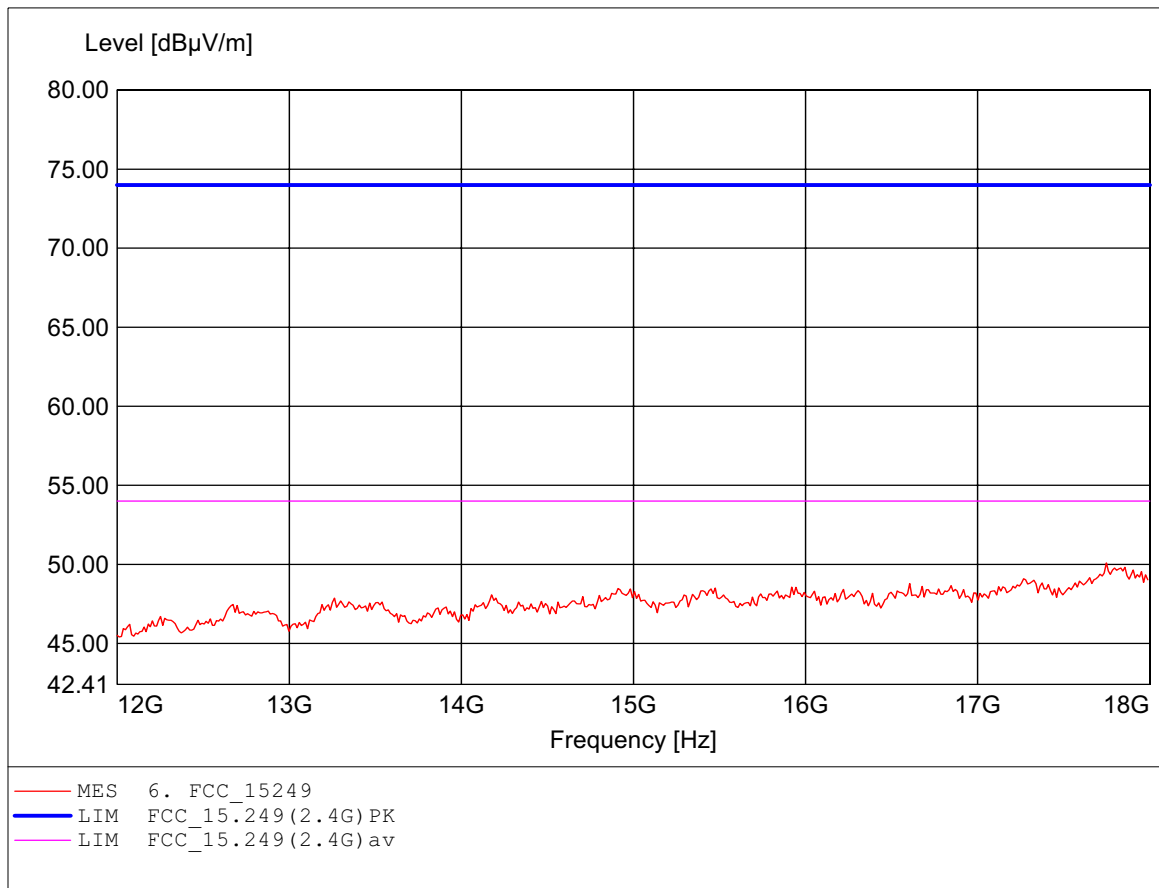
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 10.958GHz, Emax: 51.05dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

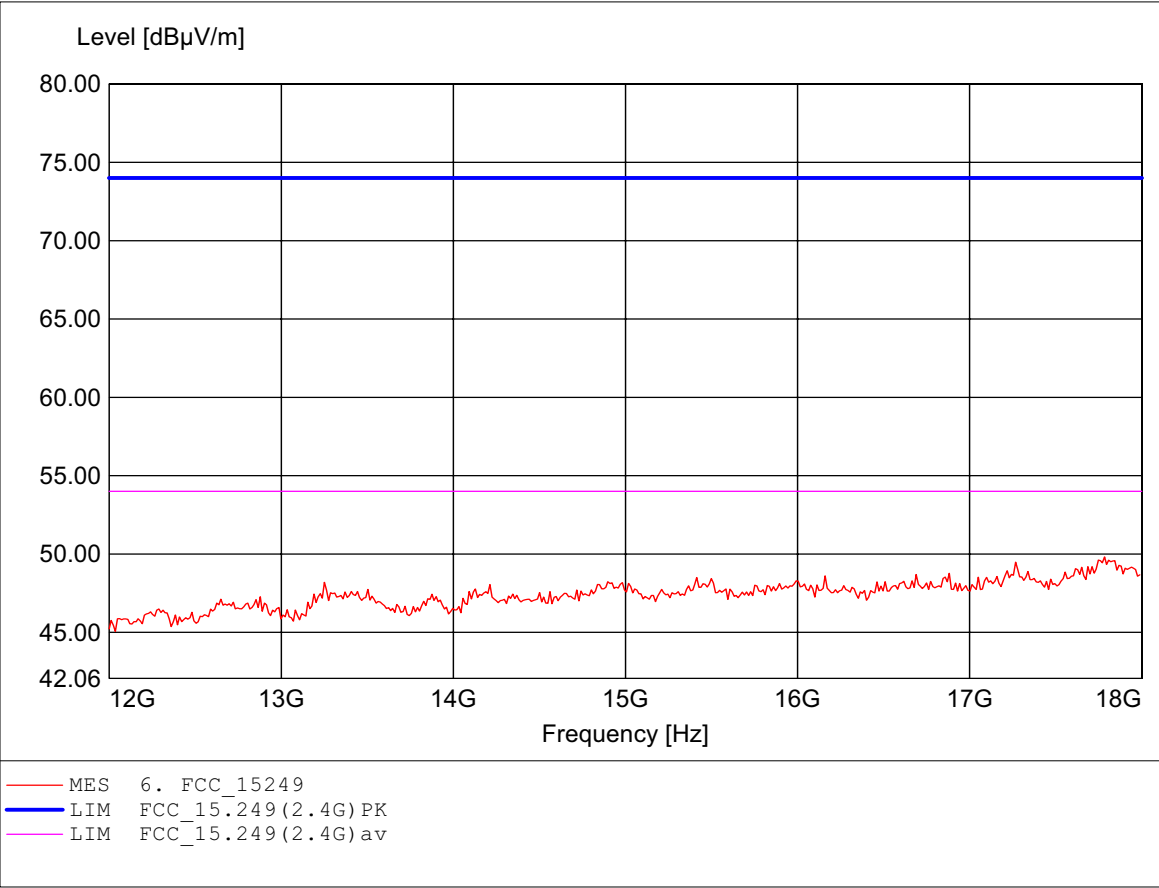
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.747GHz, Emax: 50.10dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

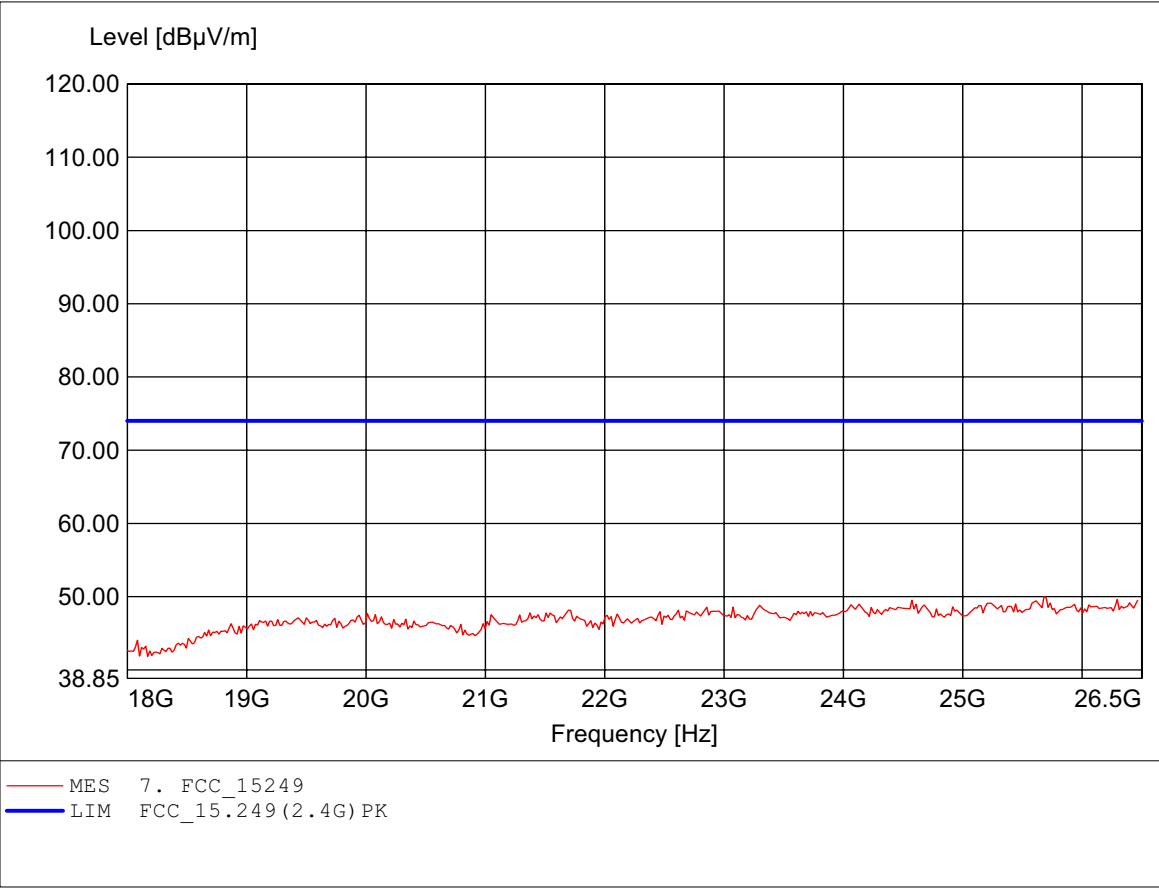
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.784GHz, Emax: 49.81dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

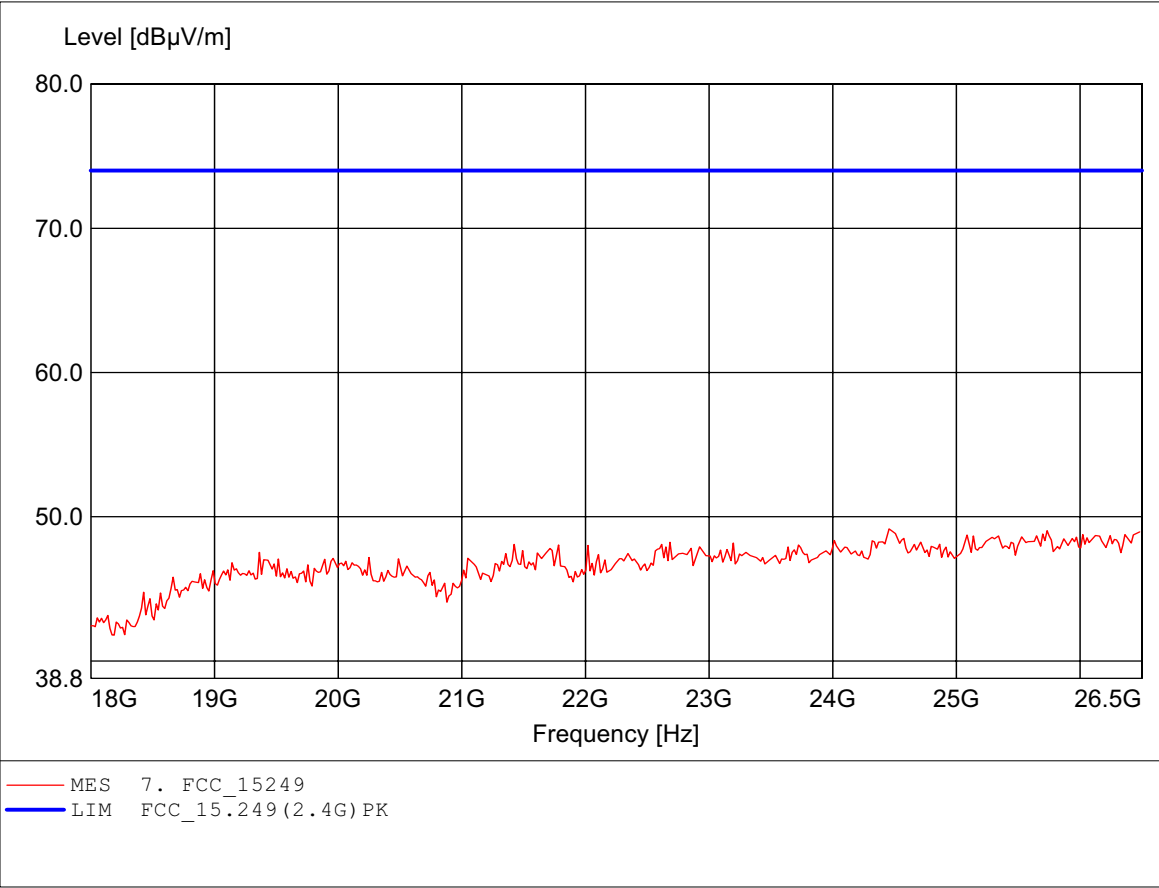
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.682GHz, Emax: 50.04dBμV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

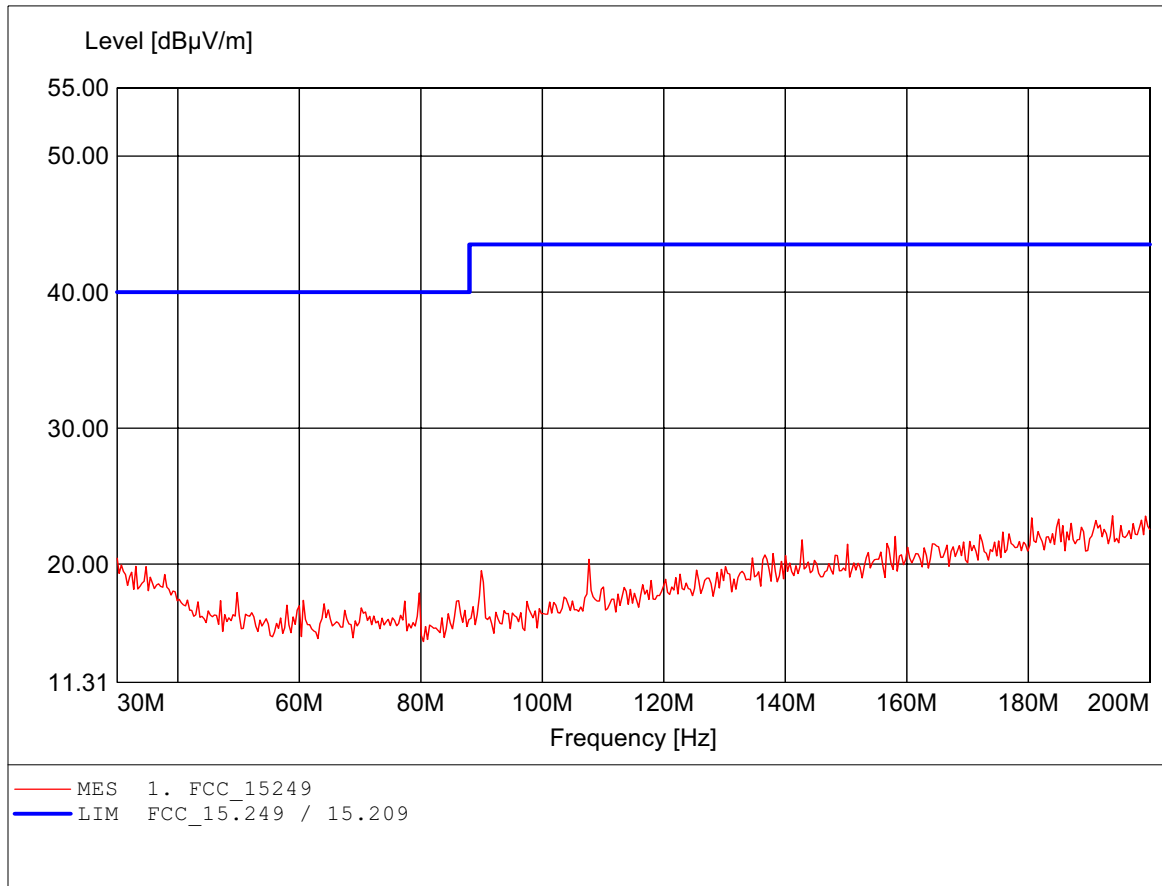
Order Number : W6M20611-7548 CH LOW
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 24.456GHz, Emax: 49.16dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

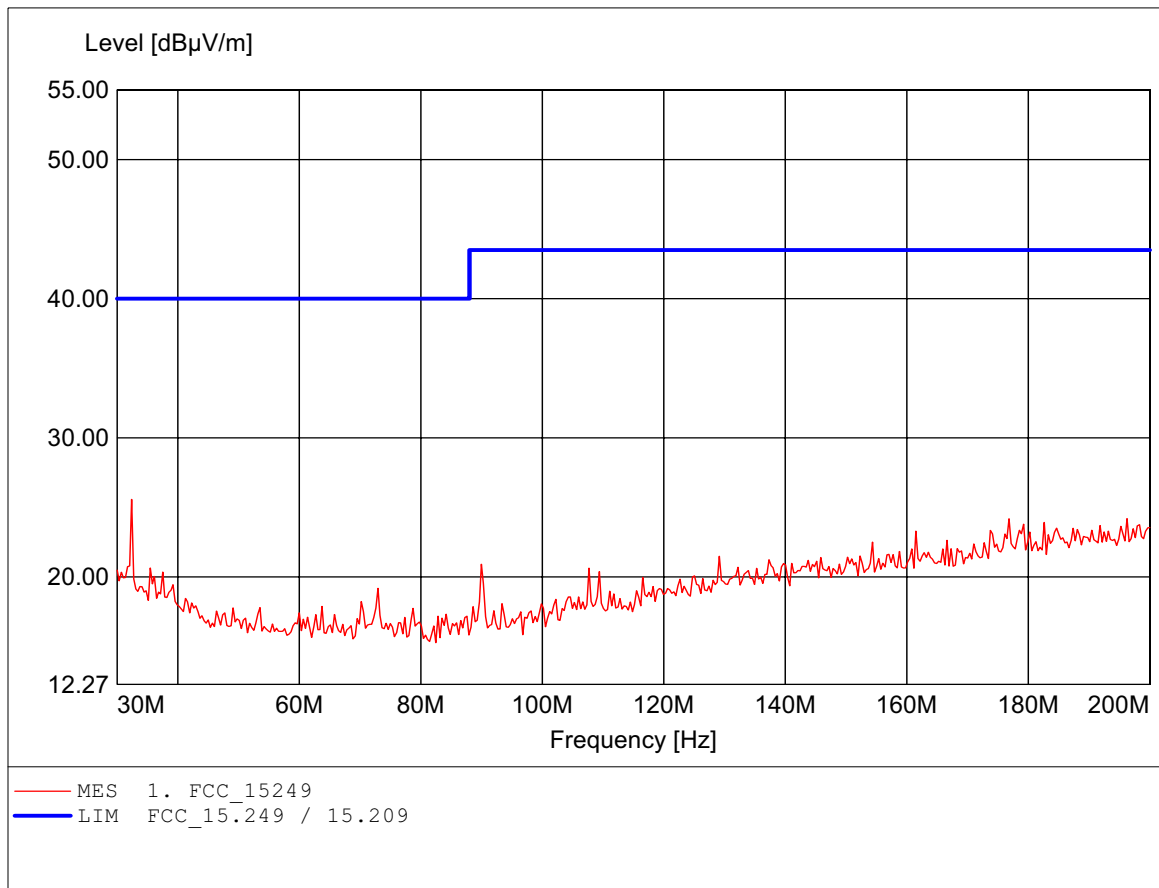
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 193.868MHz, Emax: 23.56dBμV/m, RBW: 100kHz



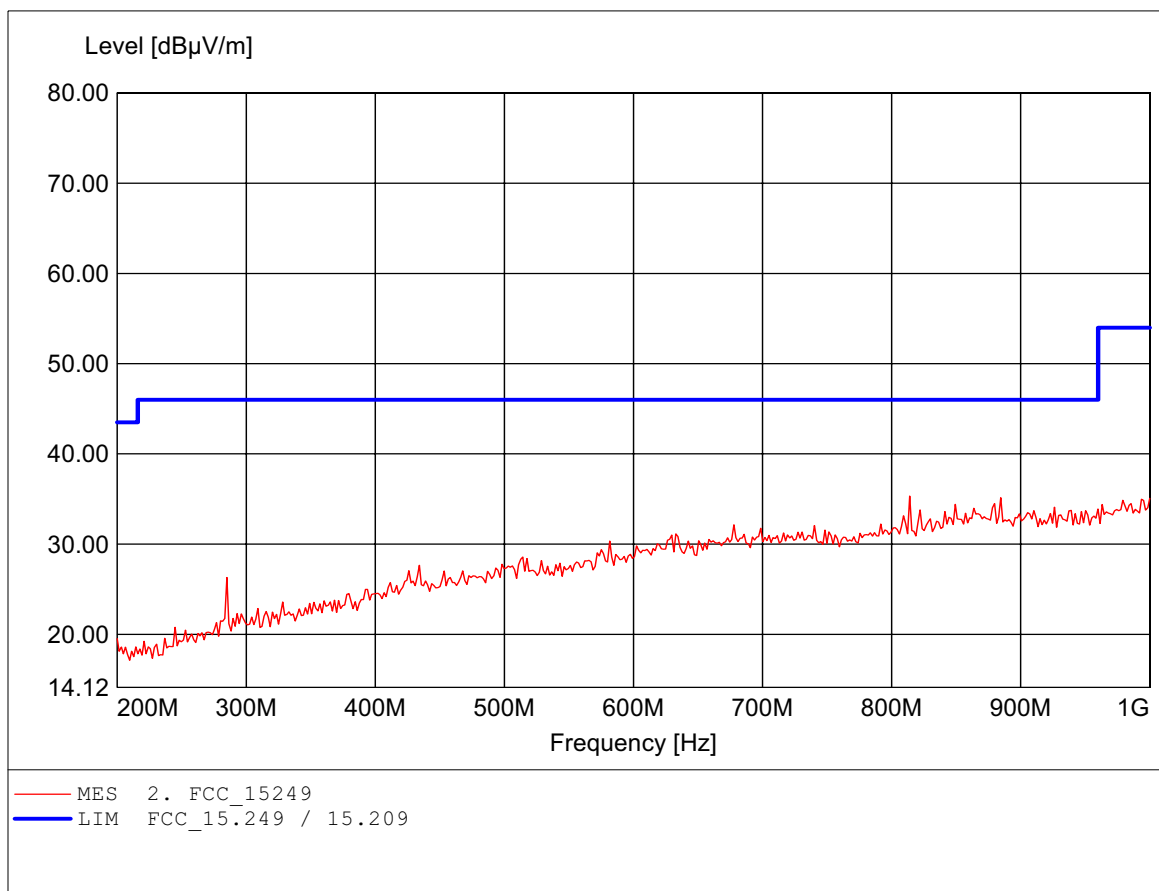
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 32.385MHz, Emax: 25.56dBµV/m, RBW: 100kHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

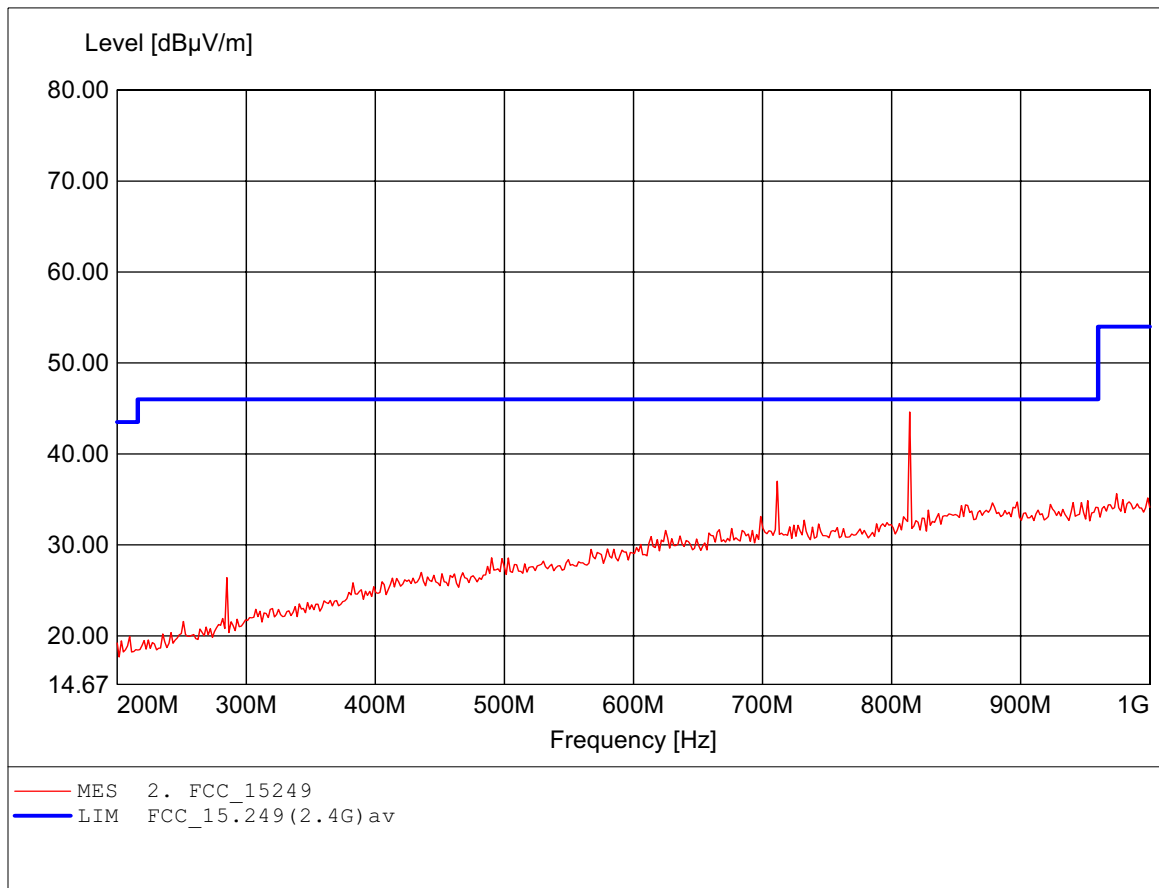
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 814.028MHz, Emax: 35.33dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

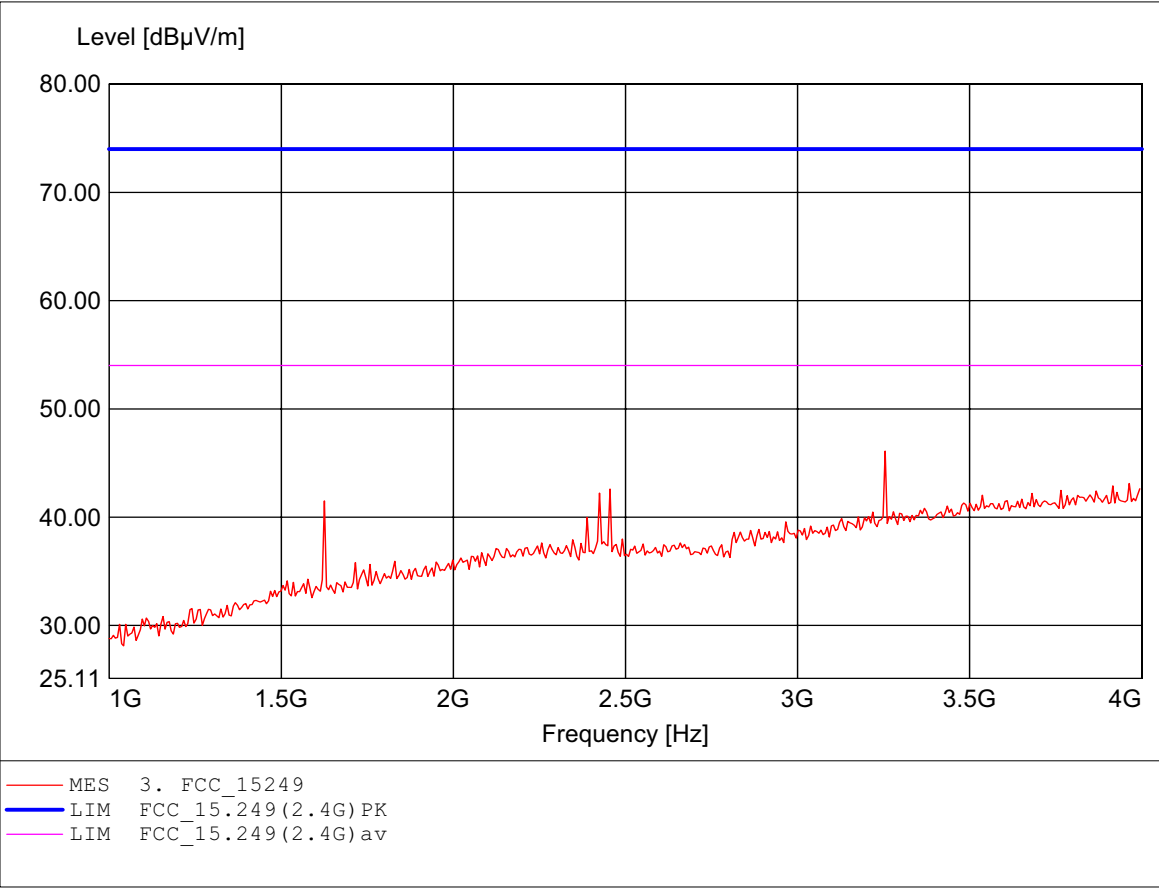
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 814.028MHz, Emax: 44.61dBμV/m, RBW: 100kHz



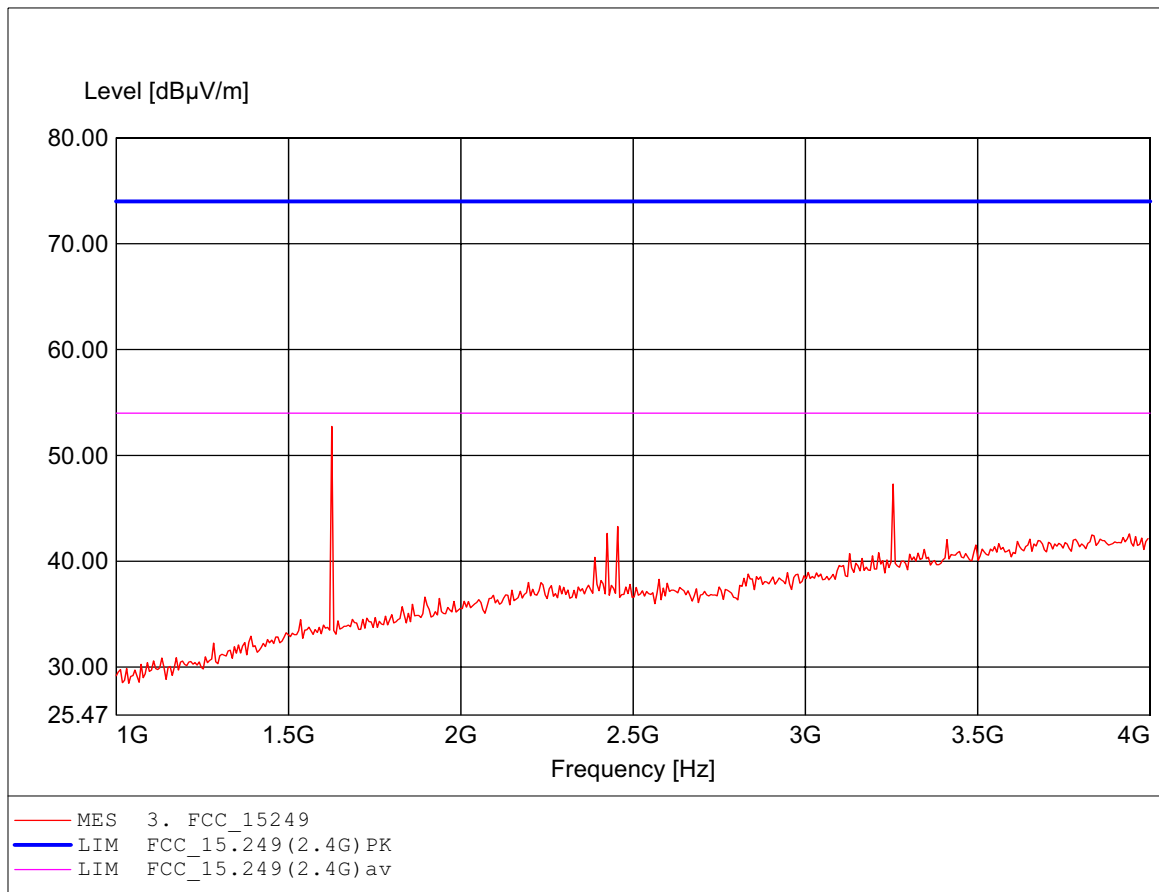
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 3.255GHz, Emax: 46.09dBμV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

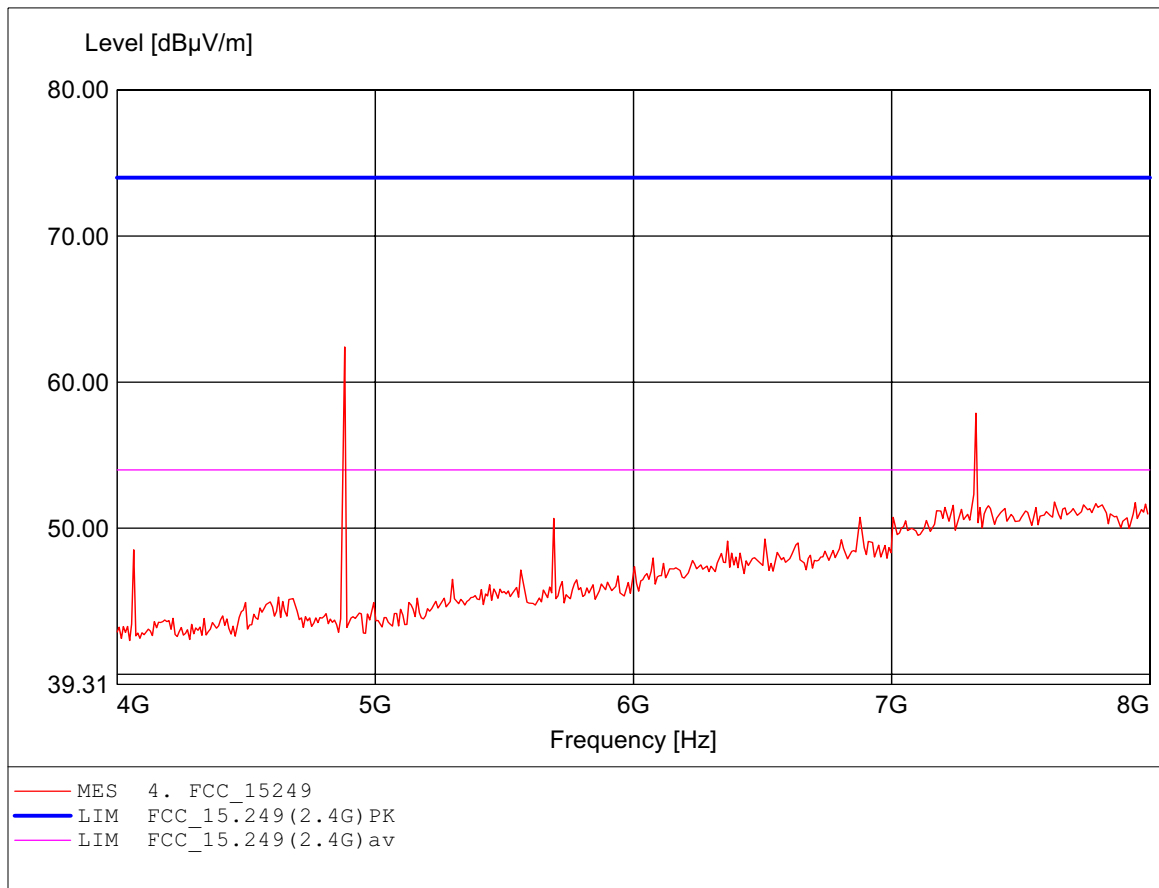
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 1.625GHz, Emax: 52.74dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

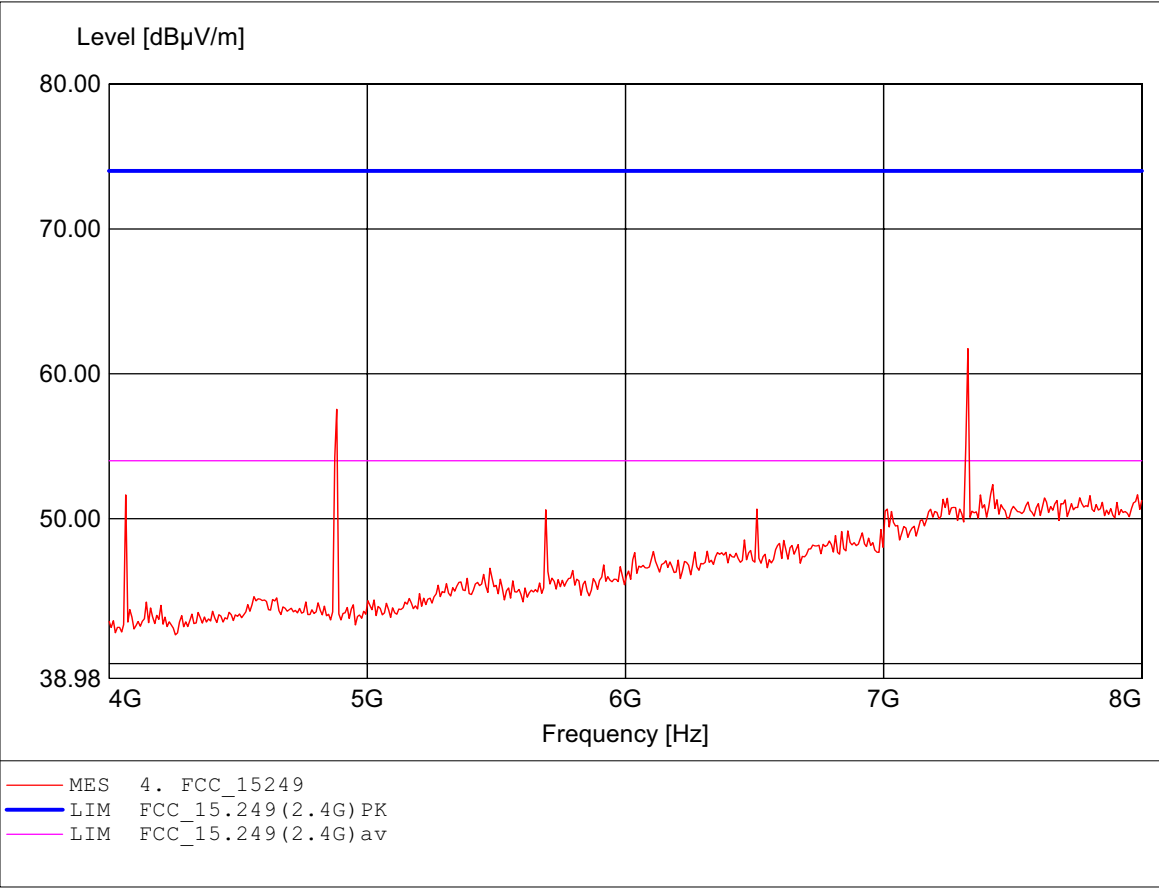
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 4.882GHz, Emax: 62.42dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

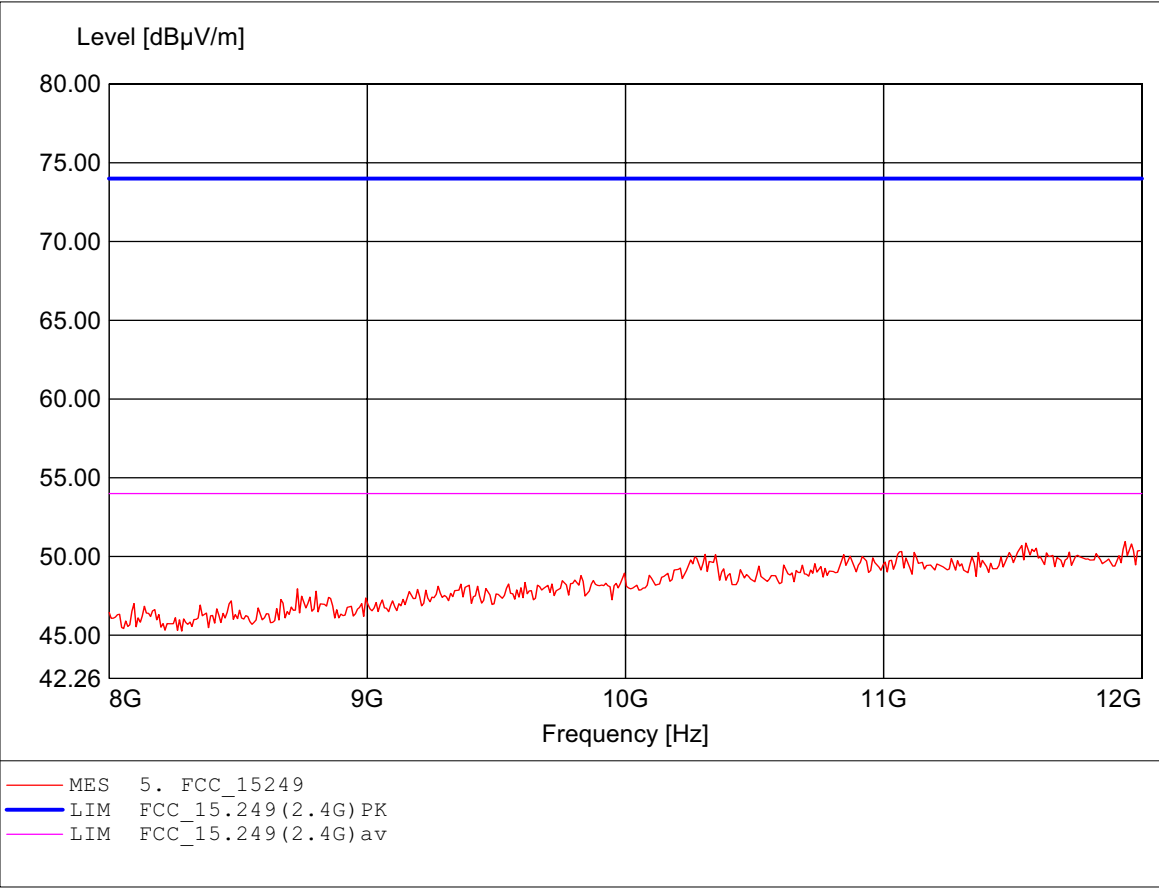
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.327GHz, Emax: 61.73dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

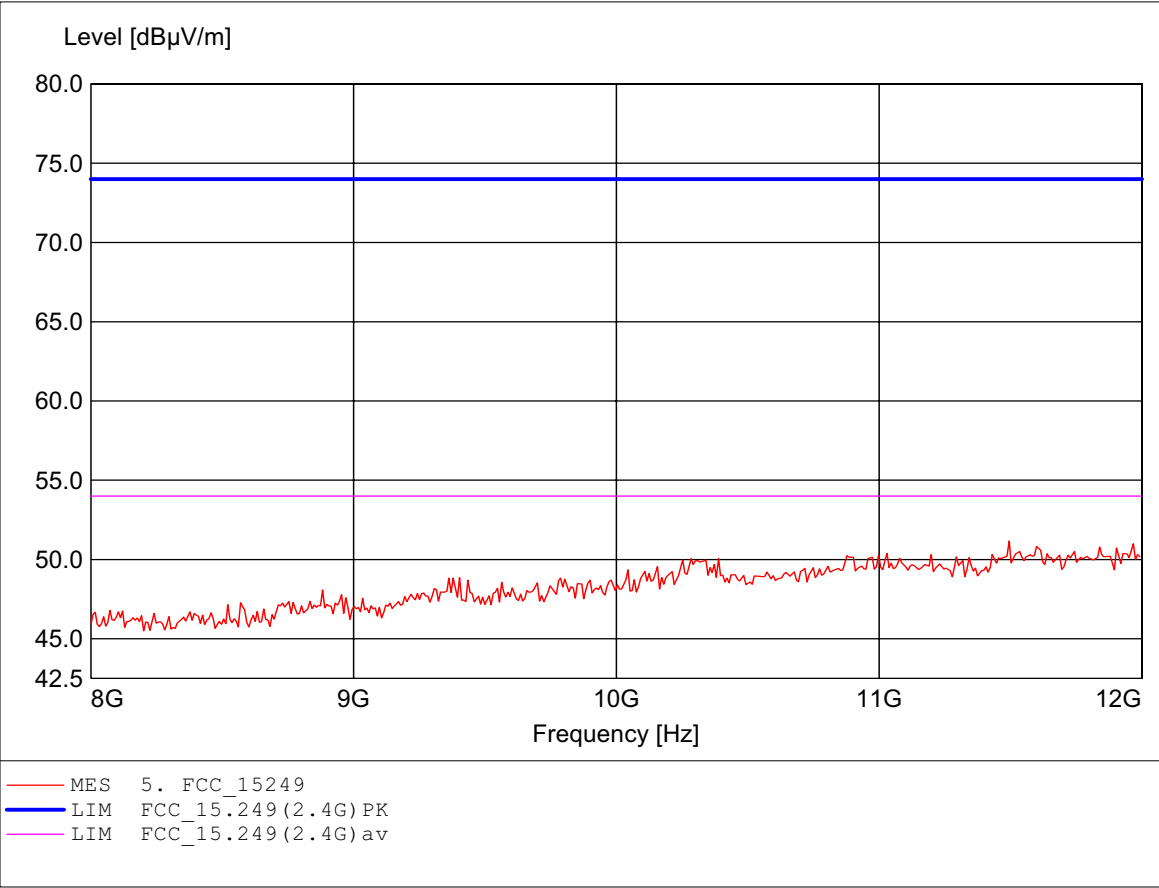
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.936GHz, Emax: 50.94dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

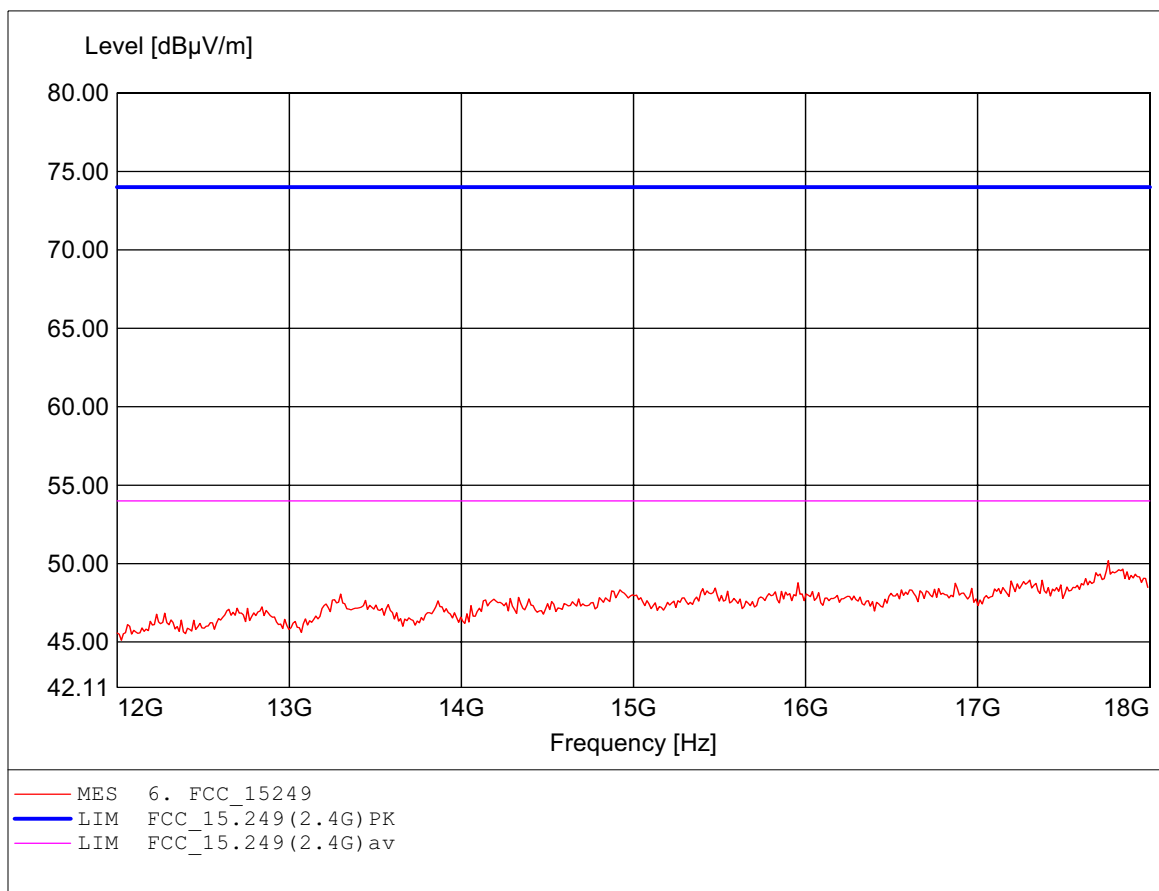
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.495GHz, Emax: 51.17dBμV/m, RBW: 1MHz



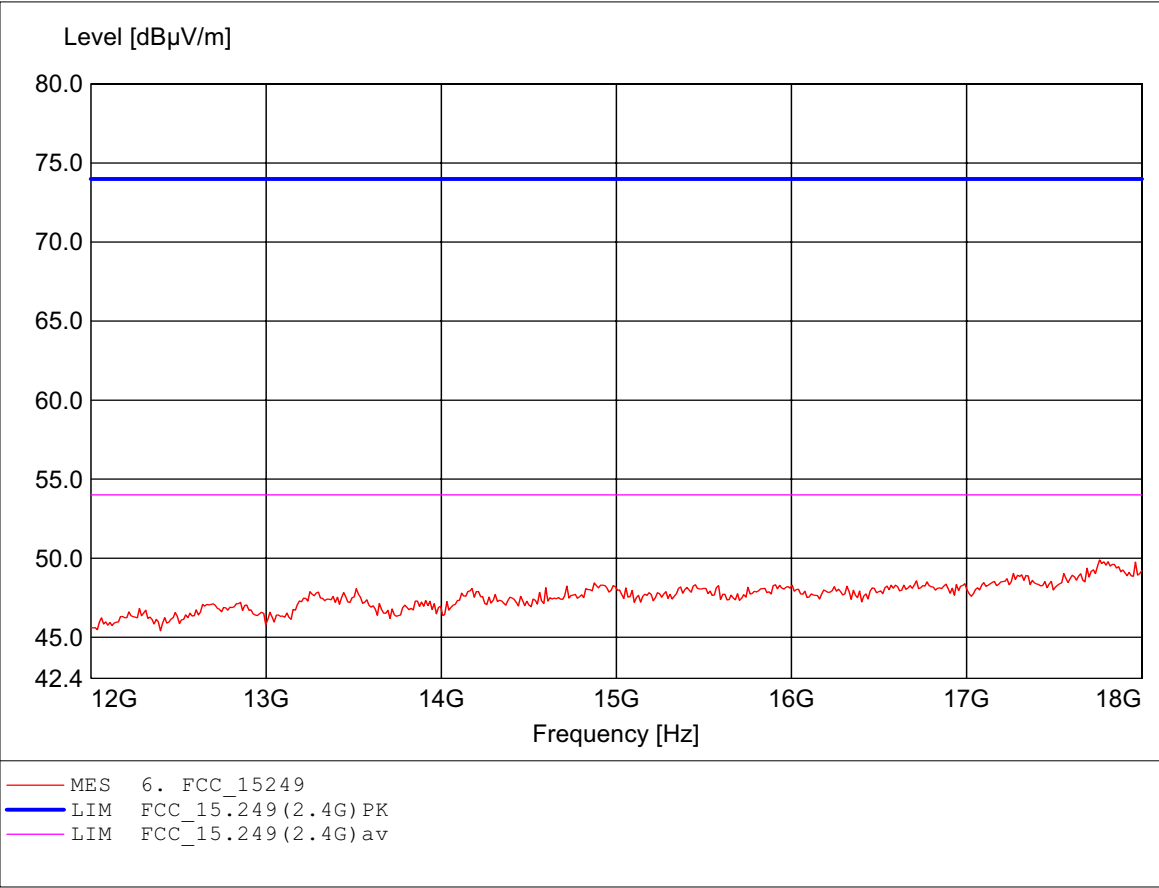
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.760GHz, Emax: 50.19dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

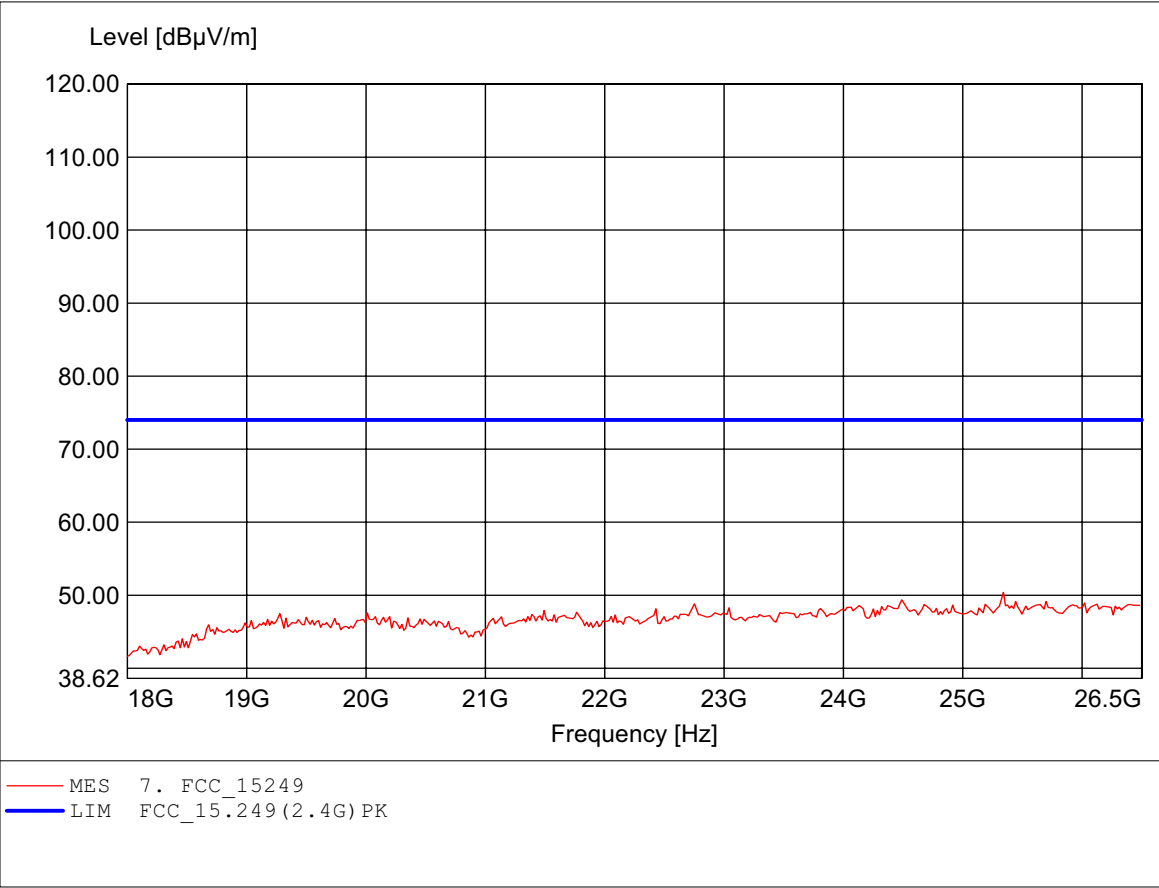
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.760GHz, Emax: 49.90dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

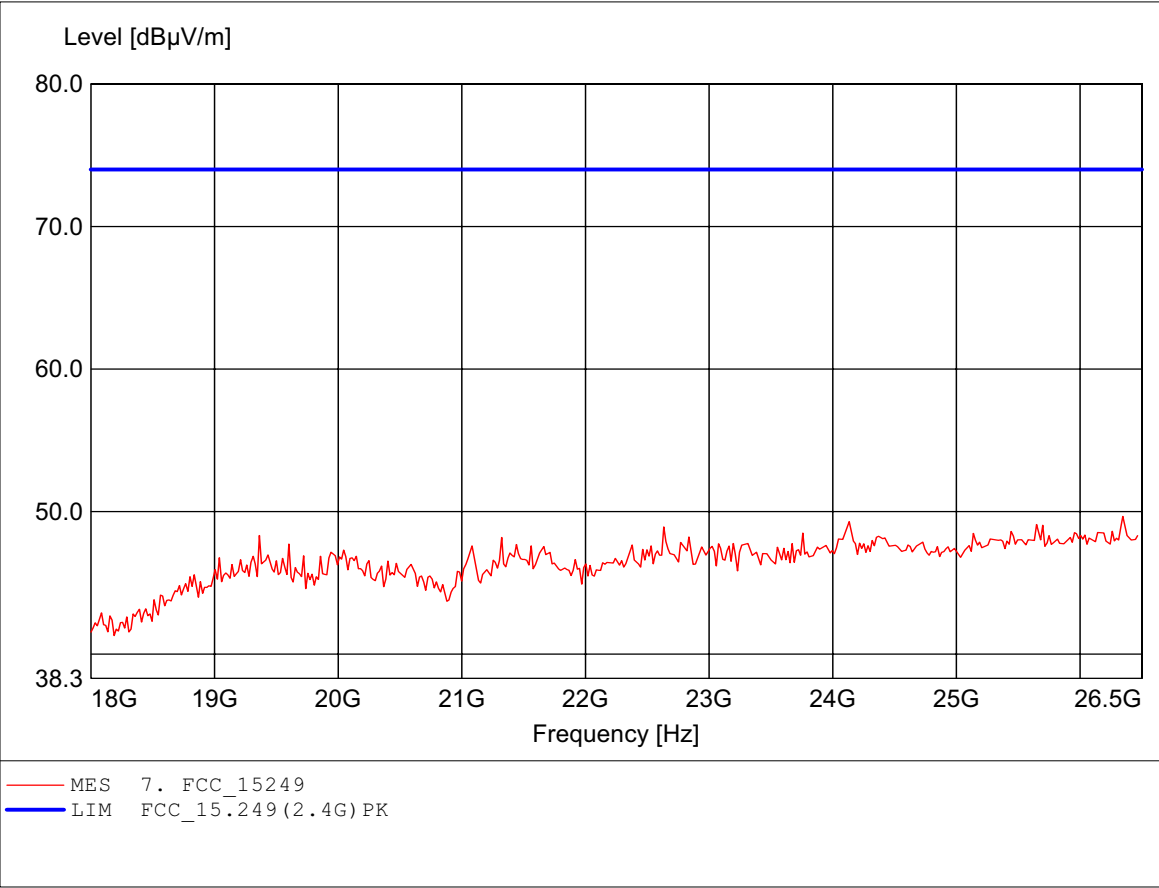
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.342GHz, Emax: 50.38dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

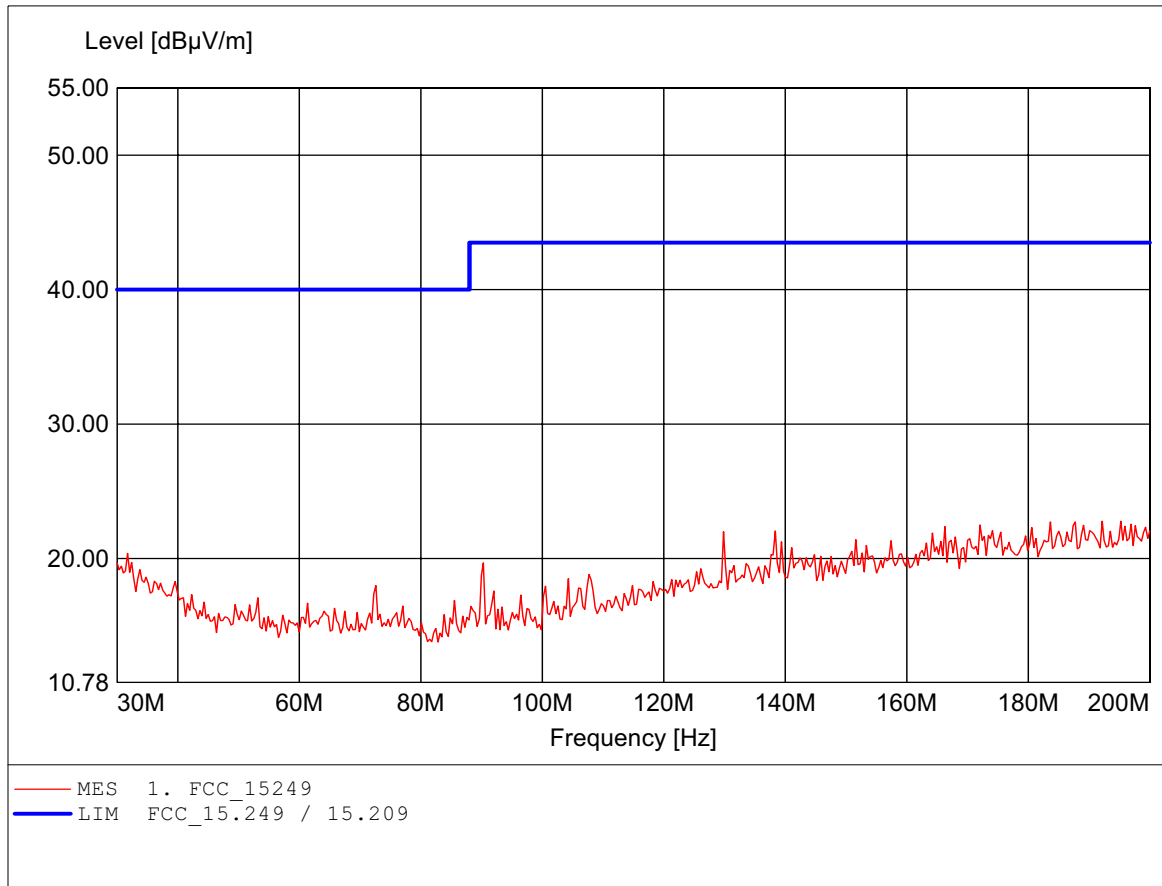
Order Number : W6M20611-7548 CH MIDDLE
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 26.347GHz, Emax: 49.66dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

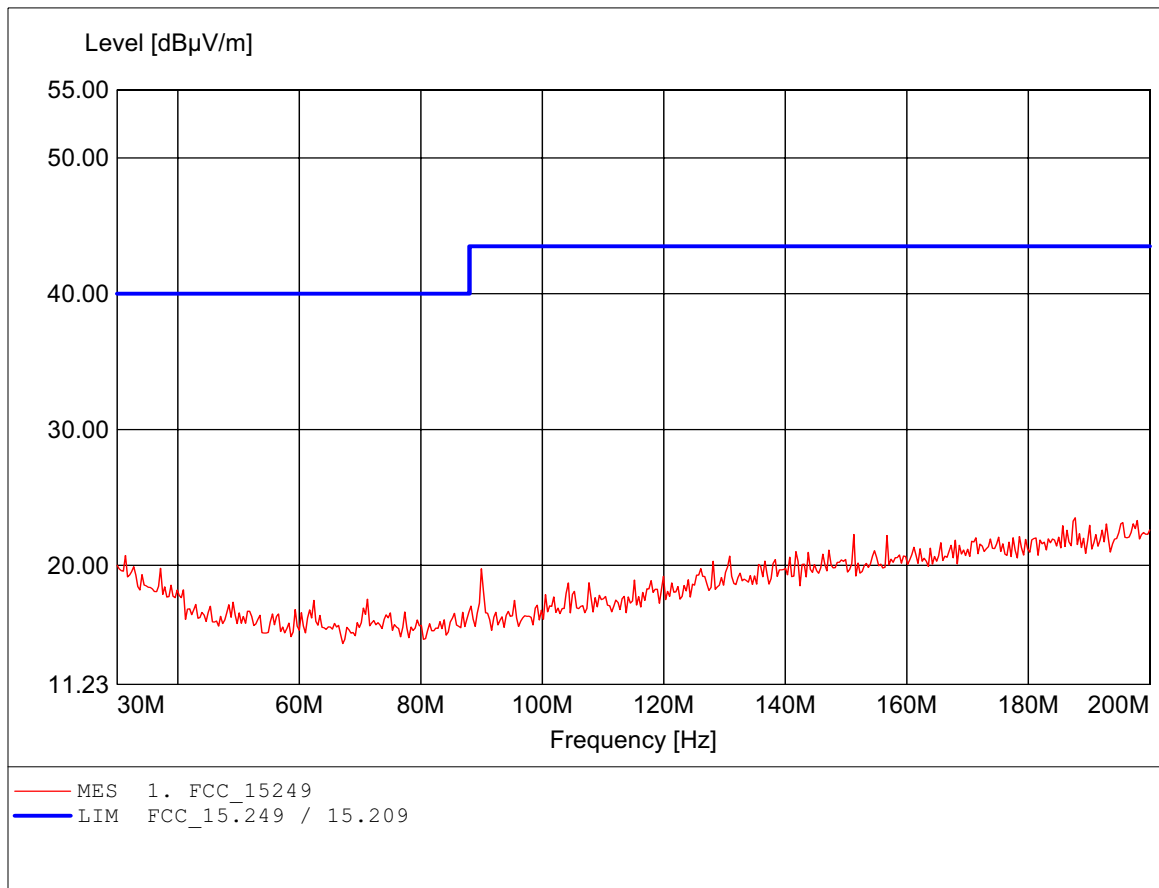
Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 192.164MHz, Emax: 22.78dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

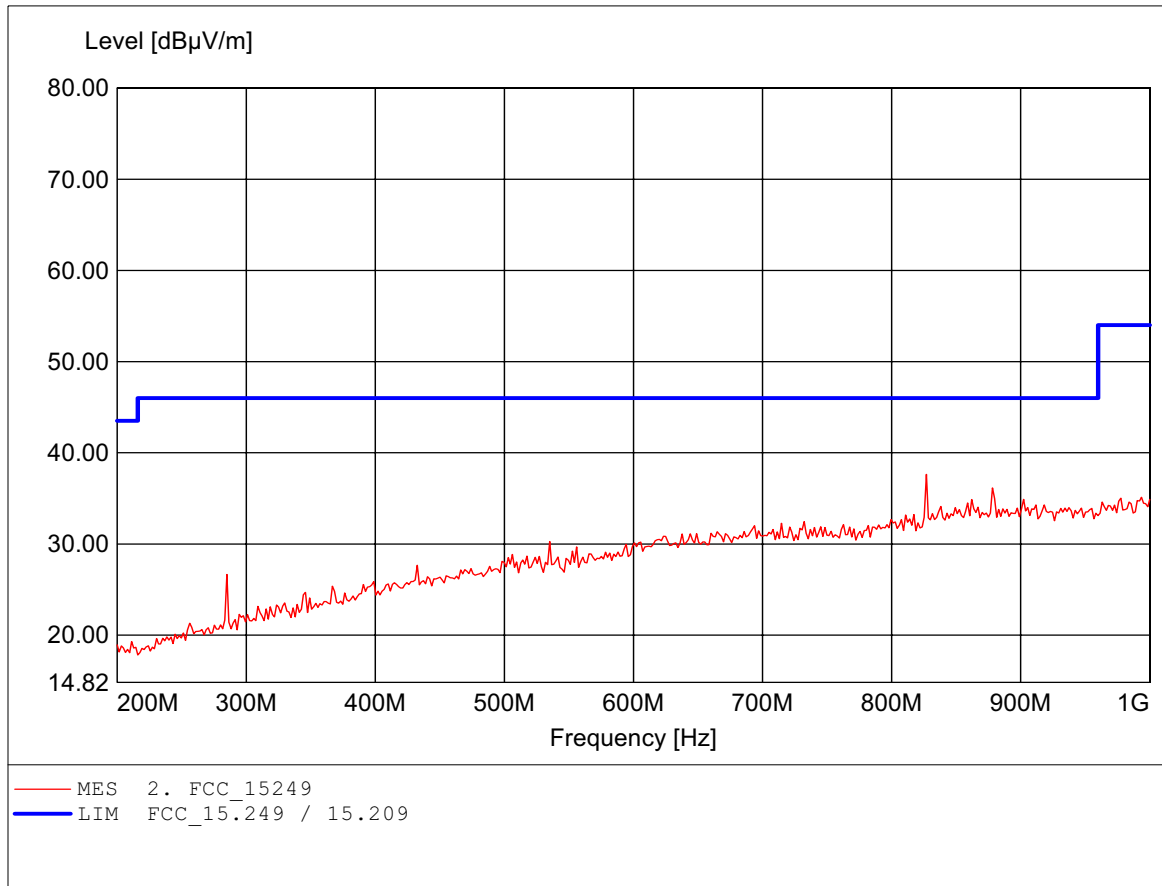
Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 187.735MHz, Emax: 23.50dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

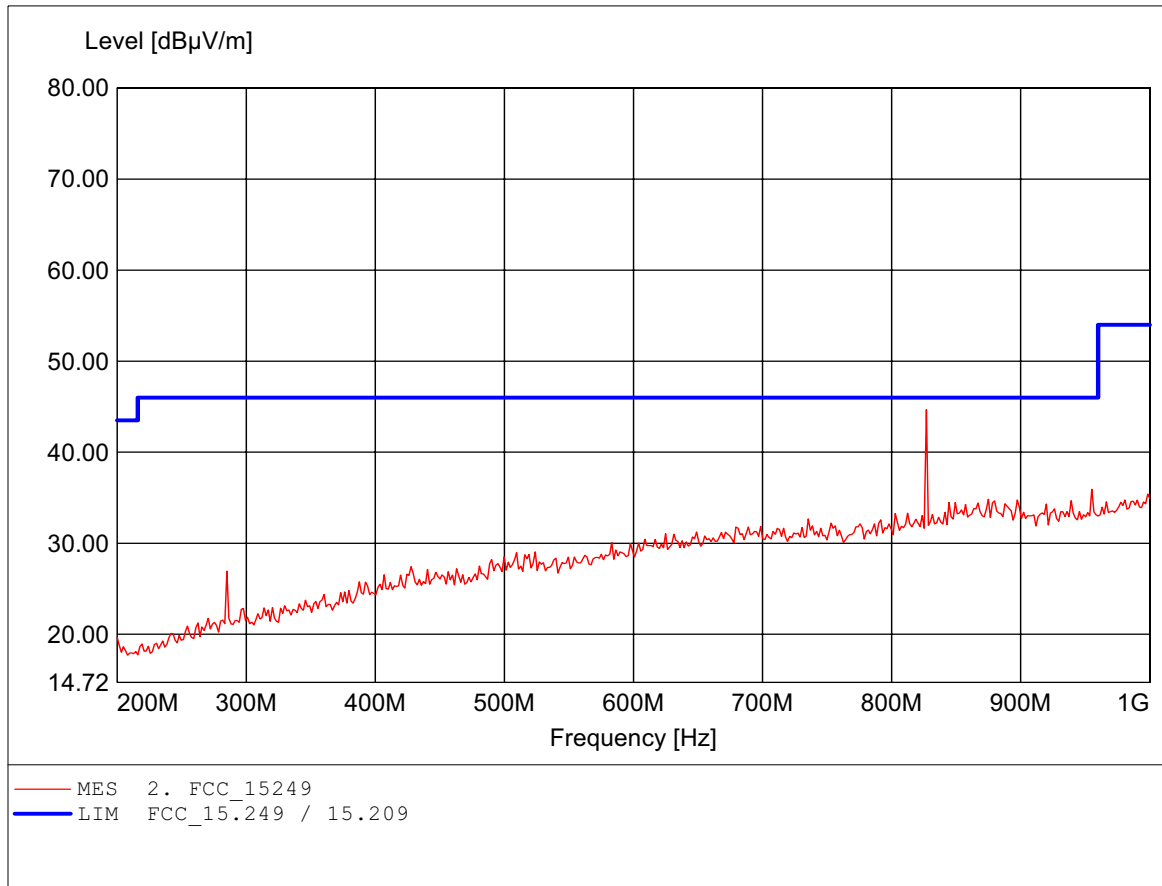
Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 826.854MHz, Emax: 37.64dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

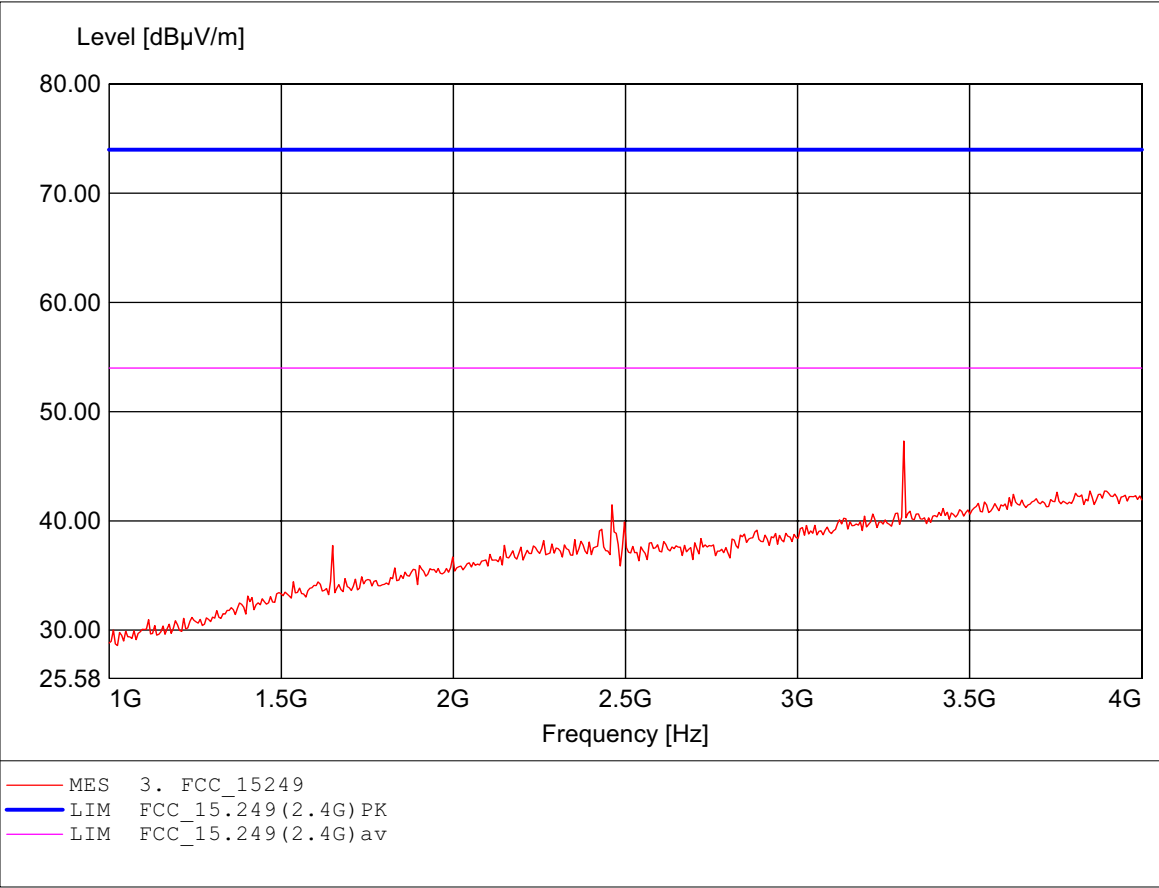
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Freq: 826.854MHz, Emax: 44.67dBμV/m, RBW: 100kHz



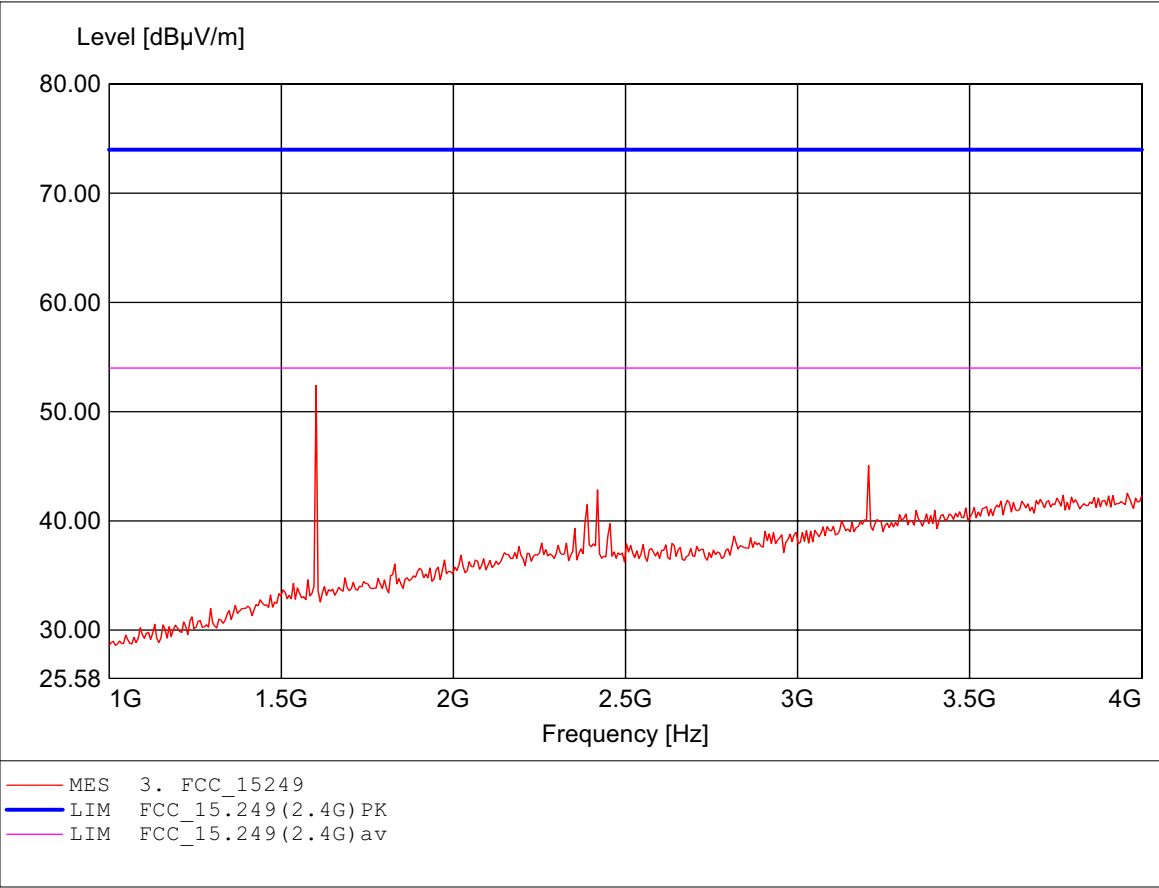
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 3.309GHz, Emax: 47.31dBµV/m, RBW: 1MHz



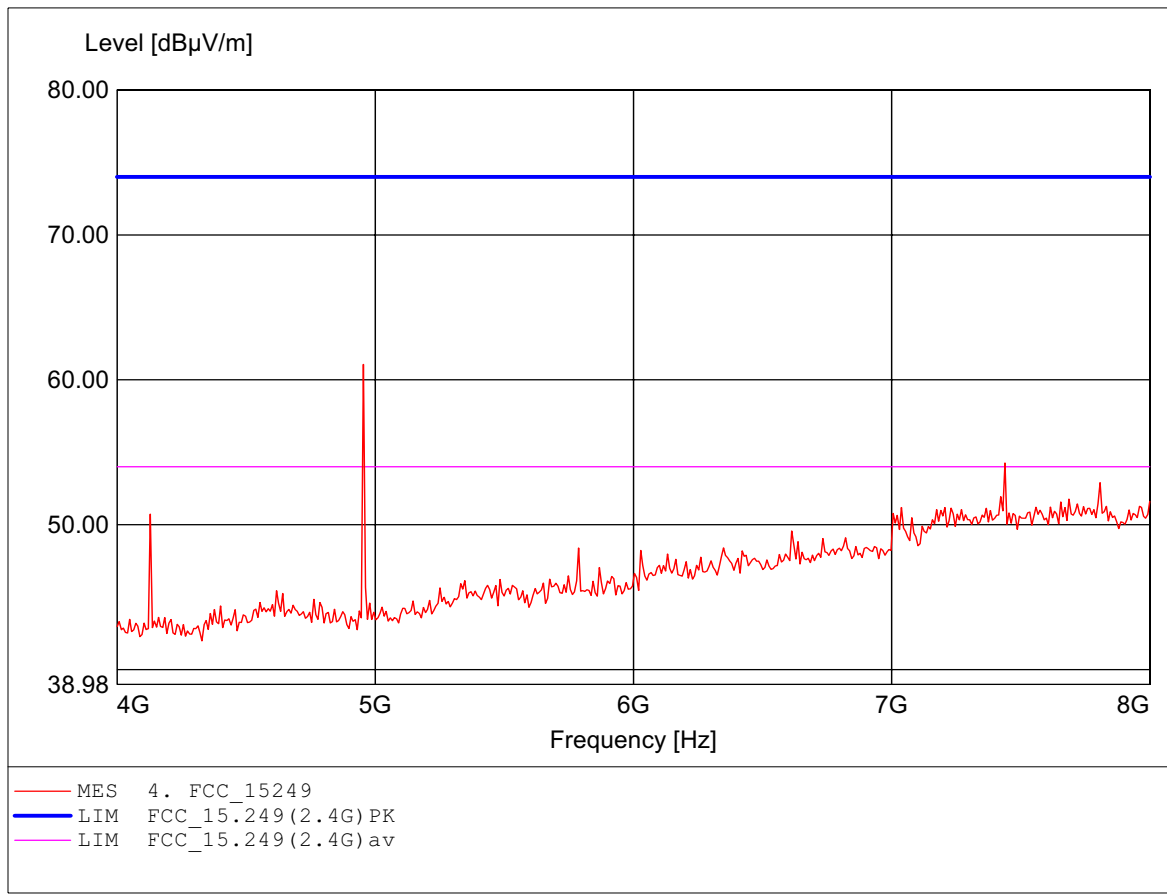
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 1.601GHz, Emax: 52.40dBµV/m, RBW: 1MHz



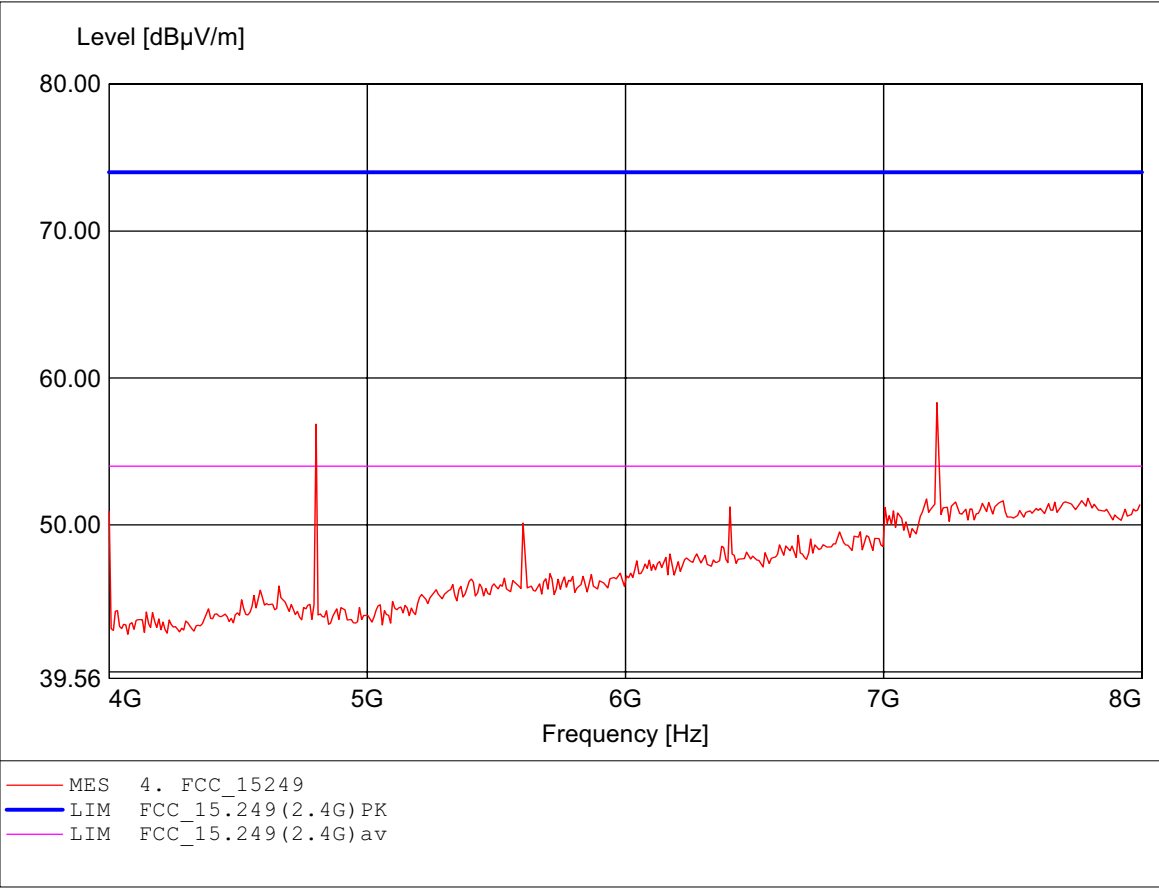
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 4.954GHz, Emax: 61.06dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

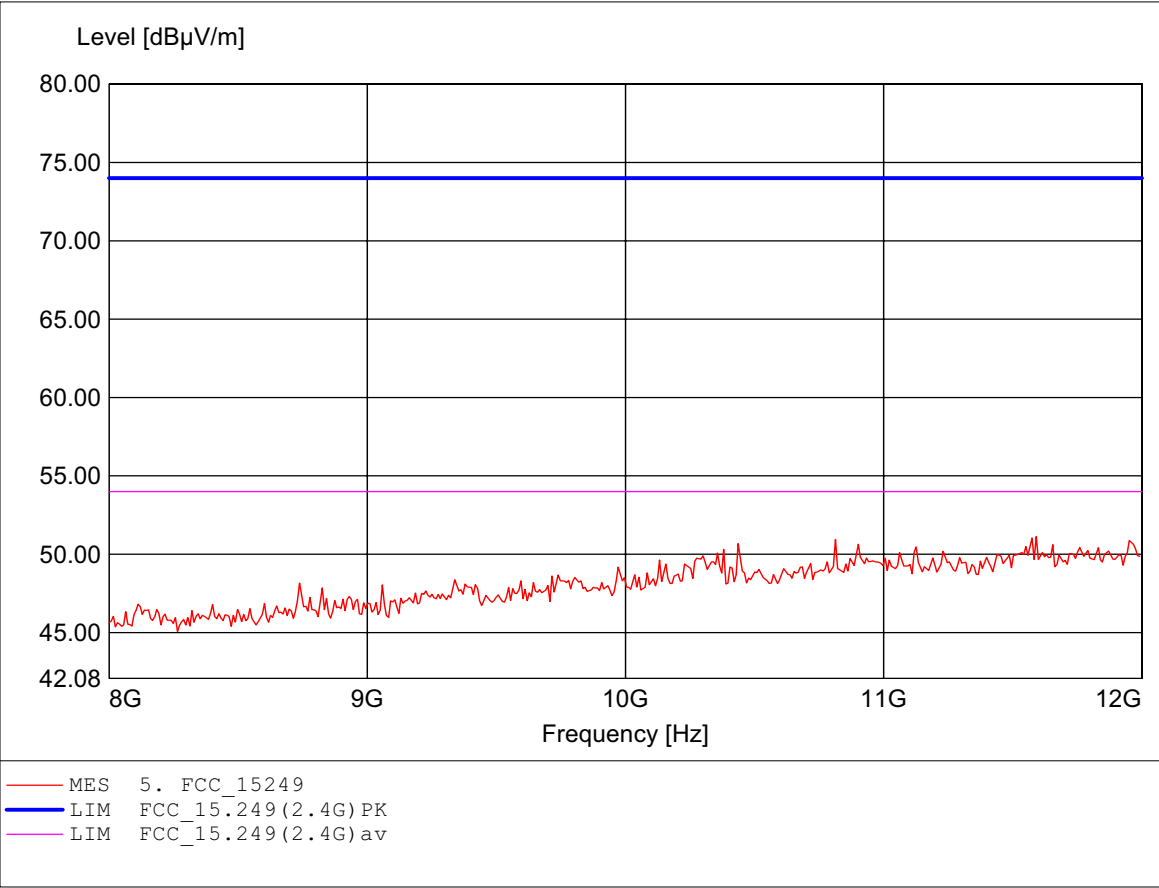
Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.206GHz, Emax: 58.32dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

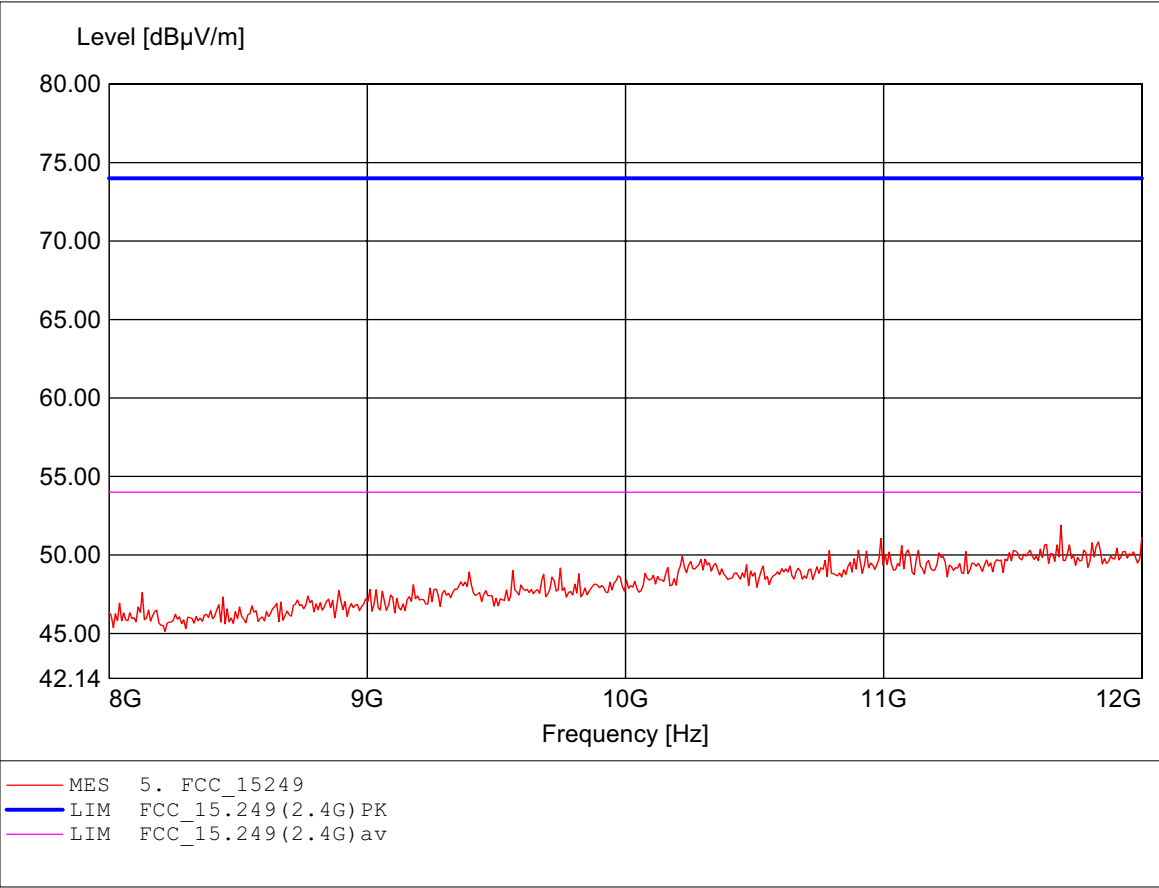
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.591GHz, Emax: 51.12dBµV/m, RBW: 1MHz



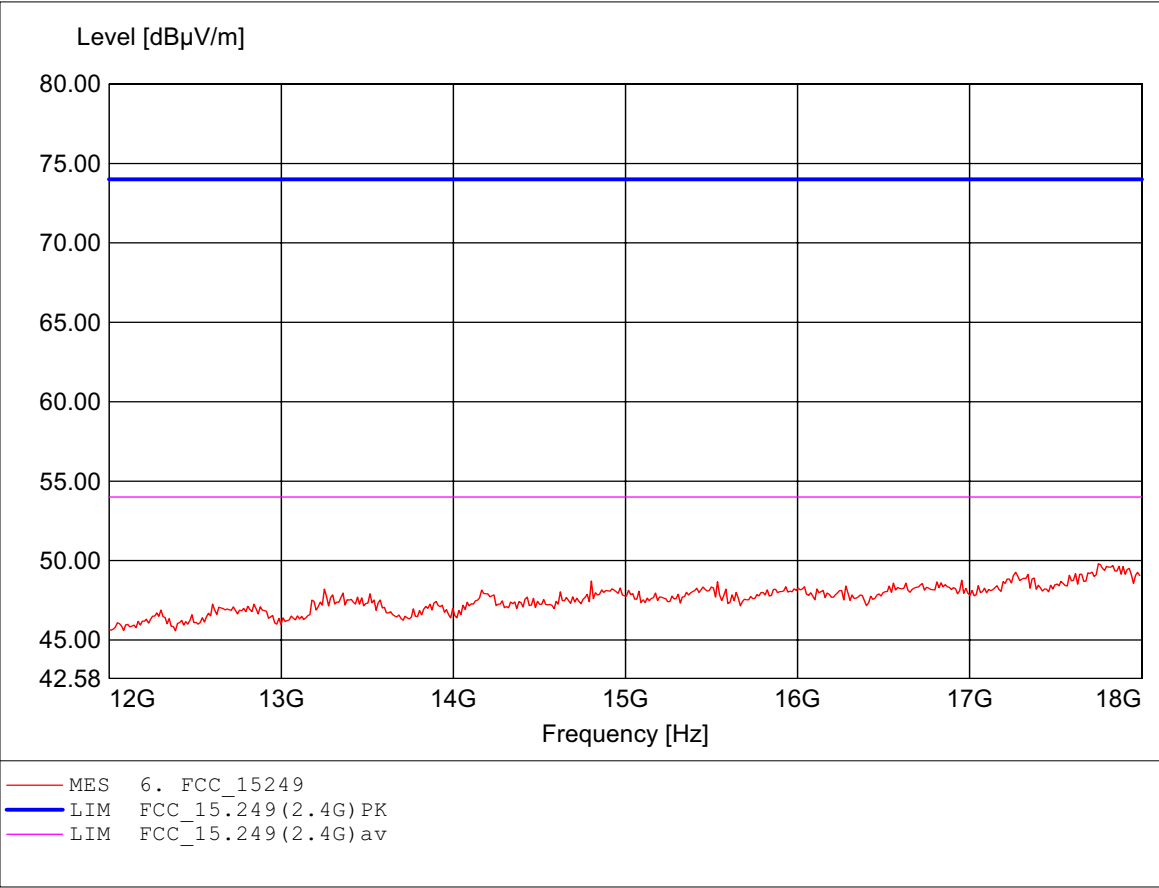
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.687GHz, Emax: 51.89dBμV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

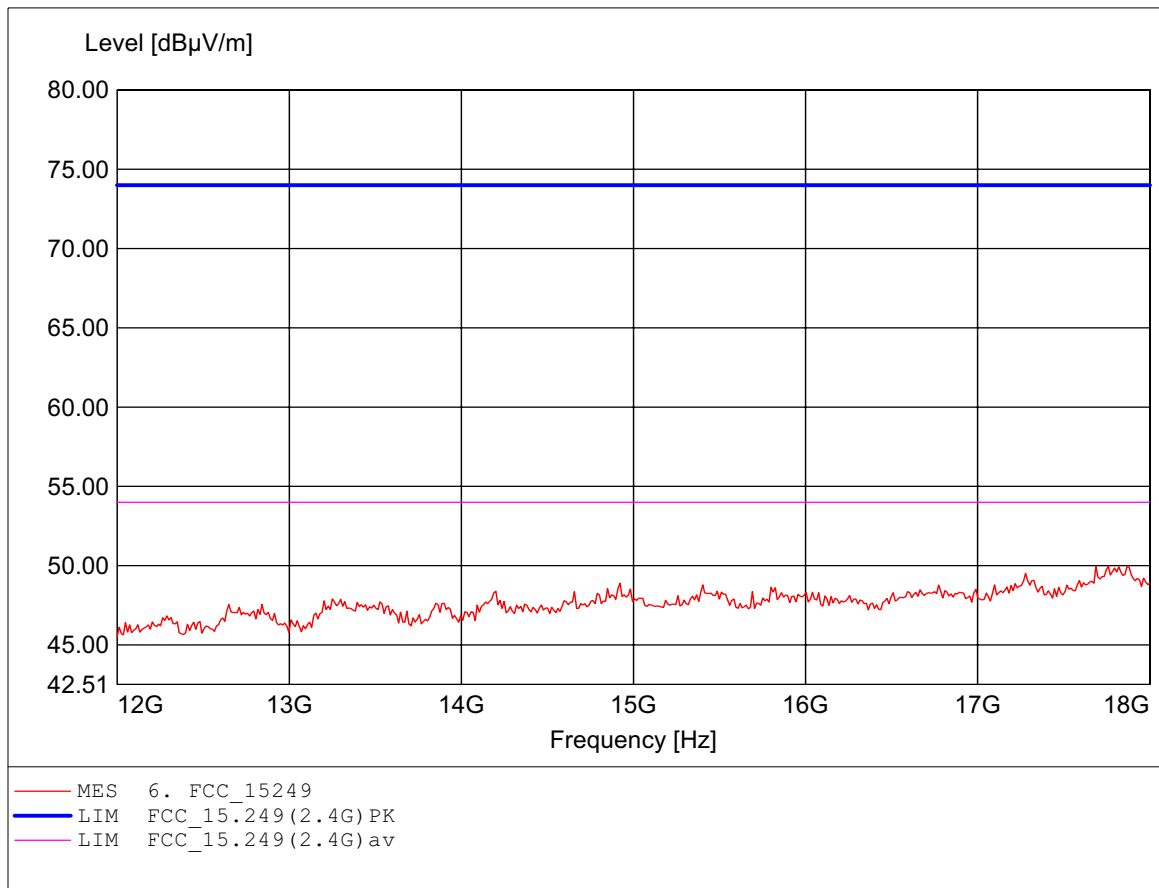
Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.747GHz, Emax: 49.80dBµV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.760GHz, Emax: 49.96dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH

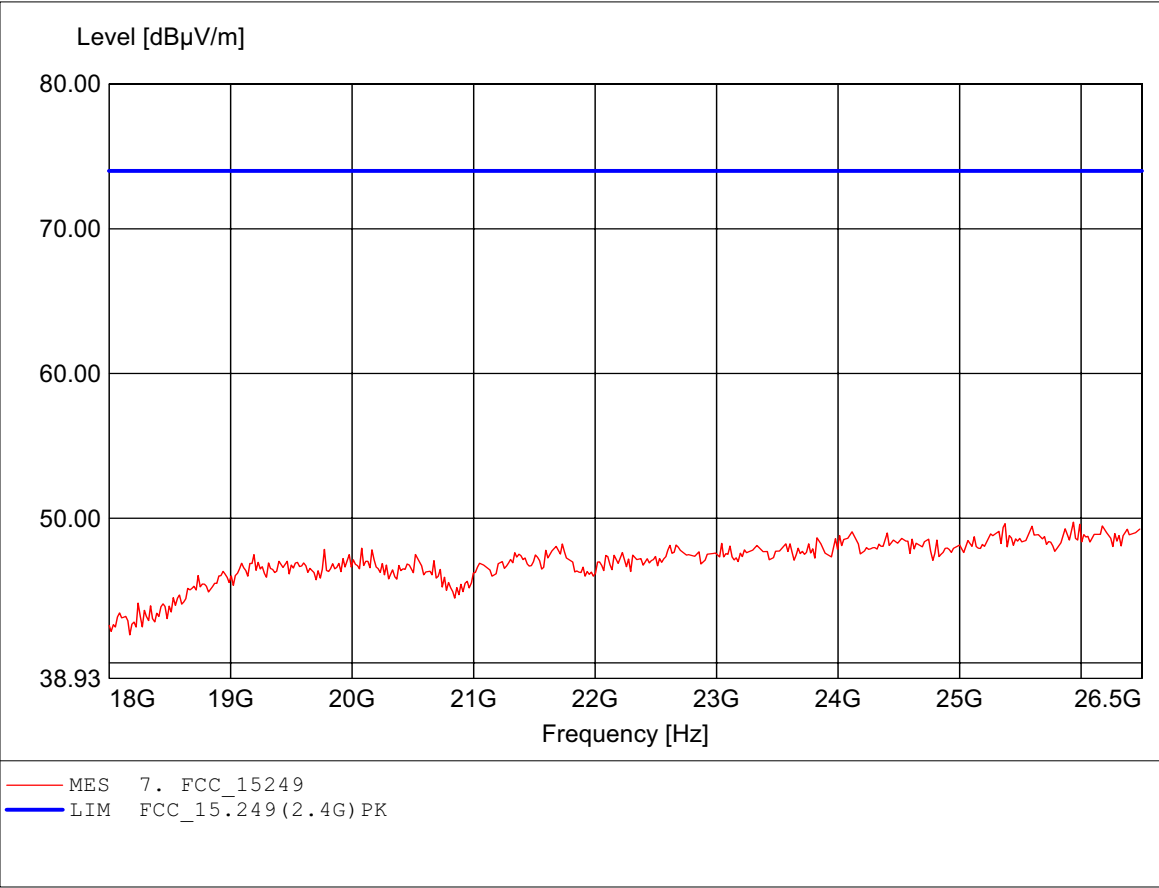
Test Site / Operator: ETS / Jay Chaing

Temperature:: Temp.: 23.9°C

according to §15.249, peak detector

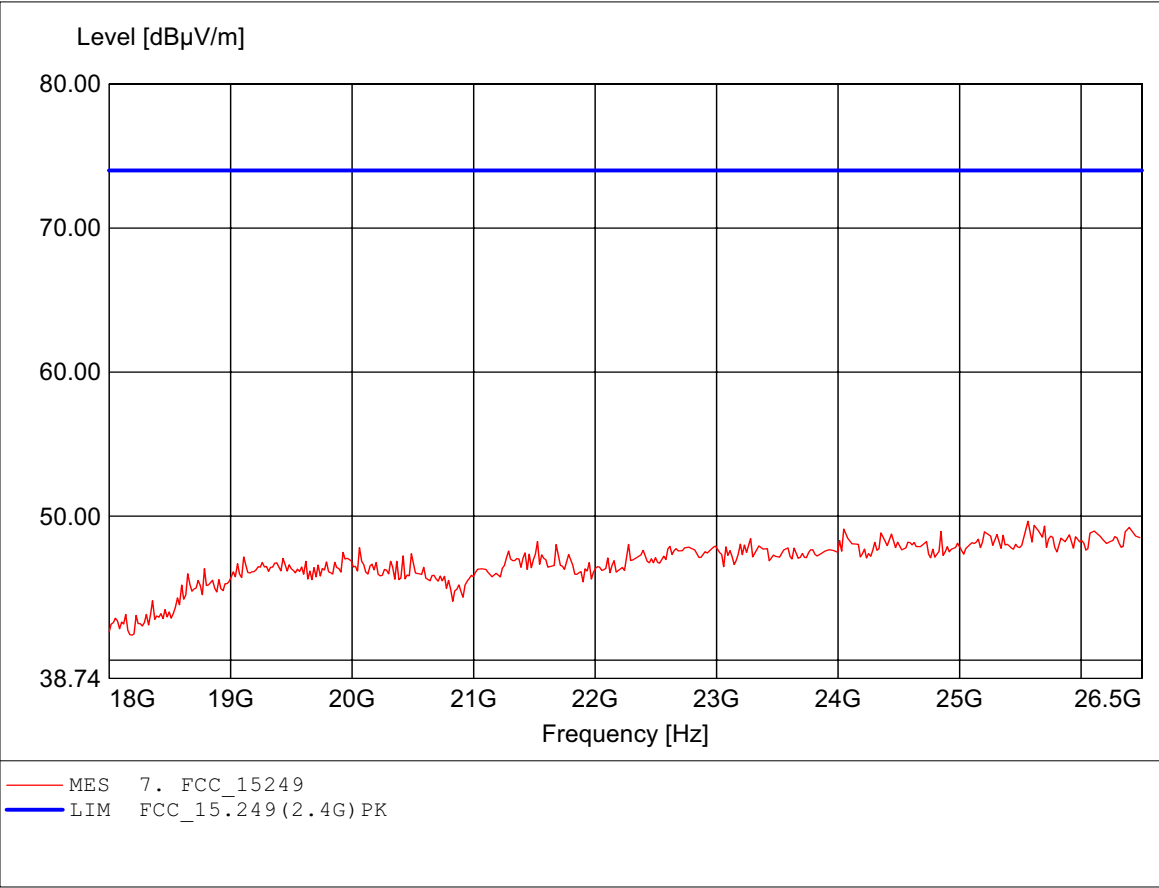
Comment 1: Dist.: 3m, Ant.: HL025, amplif.

Freq: 25.938GHz, Emax: 49.72dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C / LP0002

Order Number : W6M20611-7548 CH HIGH
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to §15.249, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.563GHz, Emax: 49.65dBµV/m, RBW: 1MHz



Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix C

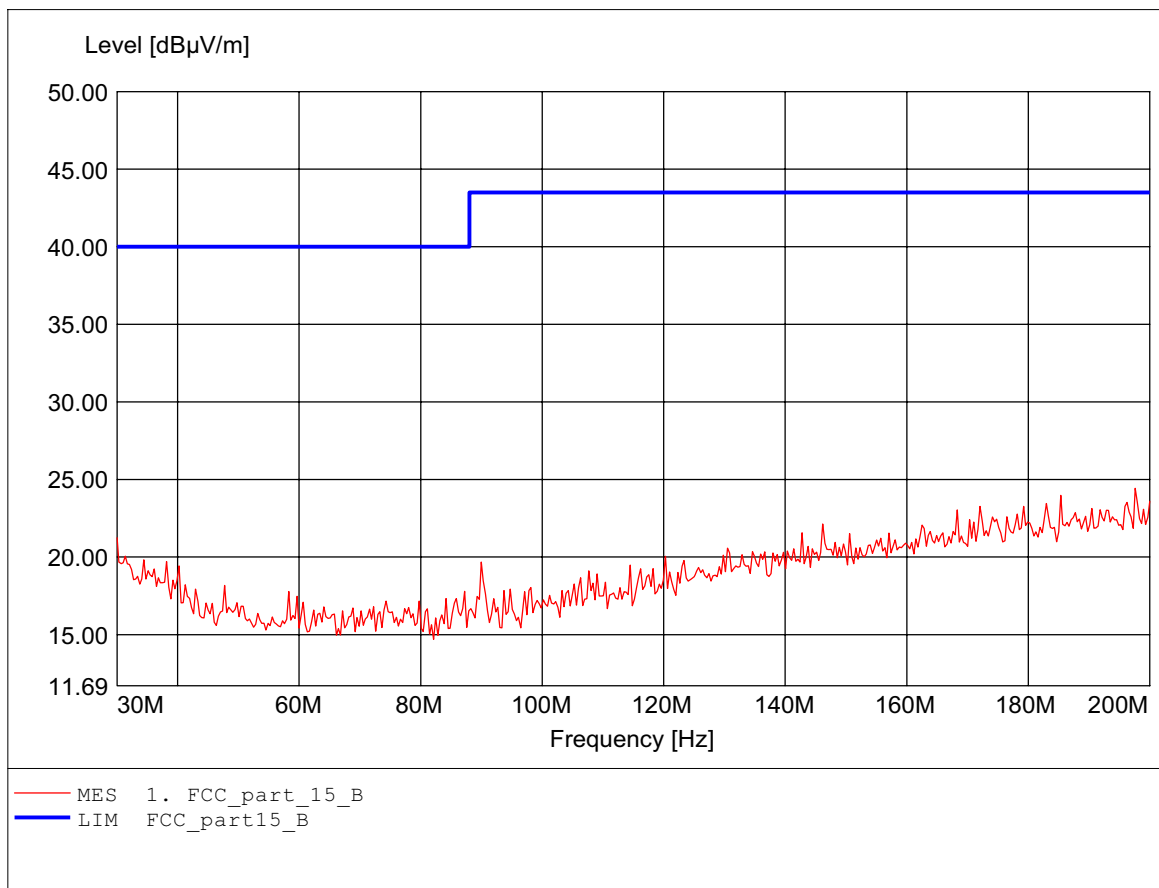
Radiated Emission from Digital Part of Transceiver

The measurement diagrams plots attached below are preliminary wideband scan with a peak detector for reference only. The final test results are listed on section 3.6

Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

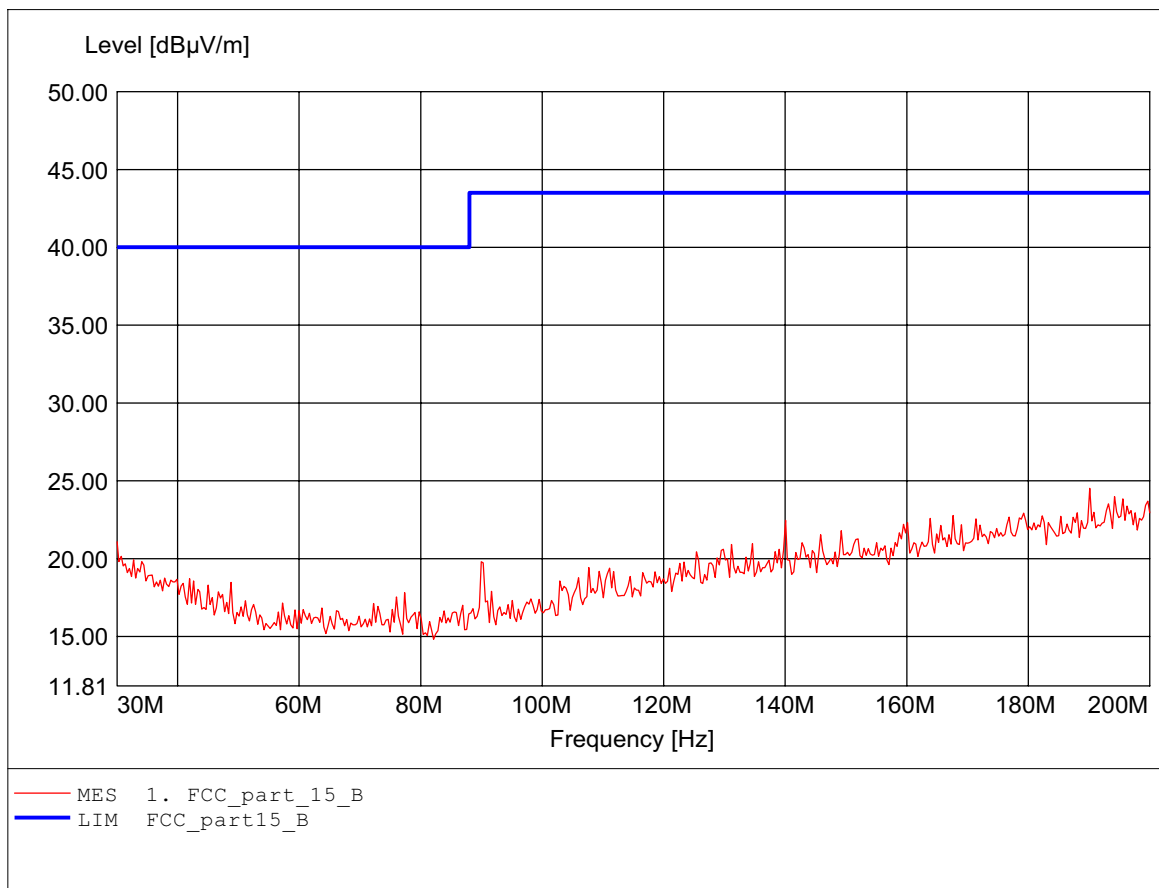
Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:197.615MHz Emax:24.44dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

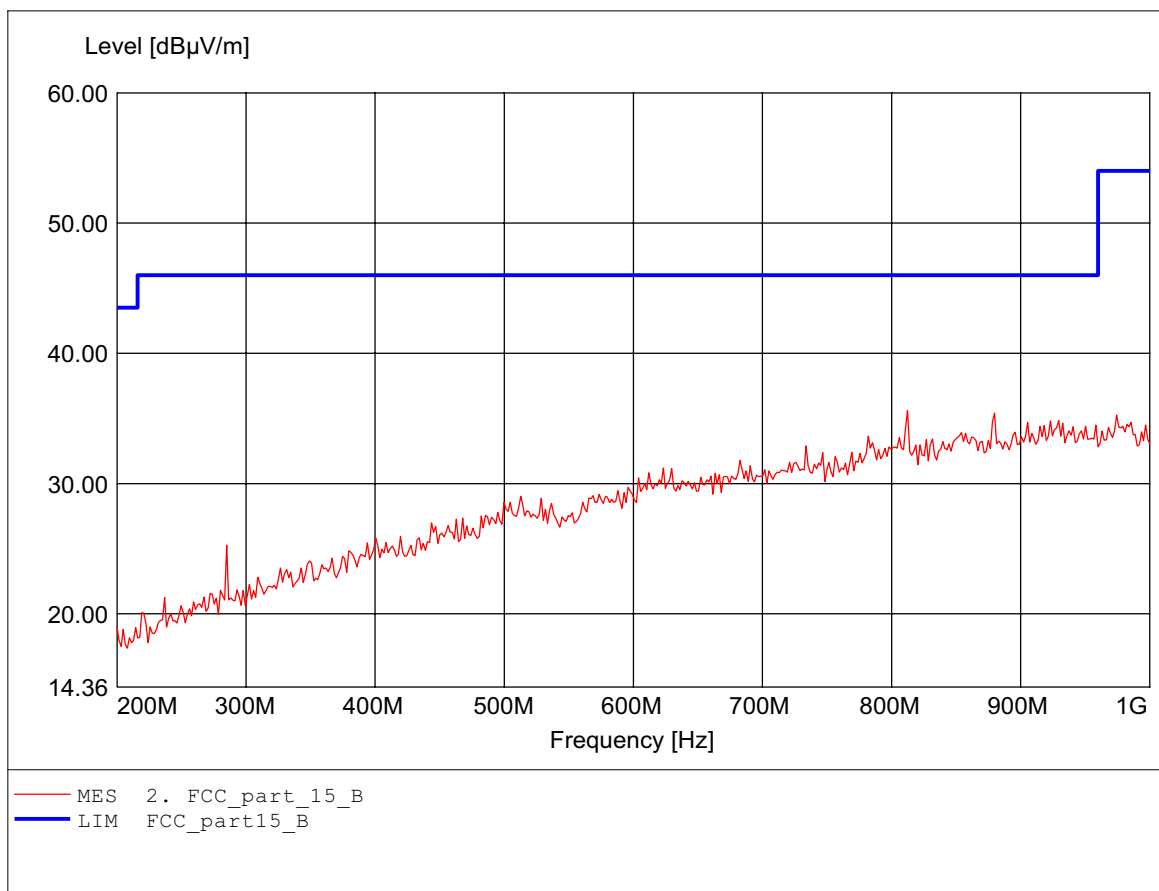
Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:190.120MHz Emax:24.52dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

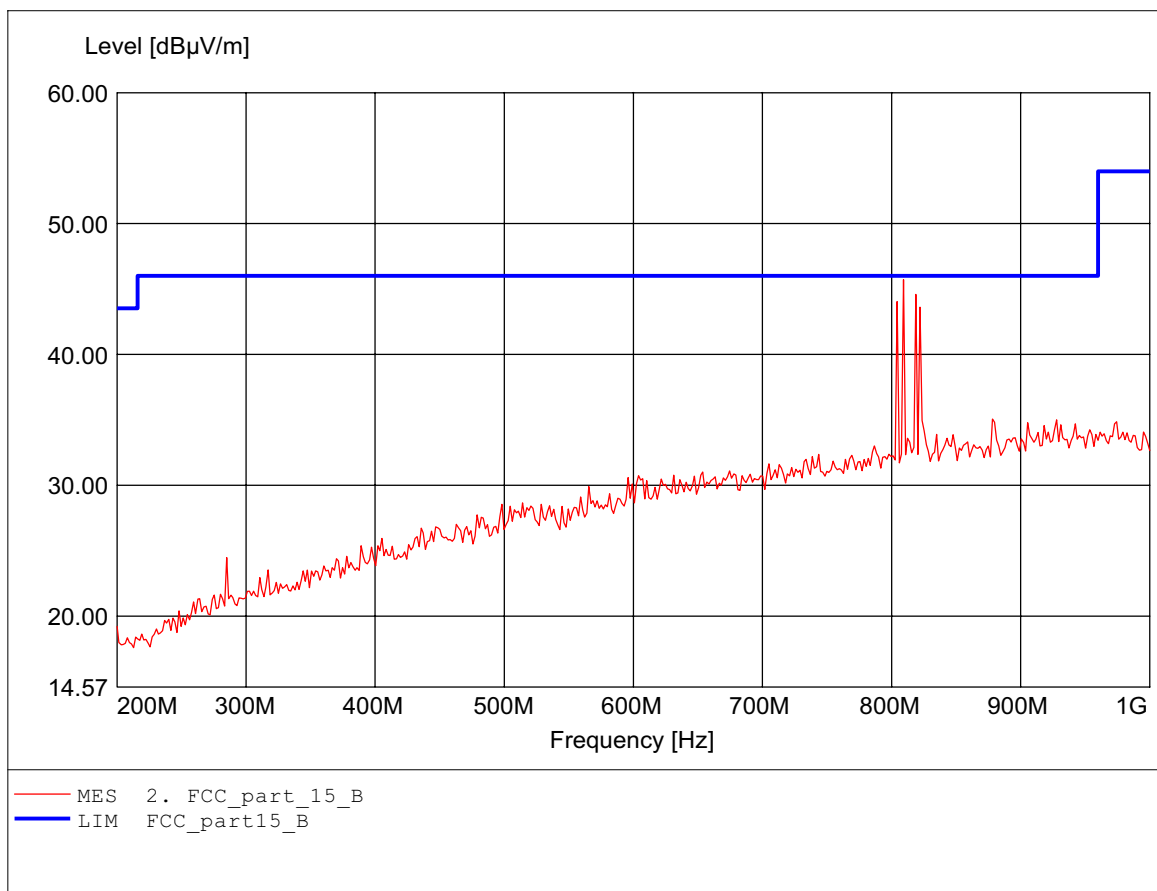
Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:812.425MHz Emax:35.61dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:809.218MHz Emax:45.71dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B LP

Order Number : W6M20611-7548 Voice Recorder

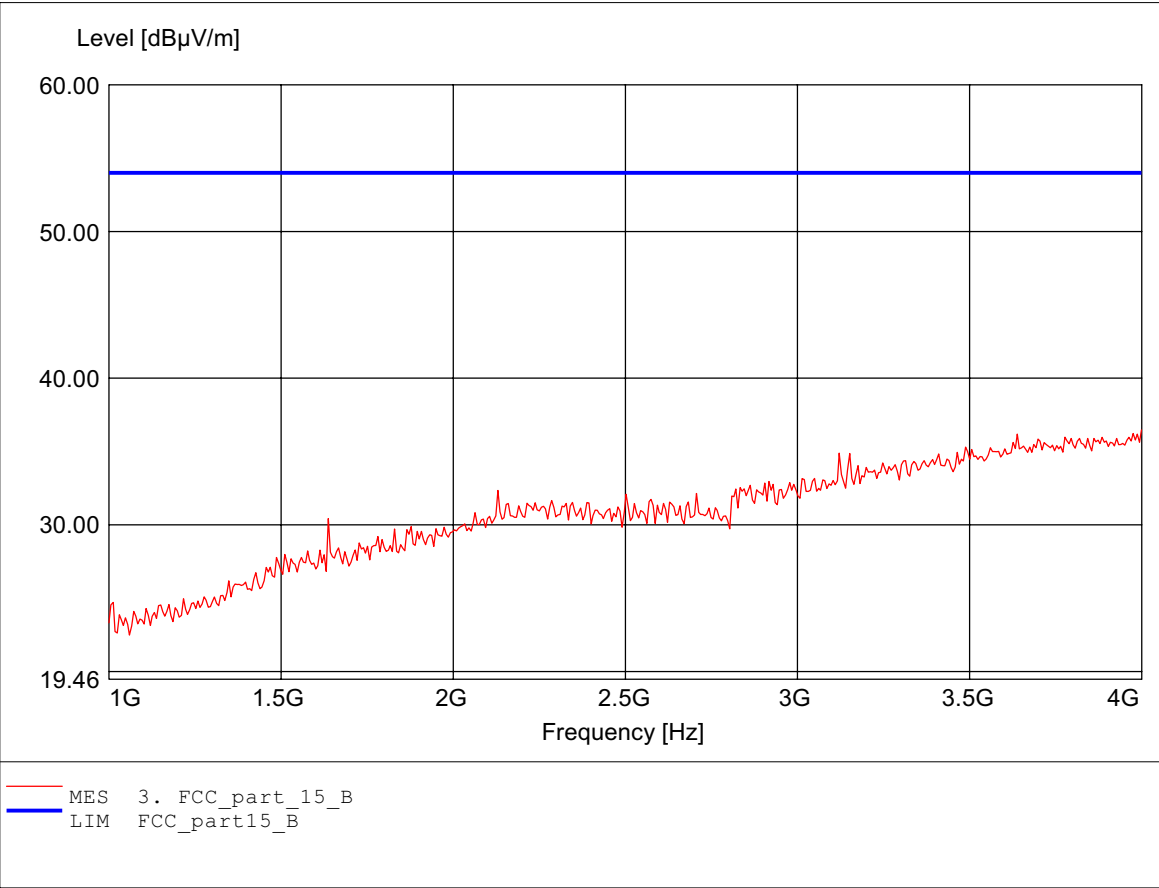
Test Site / Operator: ETS / J ay Chaing

Temperature:: Temp.: 23.9°C

Comment 1: according to subpart B

Dist.: 3m, Ant.: HL25, ampl.

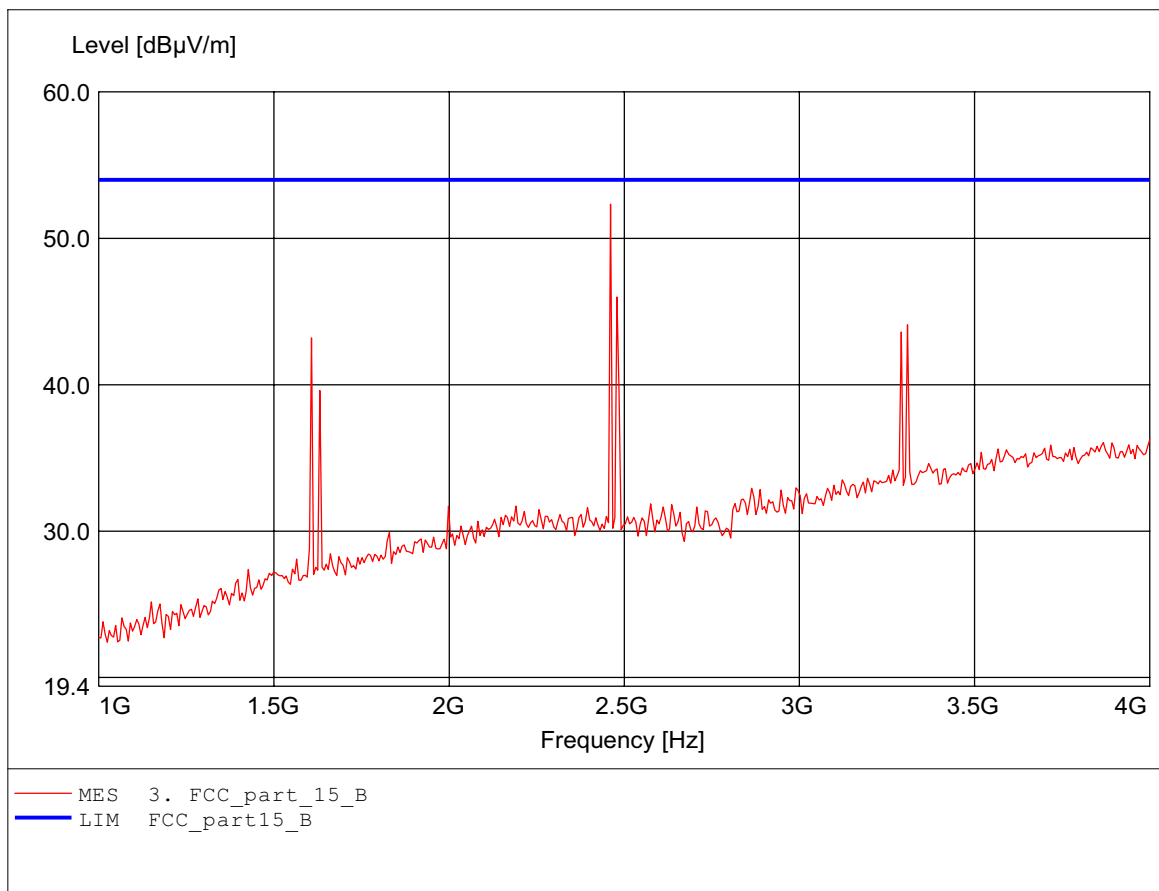
Freq:4.000GHz Emax:36.46dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:2.461GHz Emax:52.32dBμV/m RBW: 1 MHz



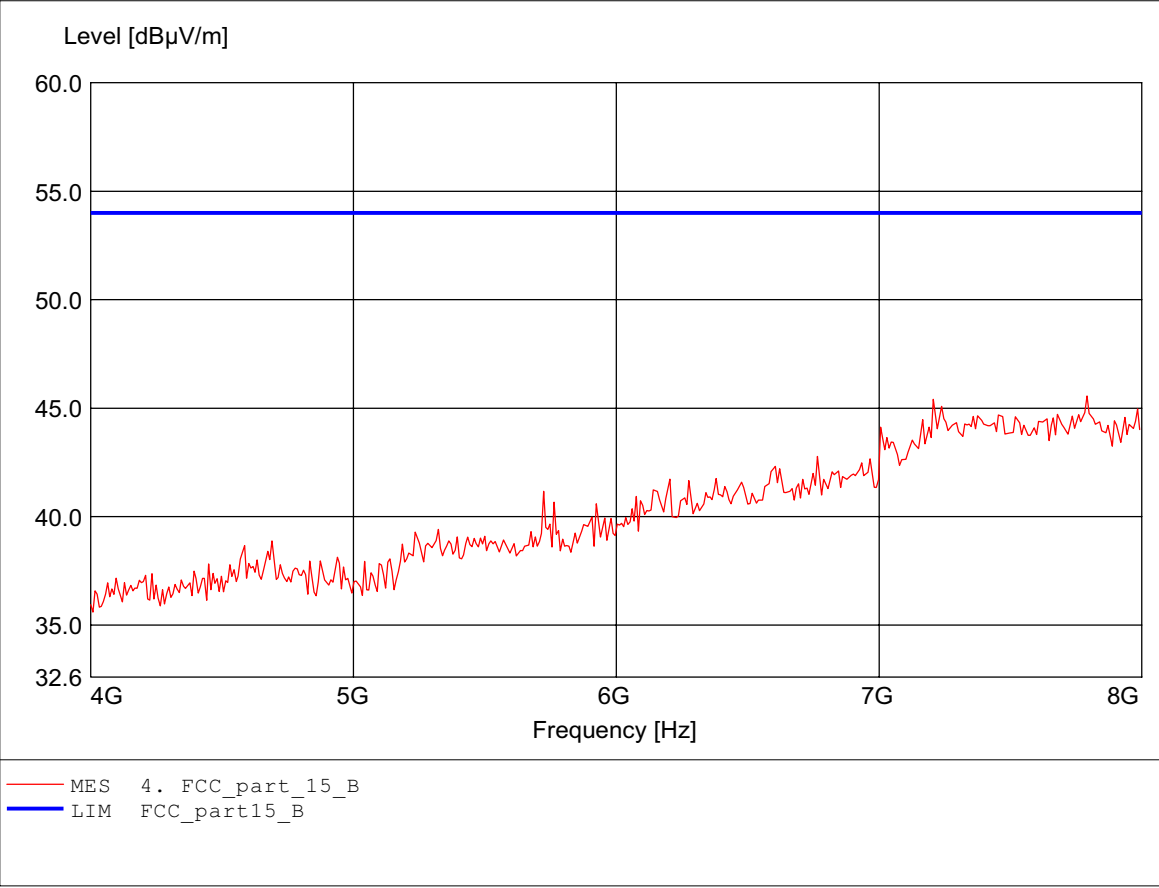
Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number :
Test Site / Operator:
Temperature::
Comment 1:

W6M20611-7548
ETS / Jay Chaing
Temp.: 23.9°C
according to subpart B
Dist.: 3m, Ant.: HL25, ampl.
Freq:7.792GHz Emax:45.56dBμV/m RBW: 1 MHz

Voice Recorder



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548

Test Site / Operator: ETS / Jay Chaing

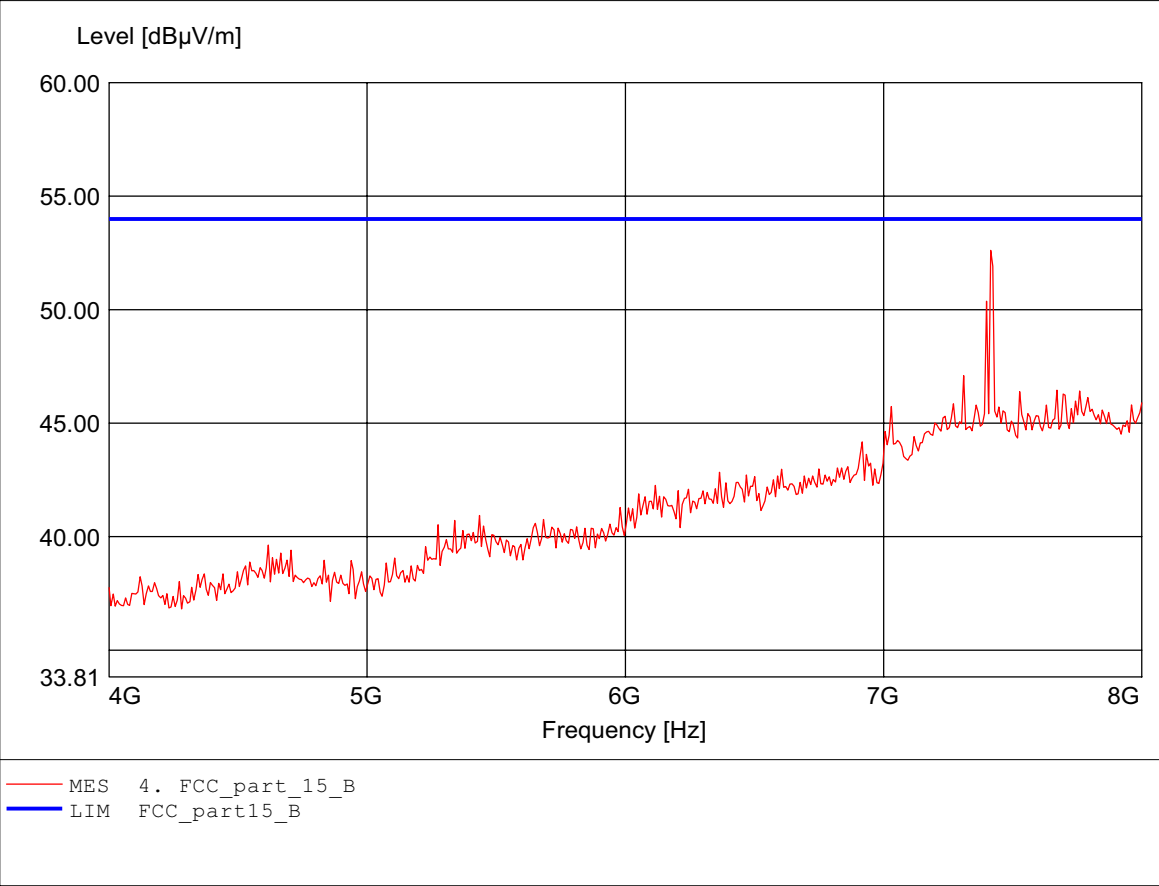
Temperature:: Temp.: 23.9°C

Comment 1: according to subpart B

Dist.: 3m, Ant.: HL25, ampl.

Freq:7.415GHz Emax:52.61dBμV/m RBW: 1 MHz

Voice Recorder



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548

Test Site / Operator: ETS / Jay Chaing

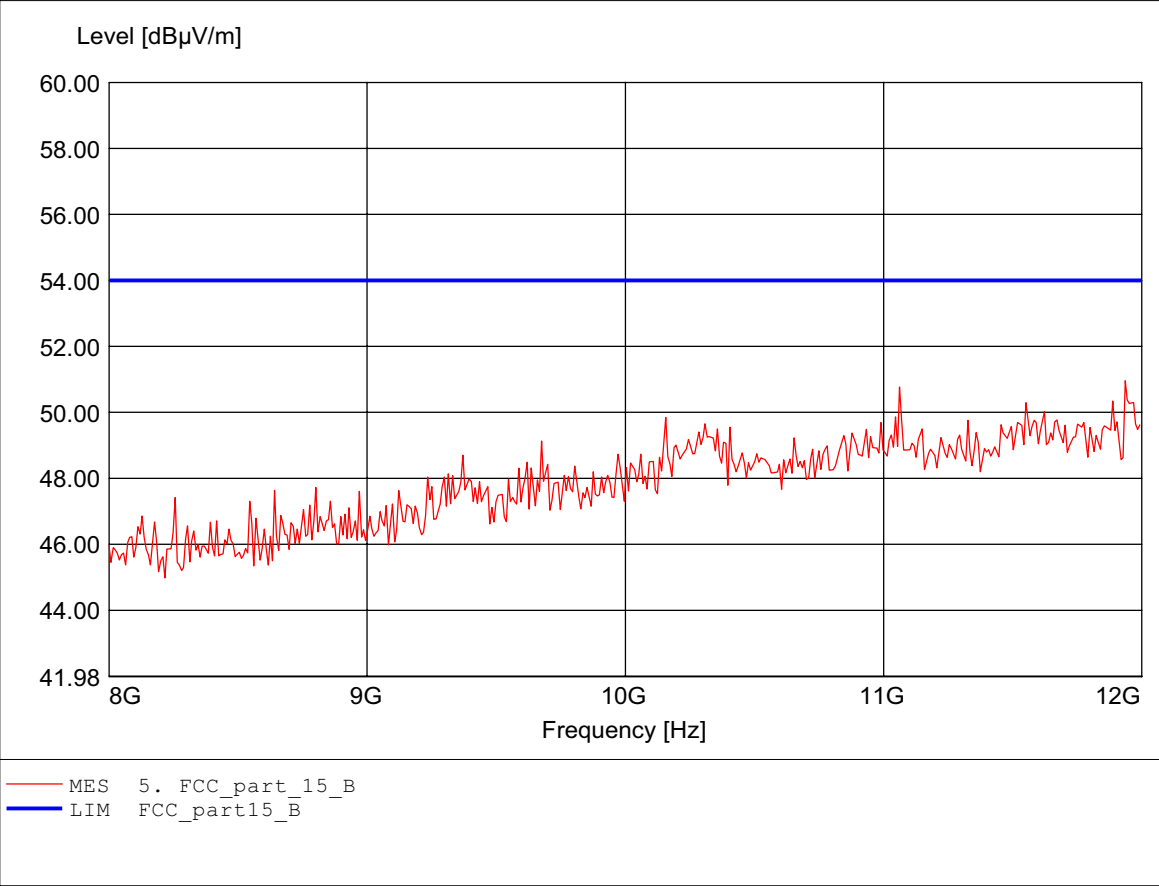
Temperature:: Temp.: 23.9°C

Comment 1: according to subpart B

Dist.: 3m, Ant.: HL25, ampl.

Freq:11.936GHz Emax:50.95dBμV/m RBW: 1 MHz

Voice Recorder



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548

Test Site / Operator: ETS / Jay Chaing

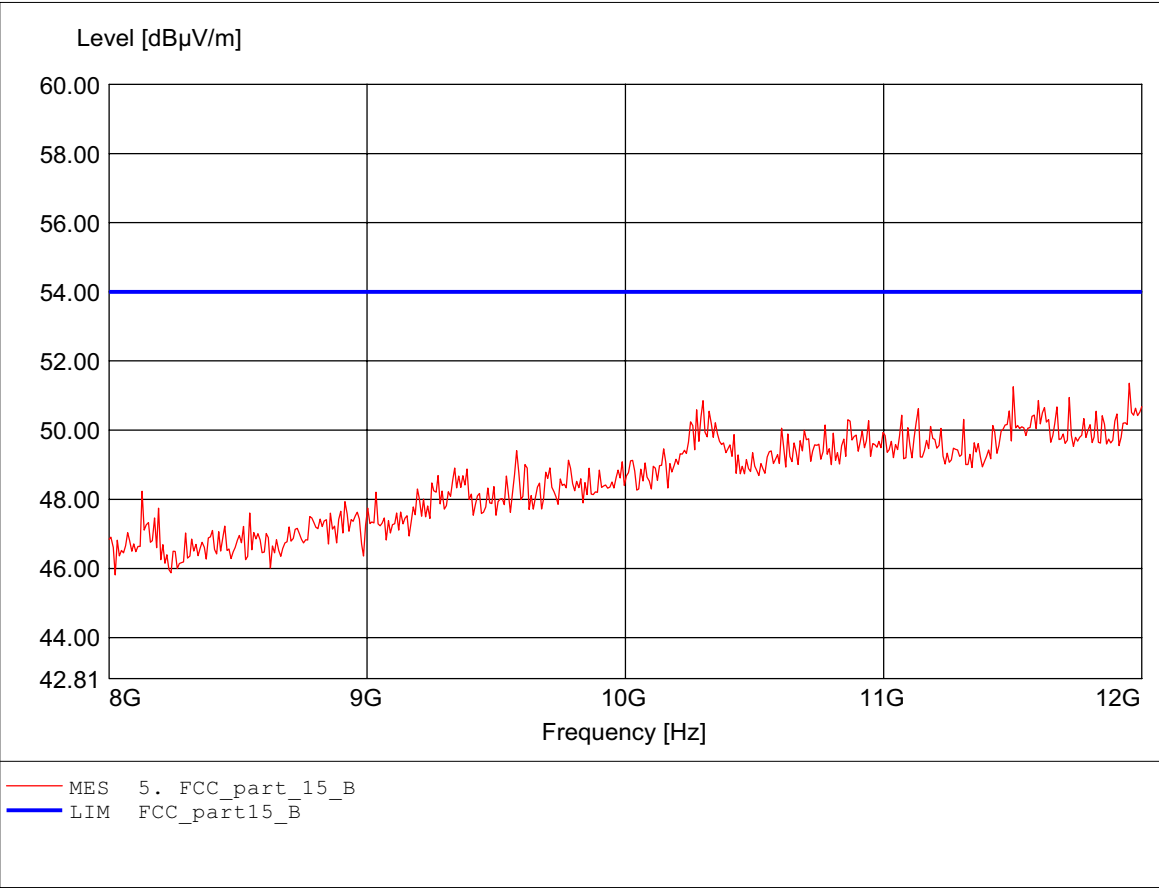
Temperature:: Temp.: 23.9°C

Comment 1: according to subpart B

Dist.: 3m, Ant.: HL25, ampl.

Freq:11.952GHz Emax:51.36dBμV/m RBW: 1 MHz

Voice Recorder



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548

Test Site / Operator: ETS / Jay Chaing

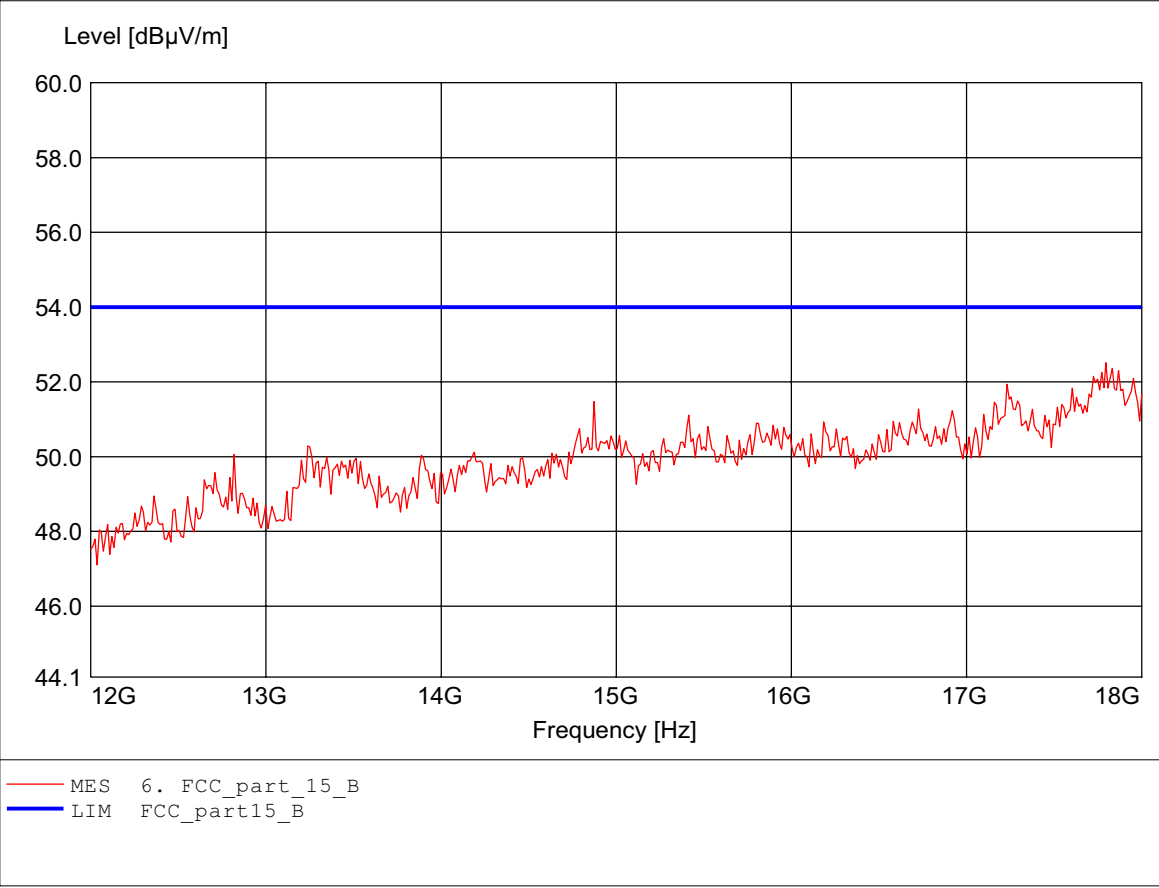
Temperature:: Temp.: 23.9°C

Comment 1: according to subpart B

Dist.: 3m, Ant.: HL25, ampl.

Freq:17.796GHz Emax:52.52dBμV/m RBW: 1 MHz

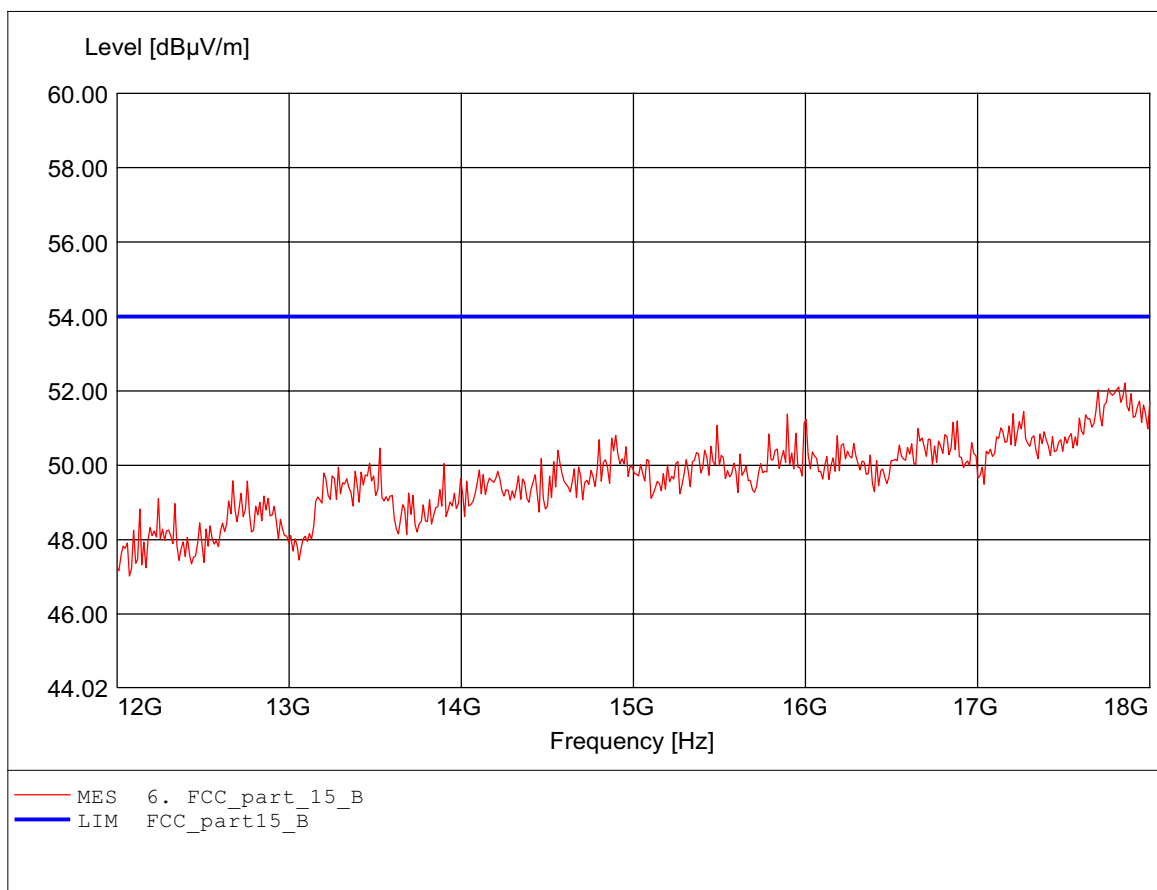
Voice Recorder



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

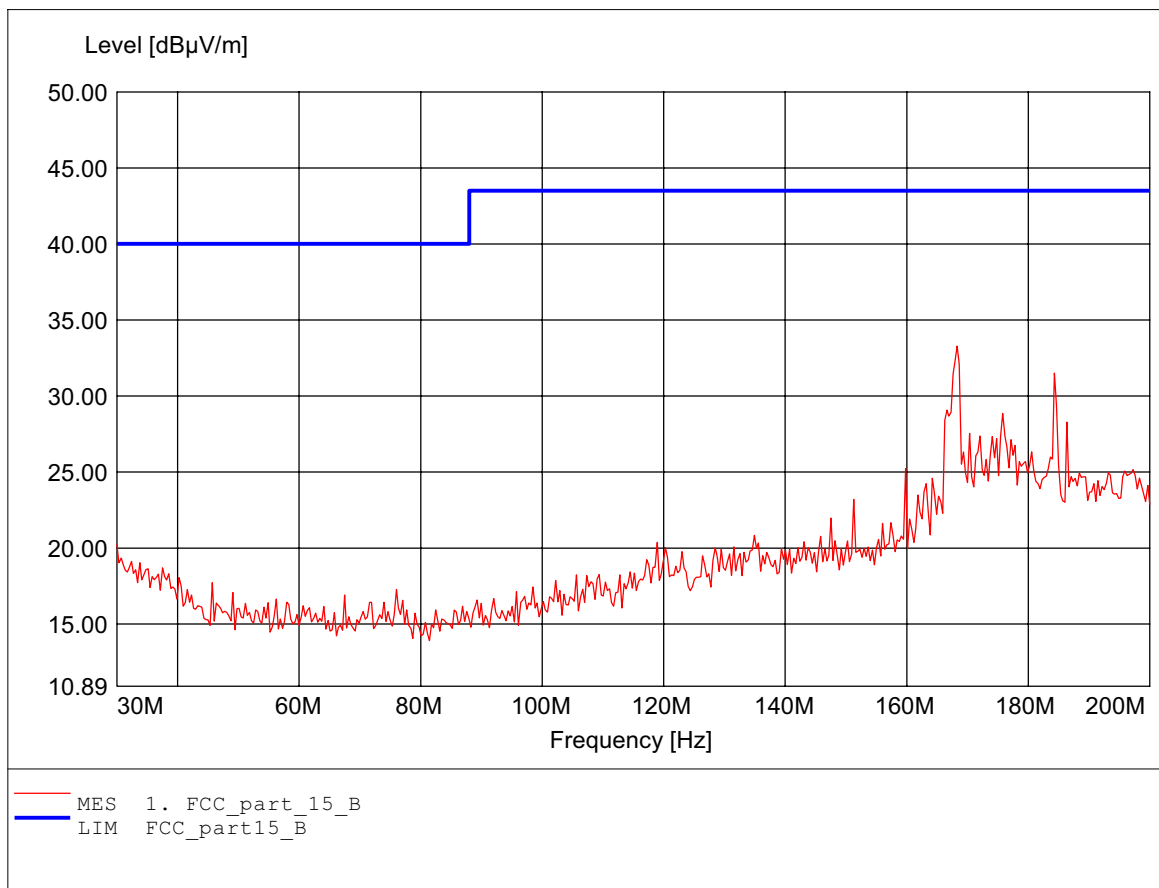
Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.856GHz Emax:52.21dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

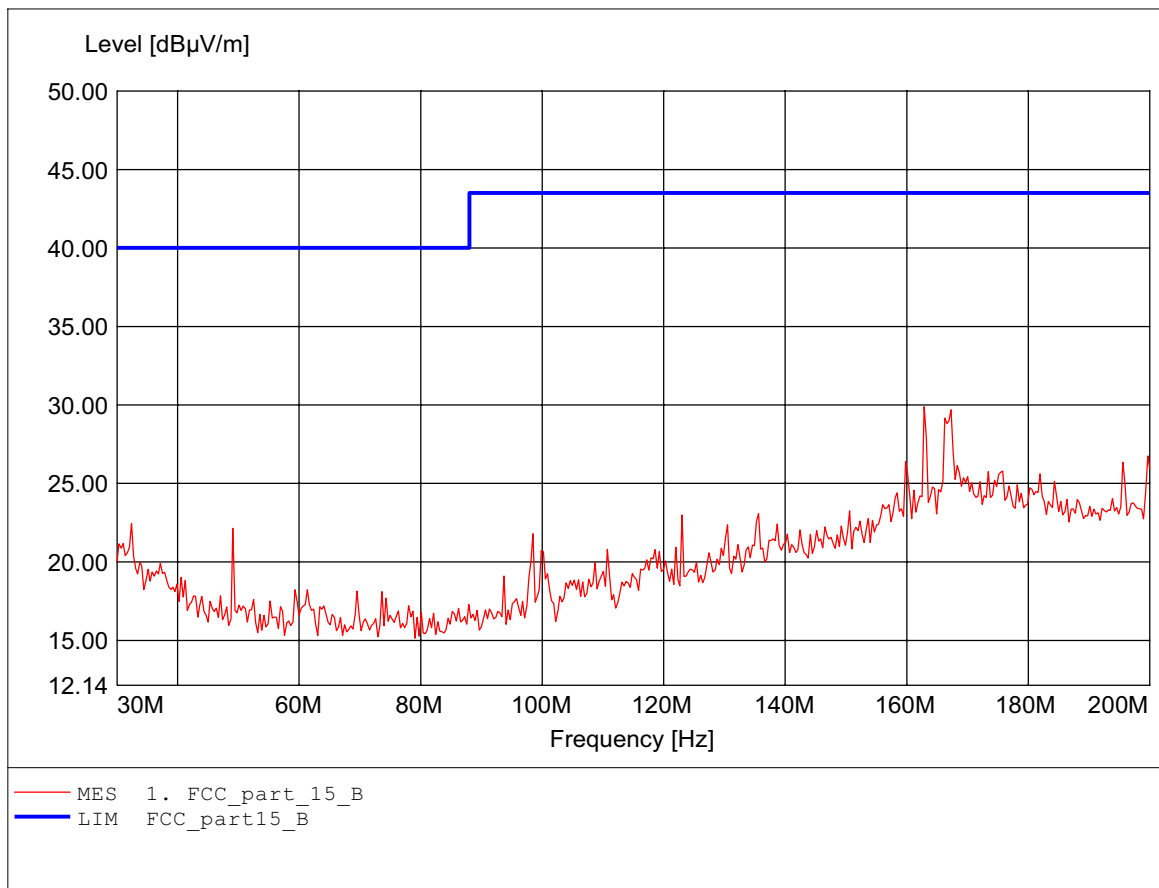
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:168.317MHz Emax:33.28dBµV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

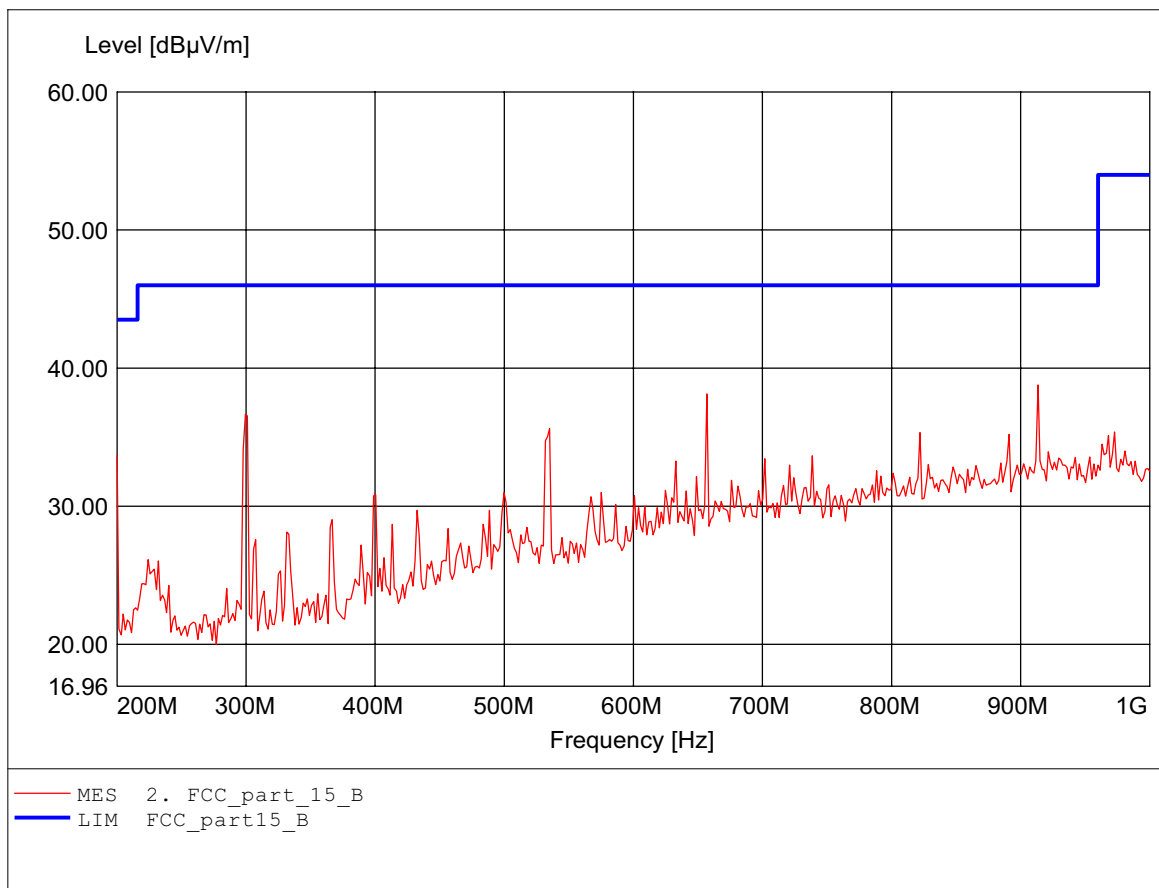
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:162.866MHz Emax:29.88dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

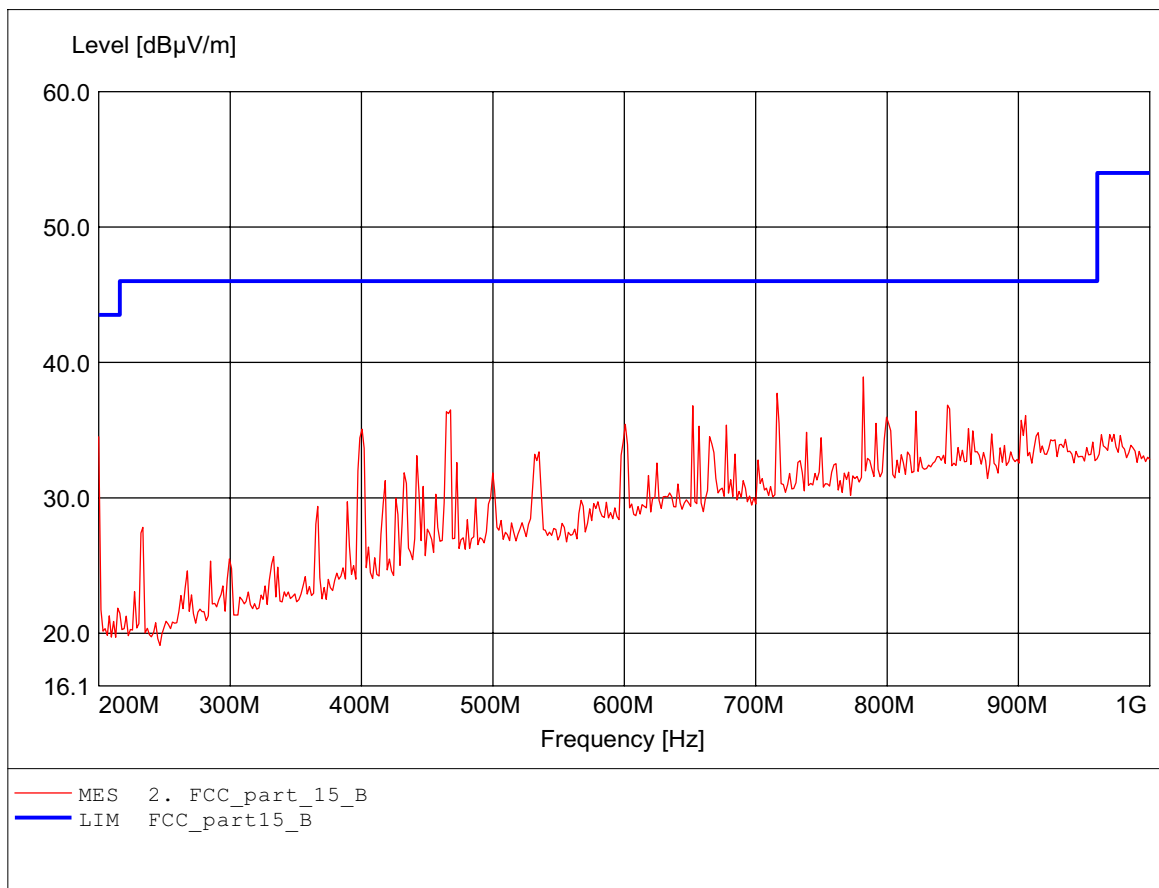
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:913.427MHz Emax:38.79dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

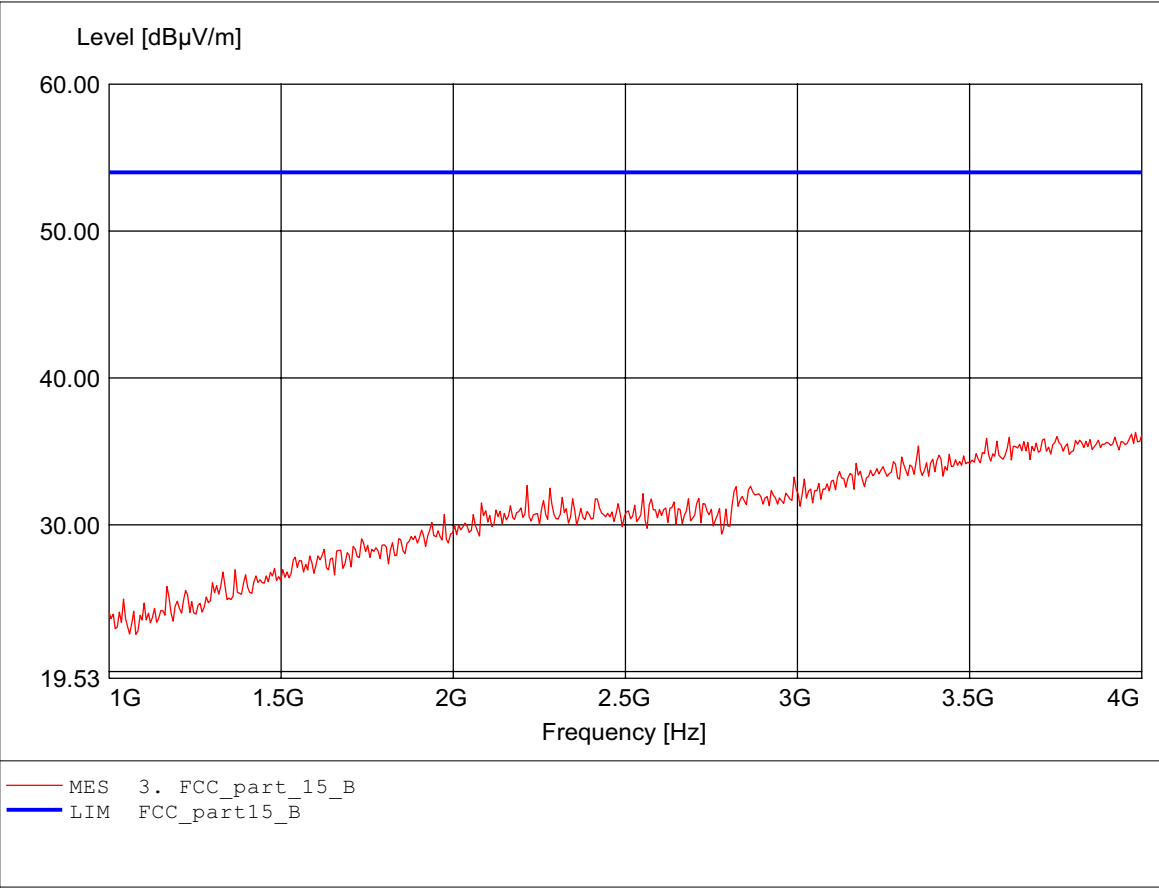
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:781.964MHz Emax:38.94dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

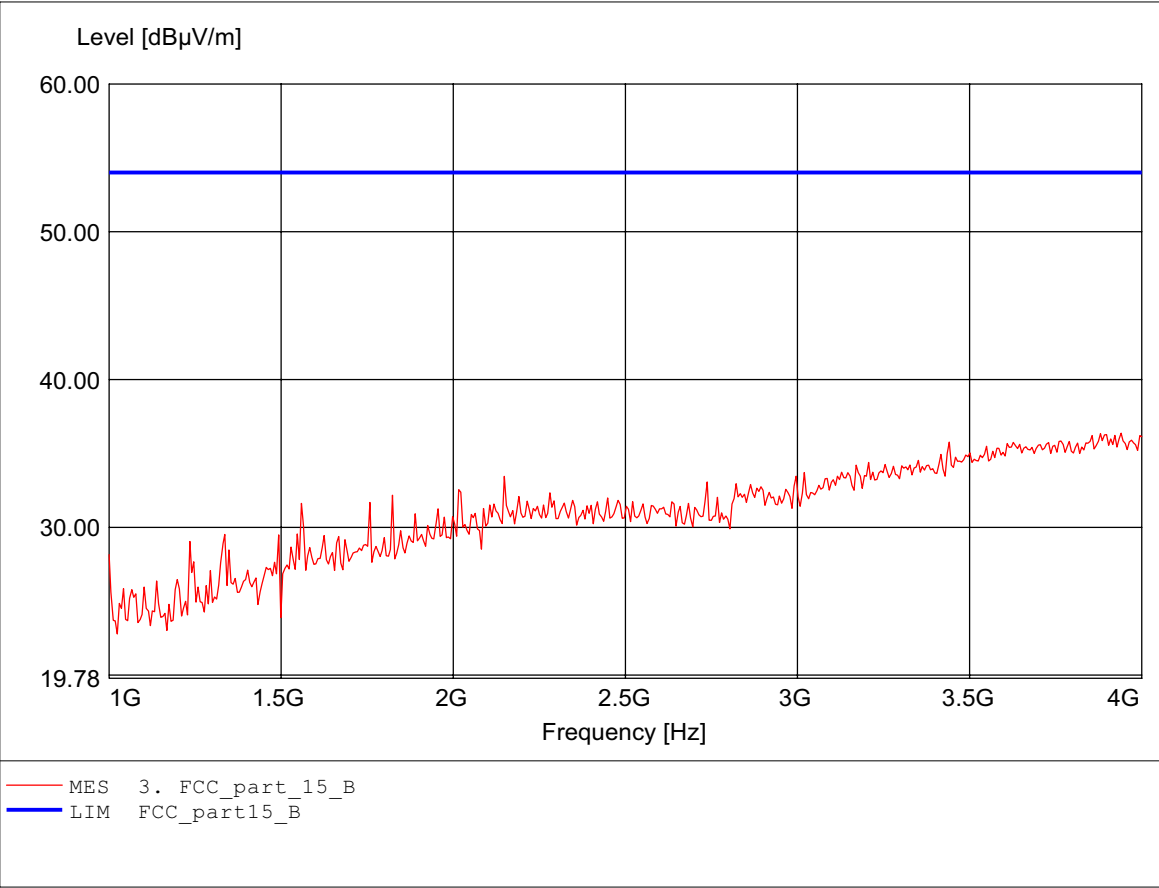
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.982GHz Emax:36.28dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

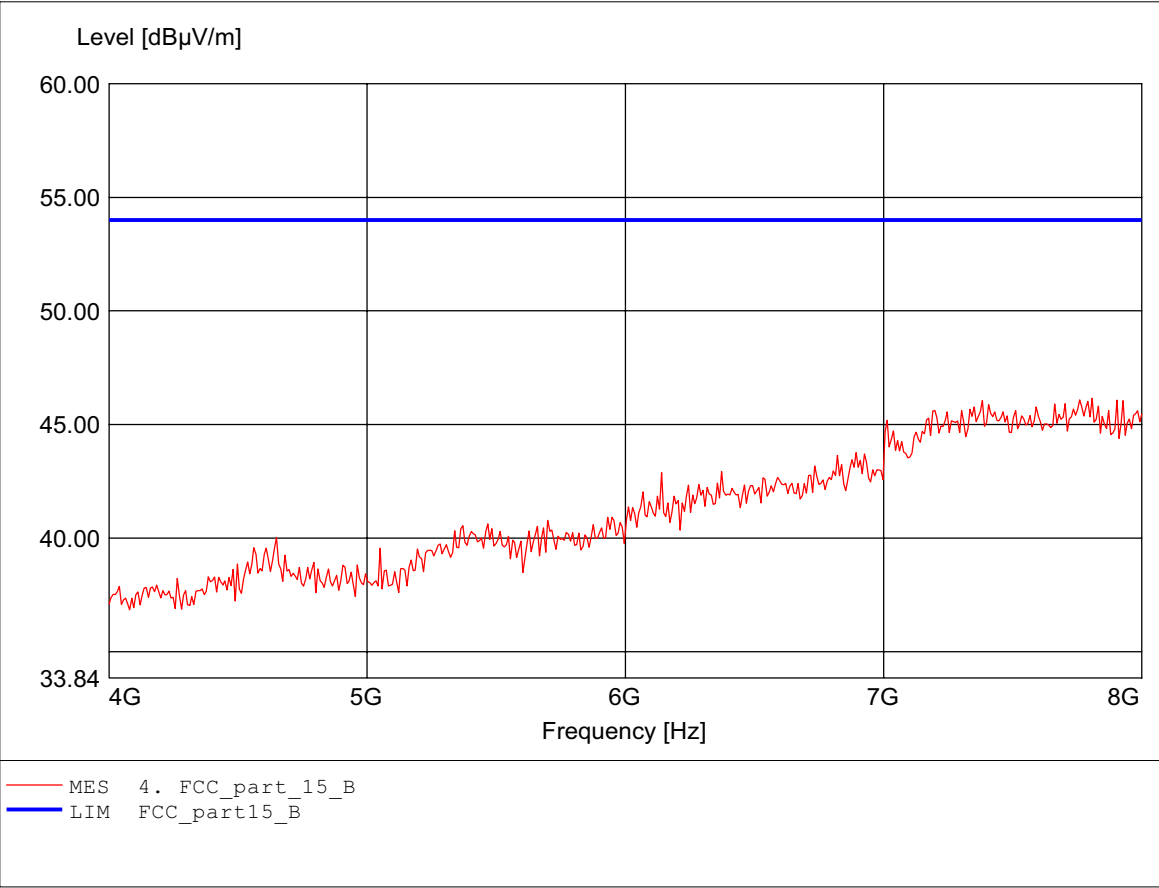
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.940GHz Emax:36.37dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

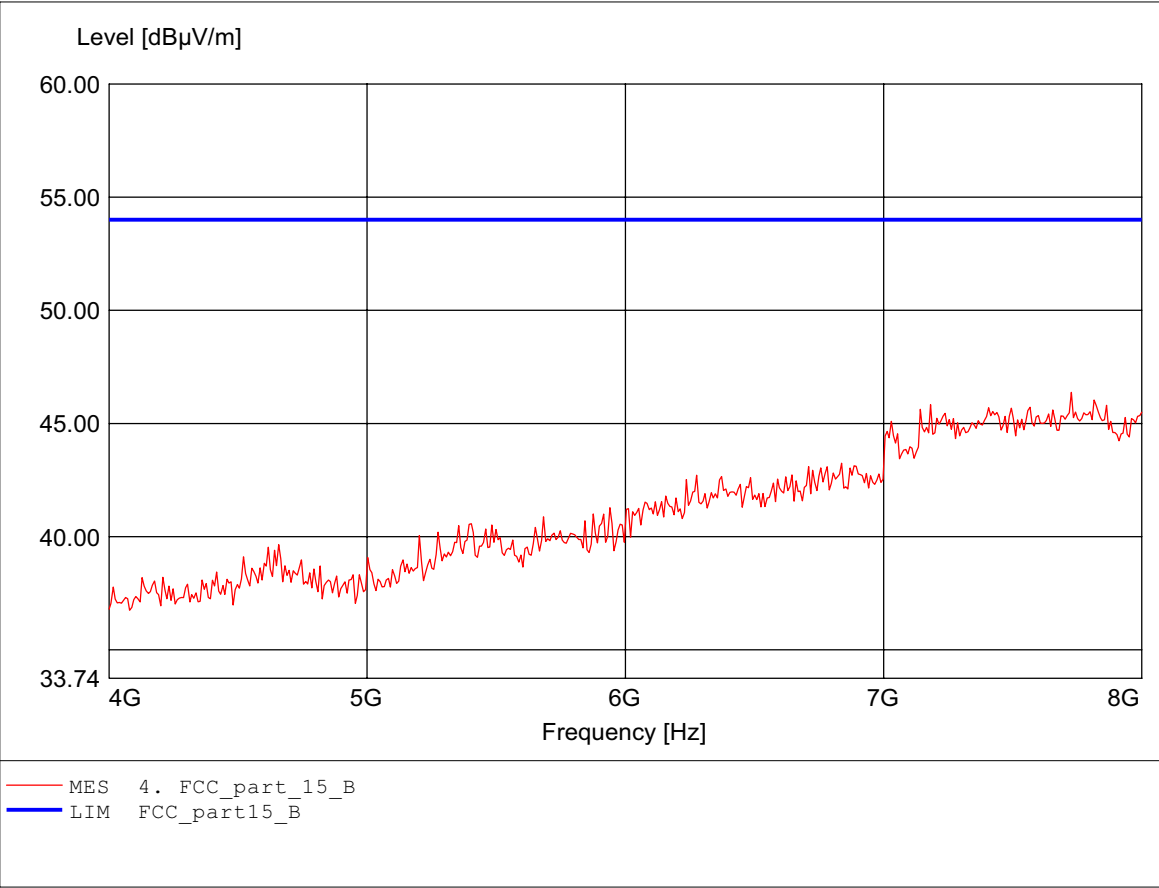
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.808GHz Emax:46.16dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

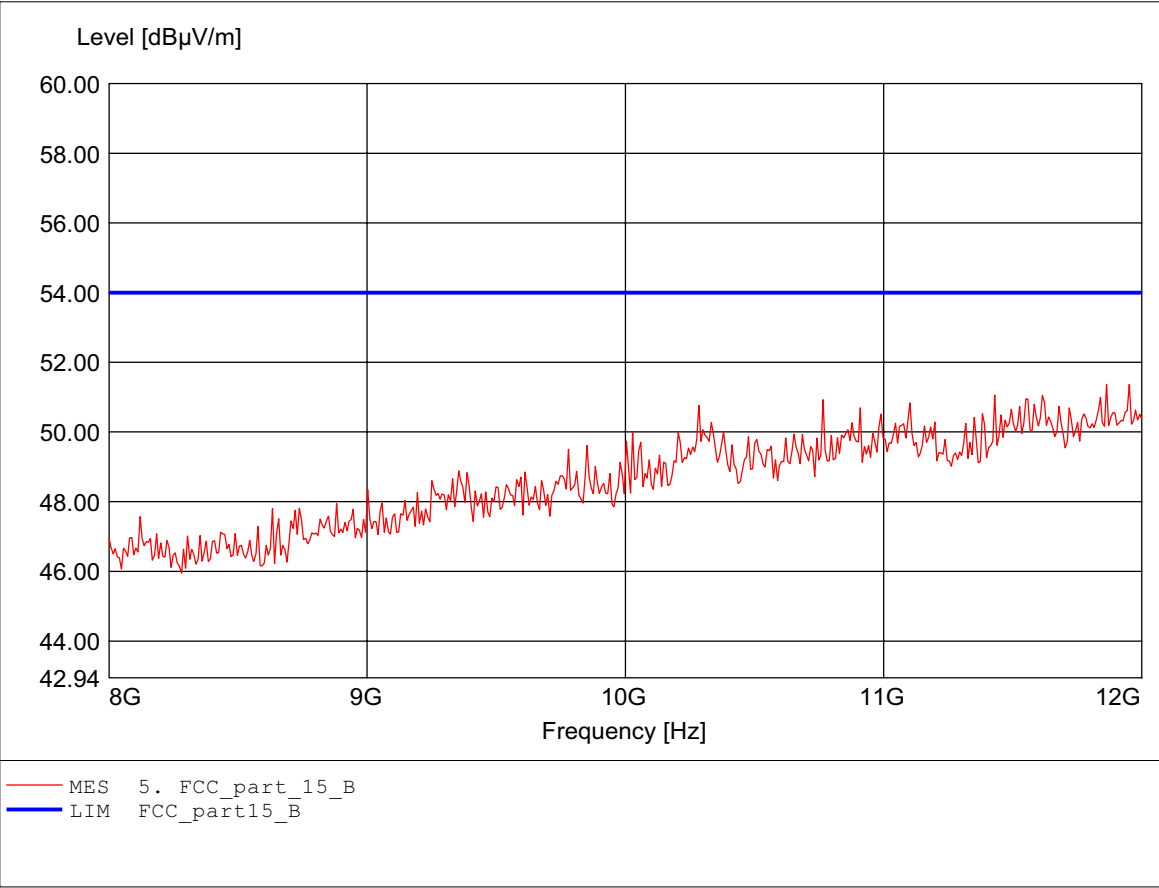
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.727GHz Emax:46.38dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

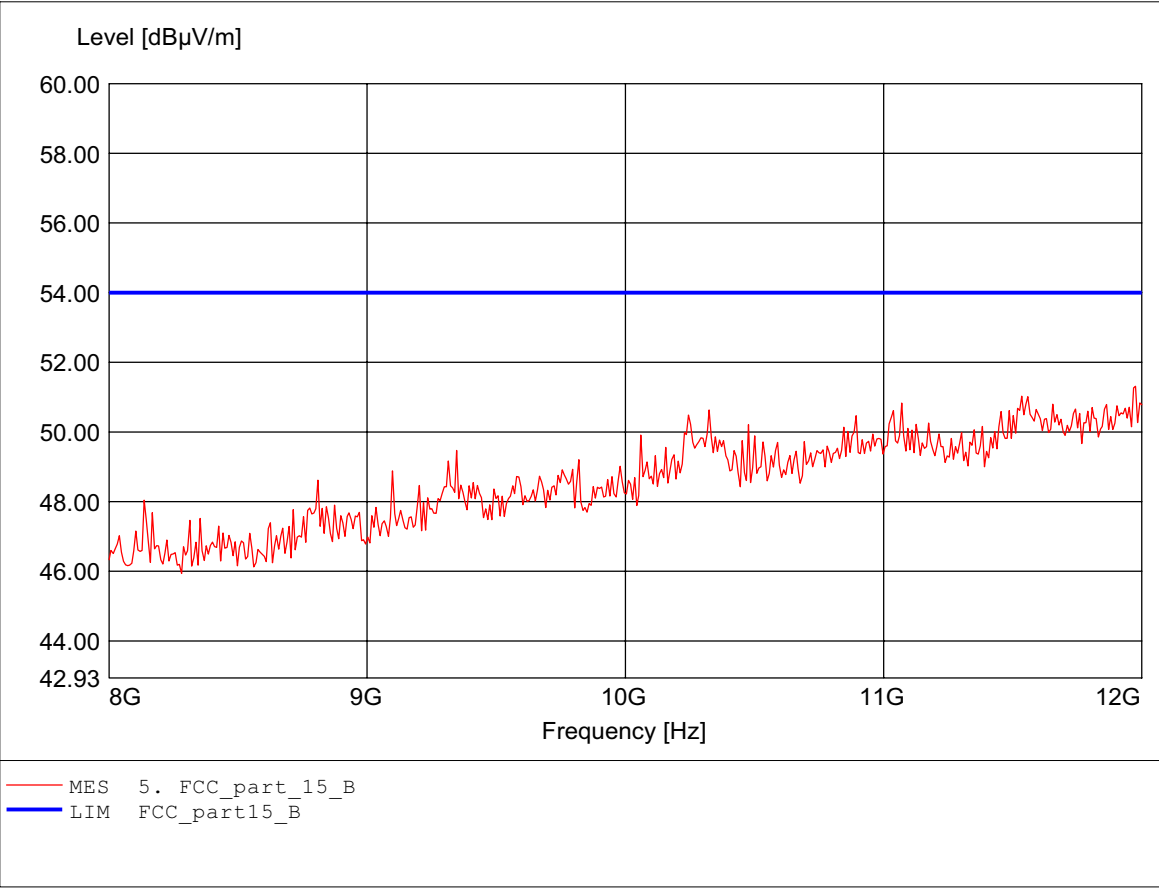
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.864GHz Emax:51.36dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

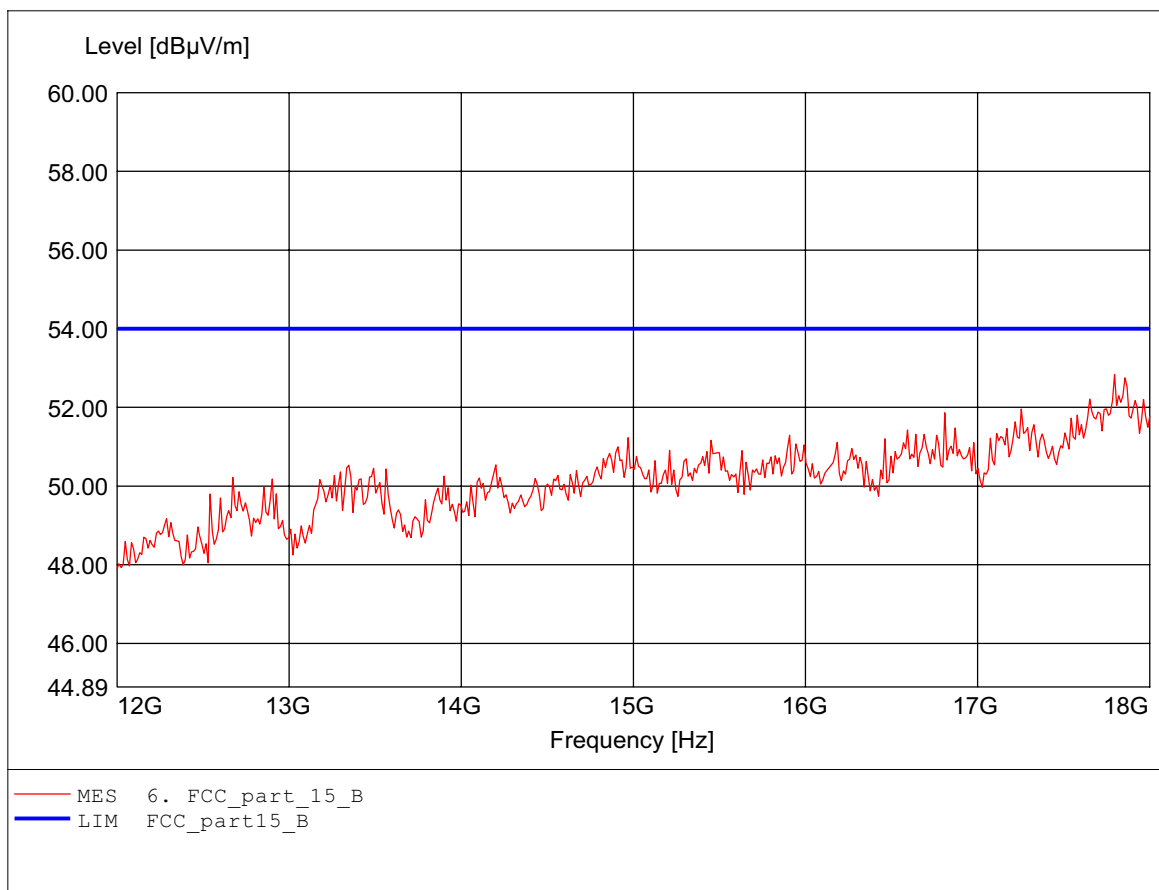
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.976GHz Emax:51.31dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

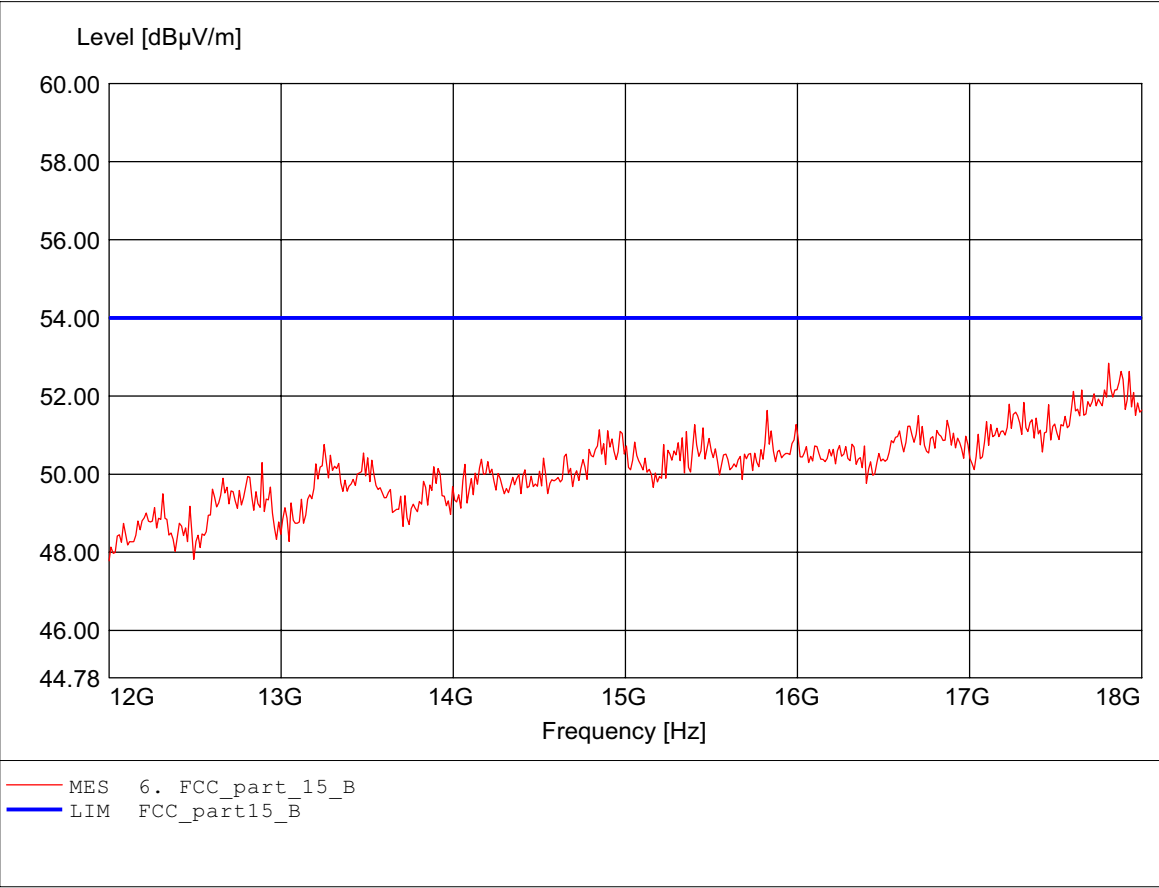
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.796GHz Emax:52.84dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

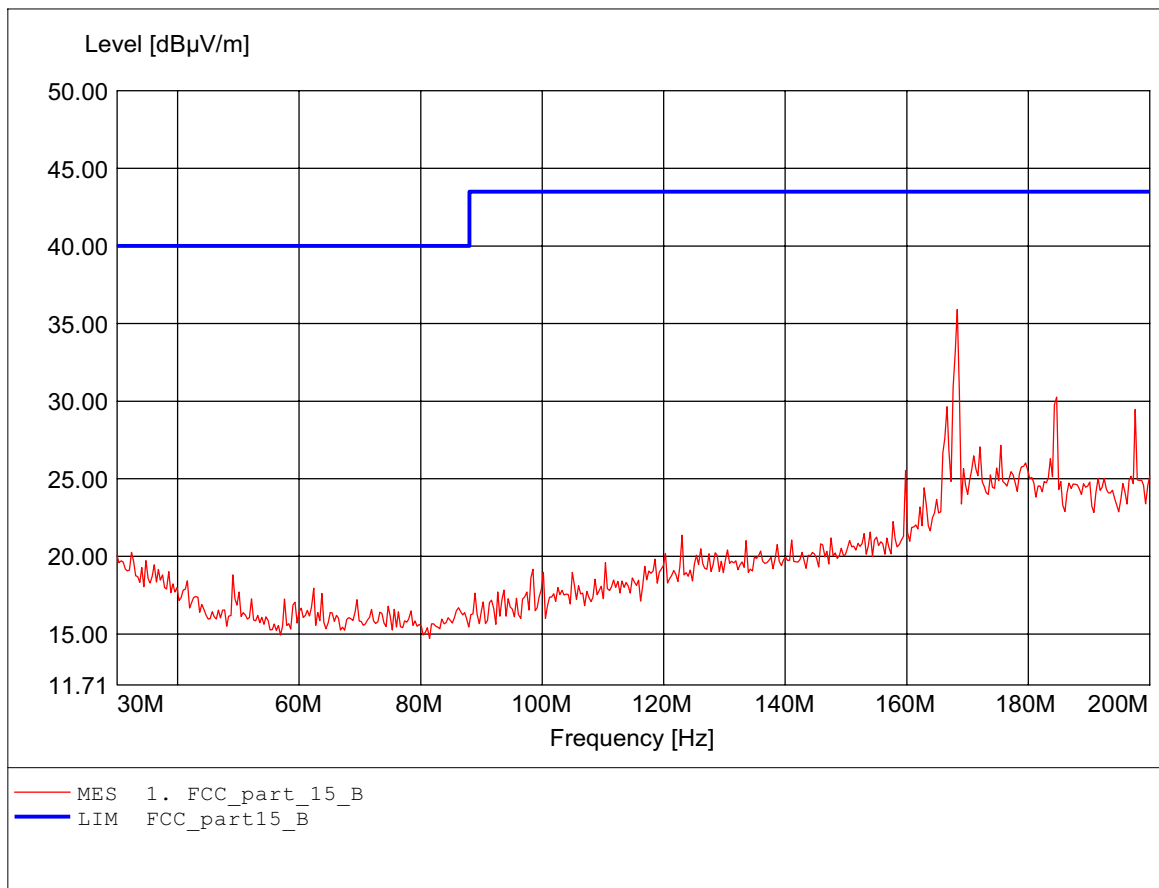
Order Number : W6M20611-7548 (channel low)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.808GHz Emax:52.84dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

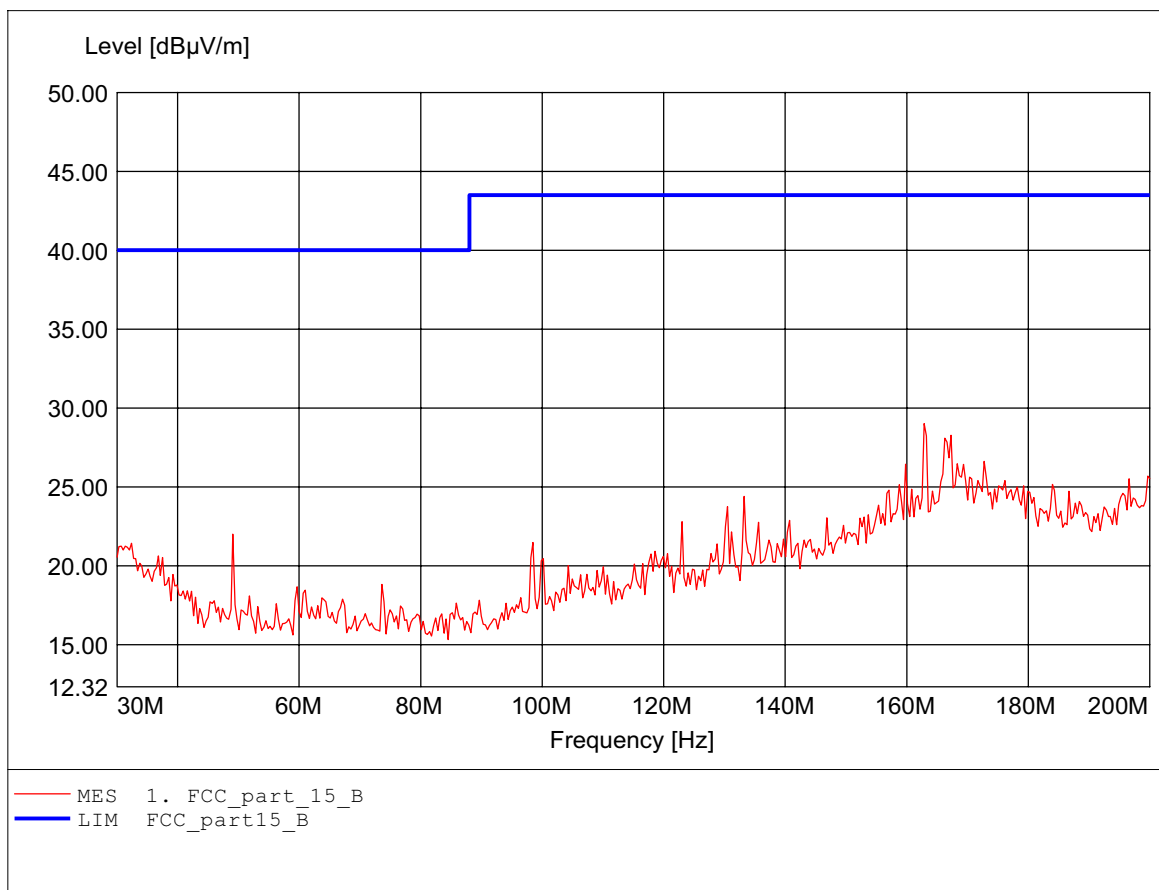
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:168.317MHz Emax:35.90dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

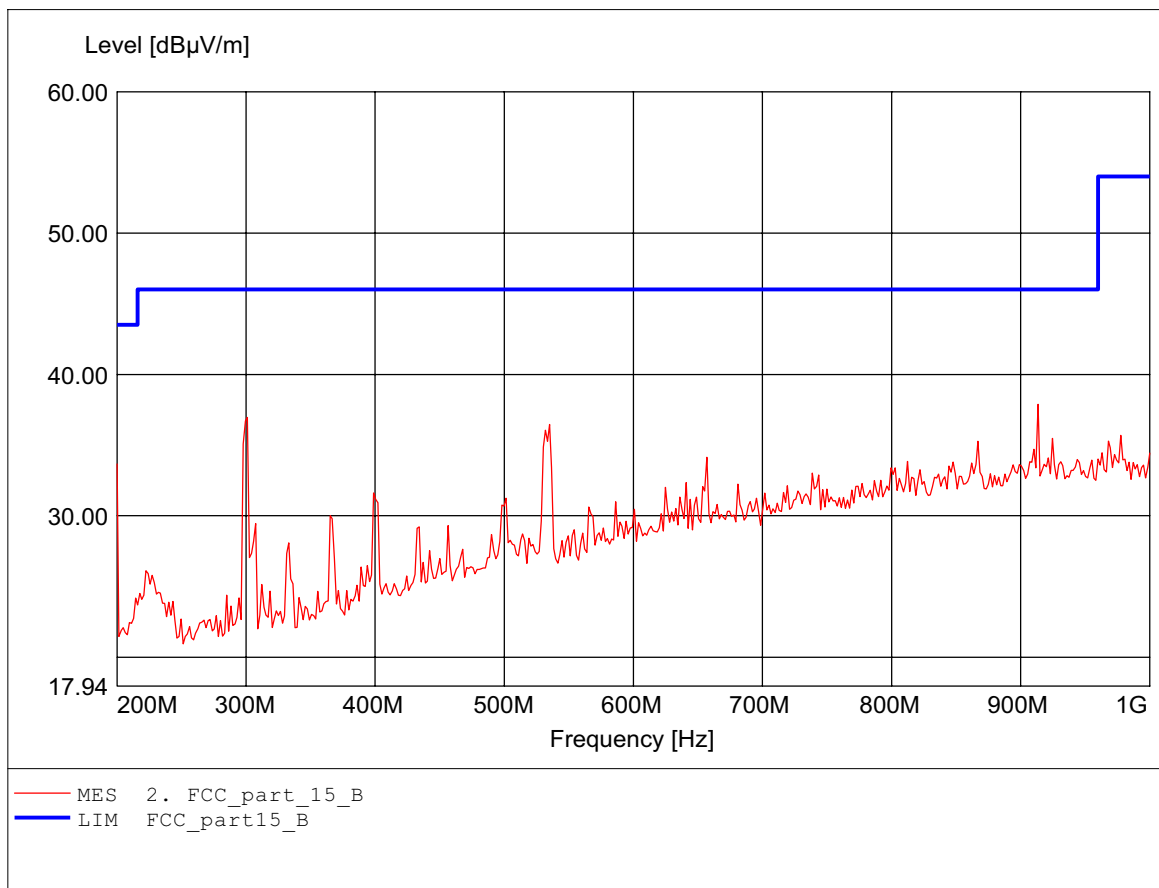
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:162.866MHz Emax:29.02dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

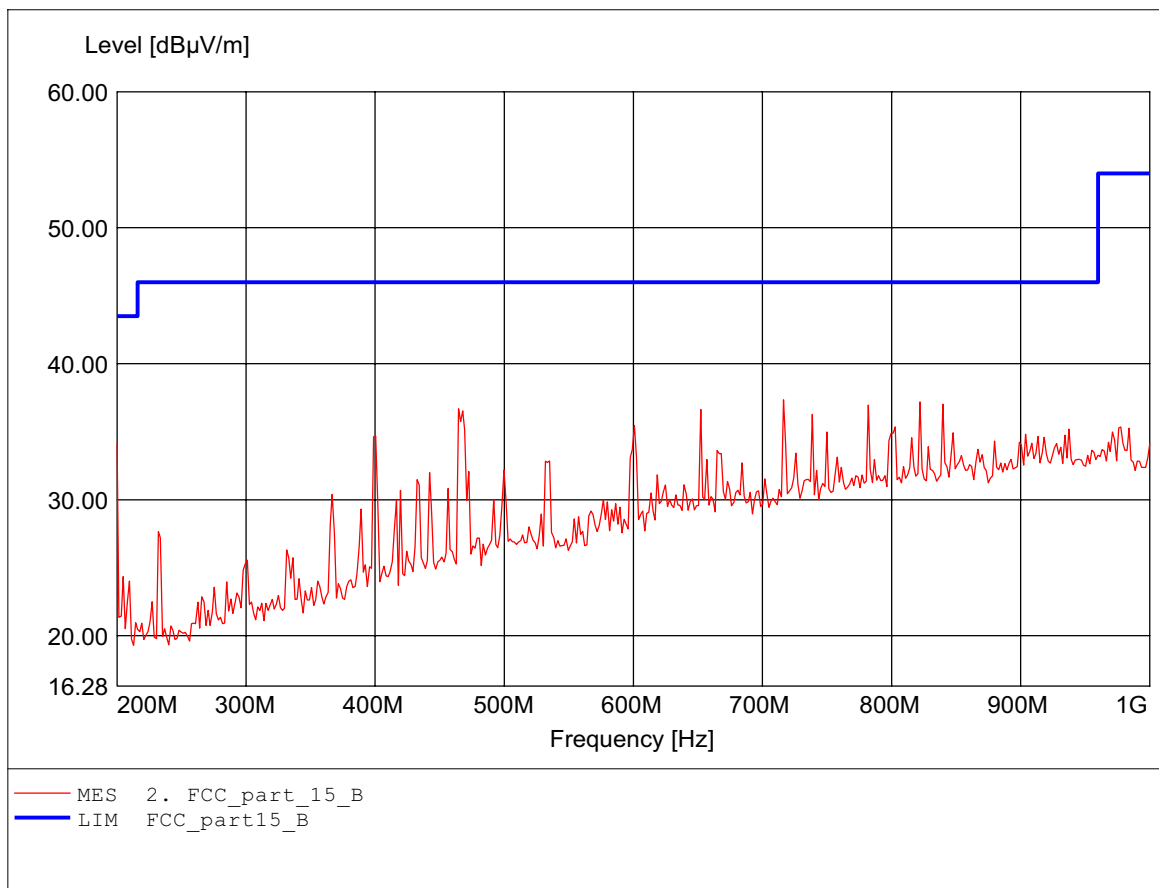
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:913.427MHz Emax:37.89dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

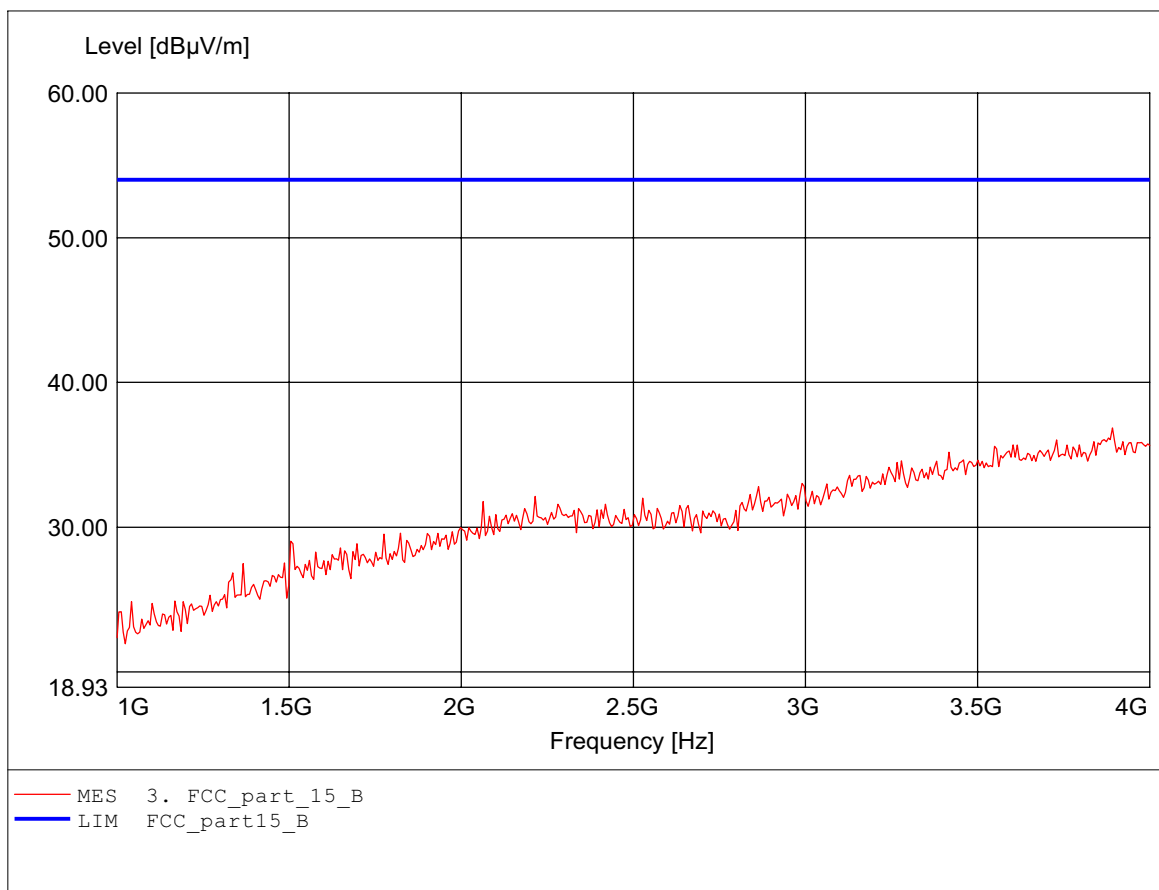
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:716.232MHz Emax:37.35dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

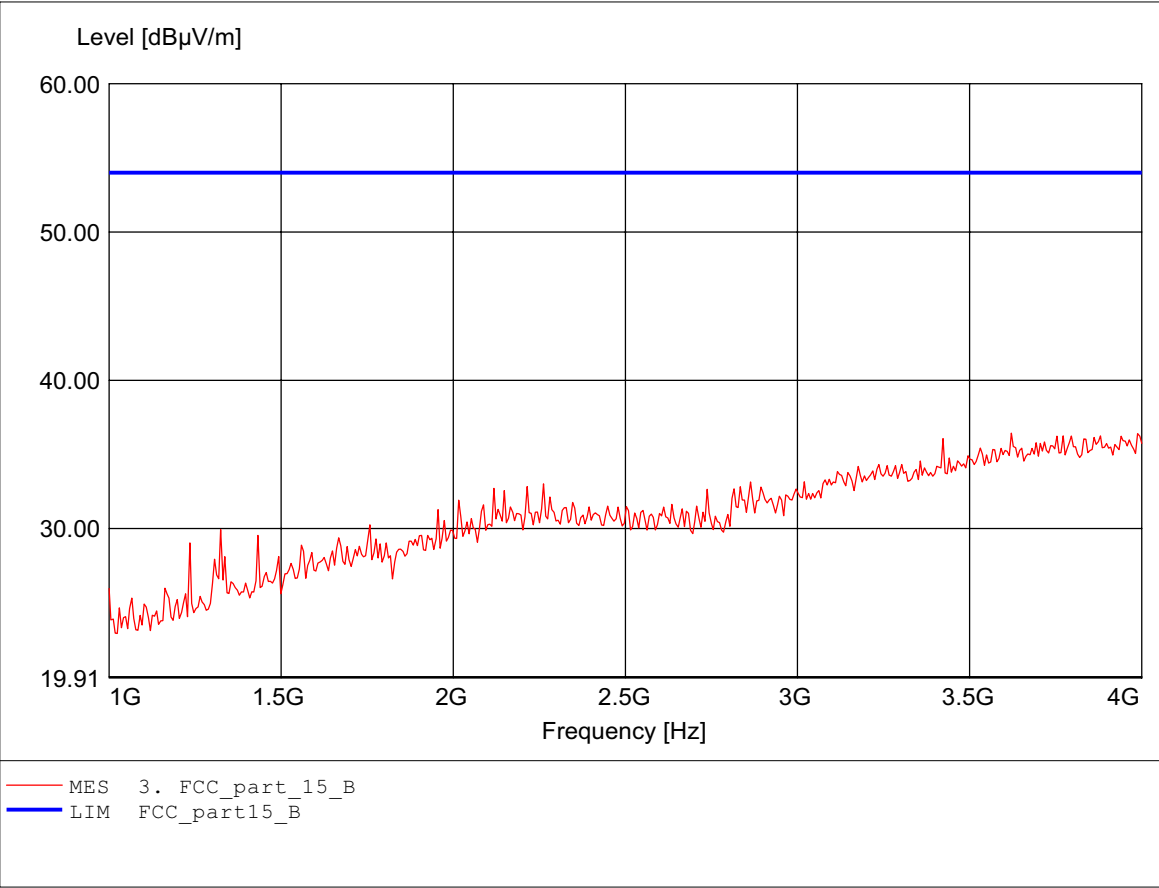
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.892GHz Emax:36.86dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

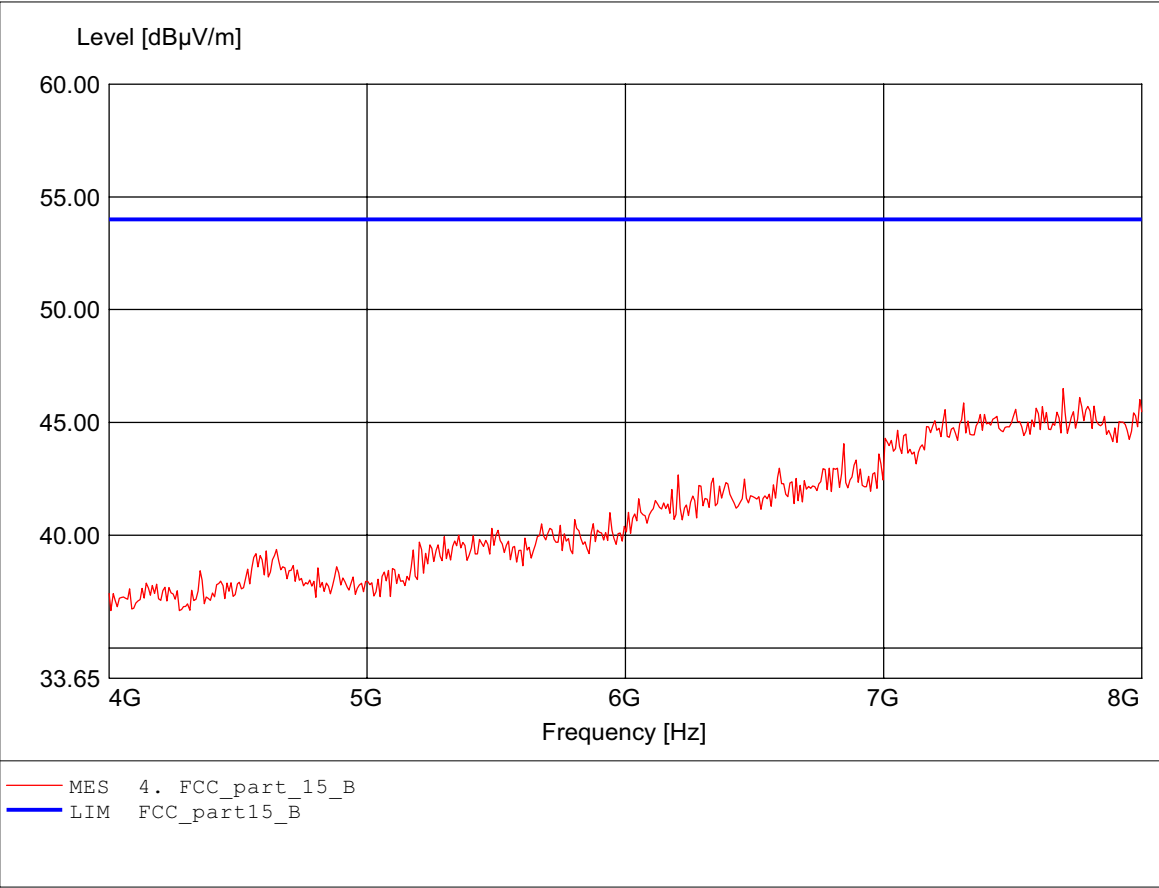
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.621GHz Emax:36.43dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

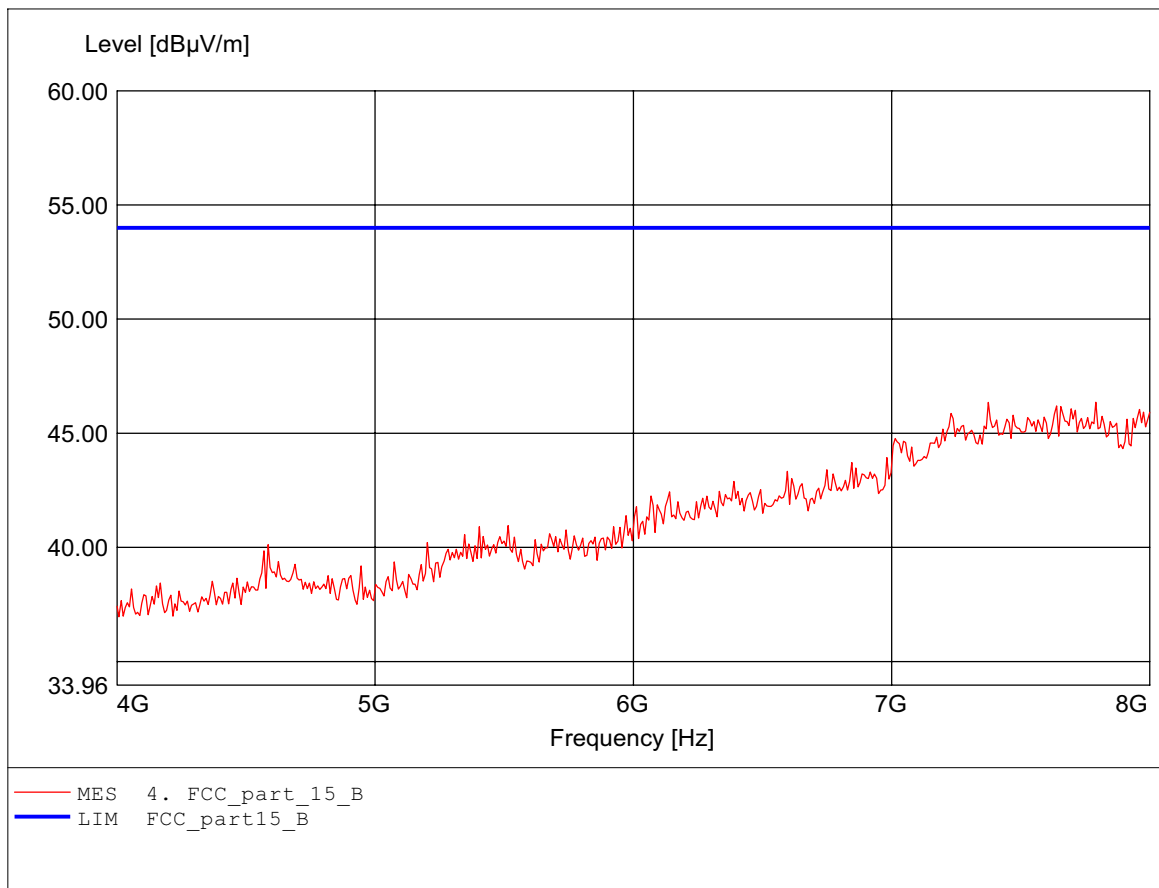
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.695GHz Emax:46.50dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

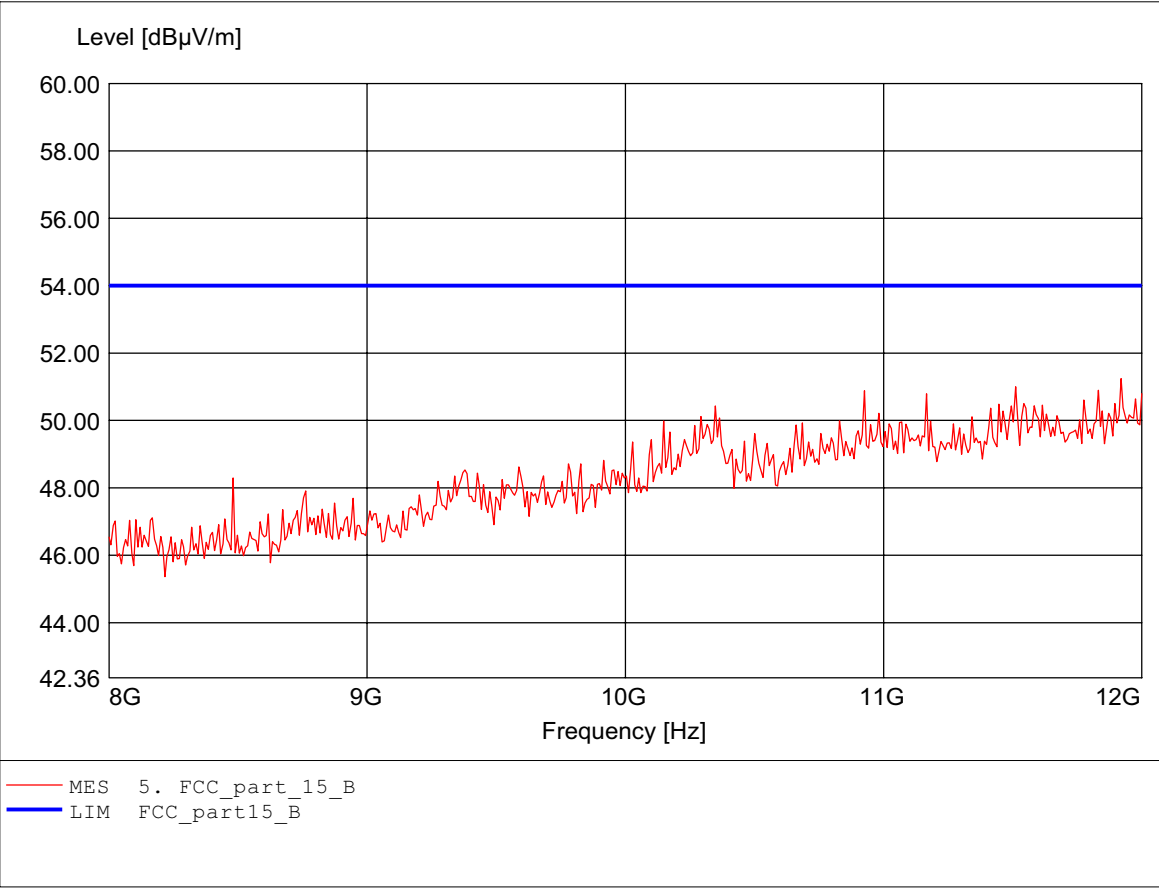
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.792GHz Emax:46.36dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

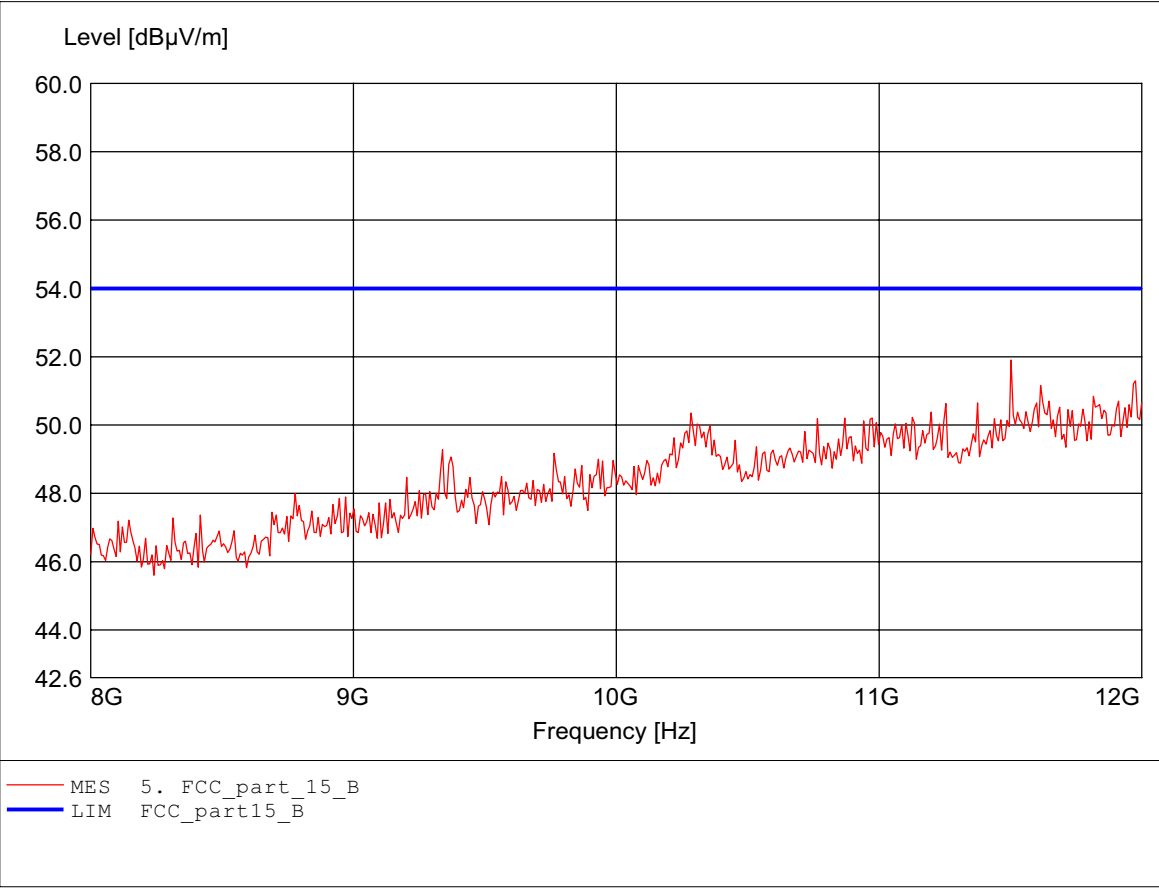
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.920GHz Emax:51.25dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

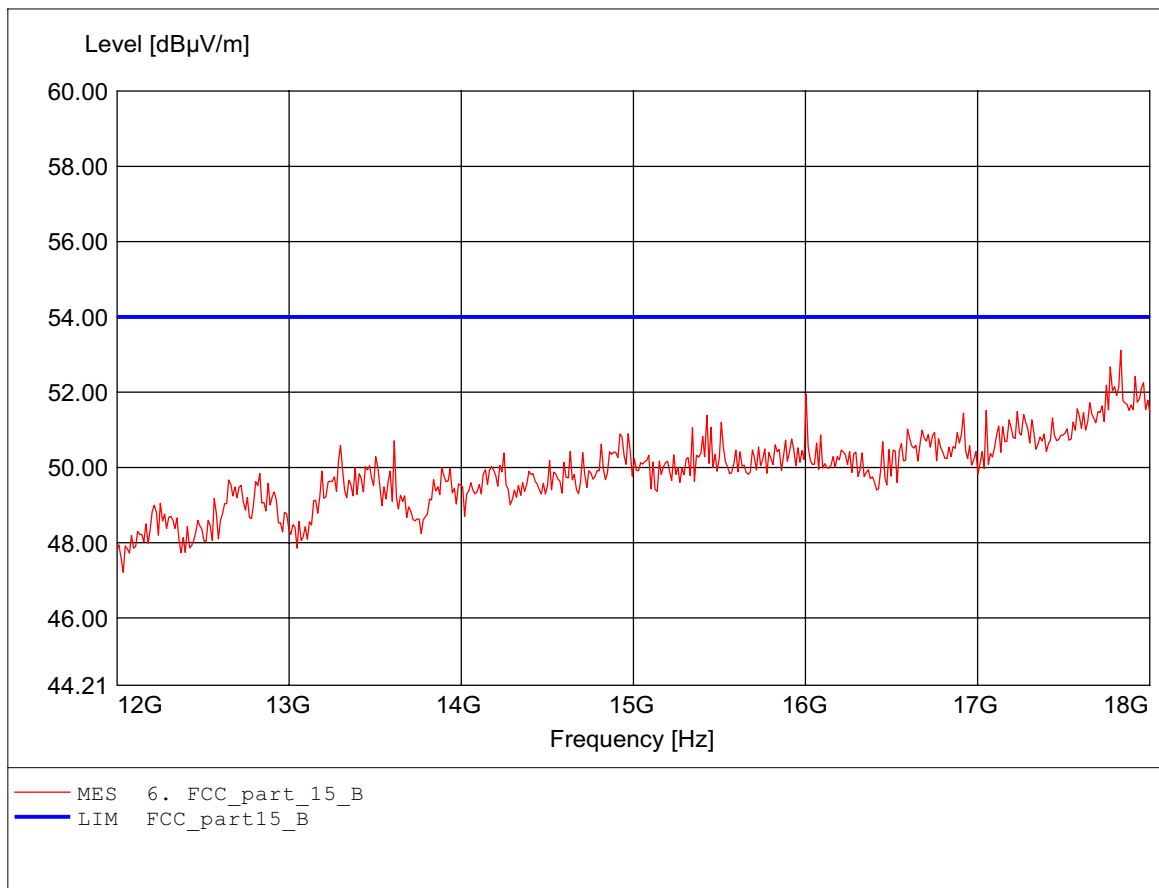
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.503GHz Emax:51.90dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

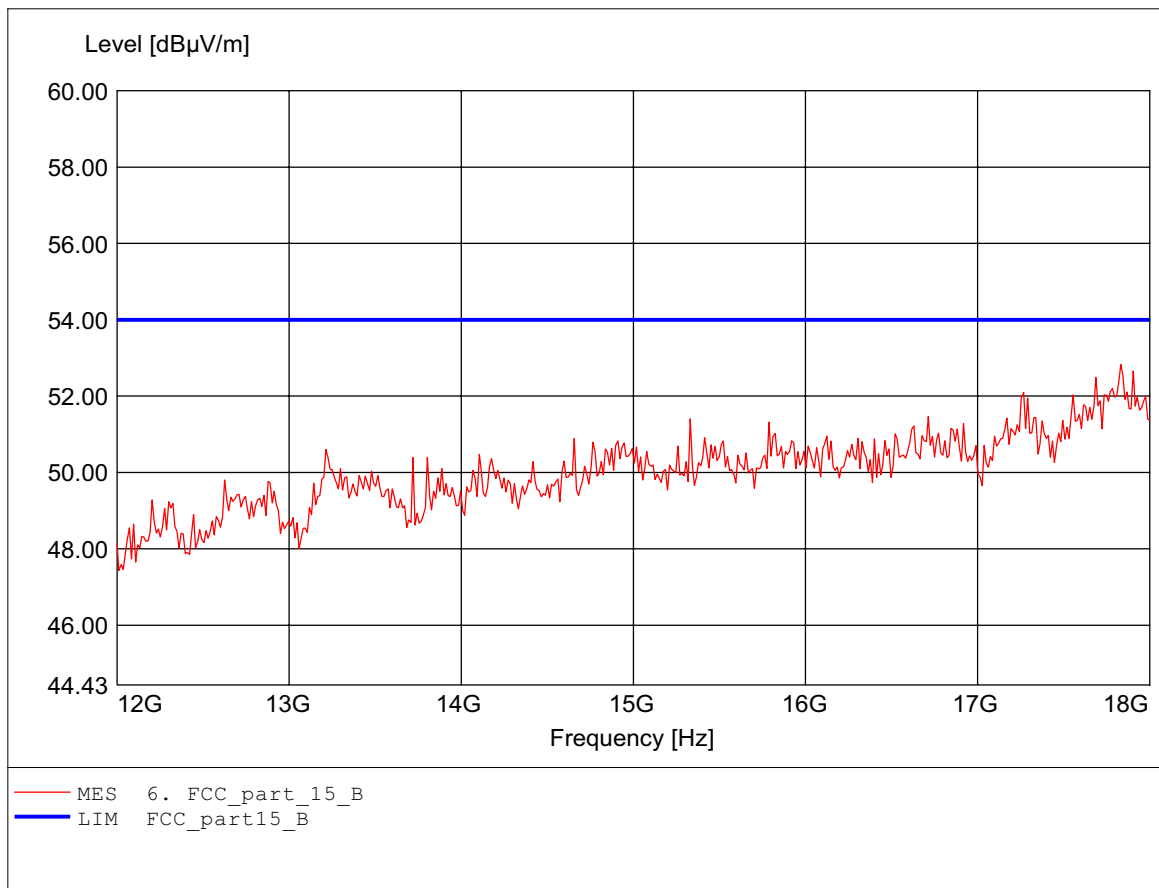
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.832GHz Emax:53.11dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

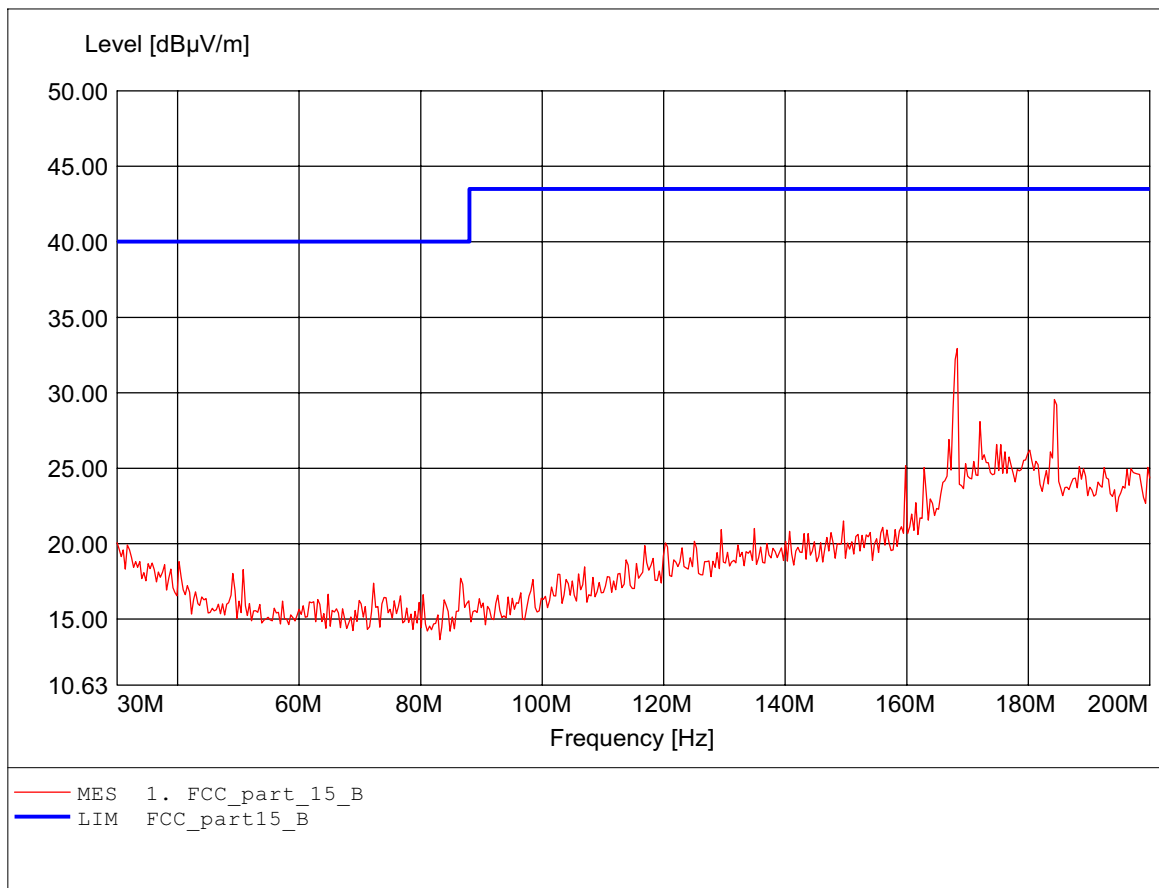
Order Number : W6M20611-7548 (channel middle)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.832GHz Emax:52.83dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

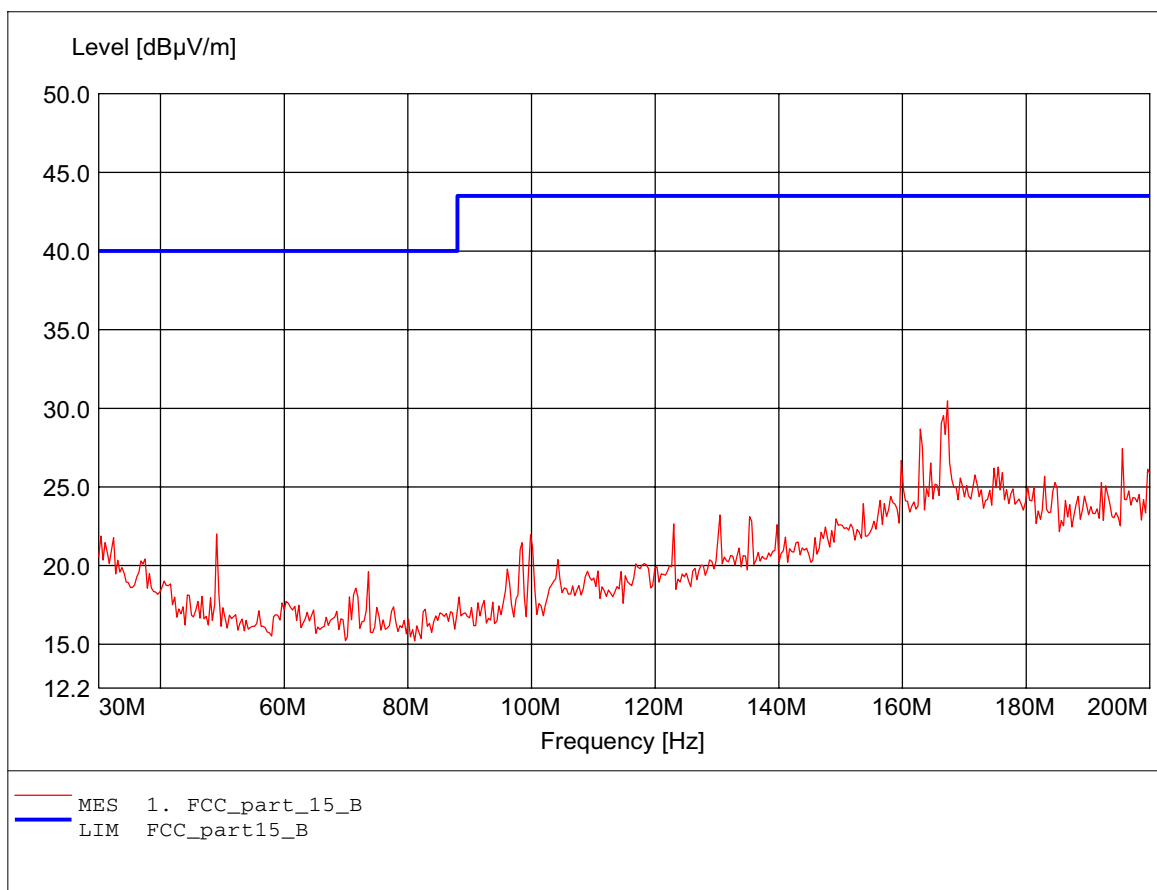
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:168.317MHz Emax:32.94dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

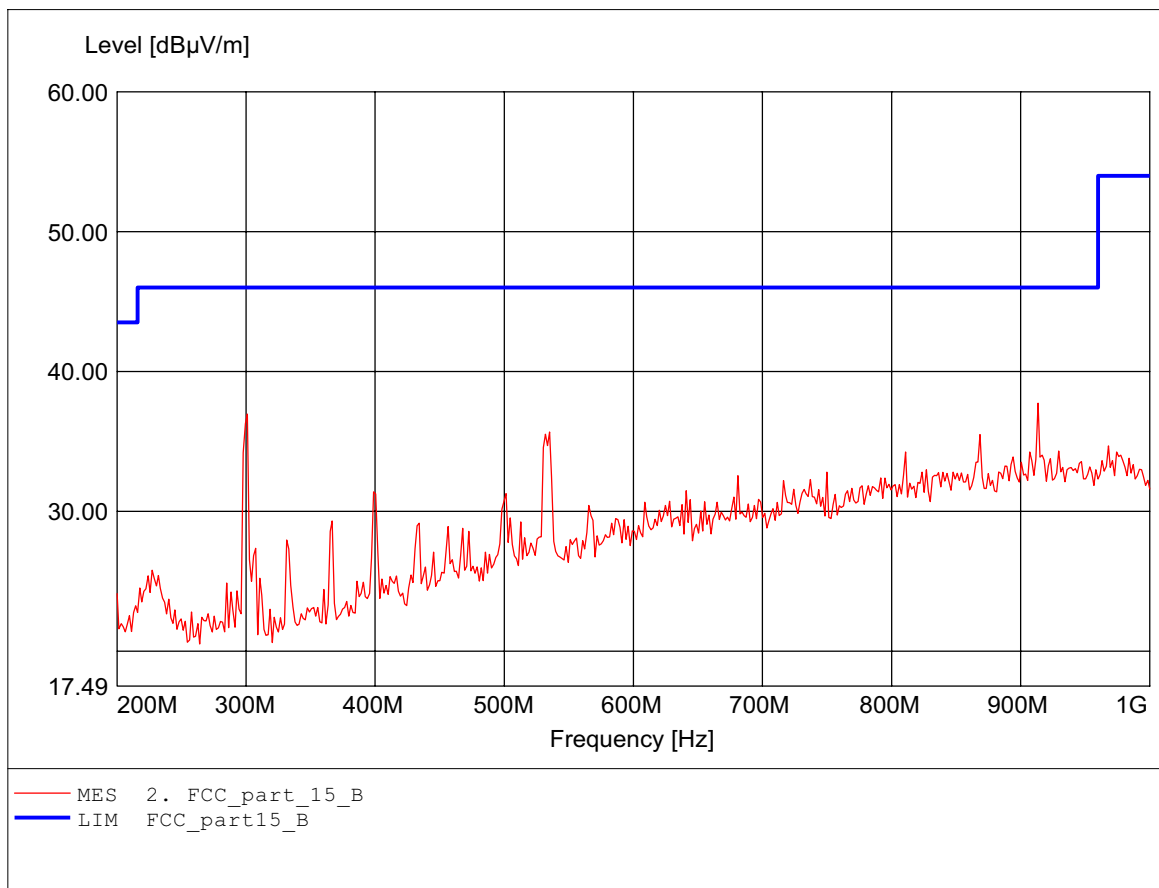
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:167.295MHz Emax:30.47dBµV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

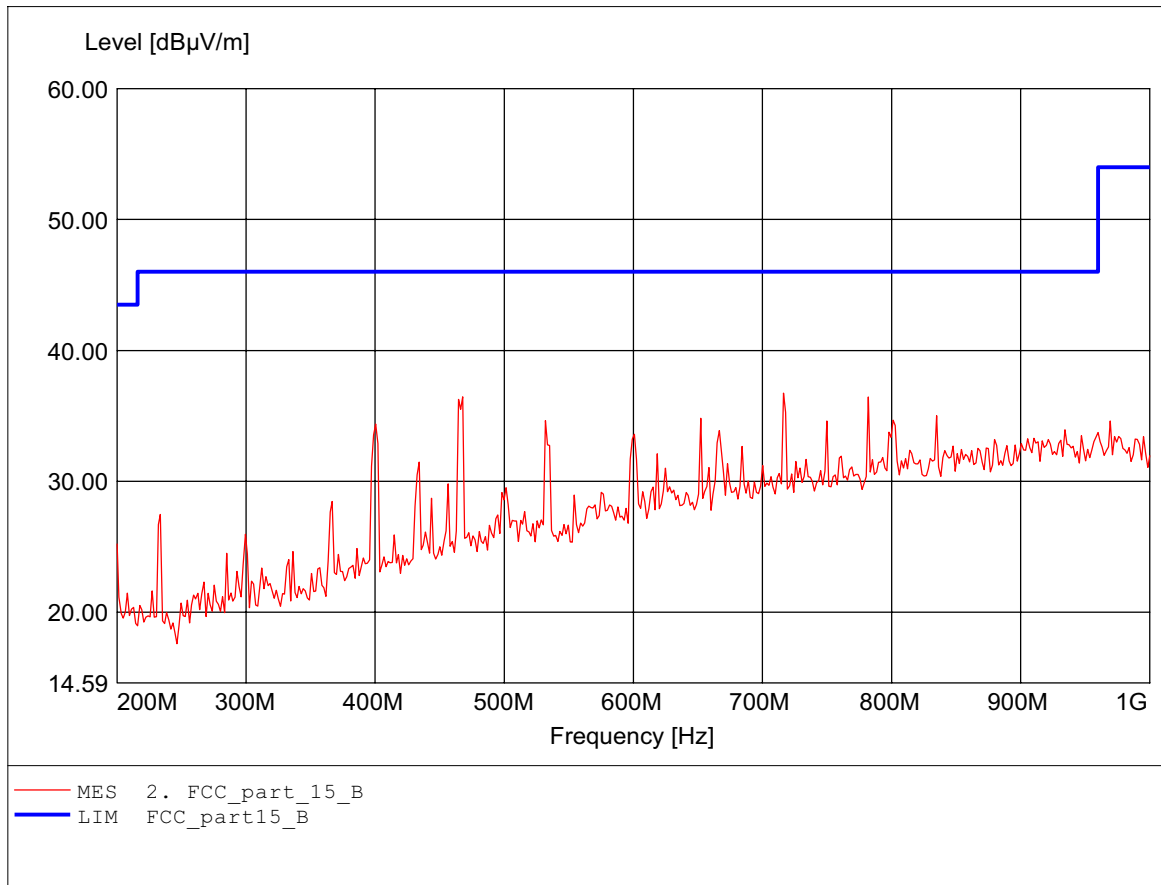
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:913.427MHz Emax:37.73dBμV/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

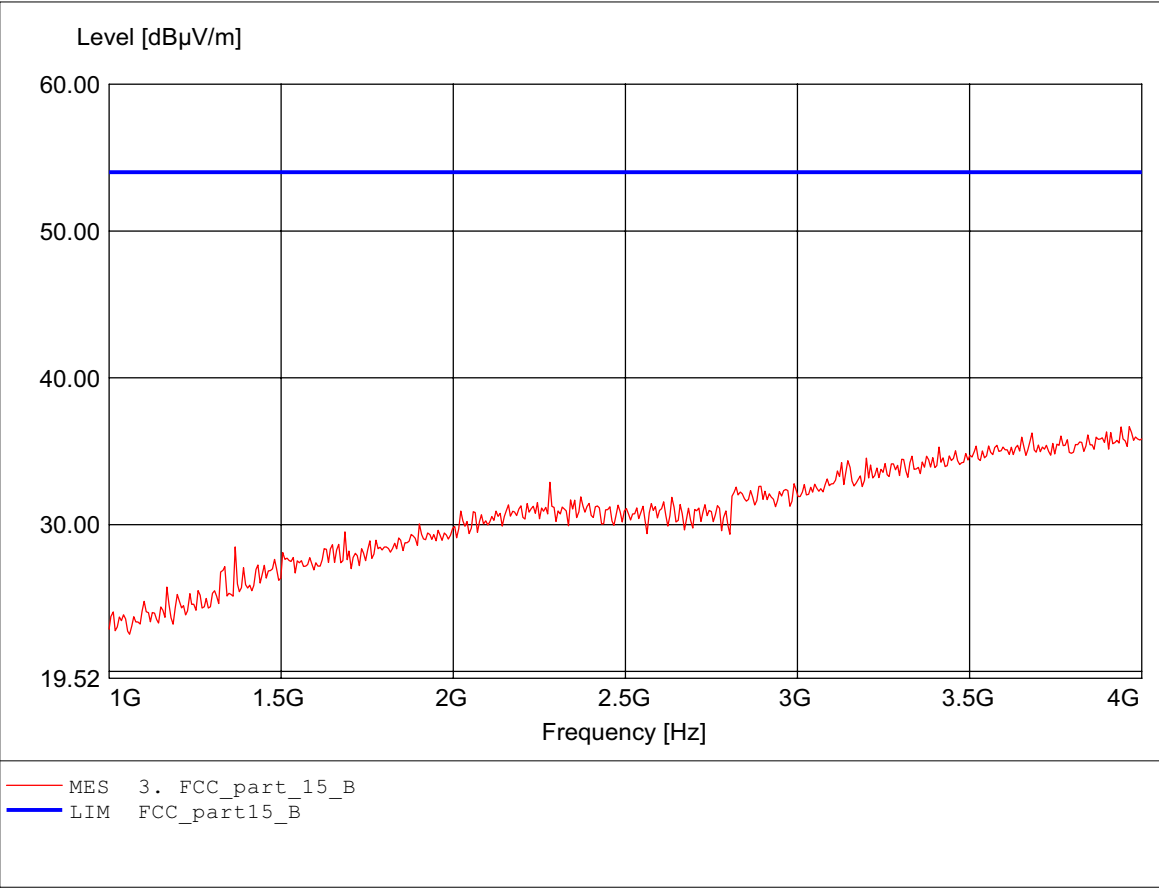
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Freq:716.232MHz Emax:36.73dB μ V/m RBW: 100 kHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

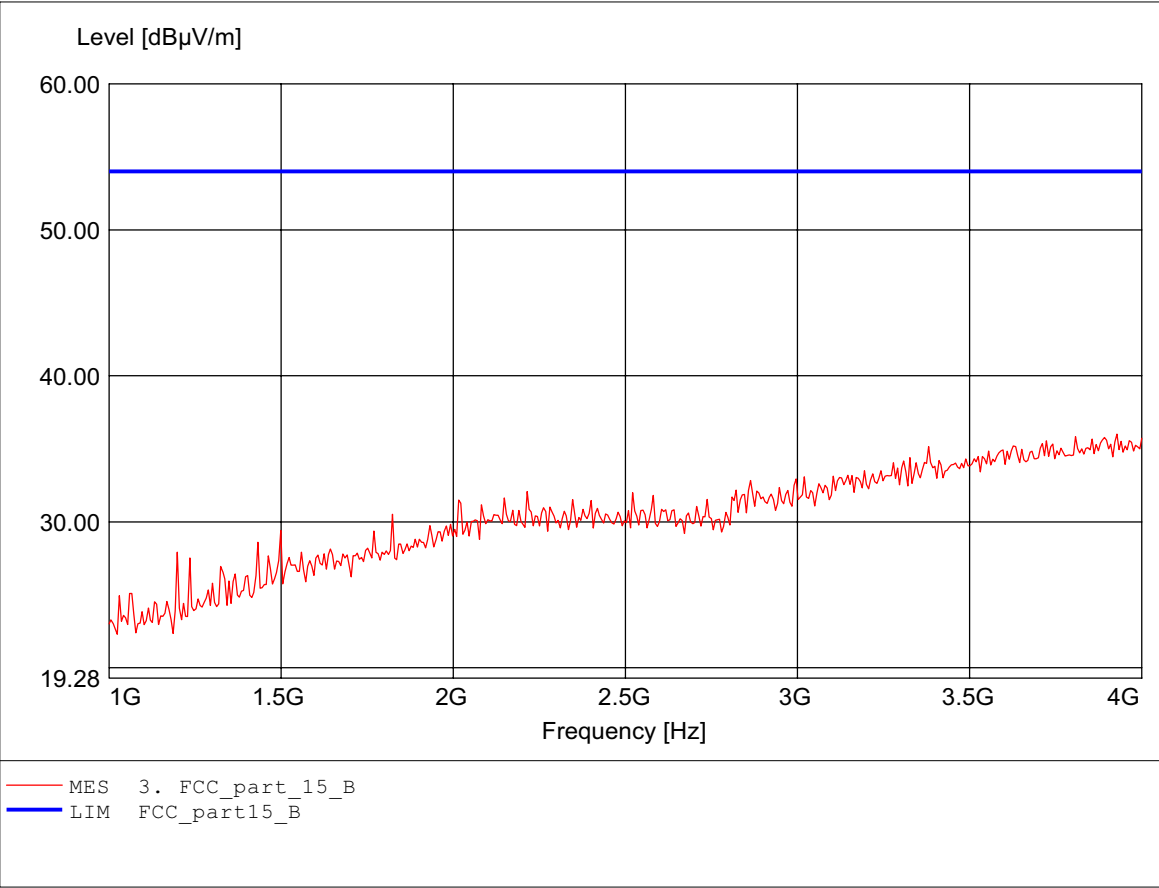
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.964GHz Emax:36.68dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

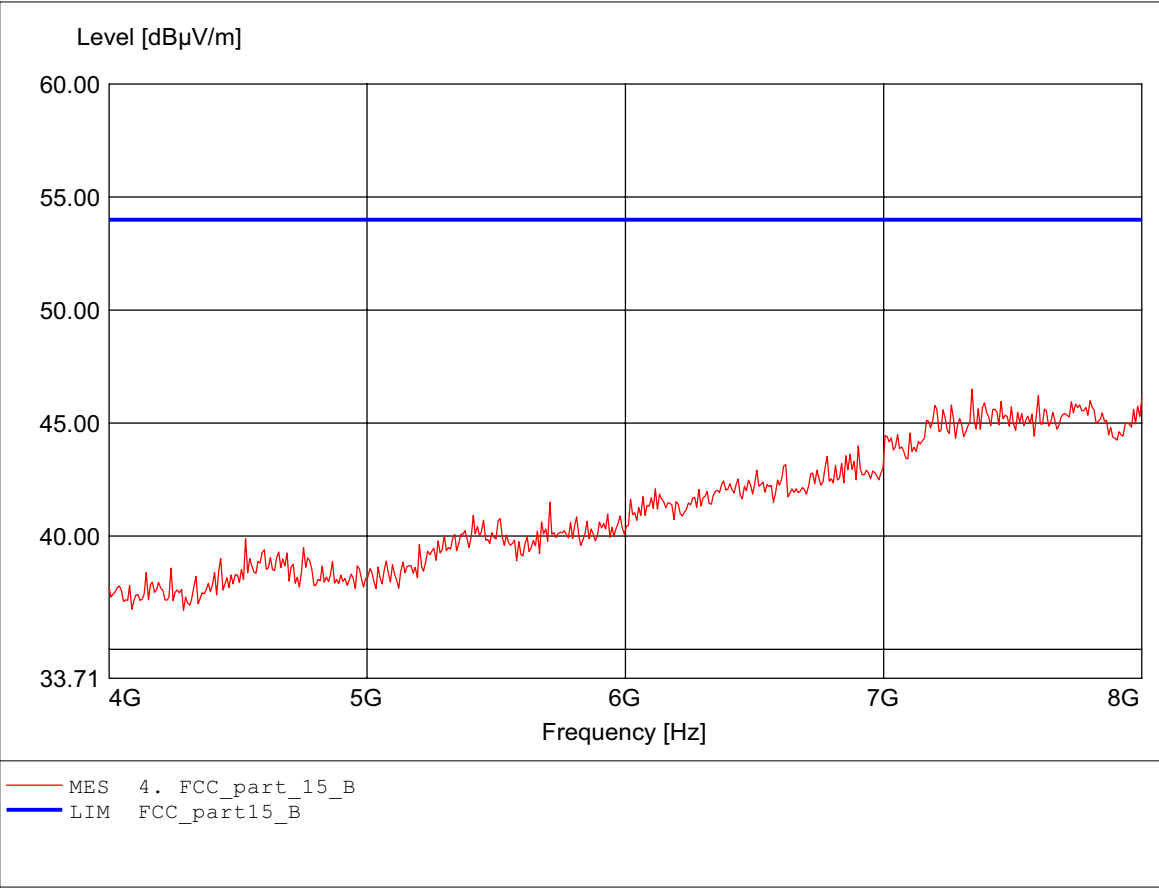
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:3.928GHz Emax:36.00dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

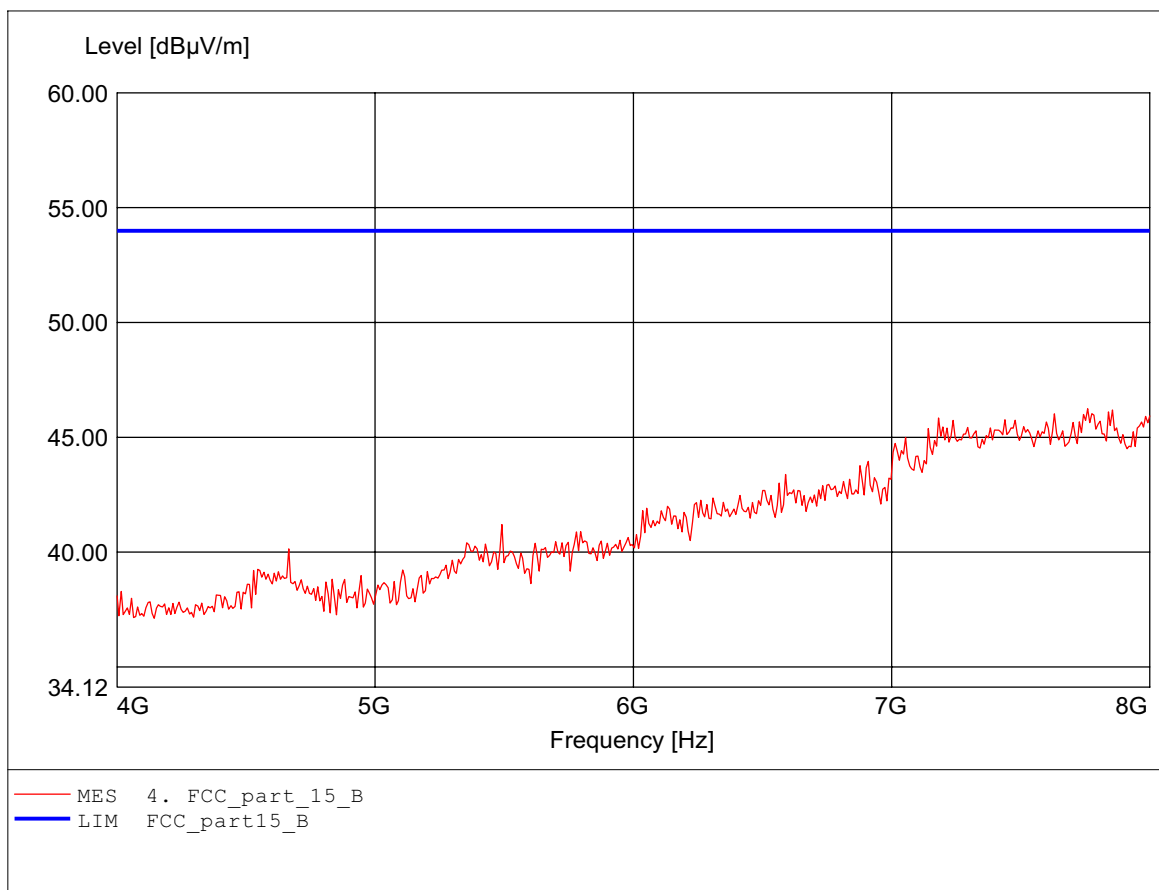
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.343GHz Emax:46.50dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

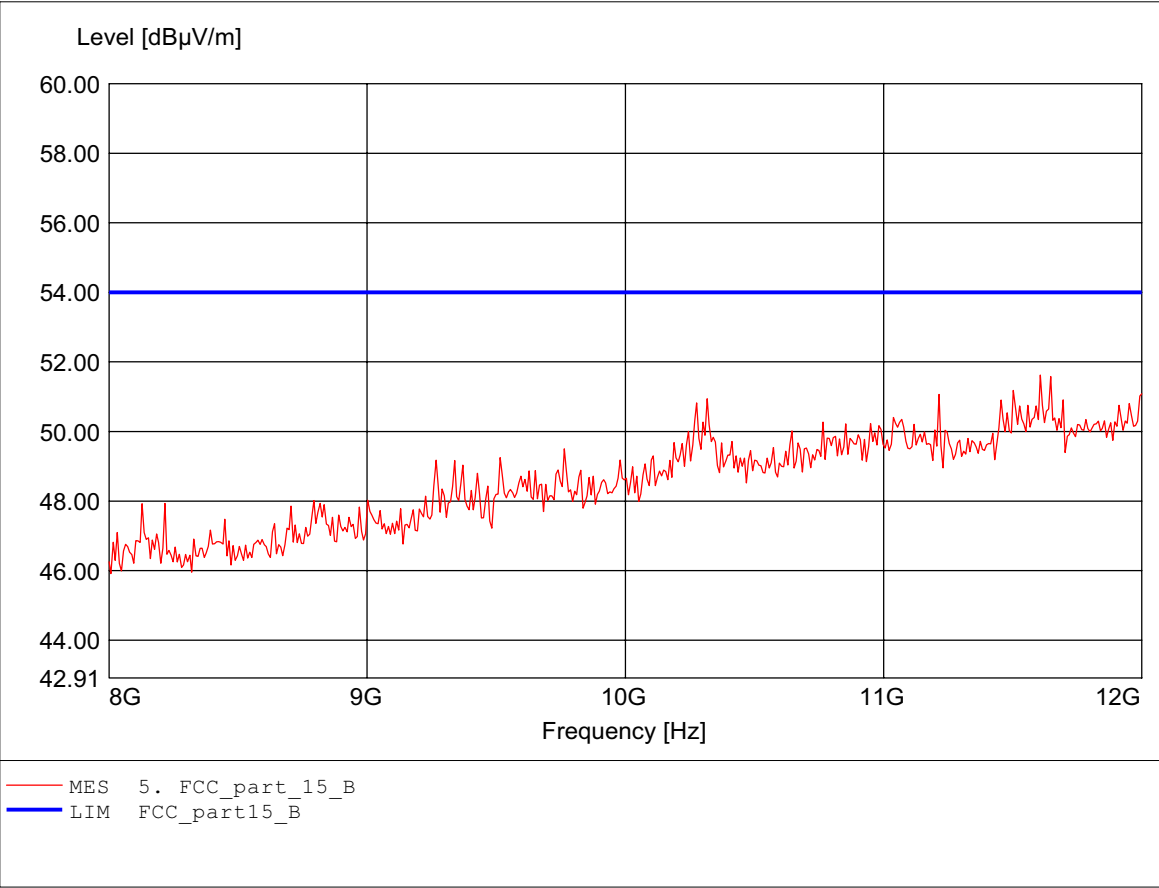
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:7.760GHz Emax:46.24dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

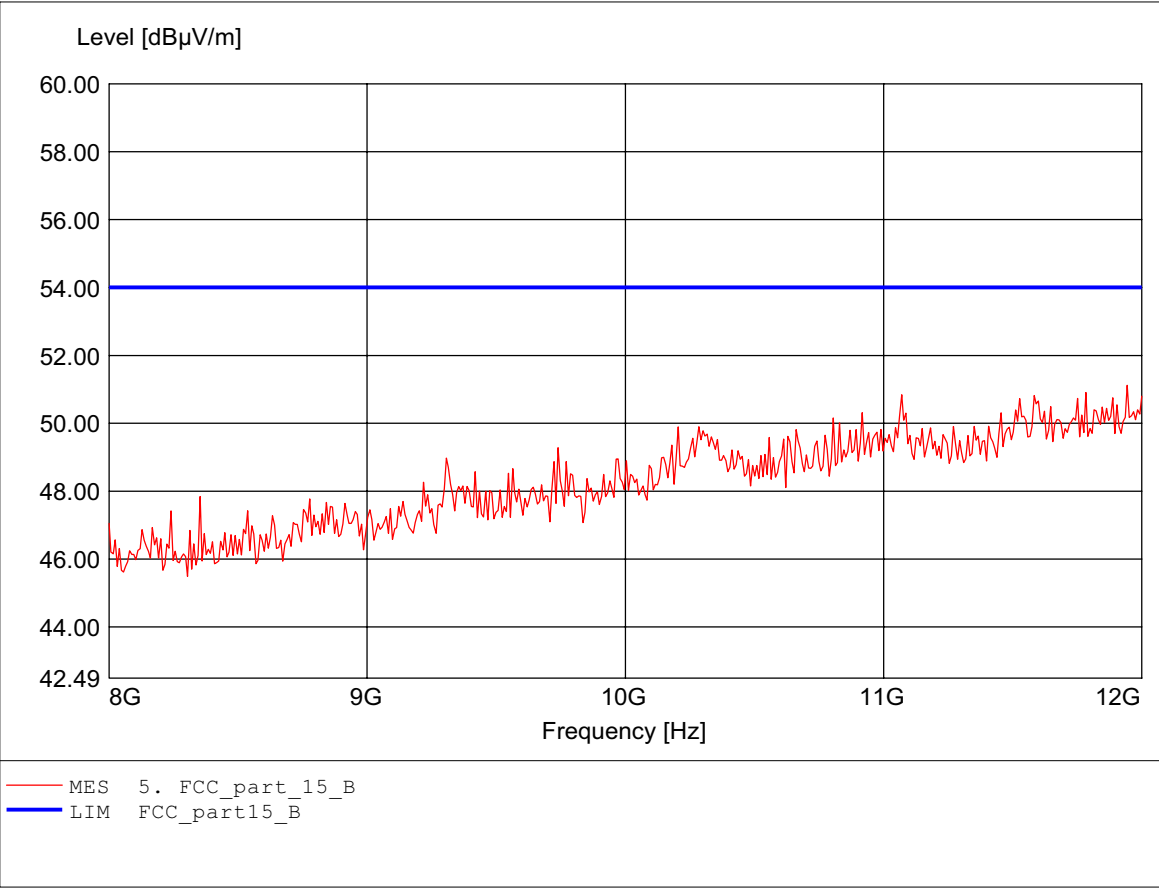
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.607GHz Emax:51.63dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

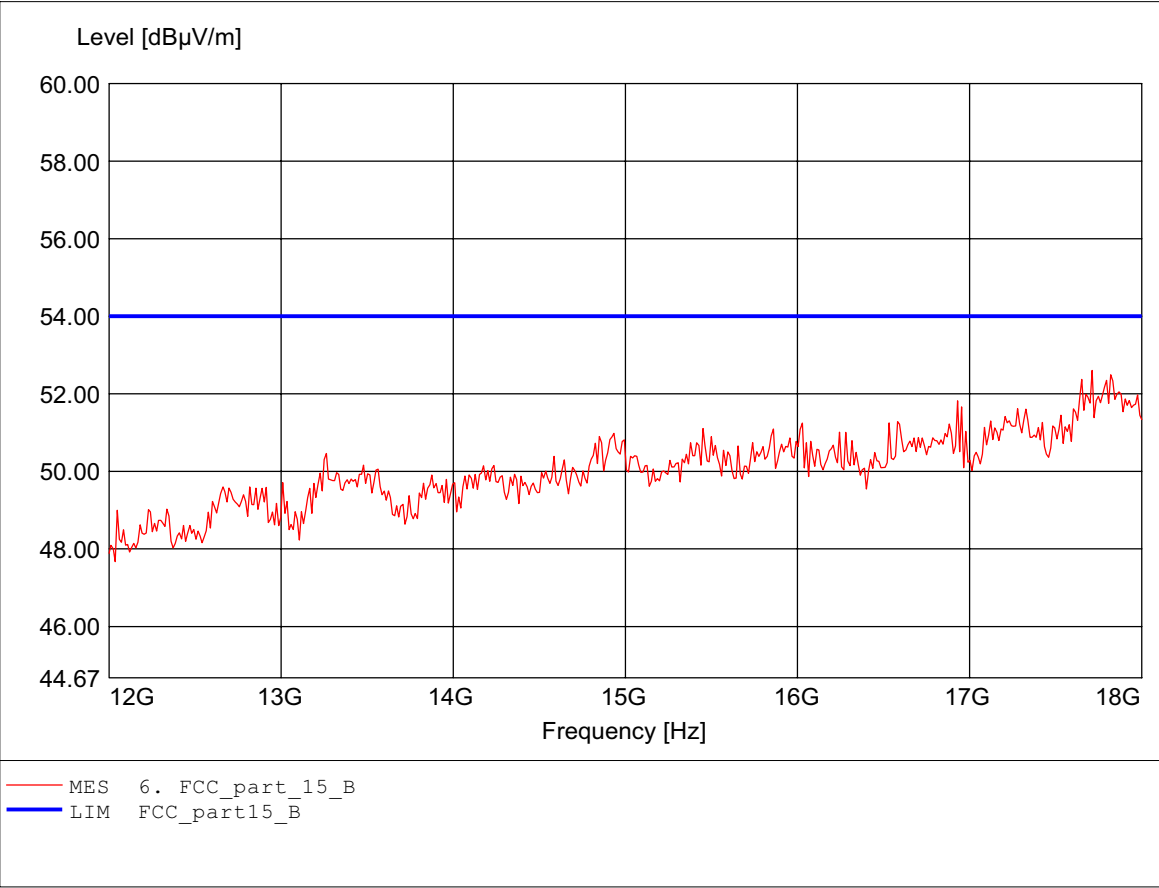
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:11.944GHz Emax:51.12dBμV/m RBW: 1 MHz



Field Strength under normal conditions

FCC RULES PART 15, SUBPART B

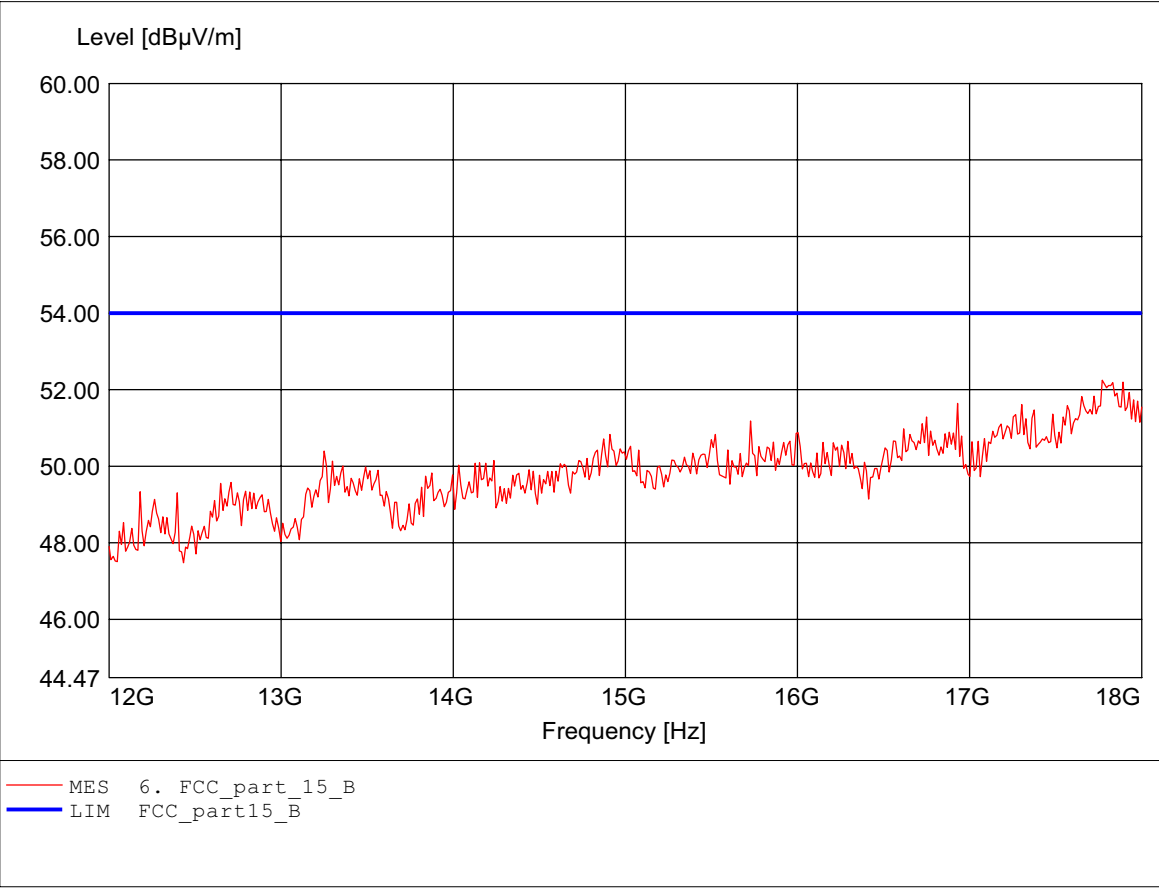
Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.711GHz Emax:52.60dBμV/m RBW: 1 MHz



Field Strength under normal conditions

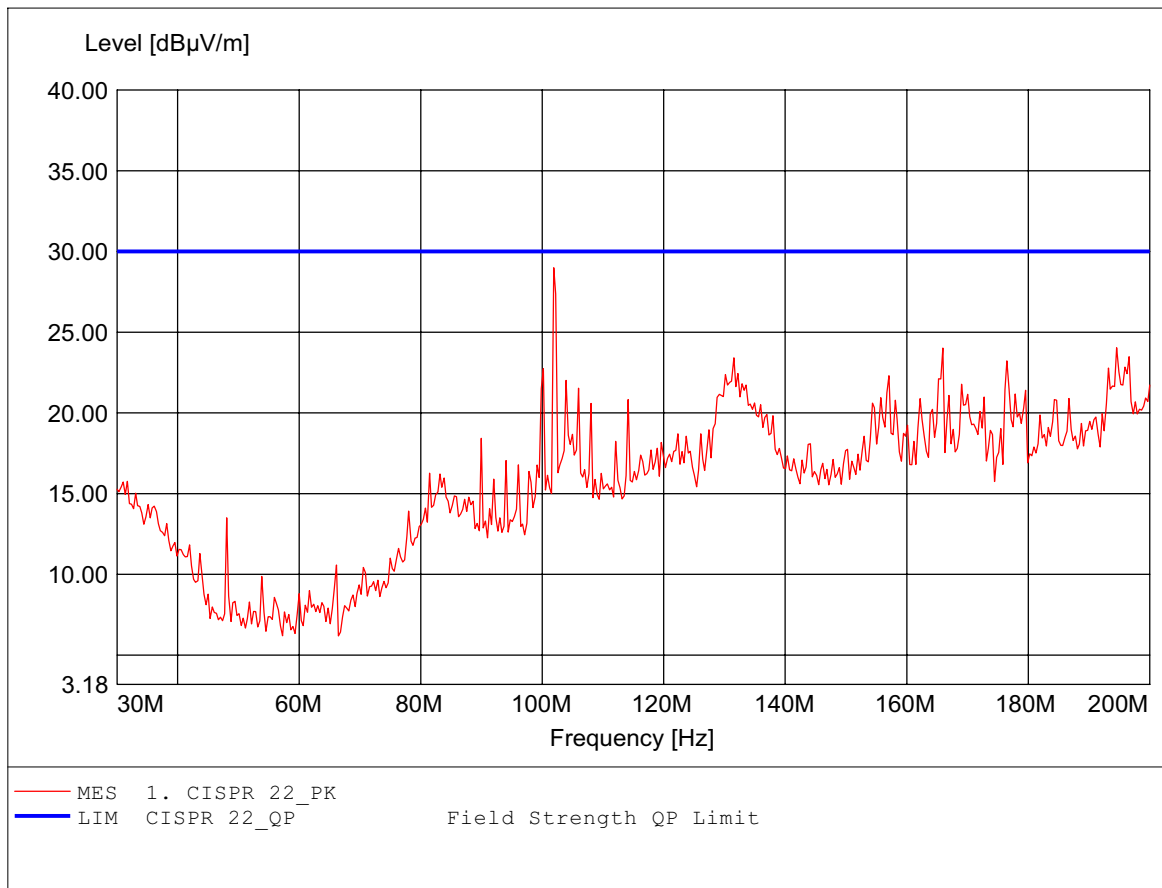
FCC RULES PART 15, SUBPART B

Order Number : W6M20611-7548 (channel high)
Test Site / Operator: ETS / Michael Dongle
Temperature:: Temp.: 23.9°C
according to subpart B
Comment 1: Dist.: 3m, Ant.: HL25, ampl.
Freq:17.772GHz Emax:52.25dBμV/m RBW: 1 MHz



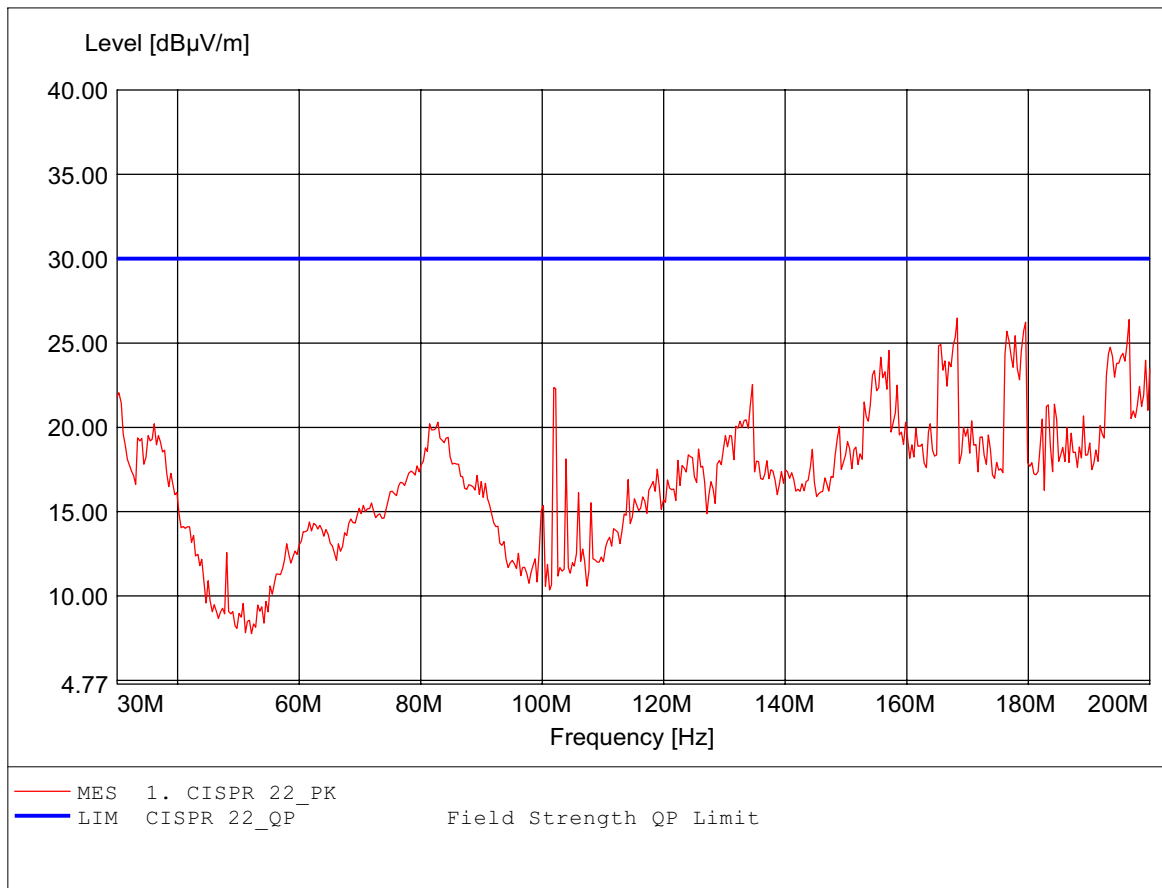
**Spurious emissions under normal conditions
in accordance to the CISPR 22**

Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
Fully Anechoic Chamber
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:101.884MHz Emax:29.00dBμV/m RBW: 100 kHz



**Spurious emissions under normal conditions
in accordance to the CISPR 22**

Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
Fully Anechoic Chamber
Comment 1: Dist.: 3m, Ant.: HK 116
Freq:168.317MHz Emax:26.49dBµV/m RBW: 100 kHz



Spurious emissions under normal conditions
in accordance to the CISPR 22

Order Number : W6M20611-7548

Test Site / Operator: ETS / Jay Chaing

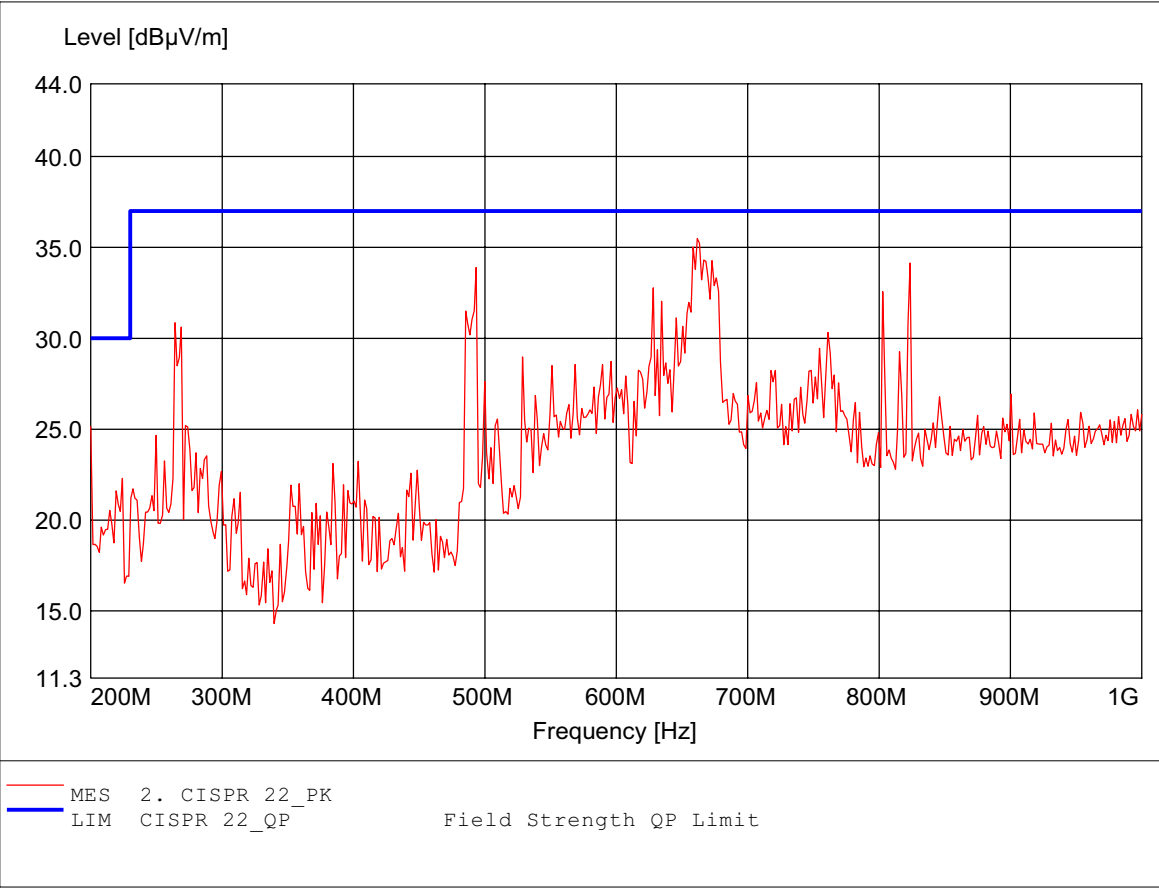
Temperature:: Temp.: 23.9°C

Comment 1: Fully Anechoic Chamber

Dist.: 3m, Ant.: HL 223

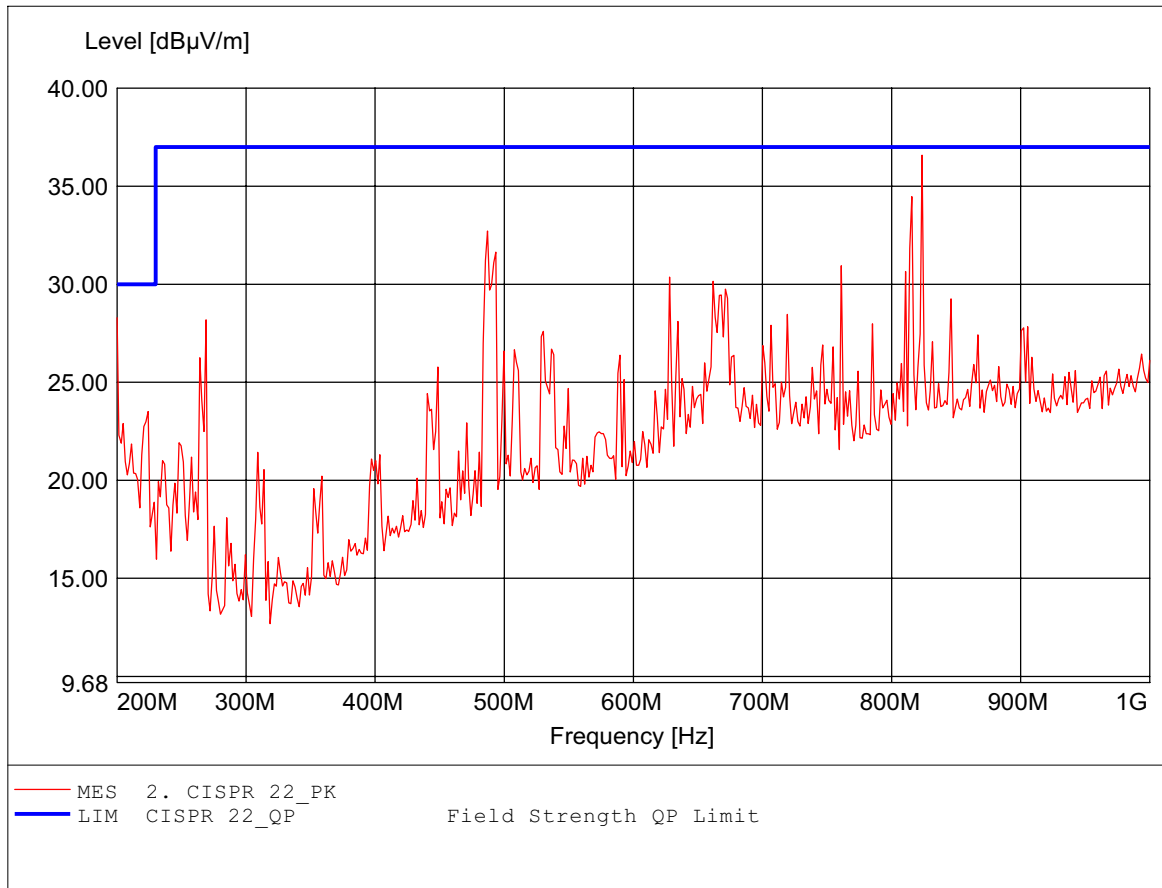
Freq:661.723MHz Emax:35.49dBμV/m RBW: 100 kHz

Voice Recorder



**Spurious emissions under normal conditions
in accordance to the CISPR 22**

Order Number : W6M20611-7548 Voice Recorder
Test Site / Operator: ETS / Jay Chaing
Temperature:: Temp.: 23.9°C
Fully Anechoic Chamber
Comment 1: Dist.: 3m, Ant.: HL 223
Freq:823.647MHz Emax:36.59dBμV/m RBW: 100 kHz



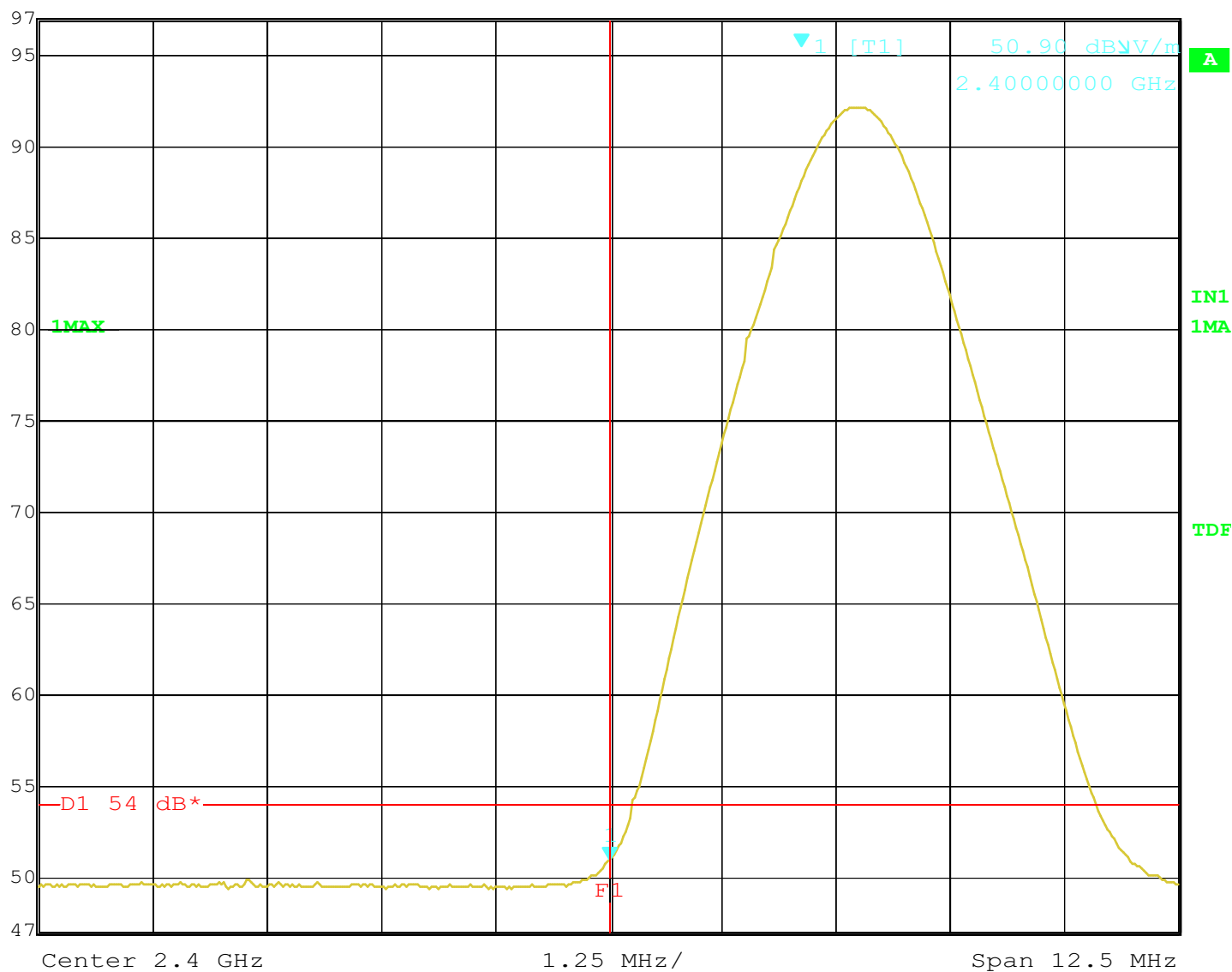
Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix D

Radiated Emission on the band edge



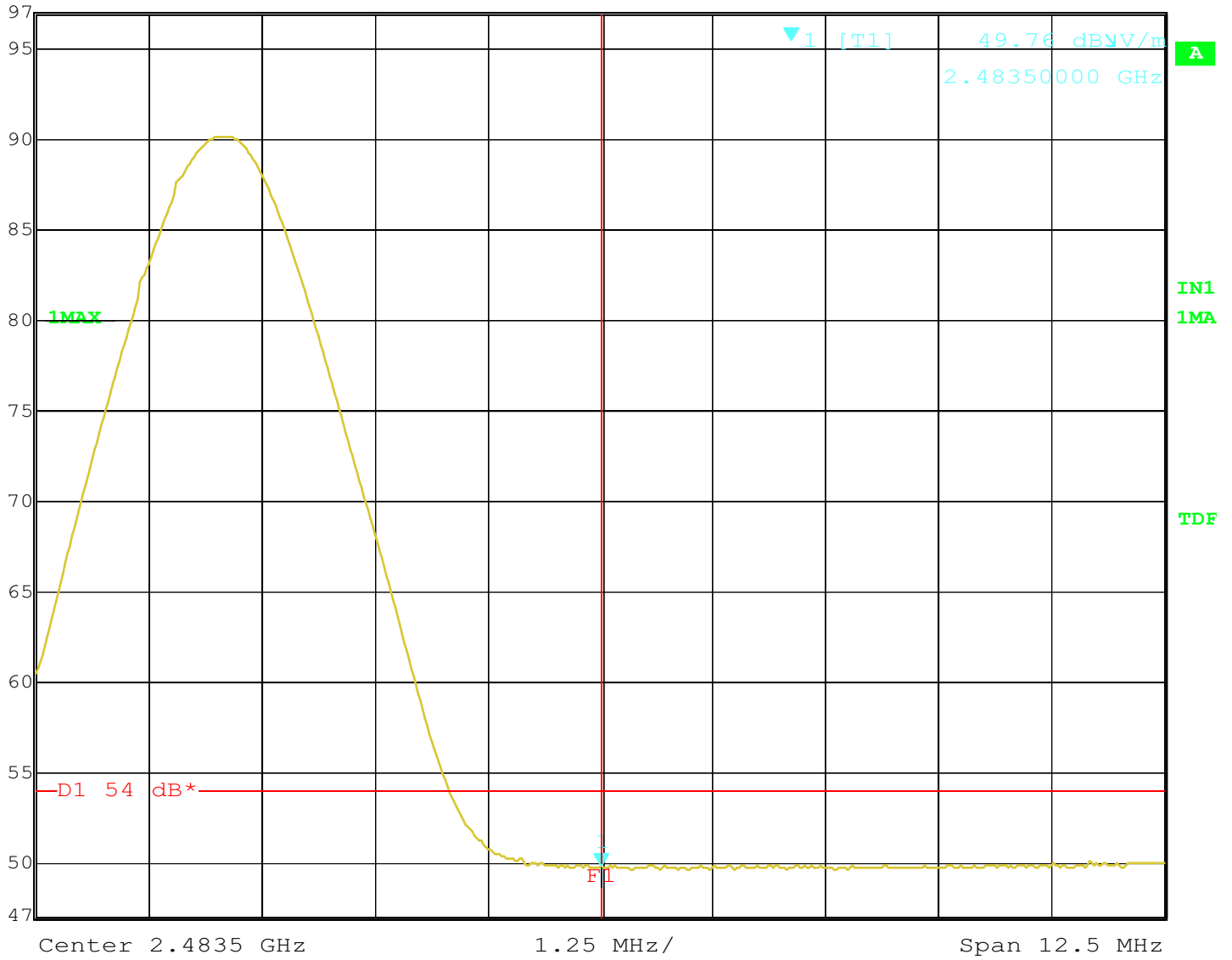
Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	0 dB
97 dB*	50.90 dBV/m	VBW	1 kHz		
	2.40000000 GHz	SWT	32 ms	Unit	dBV/m



Title: BANDEDGE
Date: 17.DEC.2006 13:31:07



Ref Lvl 97 dB* Marker 1 [T1] 49.76 dBV/m 2.48350000 GHz RBW 1 MHz RF Att 0 dB VBW 1 kHz SWT 32 ms Unit dBV/m



Title: BANEDGE
Date: 17.DEC.2006 13:33:27

Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix E

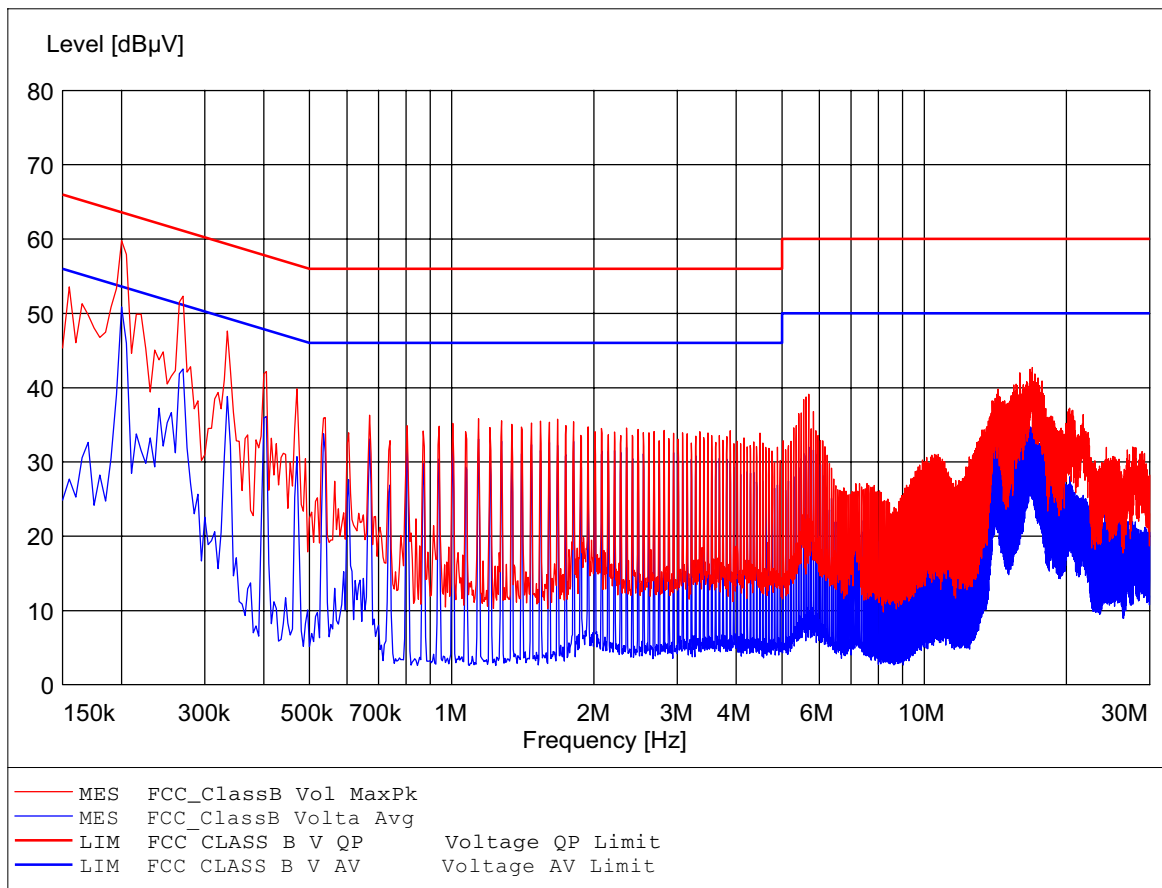
Power Line Conducted Emission

The measurement diagrams plots attached below are preliminary wideband scan with a quasi peak and average detector for reference only. The final test results are listed on page 18.

EMI voltage test in the ac-mains according to FCC PART 15

CLASS B

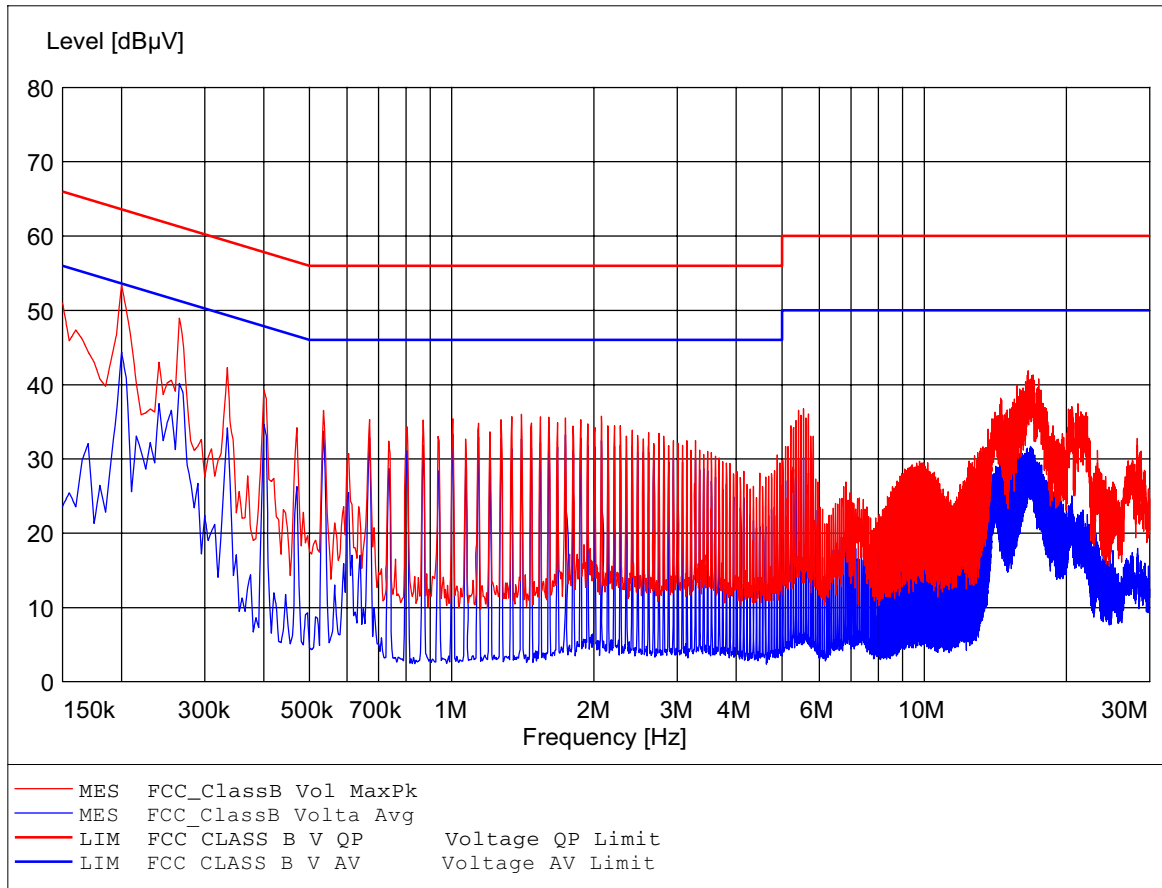
Order Number: W6M20611-7548 Voice Recorder
Operating Condition: Tnom: 23.9°C
Test Site: ETS Operator:
Jay Chaing
Test Specification: V-network: ESH3-Z5 N



EMI voltage test in the ac-mains according to FCC PART 15

CLASS B

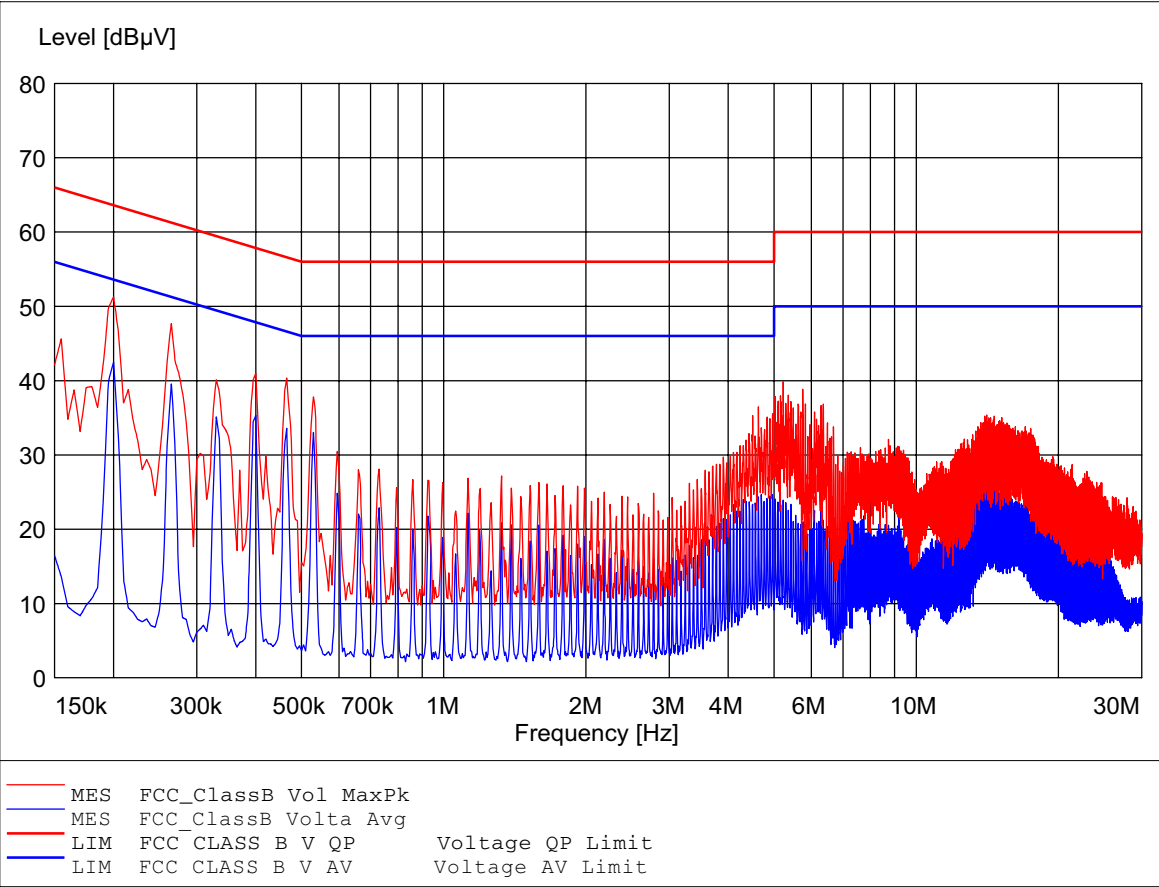
Order Number: W6M20611-7548 Voice Recorder
Operating Condition: Tnom: 23.9°C
Test Site: ETS Operator:
Jay Chaing
Test Specification: V-network: ESH3-Z5 L1



EMI voltage test in the ac-mains according to FCC PART 15

CLASS B

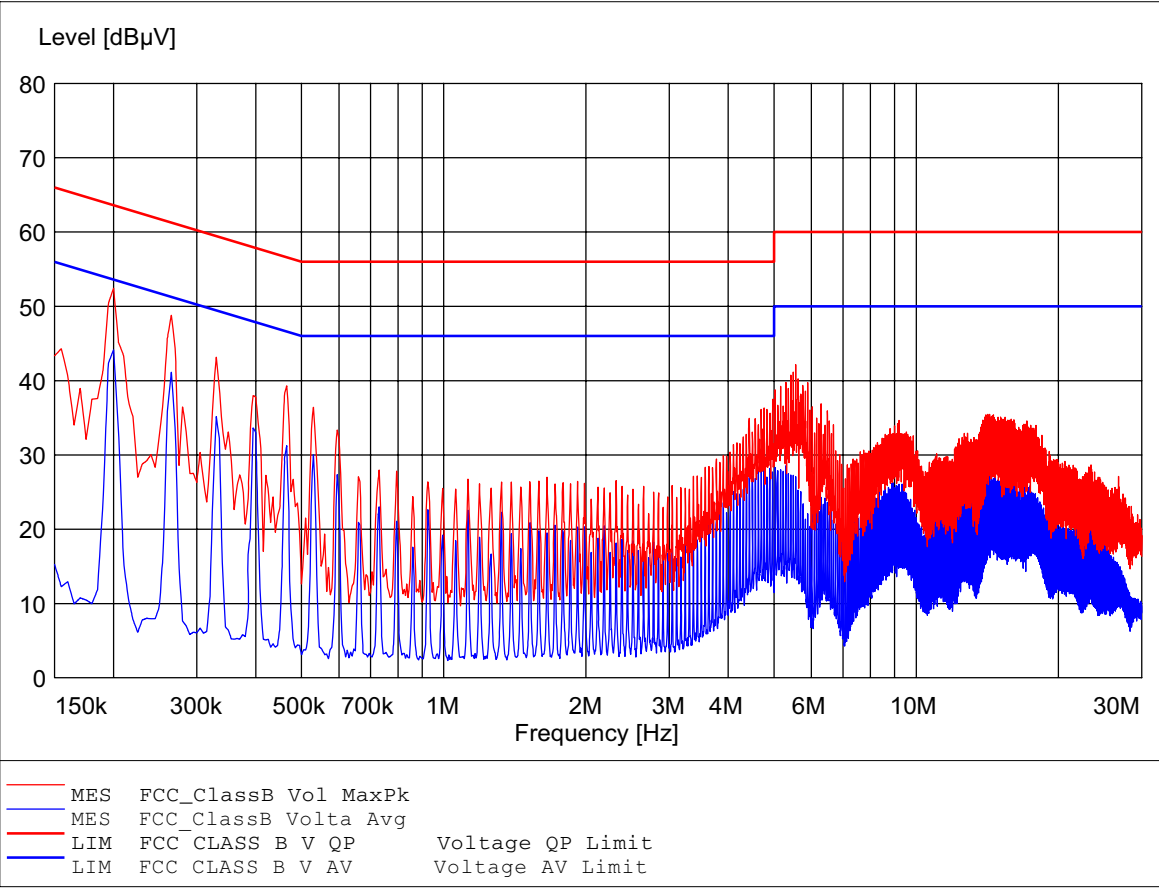
Order Number: W6M20611-7548 Dongle
Operating Condition: Tnom: 23.9°C
Test Site: ETS
Operator: Eric
Test Specification: V-network: ESH3-Z5 N



EMI voltage test in the ac-mains according to FCC PART 15

CLASS B

Order Number: W6M20611-7548 Dongle
Operating Condition: Tnom: 23.9°C
Test Site: ETS
Operator: Eric
Test Specification: V-network: ESH3-Z5 L1



Registration number: W6M20611-7548-P-15
FCC ID: OXM000005

Appendix F

Pictures