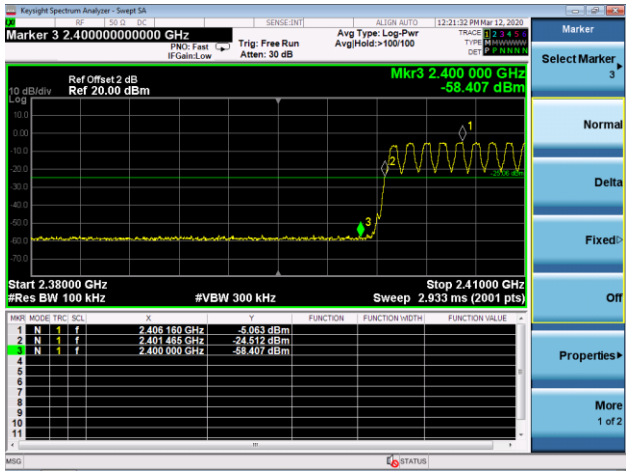
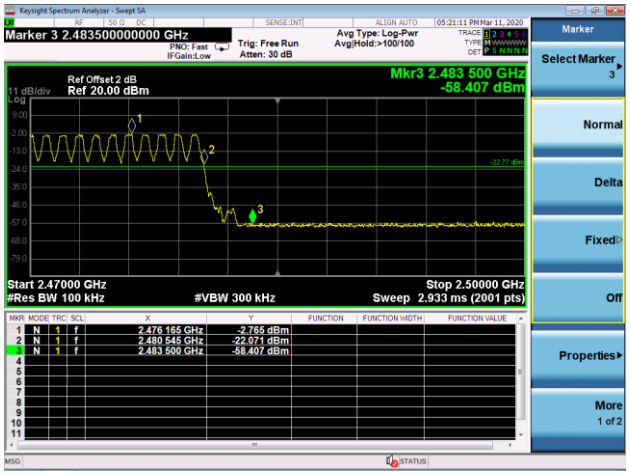
Operation Frequency Range of 20dB Bandwidth within Hopping Mode

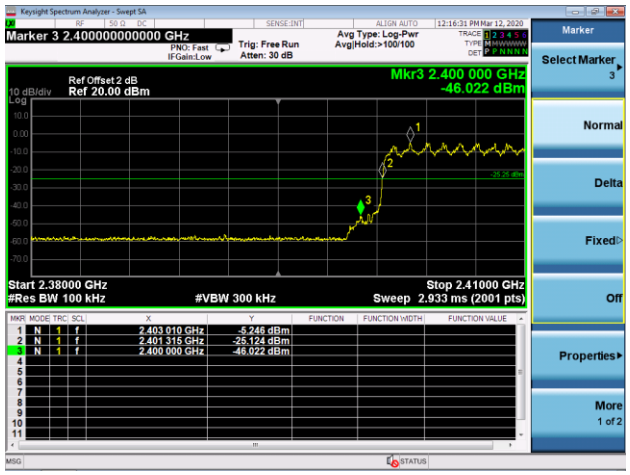
DH5 - Channel 00 (2402MHz)



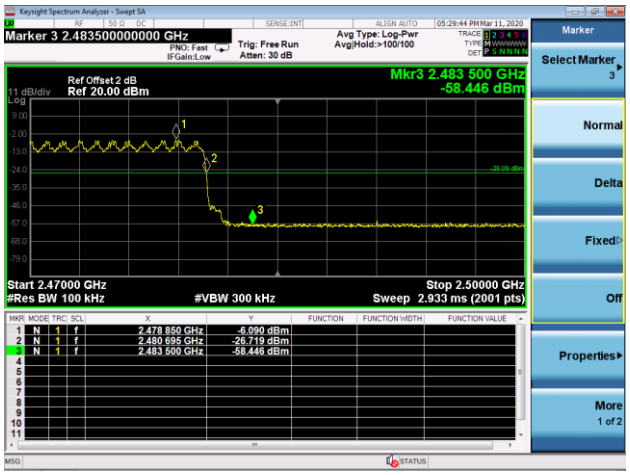
DH5 - Channel 78 (2480MHz)



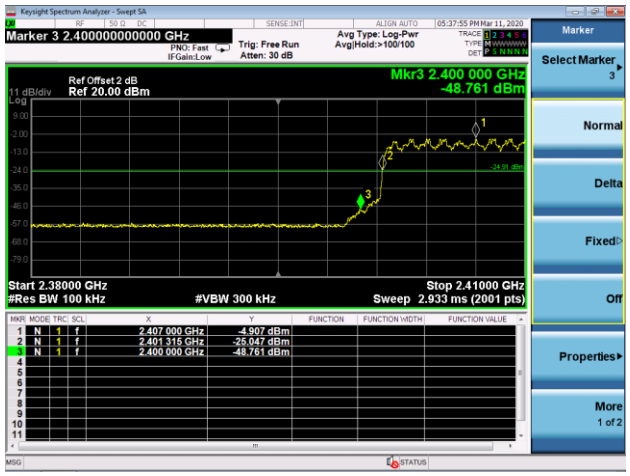
2DH5 - Channel 00 (2402MHz)



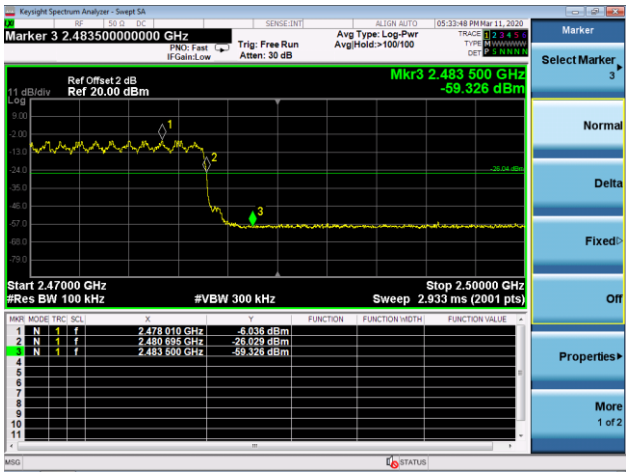
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



7.8. Conducted Spurious Emissions Measurement

7.8.1.Test Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

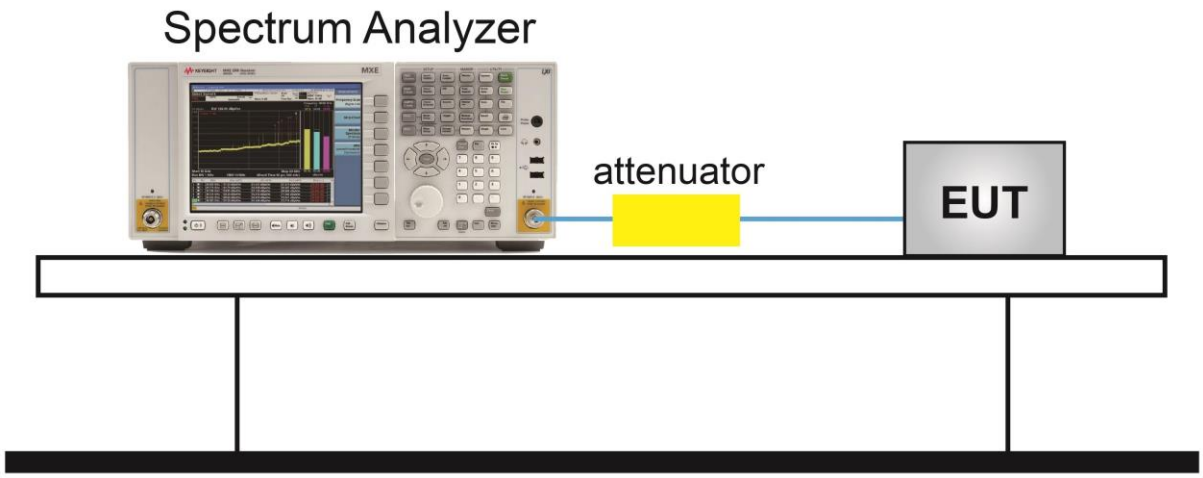
7.8.2.Test Procedure Used

ANSI C63.10-2013 - Section 7.8.8

7.8.3.Test Setting

1. Span = Wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

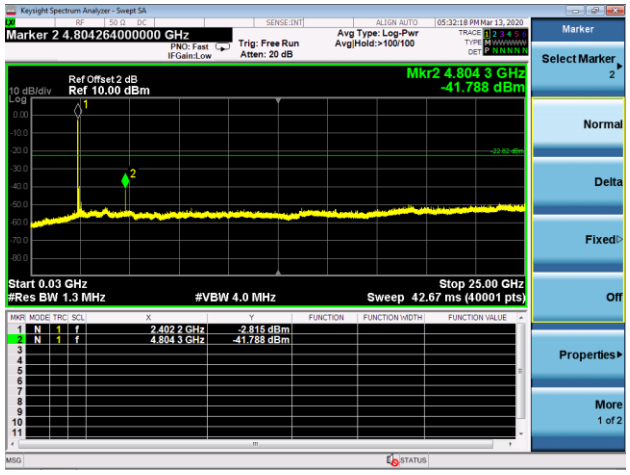
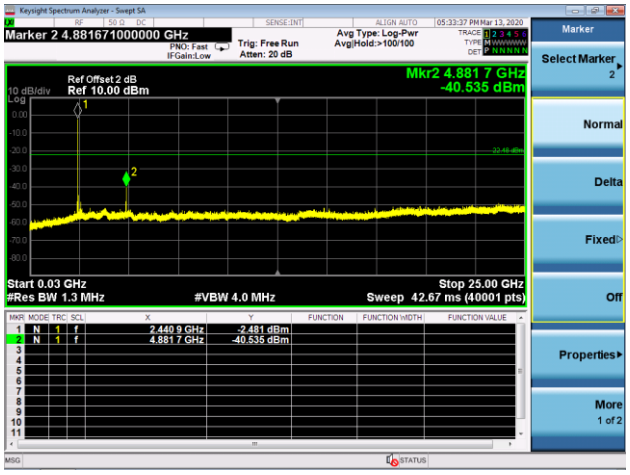
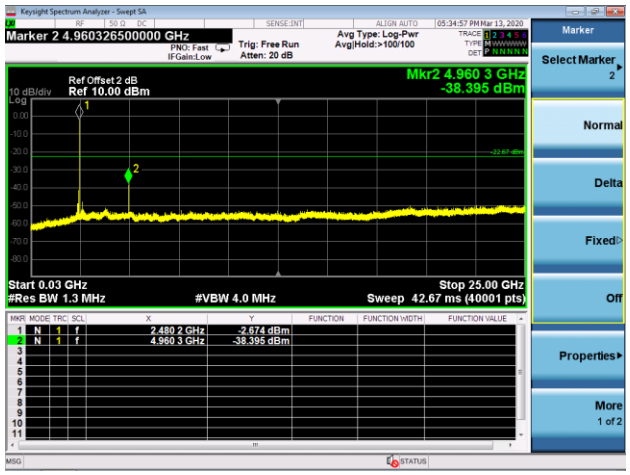
7.8.4.Test Setup



7.8.5.Test Result

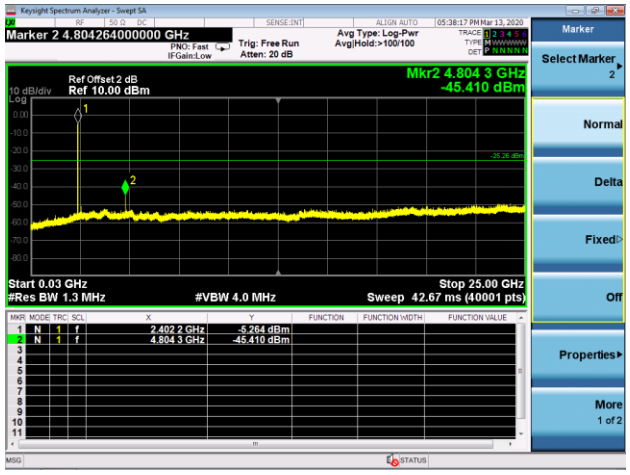
Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	52%
Test Site	TR3	Test Date	2020/03/13

Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

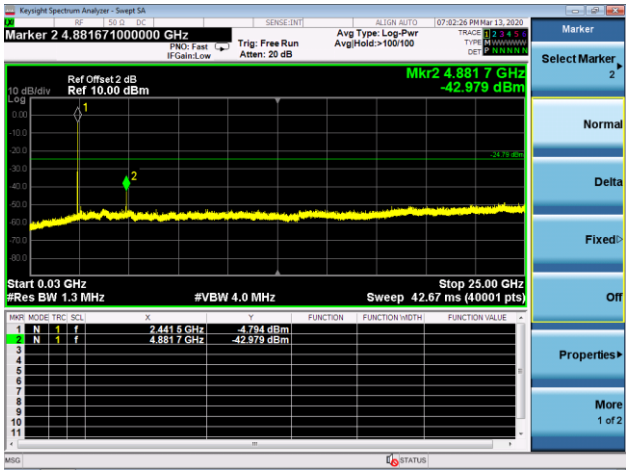
DH5 Conducted Spurious Emissions	
Channel 00 (2402MHz)	**Channel 39 (2441MHz)**
	
Channel 78 (2480MHz)	
	

2DH5 Conducted Spurious Emissions

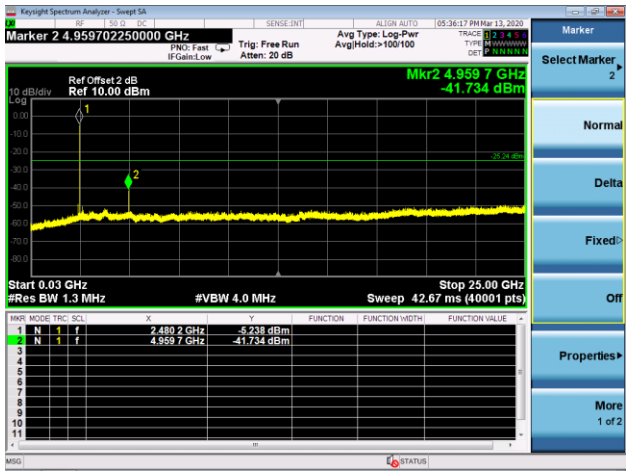
Channel 00 (2402MHz)

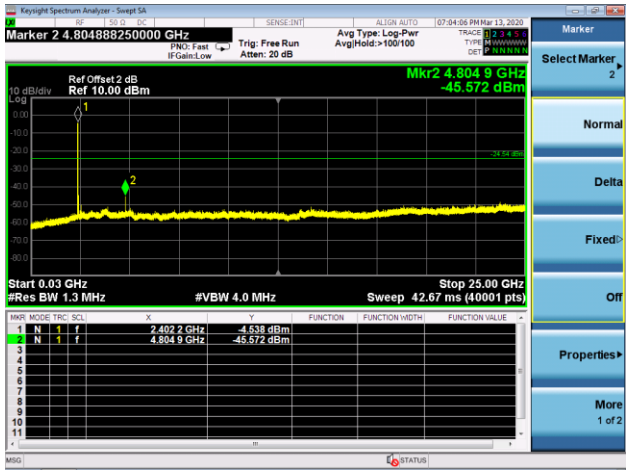
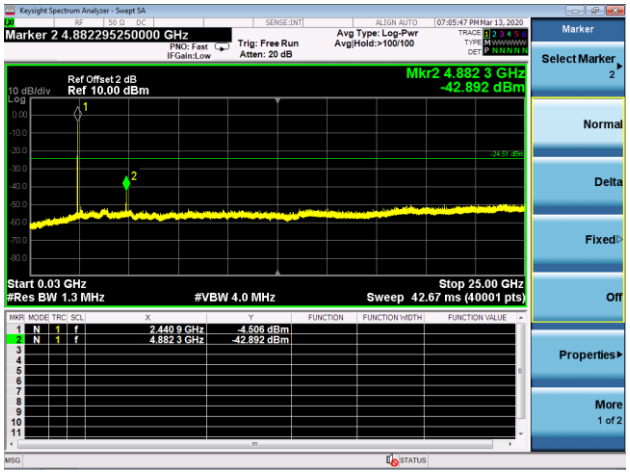
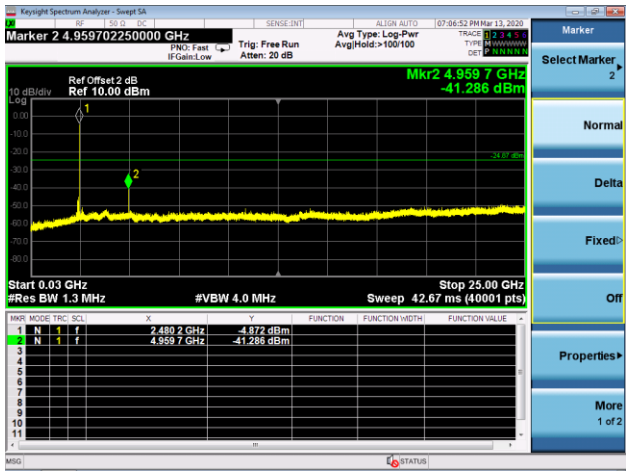


Channel 39 (2441MHz)



Channel 78 (2480MHz)



3DH5 Conducted Spurious Emissions	
Channel 00 (2402MHz)	**Channel 39 (2441MHz)**
	
Channel 78 (2480MHz)	
	

7.9. Radiated Spurious Emission Measurement

7.9.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15.209 Limits		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2.Test Procedure Used

ANSI C63.10 - Section 6.3 (General Requirements)

ANSI C63.10 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - Section 6.6 (Standard test method above 1GHz)

7.9.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = As specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = Auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

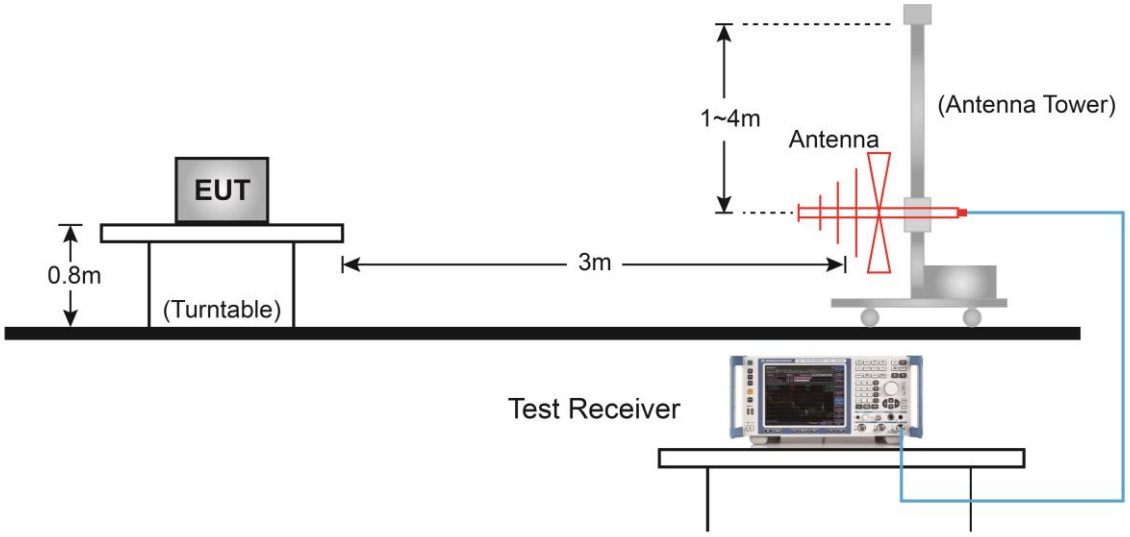
Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

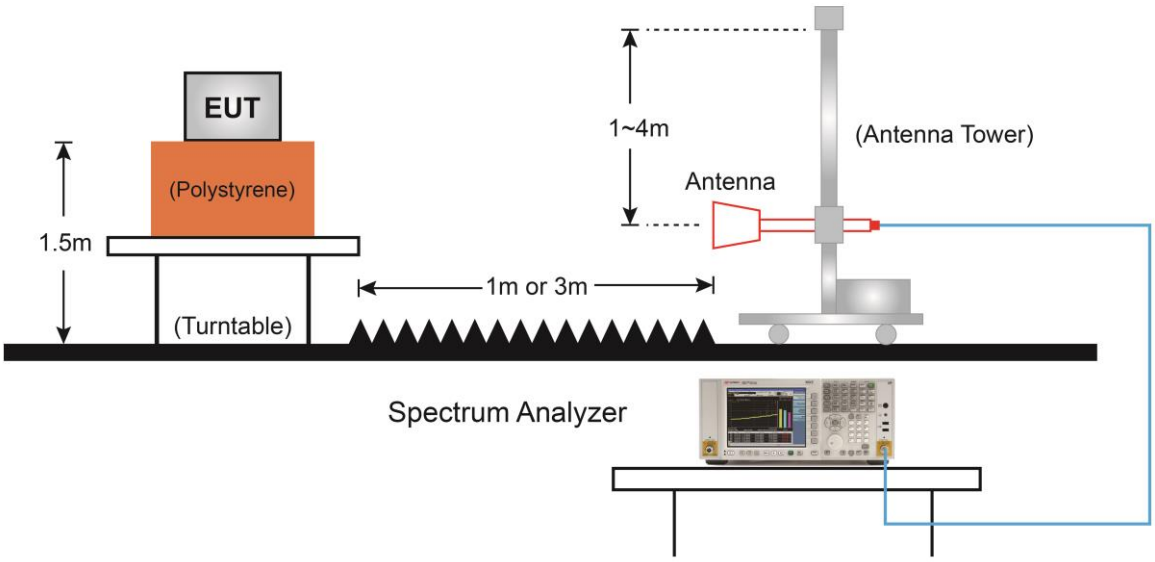
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

7.9.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.9.5.Test Result

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	43.9	5.8	49.7	74.0	-24.3	Peak	Horizontal
*	5904.5	34.8	7.8	42.6	74.0	-31.4	Peak	Horizontal
	7477.0	34.0	11.7	45.7	74.0	-28.3	Peak	Horizontal
*	10137.5	32.6	16.8	49.4	74.0	-24.6	Peak	Horizontal
	4808.0	42.8	5.8	48.6	74.0	-25.4	Peak	Vertical
*	6542.0	34.2	9.5	43.7	74.0	-30.3	Peak	Vertical
	7468.5	34.1	11.8	45.9	74.0	-28.1	Peak	Vertical
*	10146.0	33.0	16.7	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (91.0dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	44.9	5.9	50.8	74.0	-23.2	Peak	Horizontal
*	6465.5	33.9	9.2	43.1	74.0	-30.9	Peak	Horizontal
	7485.5	33.8	11.8	45.6	74.0	-28.4	Peak	Horizontal
*	10146.0	32.6	16.7	49.3	74.0	-24.7	Peak	Horizontal
	4876.0	43.6	5.9	49.5	74.0	-24.5	Peak	Vertical
*	6712.0	34.5	9.6	44.1	74.0	-29.9	Peak	Vertical
	7443.0	32.6	12.1	44.7	74.0	-29.3	Peak	Vertical
*	10146.0	32.5	16.7	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (91.5dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	47.4	6.2	53.6	74.0	-20.4	Peak	Horizontal
*	5989.5	34.9	7.8	42.7	74.0	-31.3	Peak	Horizontal
	7468.5	33.2	11.8	45.0	74.0	-29.0	Peak	Horizontal
*	9993.0	29.6	16.7	46.3	74.0	-27.7	Peak	Horizontal
	4961.0	44.5	6.2	50.7	74.0	-23.3	Peak	Vertical
*	6329.5	34.5	8.7	43.2	74.0	-30.8	Peak	Vertical
	7477.0	33.6	11.7	45.3	74.0	-28.7	Peak	Vertical
*	10163.0	31.8	16.9	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (92.1dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	2DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	40.4	5.8	46.2	74.0	-27.8	Peak	Horizontal
*	6100.0	34.5	8.1	42.6	74.0	-31.4	Peak	Horizontal
	7426.0	33.5	11.8	45.3	74.0	-28.7	Peak	Horizontal
*	10112.0	32.2	17.1	49.3	74.0	-24.7	Peak	Horizontal
	4808.0	39.5	5.8	45.3	74.0	-28.7	Peak	Vertical
*	5989.5	34.2	7.8	42.0	74.0	-32.0	Peak	Vertical
	7502.5	33.2	11.9	45.1	74.0	-28.9	Peak	Vertical
*	10146.0	33.3	16.7	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (87.7dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	2DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	41.4	5.9	47.3	74.0	-26.7	Peak	Horizontal
*	6304.0	34.3	8.4	42.7	74.0	-31.3	Peak	Horizontal
	7477.0	34.0	11.7	45.7	74.0	-28.3	Peak	Horizontal
*	9806.0	31.6	16.8	48.4	74.0	-25.6	Peak	Horizontal
	4884.5	40.9	5.9	46.8	74.0	-27.2	Peak	Vertical
*	6482.5	35.0	9.3	44.3	74.0	-29.7	Peak	Vertical
	7443.0	33.7	12.1	45.8	74.0	-28.2	Peak	Vertical
*	9585.0	32.4	16.3	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (88.6dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	2DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	41.8	6.2	48.0	74.0	-26.0	Peak	Horizontal
*	6423.0	34.2	9.1	43.3	74.0	-30.7	Peak	Horizontal
	7477.0	32.8	11.7	44.5	74.0	-29.5	Peak	Horizontal
*	10146.0	32.3	16.7	49.0	74.0	-25.0	Peak	Horizontal
	4961.0	41.6	6.2	47.8	74.0	-26.2	Peak	Vertical
*	6669.5	33.6	9.7	43.3	74.0	-30.7	Peak	Vertical
	7477.0	33.4	11.7	45.1	74.0	-28.9	Peak	Vertical
*	10137.5	32.5	16.8	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (89.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	3DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	39.2	5.8	45.0	74.0	-29.0	Peak	Horizontal
*	6032.0	33.5	7.9	41.4	74.0	-32.6	Peak	Horizontal
	7468.5	33.4	11.8	45.2	74.0	-28.8	Peak	Horizontal
*	10146.0	32.4	16.7	49.1	74.0	-24.9	Peak	Horizontal
	4808.0	39.8	5.8	45.6	74.0	-28.4	Peak	Vertical
*	6372.0	34.6	8.8	43.4	74.0	-30.6	Peak	Vertical
	7477.0	33.8	11.7	45.5	74.0	-28.5	Peak	Vertical
*	9806.0	31.3	16.8	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (88.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	3DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	40.6	5.9	46.5	74.0	-27.5	Peak	Horizontal
*	6270.0	33.9	8.5	42.4	74.0	-31.6	Peak	Horizontal
	7494.0	34.6	11.8	46.4	74.0	-27.6	Peak	Horizontal
*	10163.0	32.2	16.9	49.1	74.0	-24.9	Peak	Horizontal
	4876.0	41.8	5.9	47.7	74.0	-26.3	Peak	Vertical
*	6576.0	34.7	9.7	44.4	74.0	-29.6	Peak	Vertical
	7494.0	34.0	11.8	45.8	74.0	-28.2	Peak	Vertical
*	10154.5	33.1	16.8	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (90.0dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	Monster Bluetooth Headphones	Temperature	25℃
Test Engineer	Flay Yang	Relative Humidity	56%
Test Site	AC1	Test Date	2020/03/11
Test Mode	3DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	42.2	6.2	48.4	74.0	-25.6	Peak	Horizontal
*	6372.0	34.8	8.8	43.6	74.0	-30.4	Peak	Horizontal
	7485.5	33.7	11.8	45.5	74.0	-28.5	Peak	Horizontal
*	9959.0	32.0	16.8	48.8	74.0	-25.2	Peak	Horizontal
	4961.0	41.5	6.2	47.7	74.0	-26.3	Peak	Vertical
*	6380.5	34.0	8.8	42.8	74.0	-31.2	Peak	Vertical
	7494.0	34.2	11.8	46.0	74.0	-28.0	Peak	Vertical
*	10137.5	31.7	16.8	48.5	74.0	-25.5	Peak	Vertical

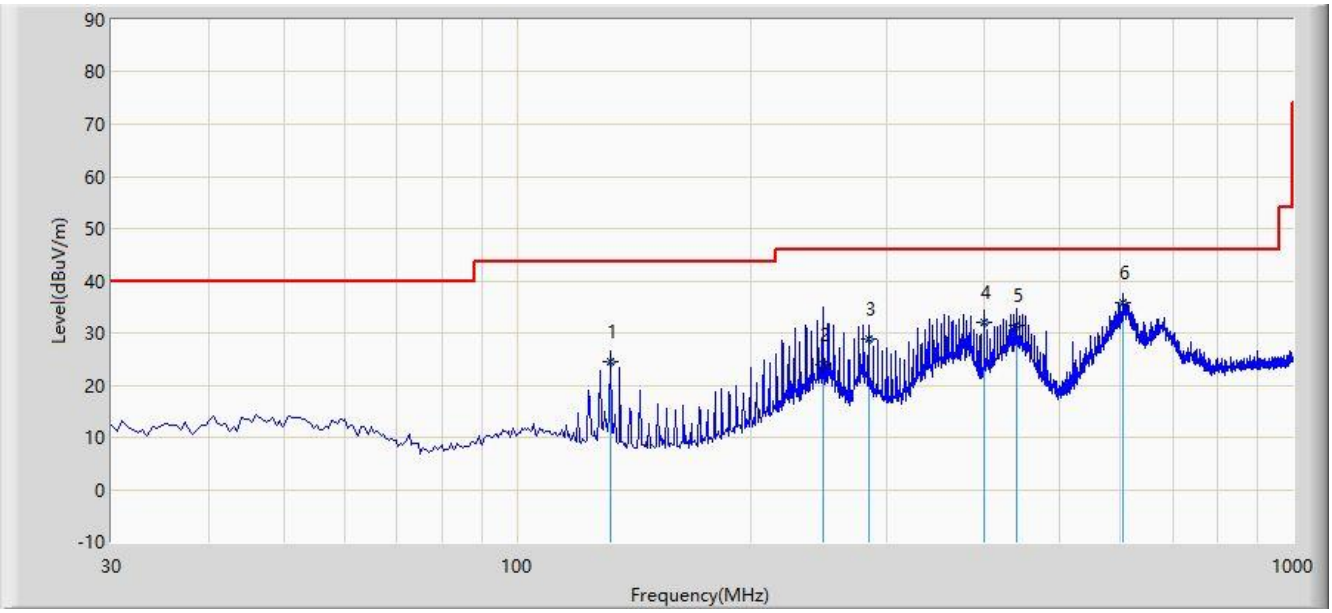
Note 1: “*” is not in restricted band, its limit is 20dBc of the fundamental emission level (89.8dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/03/11 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2441MHz	



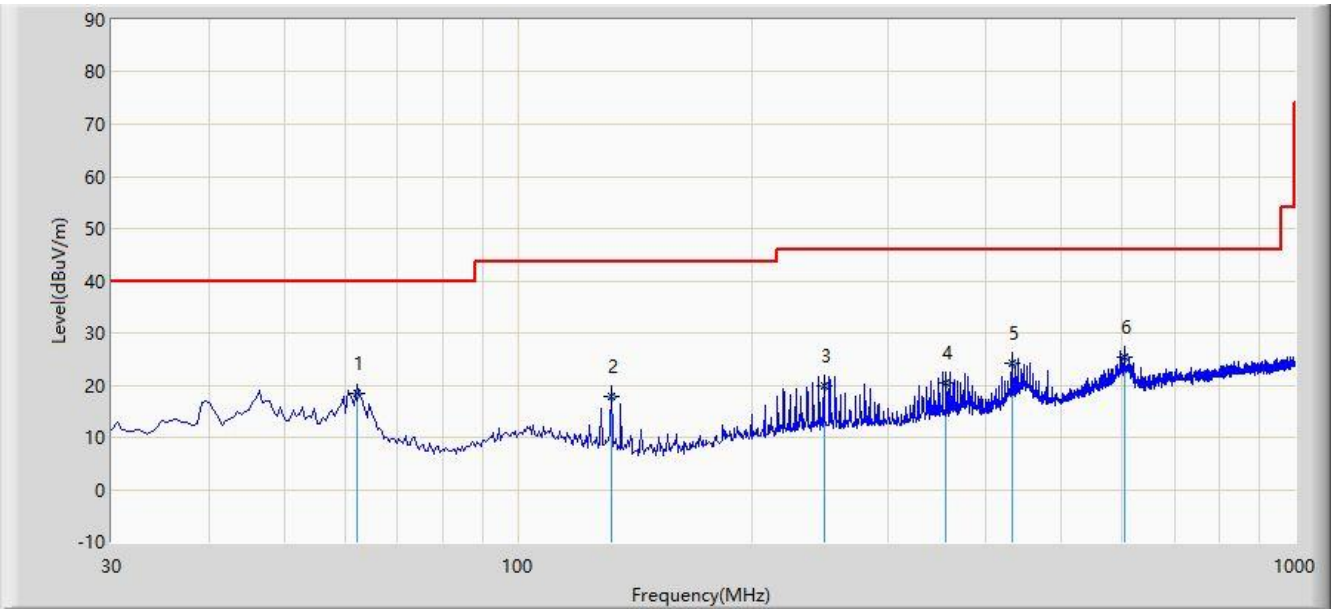
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			131.850	24.350	10.415	-19.150	43.500	13.935	QP
2			247.765	23.821	10.875	-22.179	46.000	12.946	QP
3			284.140	28.980	15.036	-17.020	46.000	13.944	QP
4			400.055	31.988	15.472	-14.012	46.000	16.516	QP
5			439.825	31.529	13.943	-14.471	46.000	17.586	QP
6		*	604.240	35.661	14.997	-10.339	46.000	20.665	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/03/11 - 13:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			62.010	18.280	5.244	-21.720	40.000	13.036	QP
2			131.850	17.721	3.786	-25.779	43.500	13.935	QP
3			247.765	19.914	6.968	-26.086	46.000	12.946	QP
4			355.920	20.505	4.882	-25.495	46.000	15.623	QP
5			432.065	24.135	6.745	-21.865	46.000	17.390	QP
6		*	604.240	25.458	4.794	-20.542	46.000	20.665	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15.209 Limits		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.10.2.Test Procedure Used

ANSI C63.10 - Section 6.3 (General Requirements)

ANSI C63.10 - Section 6.6 (Standard test method above 1GHz)

7.10.3.Test Setting

Peak Field Strength Measurements

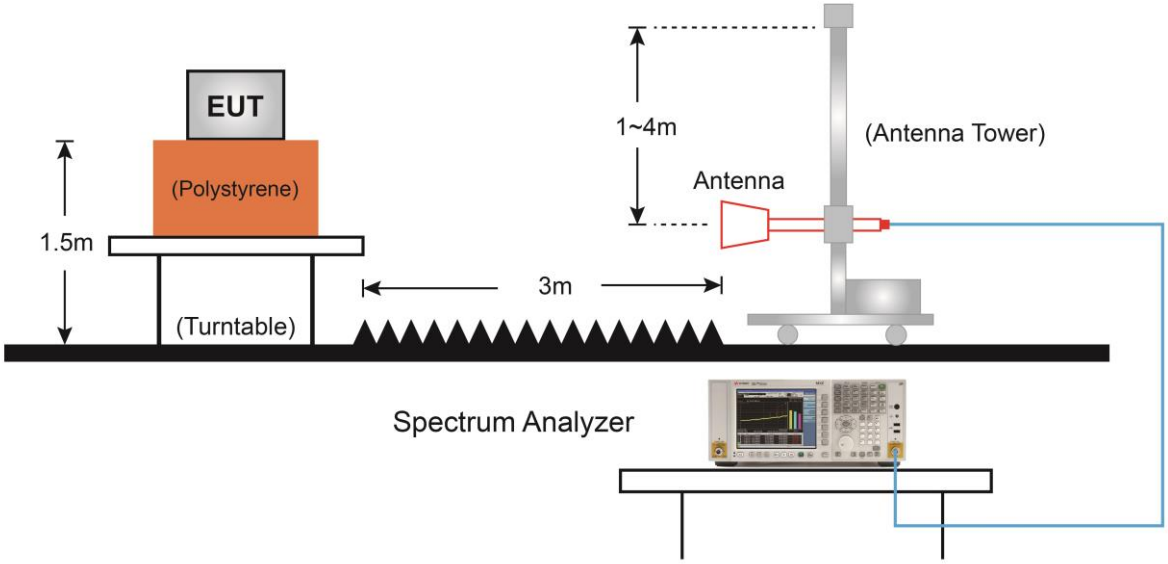
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10Hz

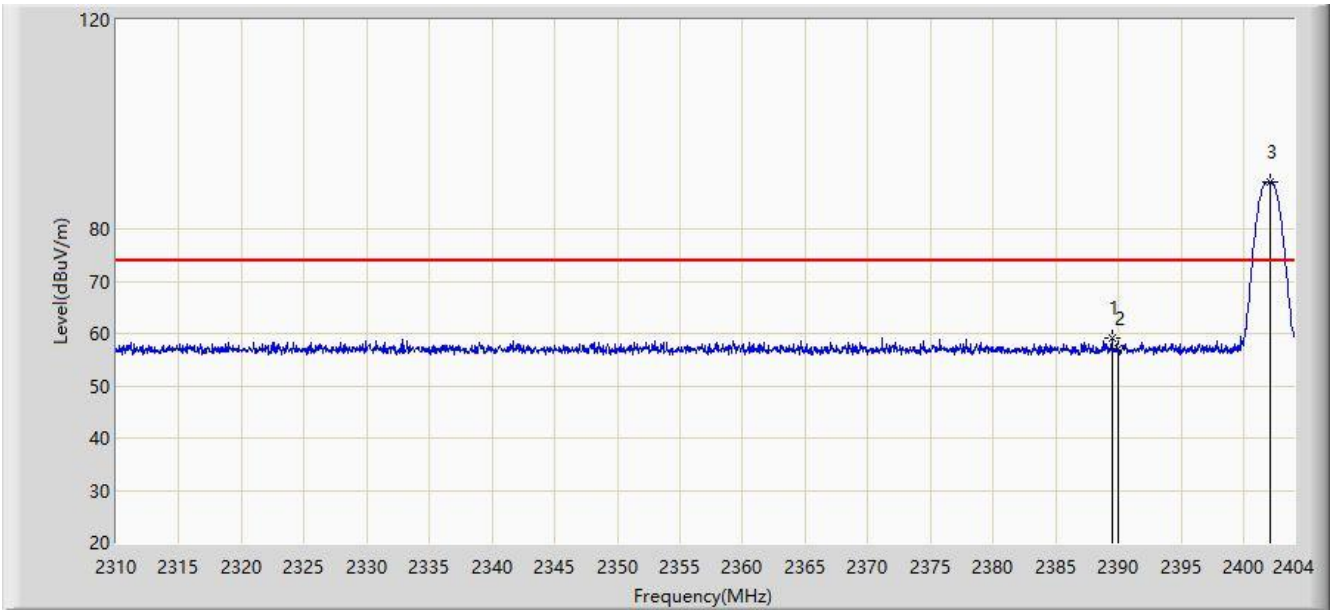
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration
4. Detector = Peak
5. Sweep time = Auto
6. Trace mode = Max hold
7. Trace was allowed to stabilize

7.10.4.Test Setup



7.10.5.Test Result

Site: AC1	Time: 2020/03/11 - 16:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

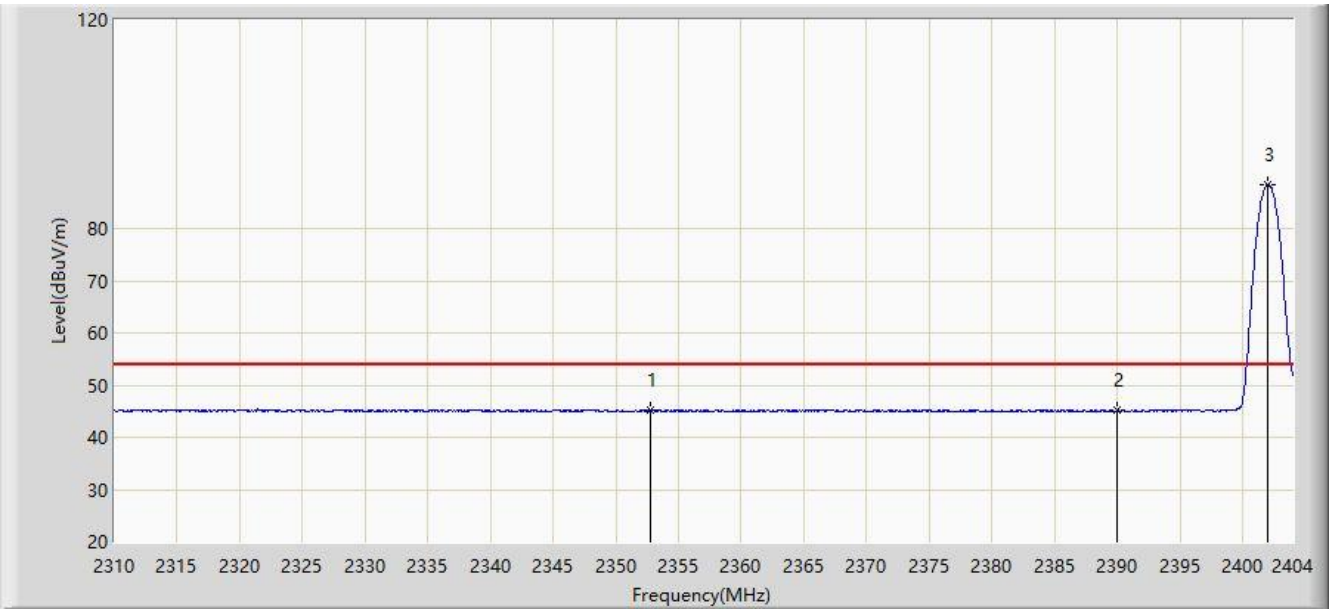


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.477	59.141	27.069	-14.859	74.000	32.072	PK
2			2390.000	57.108	25.036	-16.892	74.000	32.072	PK
3		*	2402.167	89.102	57.026	N/A	N/A	32.076	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

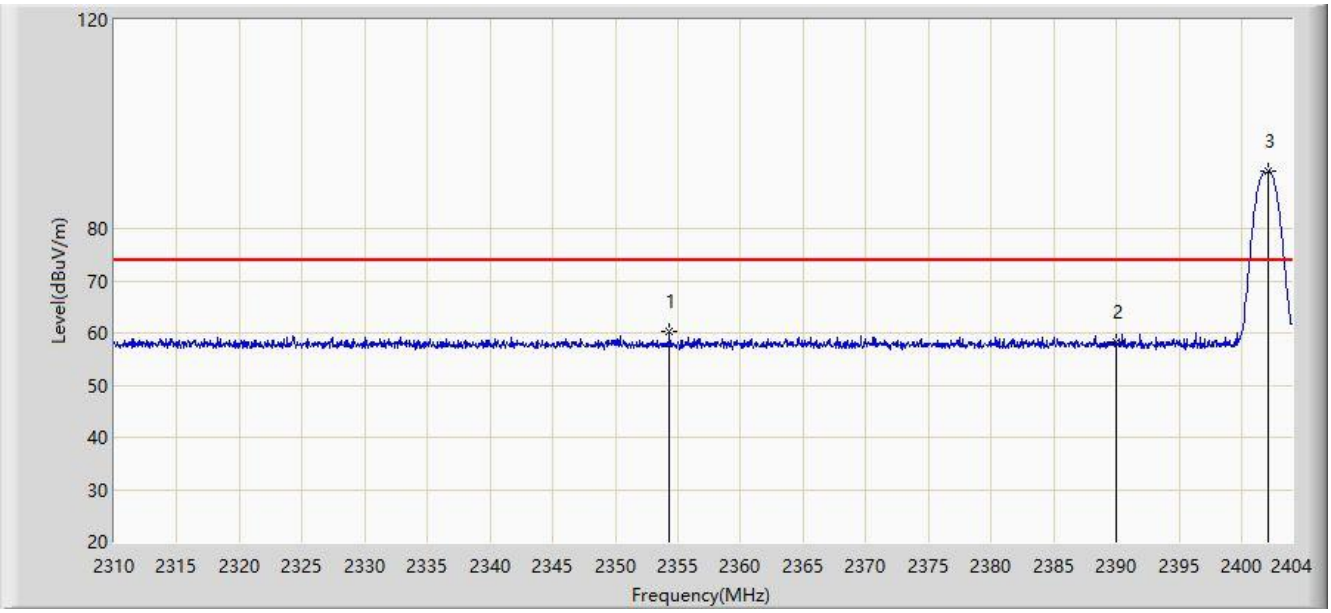


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.723	45.311	13.183	-8.689	54.000	32.129	AV
2			2390.000	45.104	13.032	-8.896	54.000	32.072	AV
3		*	2402.026	88.489	56.414	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

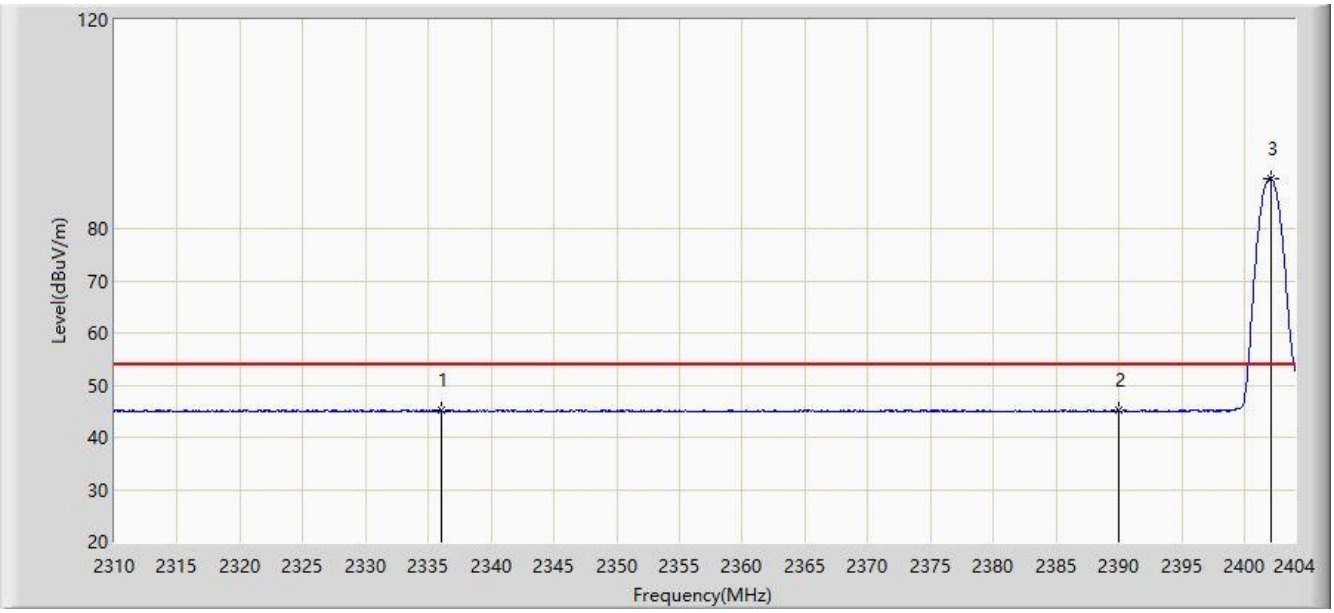


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.321	60.265	28.138	-13.735	74.000	32.127	PK
2			2390.000	58.237	26.165	-15.763	74.000	32.072	PK
3		*	2402.167	90.953	58.877	N/A	N/A	32.076	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

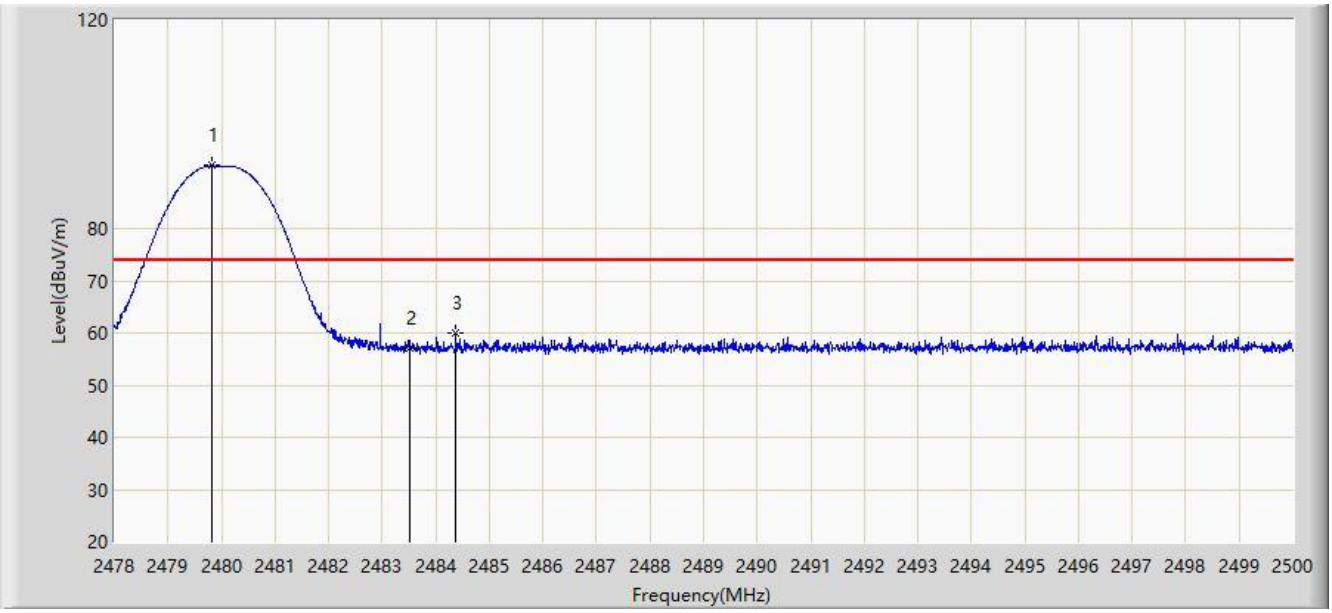


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2335.991	45.151	12.997	-8.849	54.000	32.154	AV
2			2390.000	45.078	13.006	-8.922	54.000	32.072	AV
3		*	2402.167	89.530	57.454	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

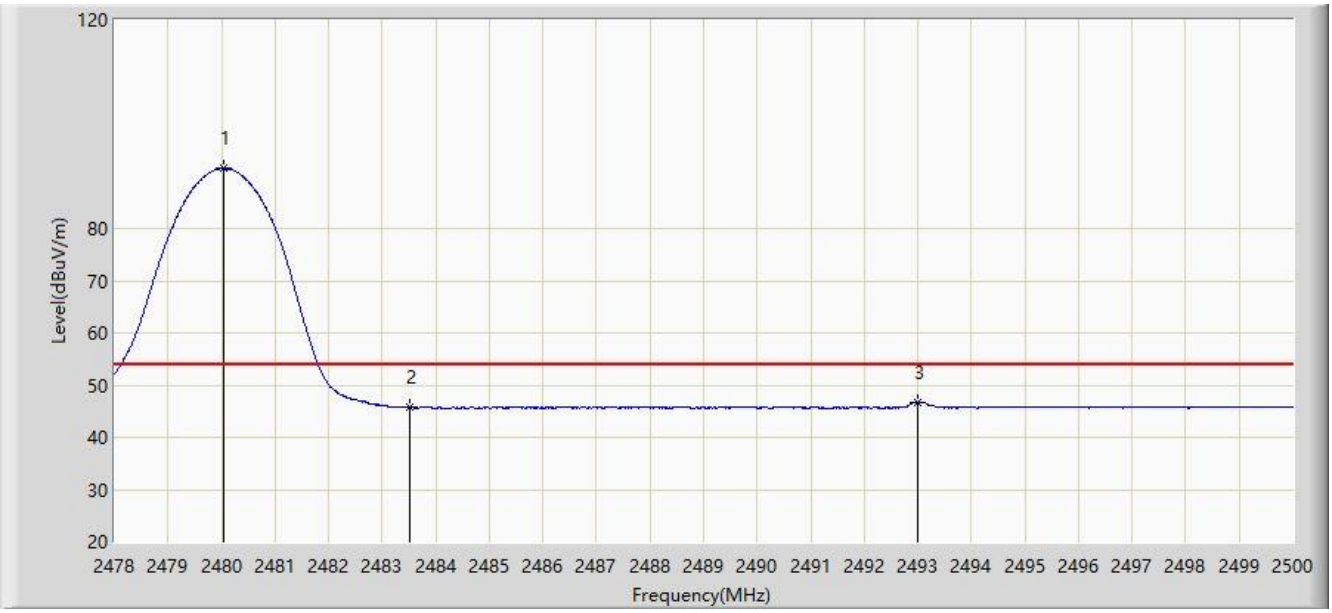


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.815	92.072	60.028	N/A	N/A	32.044	PK
2			2483.500	57.119	25.082	-16.881	74.000	32.037	PK
3			2484.380	60.023	27.988	-13.977	74.000	32.035	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

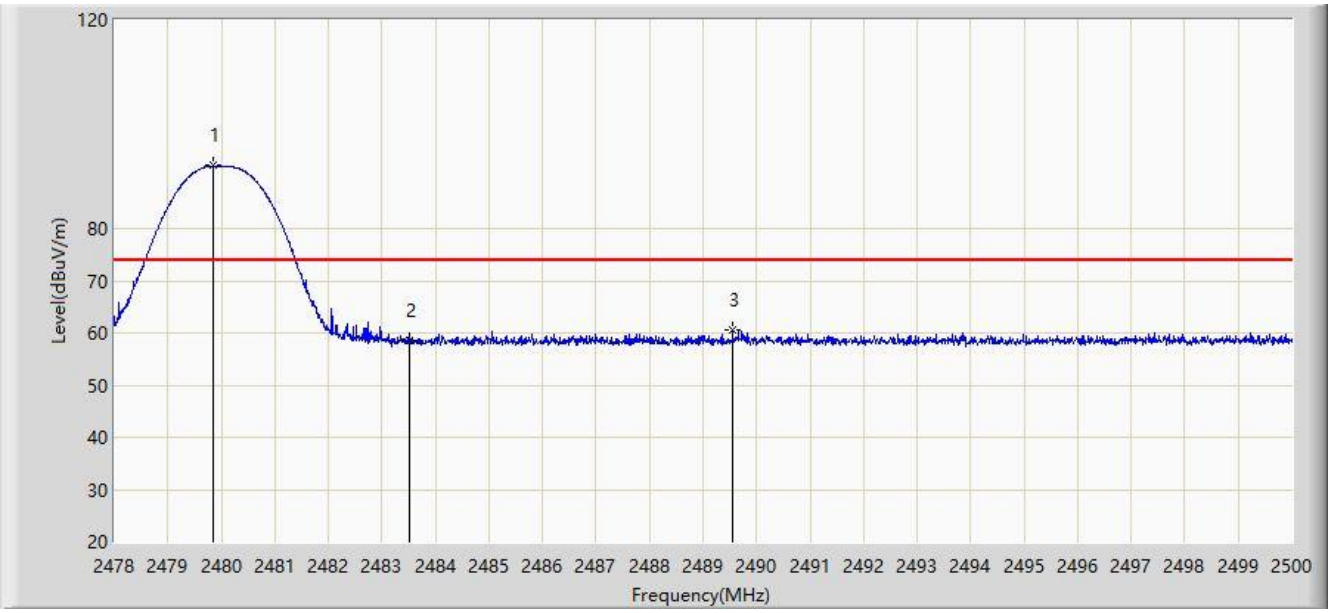


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	91.494	59.451	N/A	N/A	32.044	AV
2			2483.500	45.731	13.694	-8.269	54.000	32.037	AV
3			2492.993	46.792	14.773	-7.208	54.000	32.019	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

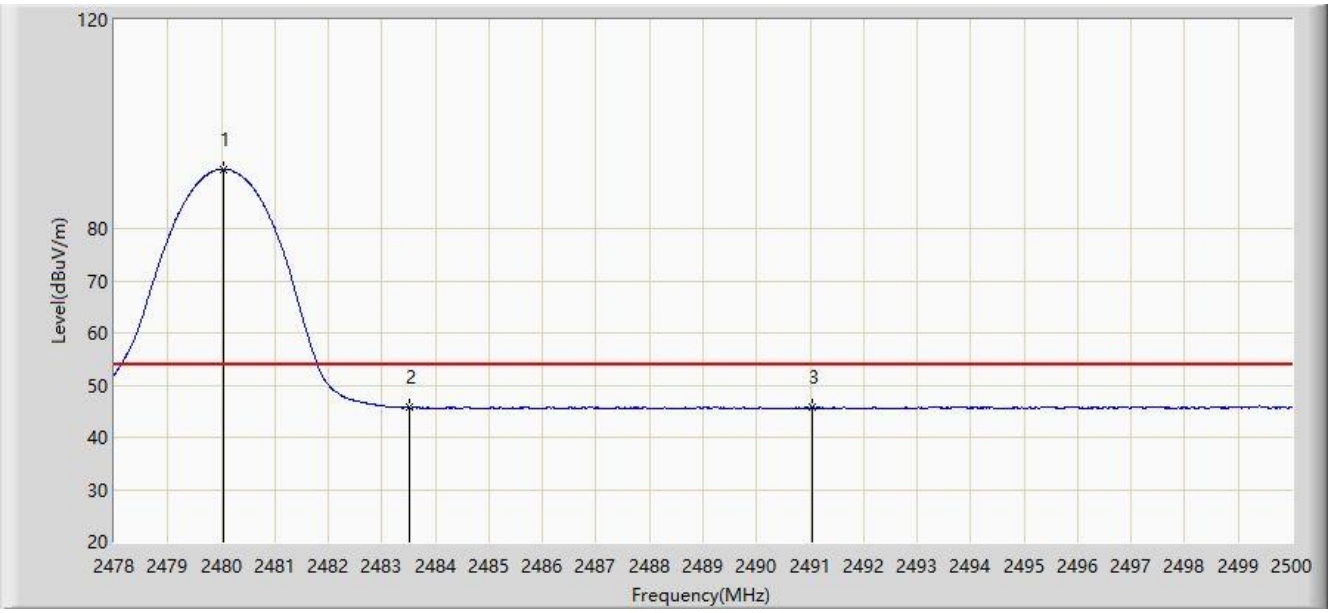


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.848	92.035	59.991	N/A	N/A	32.044	PK
2			2483.500	58.546	26.509	-15.454	74.000	32.037	PK
3			2489.550	60.543	28.517	-13.457	74.000	32.025	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

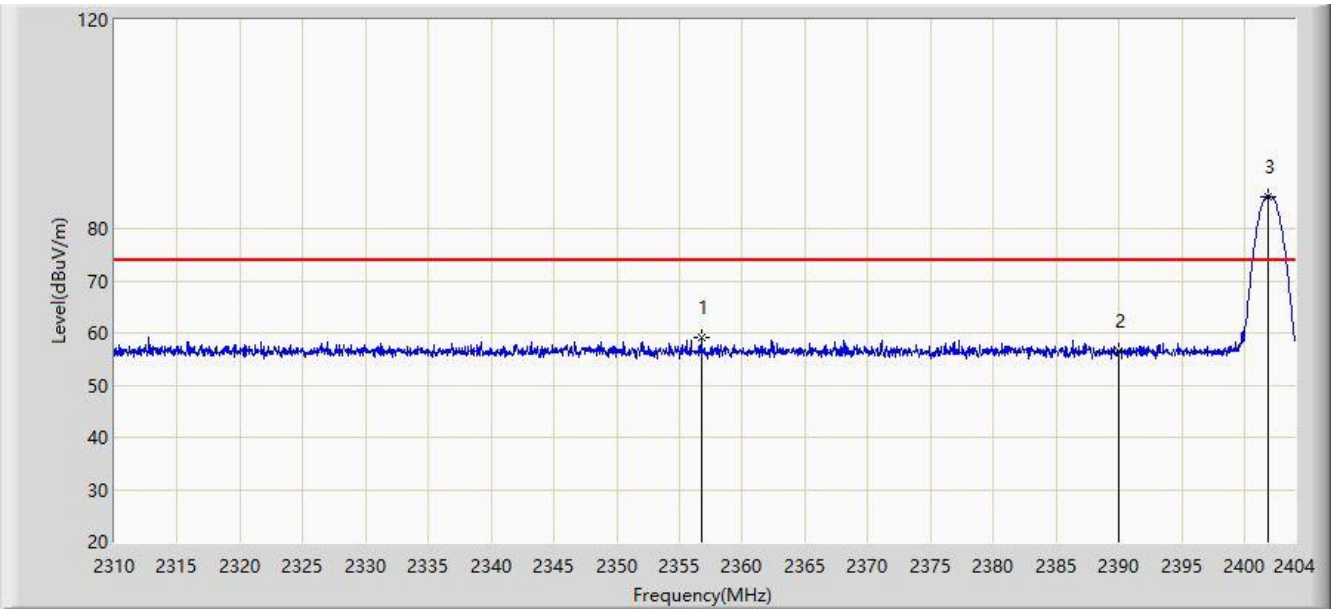


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.035	91.395	59.351	N/A	N/A	32.044	AV
2			2483.500	45.703	13.666	-8.297	54.000	32.037	AV
3			2491.046	45.740	13.717	-8.260	54.000	32.023	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

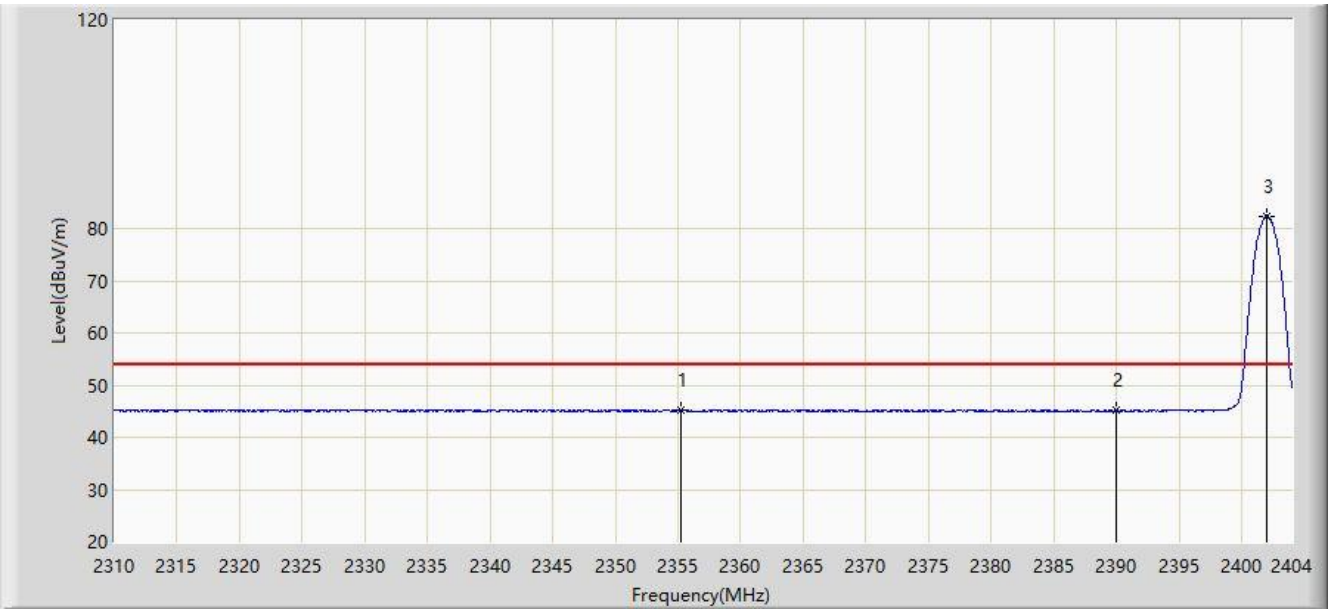


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2356.718	59.148	27.023	-14.852	74.000	32.125	PK
2			2390.000	56.442	24.370	-17.558	74.000	32.072	PK
3		*	2401.885	86.079	54.004	N/A	N/A	32.075	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

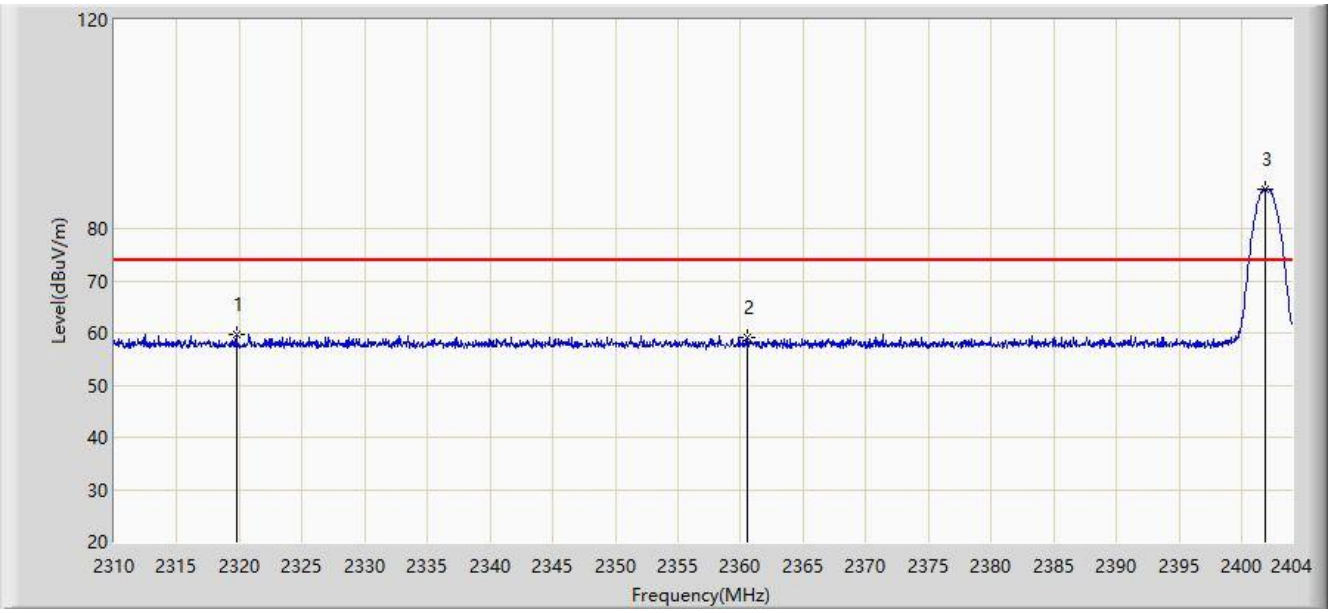


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2355.214	45.318	13.192	-8.682	54.000	32.126	AV
2			2390.000	45.094	13.022	-8.906	54.000	32.072	AV
3		*	2402.026	82.409	50.334	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 16:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

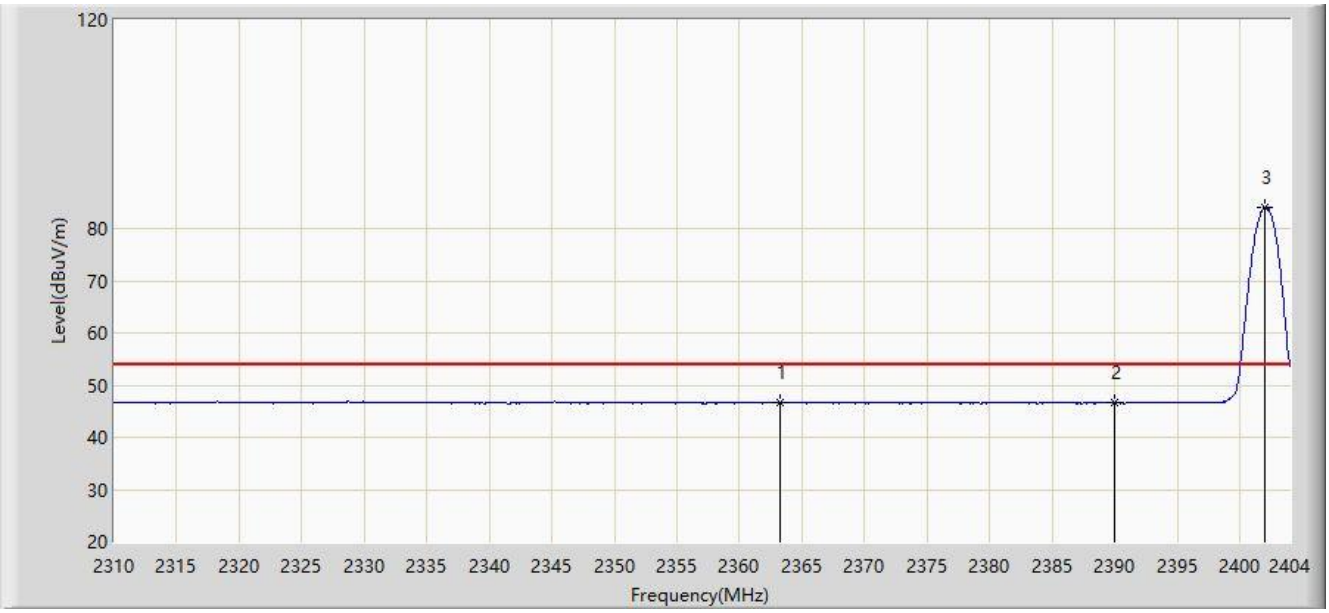


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2319.729	59.751	27.562	-14.249	74.000	32.190	PK
2			2360.525	59.038	26.917	-14.962	74.000	32.121	PK
3		*	2401.885	87.657	55.582	N/A	N/A	32.075	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

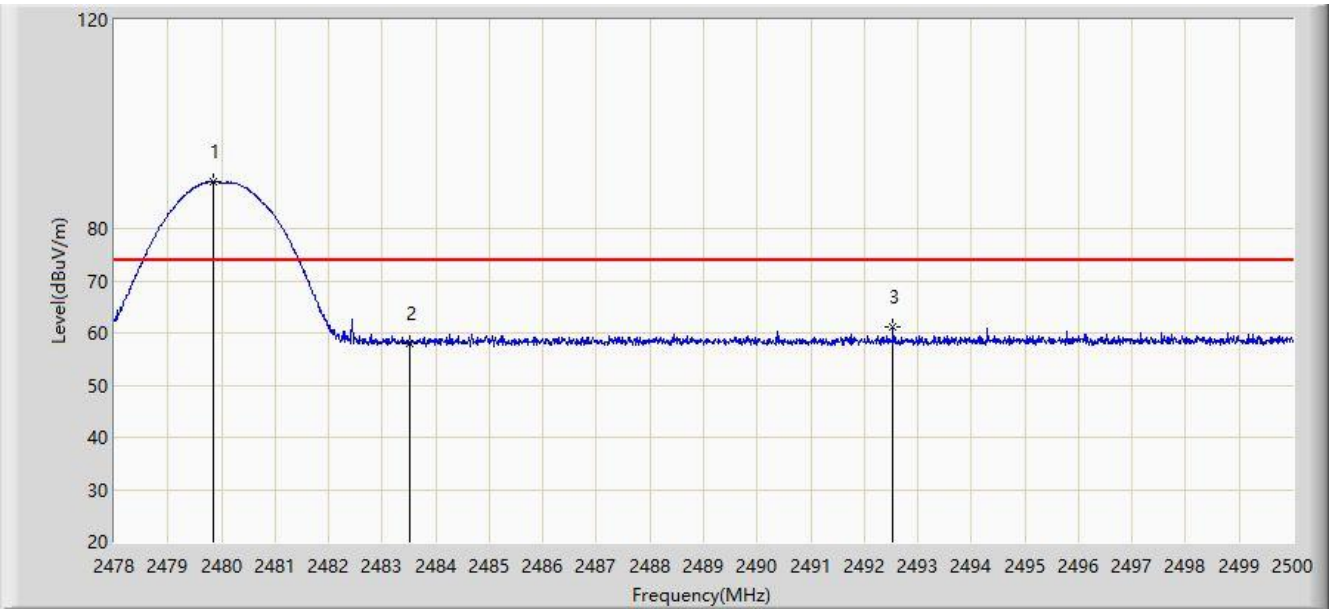


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.298	46.808	14.695	-7.192	54.000	32.113	AV
2			2390.000	46.587	14.515	-7.413	54.000	32.072	AV
3		*	2402.026	84.122	52.047	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

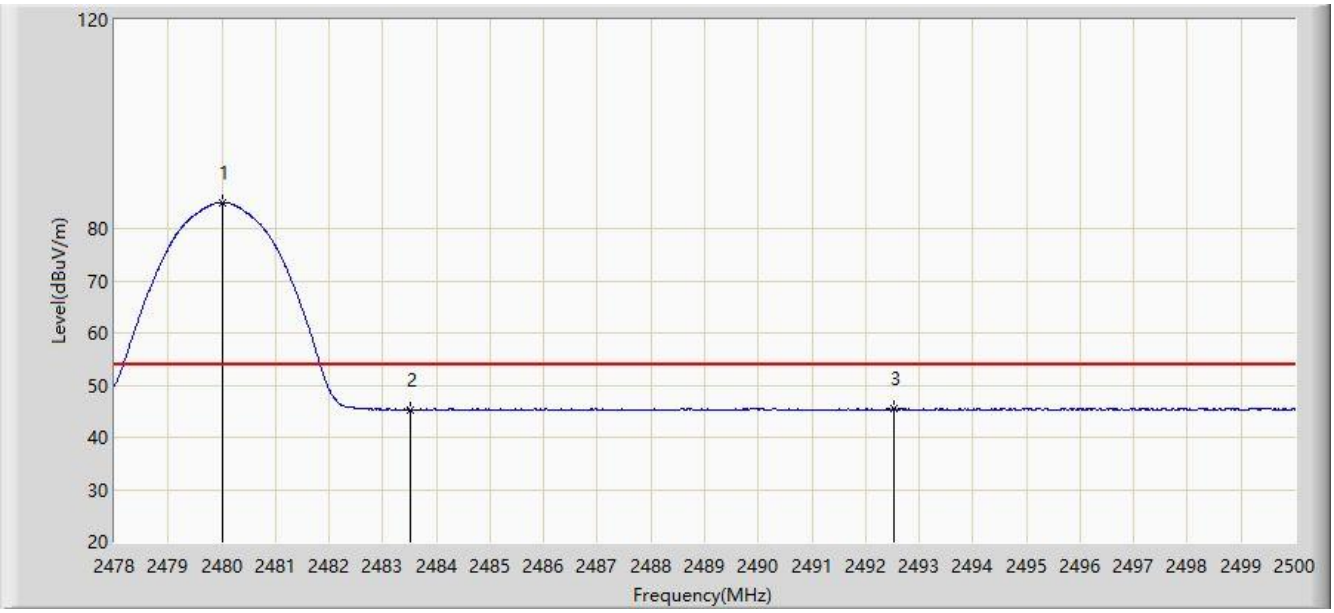


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	89.029	56.985	N/A	N/A	32.044	PK
2			2483.500	57.918	25.881	-16.082	74.000	32.037	PK
3			2492.542	61.152	29.132	-12.848	74.000	32.020	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

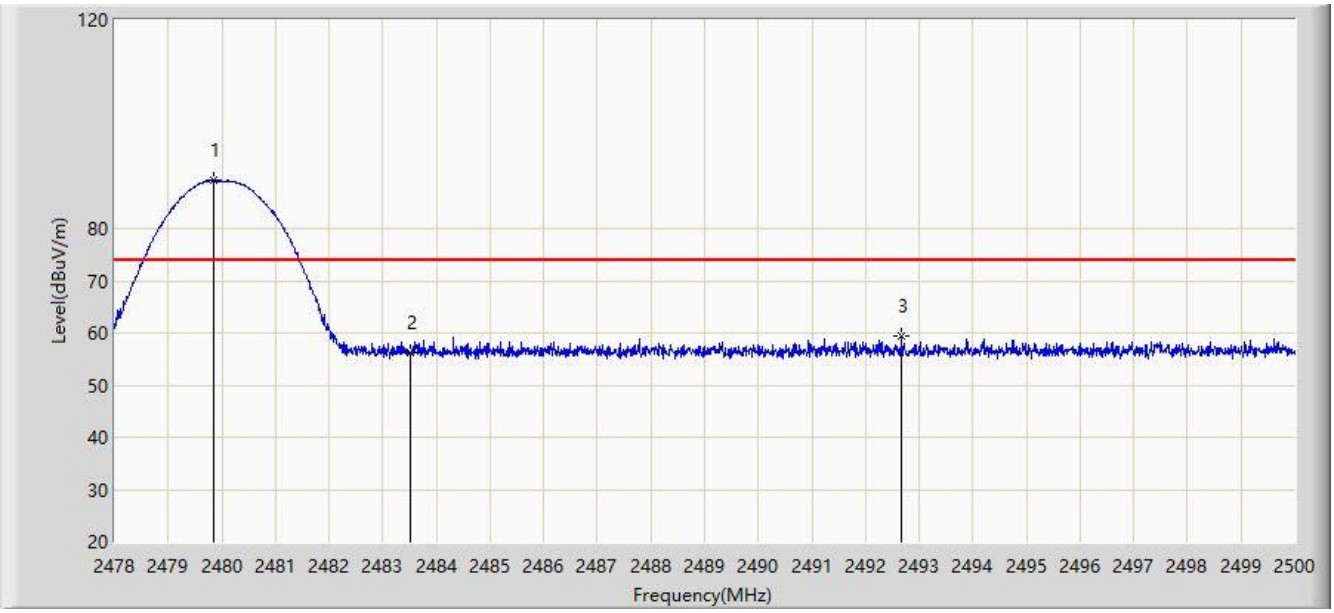


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.024	85.038	52.994	N/A	N/A	32.044	AV
2			2483.500	45.291	13.254	-8.709	54.000	32.037	AV
3			2492.542	45.489	13.469	-8.511	54.000	32.020	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

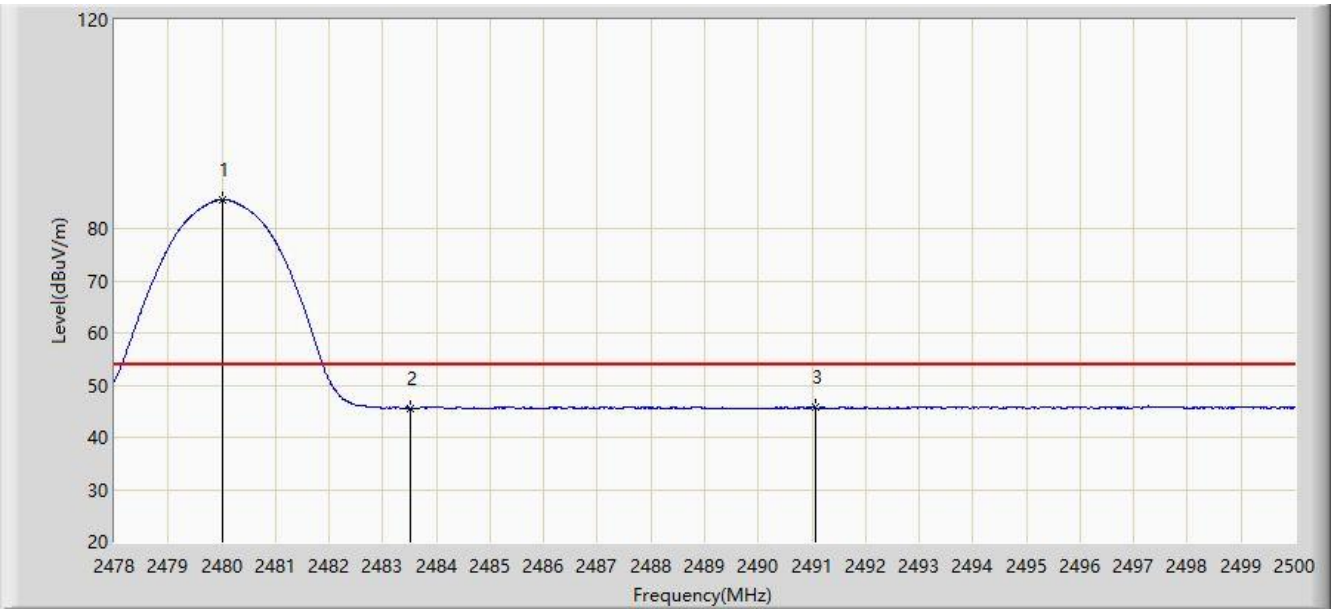


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	89.309	57.265	N/A	N/A	32.044	PK
2			2483.500	56.177	24.140	-17.823	74.000	32.037	PK
3			2492.674	59.564	27.544	-14.436	74.000	32.020	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

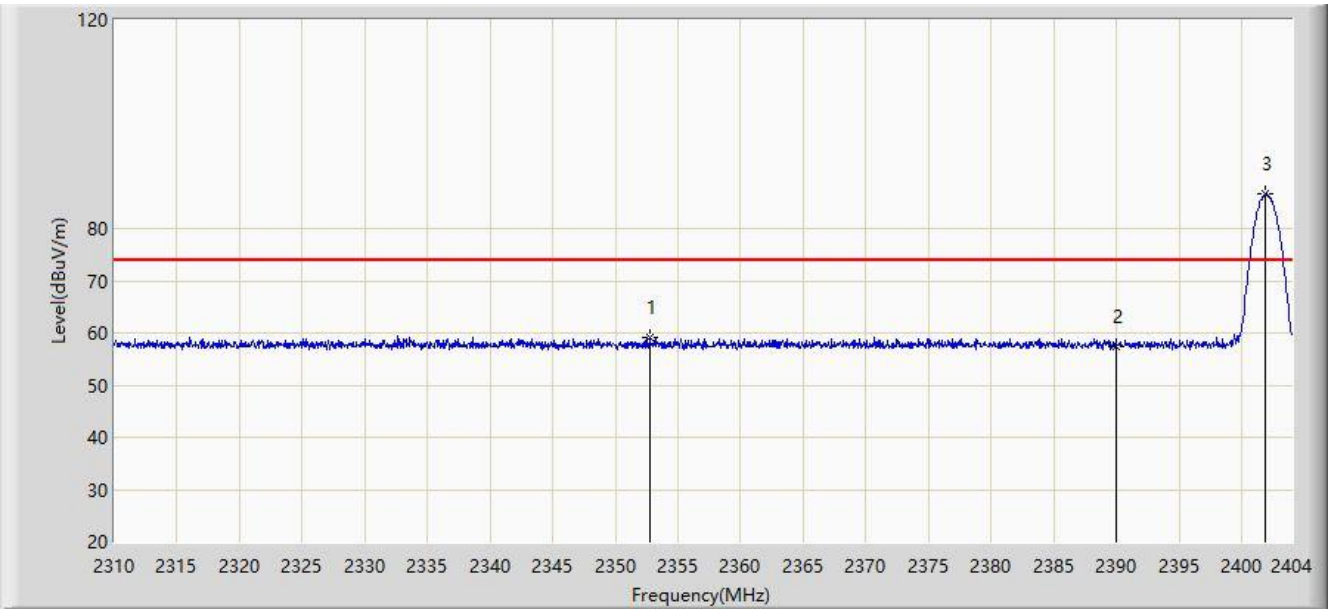


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.024	85.510	53.466	N/A	N/A	32.044	AV
2			2483.500	45.614	13.577	-8.386	54.000	32.037	AV
3			2491.057	45.709	13.686	-8.291	54.000	32.023	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

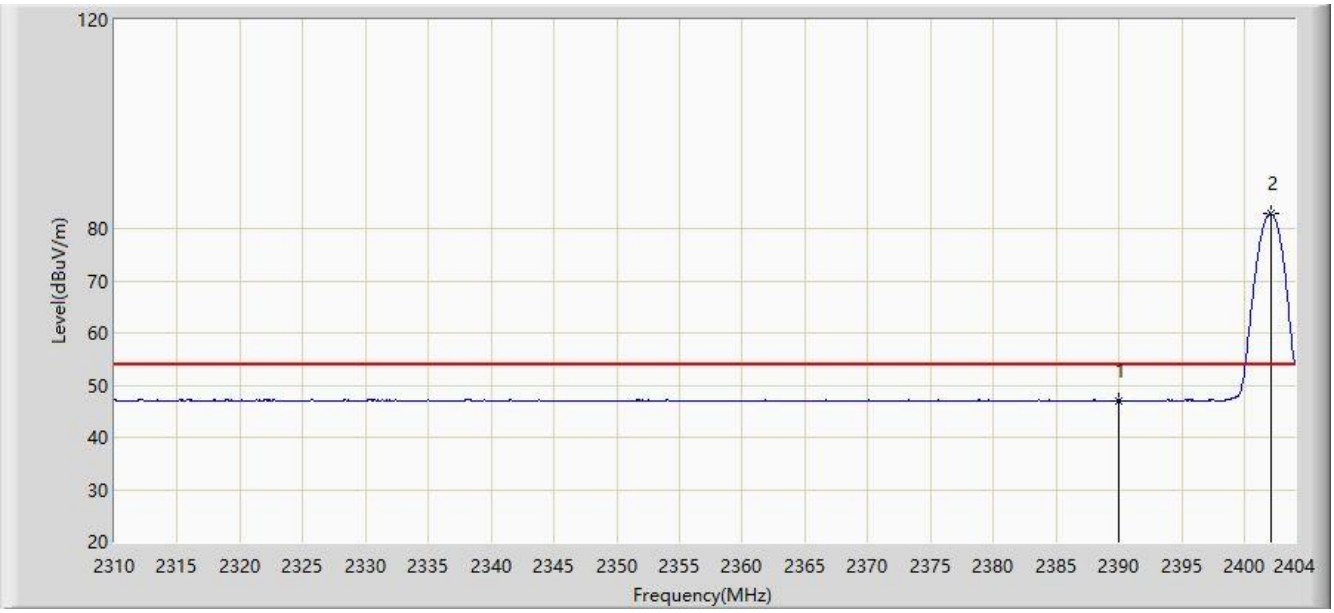


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.723	59.076	26.948	-14.924	74.000	32.129	PK
2			2390.000	57.512	25.440	-16.488	74.000	32.072	PK
3		*	2401.932	86.611	54.536	N/A	N/A	32.075	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

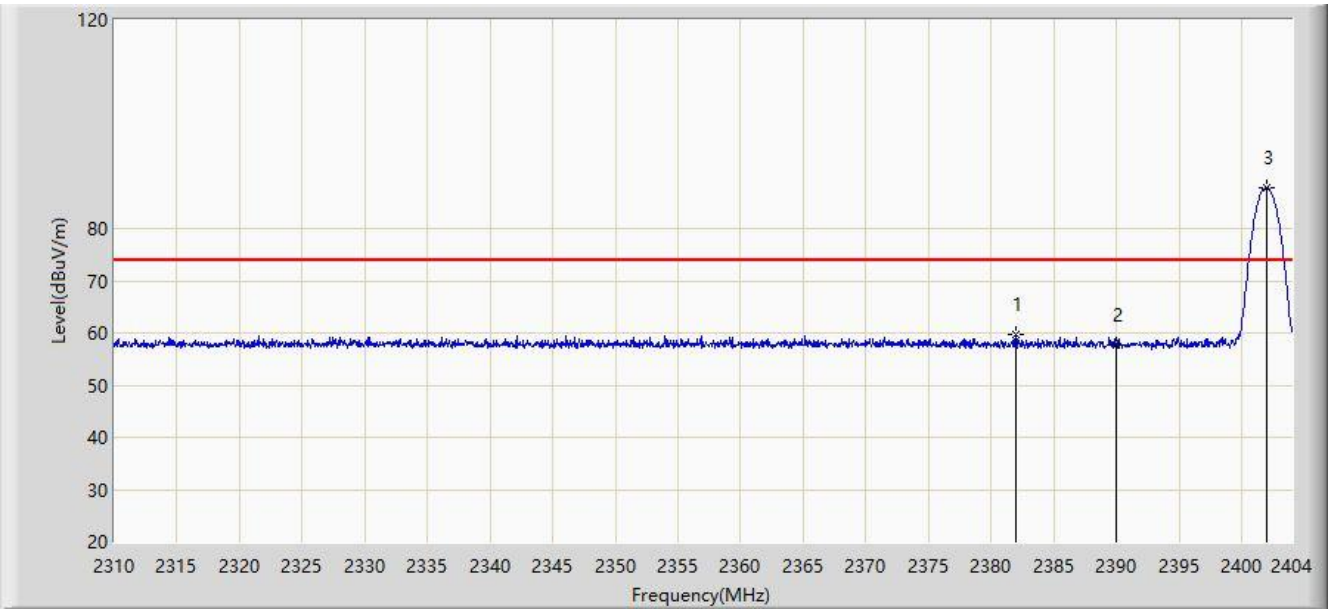


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.990	14.918	-7.010	54.000	32.072	AV
2		*	2402.120	82.836	50.761	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

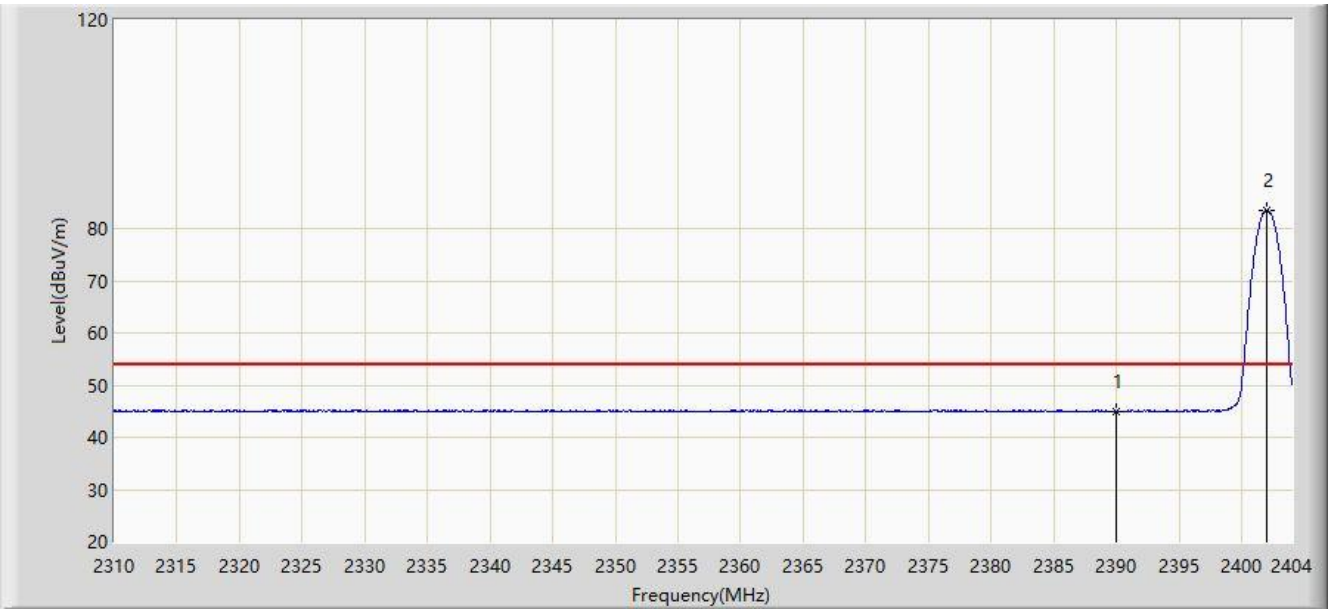


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.957	59.744	27.669	-14.256	74.000	32.075	PK
2			2390.000	57.796	25.724	-16.204	74.000	32.072	PK
3		*	2402.026	87.955	55.880	N/A	N/A	32.076	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

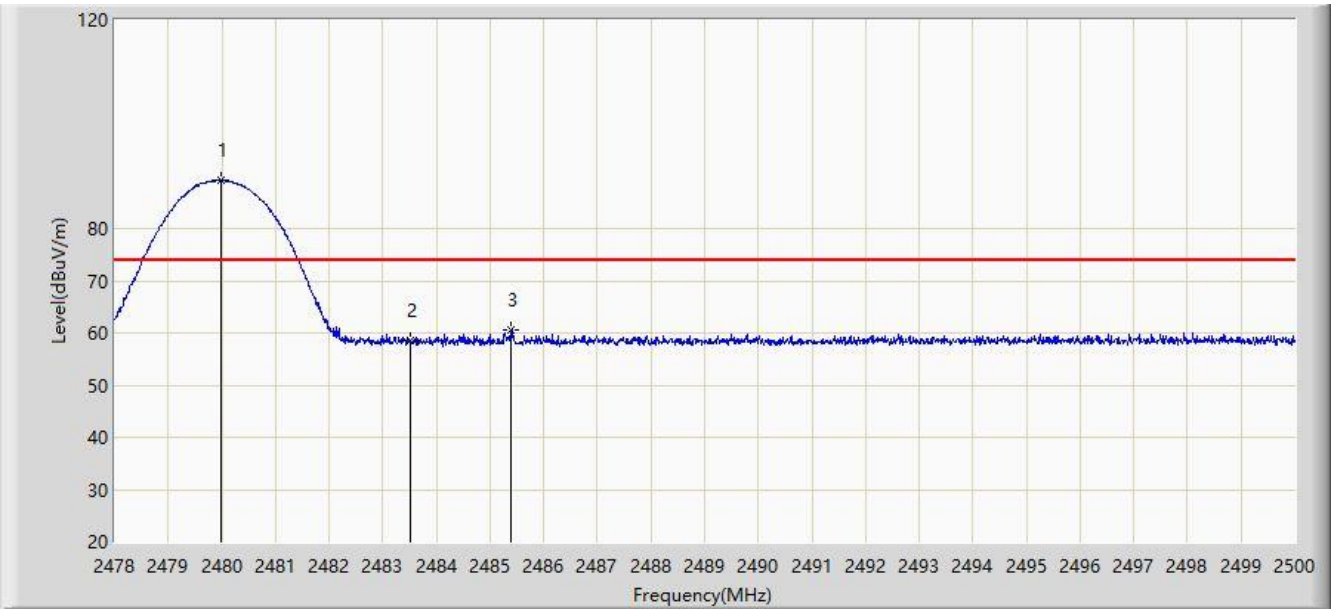


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.041	12.969	-8.959	54.000	32.072	AV
2		*	2402.028	83.534	51.459	N/A	N/A	32.076	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

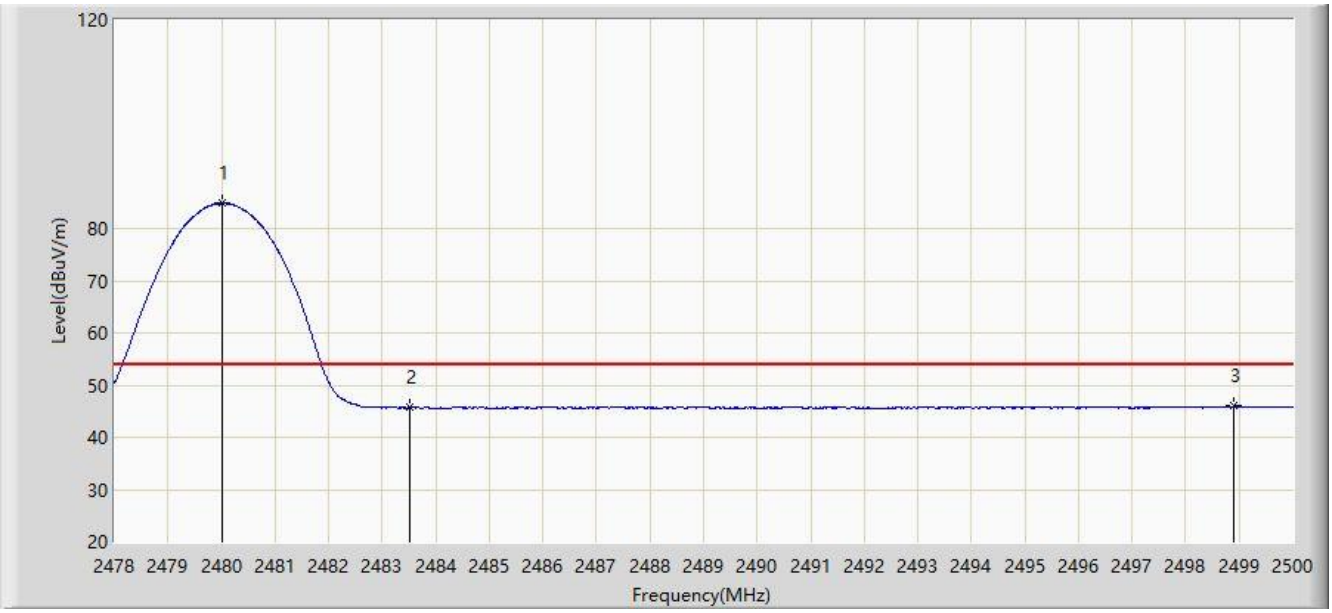


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.991	89.348	57.304	N/A	N/A	32.044	PK
2			2483.500	58.520	26.483	-15.480	74.000	32.037	PK
3			2485.381	60.642	28.609	-13.358	74.000	32.033	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

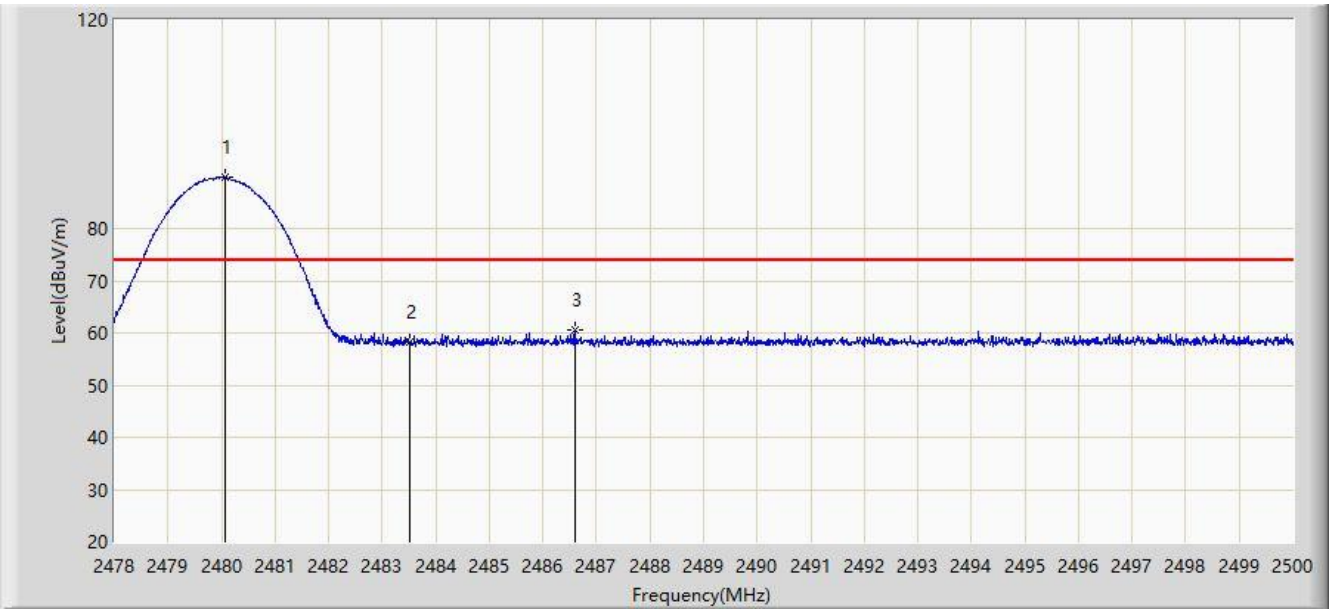


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.013	84.823	52.779	N/A	N/A	32.044	AV
2			2483.500	45.691	13.654	-8.309	54.000	32.037	AV
3			2498.900	45.943	13.923	-8.057	54.000	32.020	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

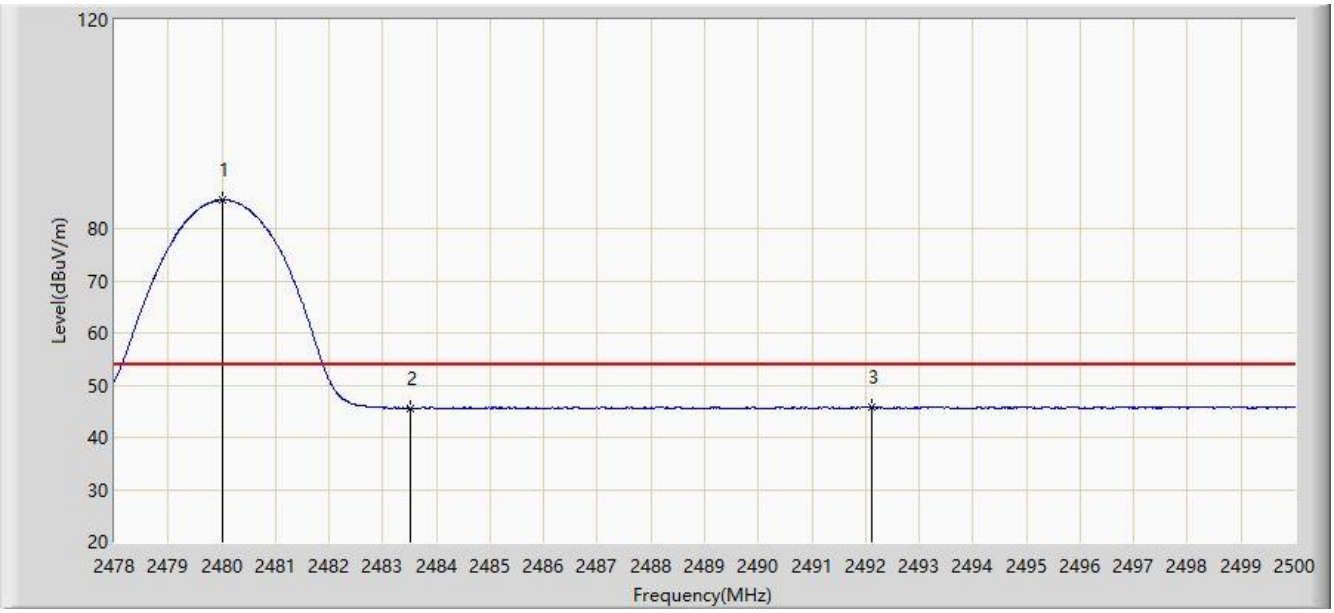


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.068	89.820	57.777	N/A	N/A	32.043	PK
2			2483.500	58.353	26.316	-15.647	74.000	32.037	PK
3			2486.591	60.517	28.486	-13.483	74.000	32.031	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC1	Time: 2020/03/11 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Flay Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Monster Bluetooth Headphones	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.024	85.461	53.417	N/A	N/A	32.044	AV
2			2483.500	45.615	13.578	-8.385	54.000	32.037	AV
3			2492.113	45.804	13.783	-8.196	54.000	32.020	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

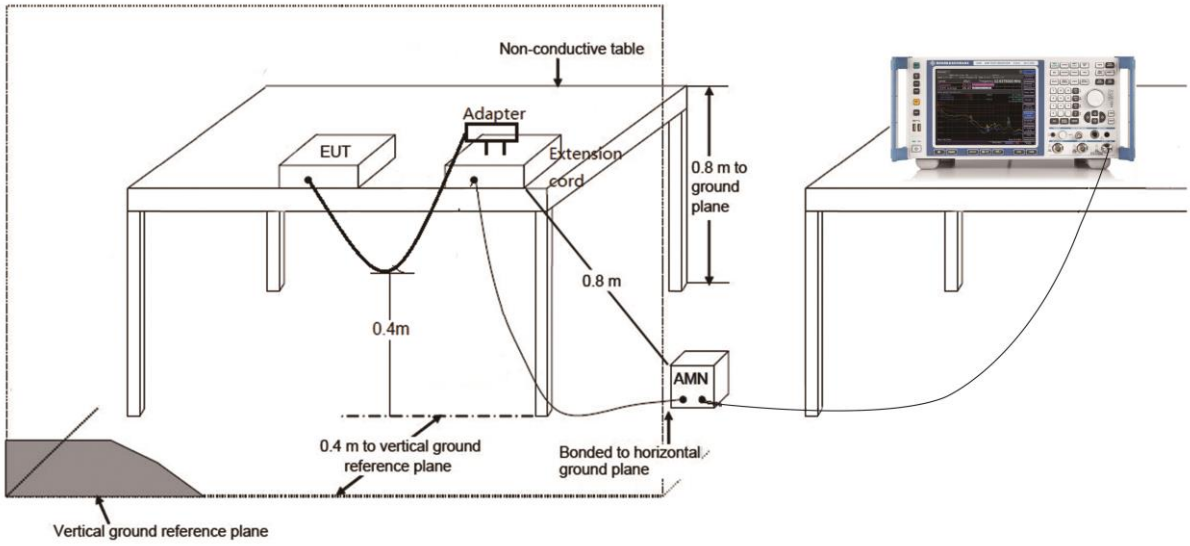
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.11. AC Conducted Emissions Measurement

7.11.1.Test Limit

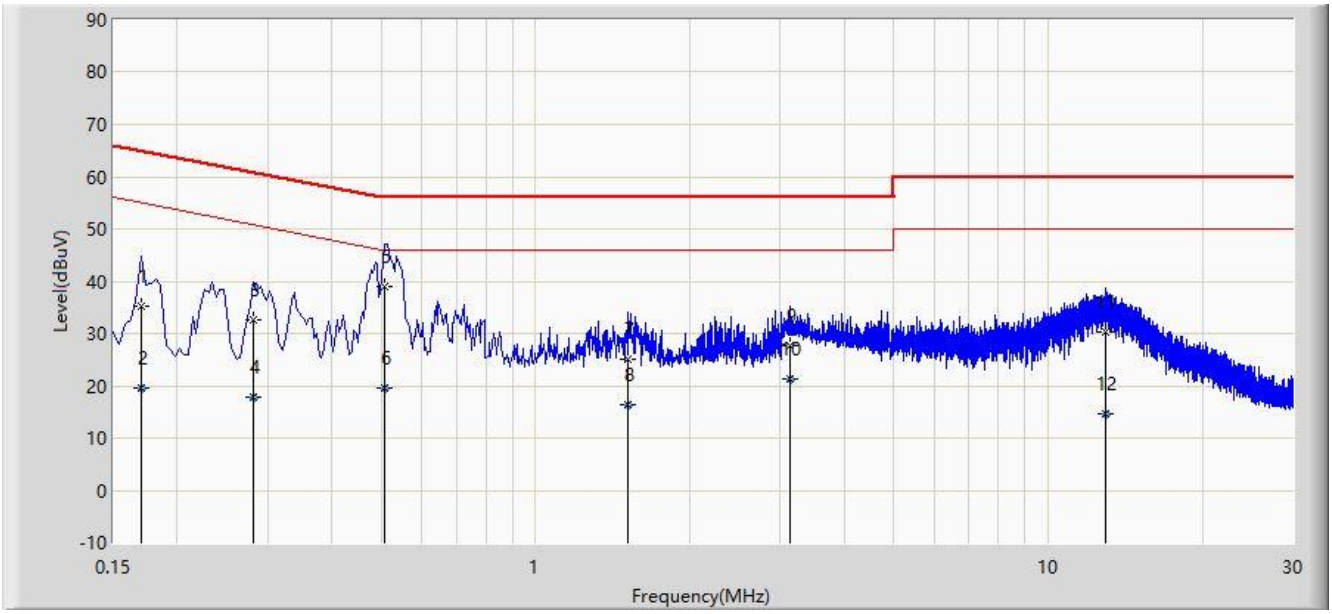
FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.11.2.Test Setup



7.11.3.Test Result

Site: SR2	Time: 2020/03/11 - 18:10
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Monster Bluetooth Headphones	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	

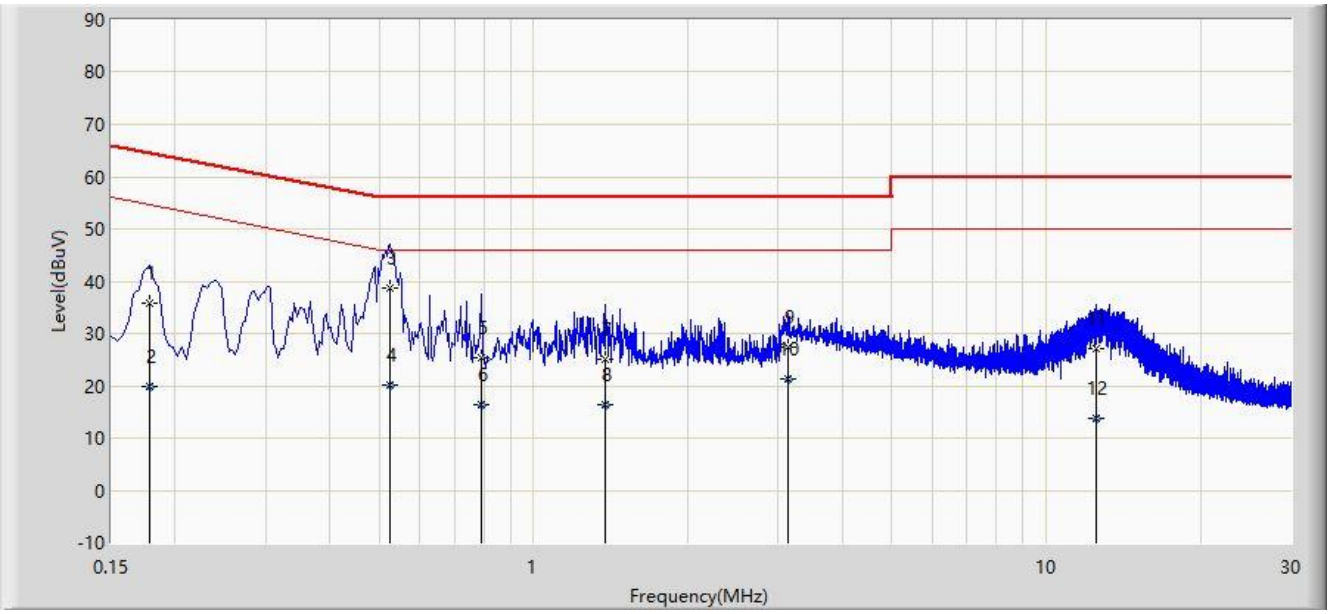


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.170	35.073	24.985	-29.887	64.960	10.089	QP
2			0.170	19.469	9.381	-35.491	54.960	10.089	AV
3			0.282	32.586	22.499	-28.171	60.757	10.087	QP
4			0.282	17.852	7.765	-32.905	50.757	10.087	AV
5		*	0.506	39.078	28.820	-16.922	56.000	10.258	QP
6			0.506	19.592	9.334	-26.408	46.000	10.258	AV
7			1.518	24.972	14.858	-31.028	56.000	10.114	QP
8			1.518	16.305	6.191	-29.695	46.000	10.114	AV
9			3.142	27.645	17.420	-28.355	56.000	10.225	QP
10			3.142	21.435	11.210	-24.565	46.000	10.225	AV
11			12.930	30.288	20.058	-29.712	60.000	10.230	QP
12			12.930	14.666	4.436	-35.334	50.000	10.230	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2020/03/11 - 18:15
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Monster Bluetooth Headphones	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2441MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.178	35.775	25.703	-28.803	64.578	10.072	QP
2			0.178	19.914	9.842	-34.664	54.578	10.072	AV
3		*	0.526	38.656	28.361	-17.344	56.000	10.295	QP
4			0.526	20.262	9.967	-25.738	46.000	10.295	AV
5			0.790	25.344	15.208	-30.656	56.000	10.137	QP
6			0.790	16.303	6.167	-29.697	46.000	10.137	AV
7			1.382	25.115	15.026	-30.885	56.000	10.090	QP
8			1.382	16.266	6.177	-29.734	46.000	10.090	AV
9			3.134	27.262	17.051	-28.738	56.000	10.211	QP
10			3.134	21.284	11.073	-24.716	46.000	10.211	AV
11			12.506	26.969	16.710	-33.031	60.000	10.259	QP
12			12.506	13.865	3.606	-36.135	50.000	10.259	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15C of the FCC rules.

The End

Appendix A - Test Setup Photograph

Refer to “2003RSU022-UT” file.

Appendix B - EUT Photograph

Refer to “2003RSU022-UE” file.