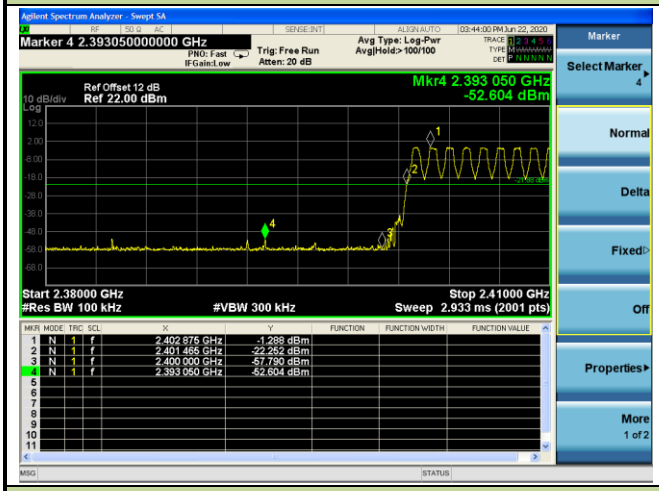
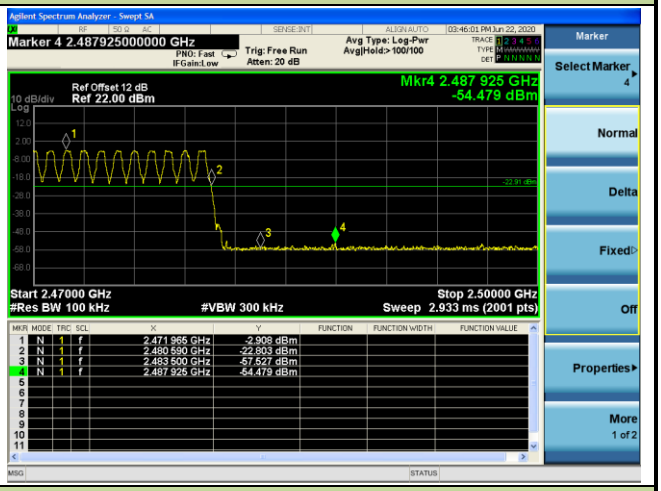
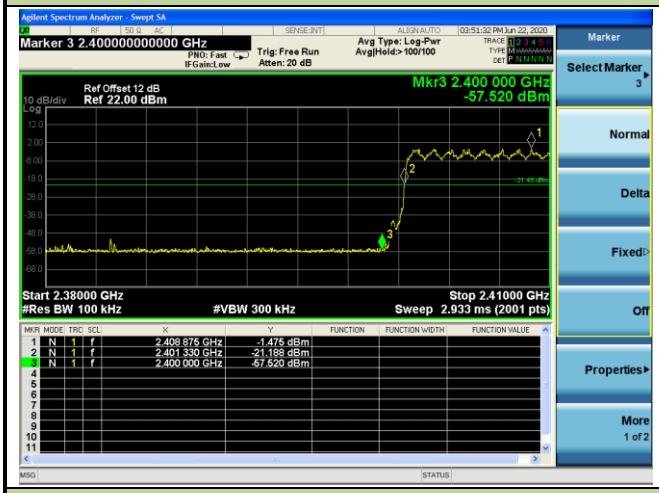
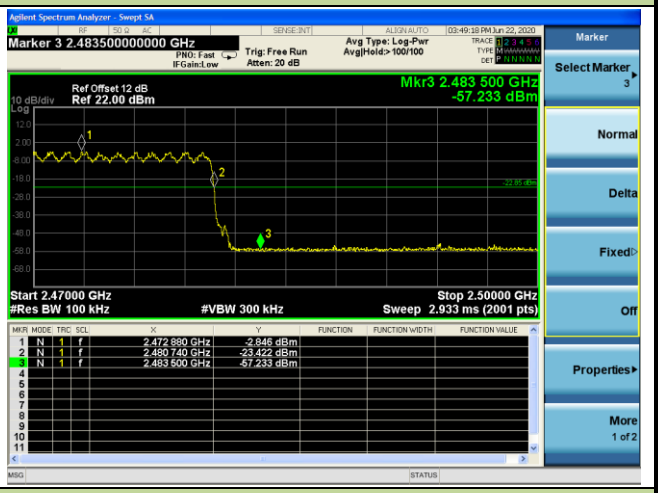
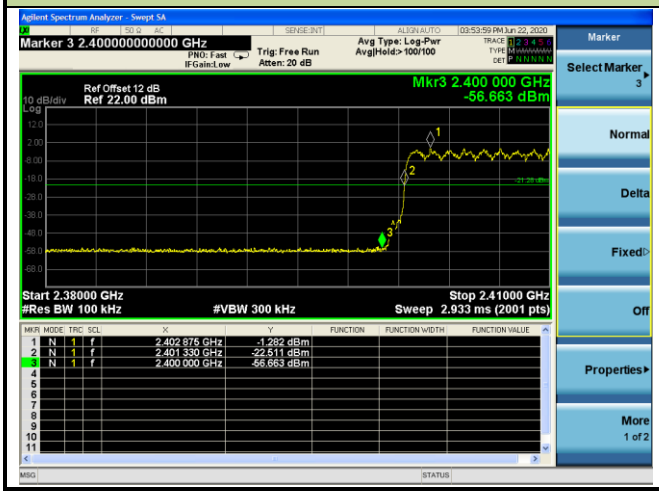
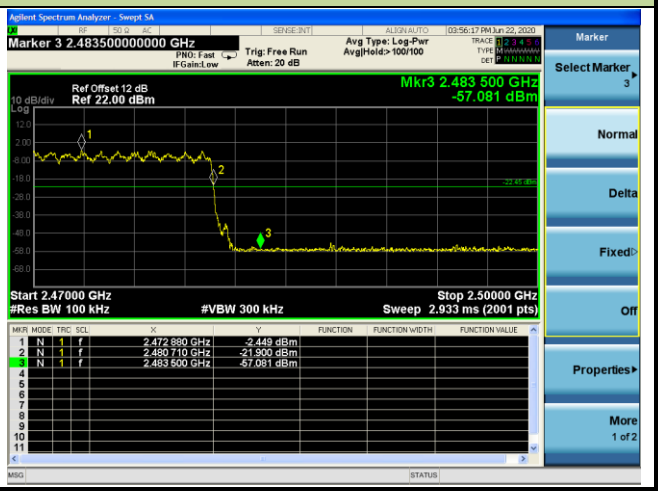
Operation Frequency Range of 20dB Bandwidth within Hopping Mode	
Channel 00 (2402MHz)	**Channel 78 (2480MHz)**
	
Channel 00 (2402MHz)	**Channel 78 (2480MHz)**
	
Channel 00 (2402MHz)	**Channel 78 (2480MHz)**
	

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. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

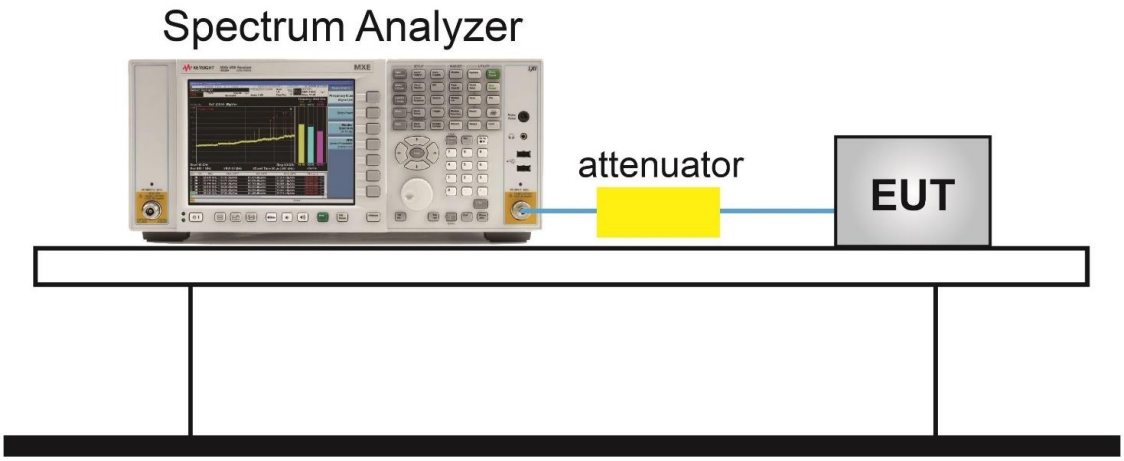
7.8.2.Test Procedure Used

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



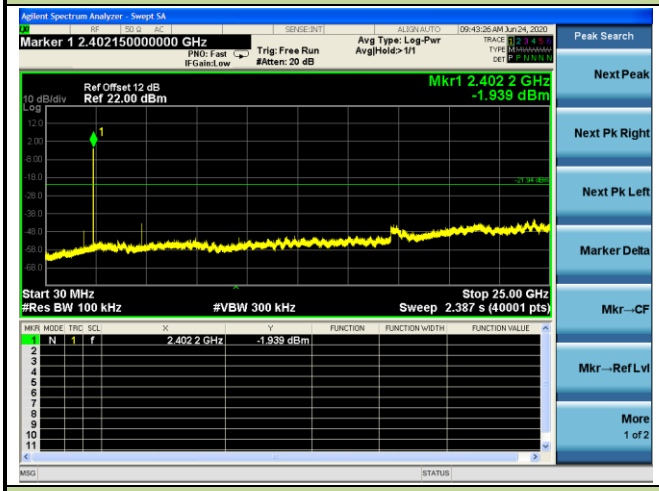
7.8.5.Test Result

Product	WIRELESS SPEAKER	Test Engineer	Lewis Huang
Test Site	TR3	Test Date	2020/06/24

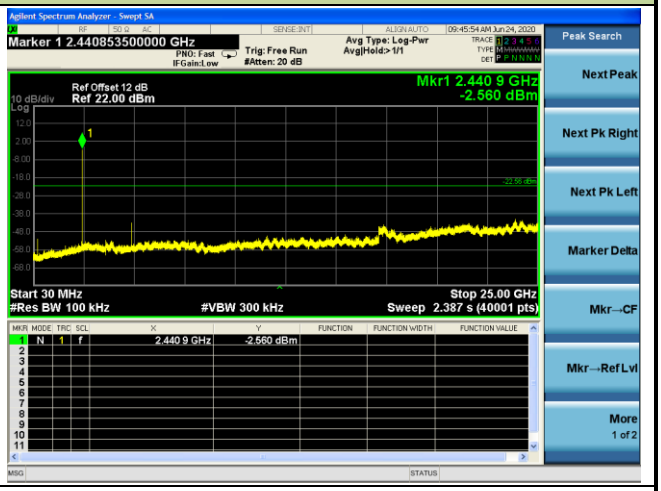
Test Mode	Channel No.	Frequency (MHz)	Limit	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

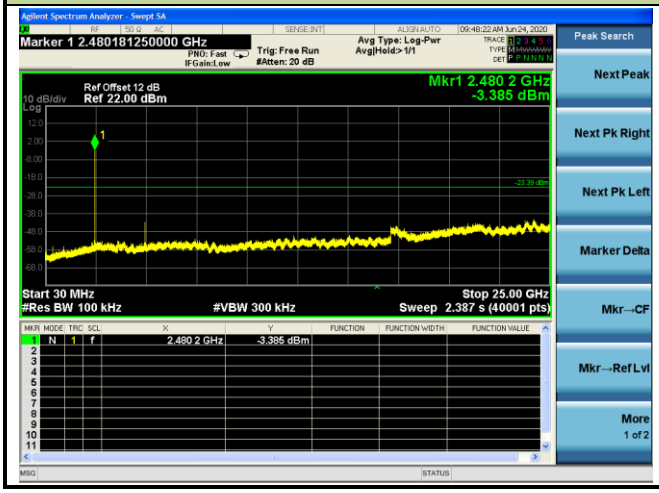
Channel 00 (2402MHz)



Channel 39 (2441MHz)

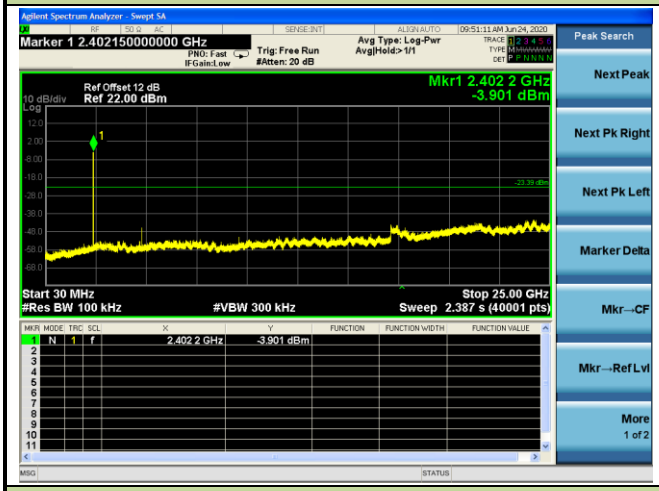


Channel 78 (2480MHz)

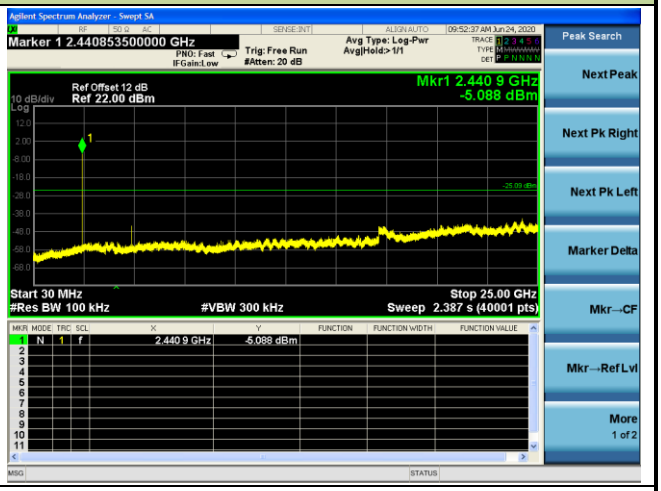


2DH5 Conducted Spurious Emissions

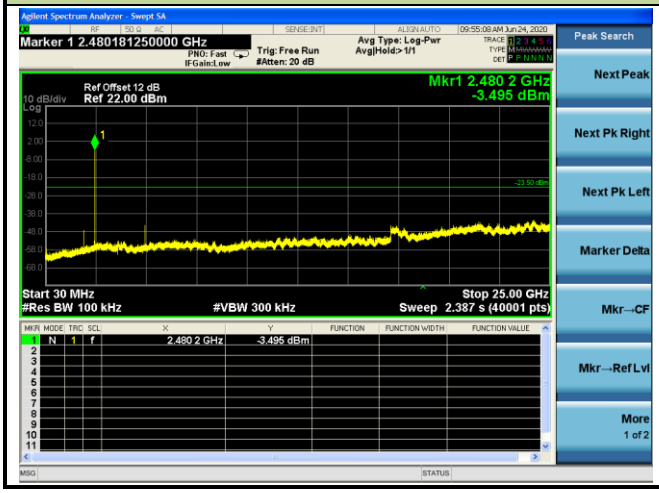
Channel 00 (2402MHz)



Channel 39 (2441MHz)

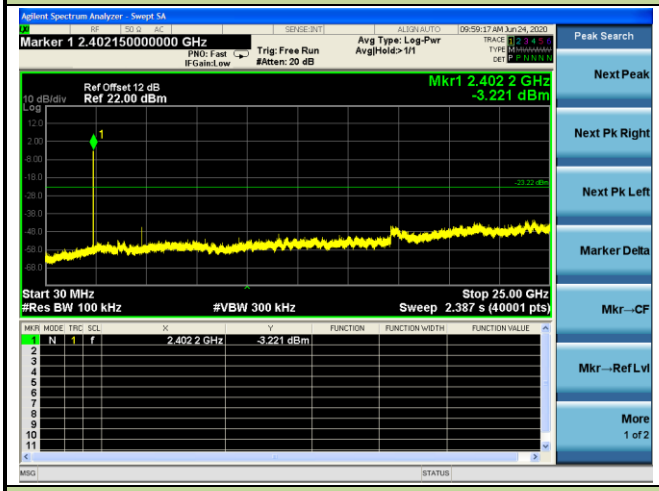


Channel 78 (2480MHz)

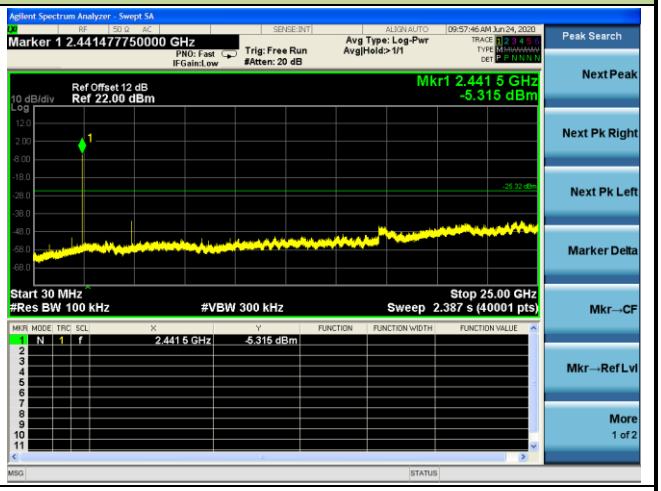


3DH5 Conducted Spurious Emissions

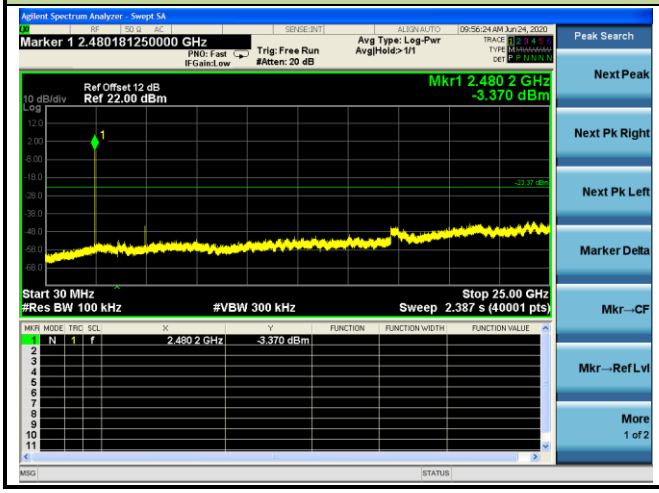
Channel 00 (2402MHz)



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 15.209 Limit		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
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

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9 Limit			
Frequency (MHz)	Field Strength (μV/m)	Magnetic Field Strength (H-Field) (μA/m)	Measured Distance (m)
0.009 - 0.490	--	6.37/F (F in kHz)	300
0.490 - 1.705	--	6.37/F (F in kHz)	30
1.705 - 30	--	0.08	30
30 - 88	100	--	3
88 - 216	150	--	3
216 - 960	200	--	3
Above 960	500	--	3

7.9.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.3 (General Requirements)

ANSI C63.10-2013 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10-2013 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10-2013 - 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
Above 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

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

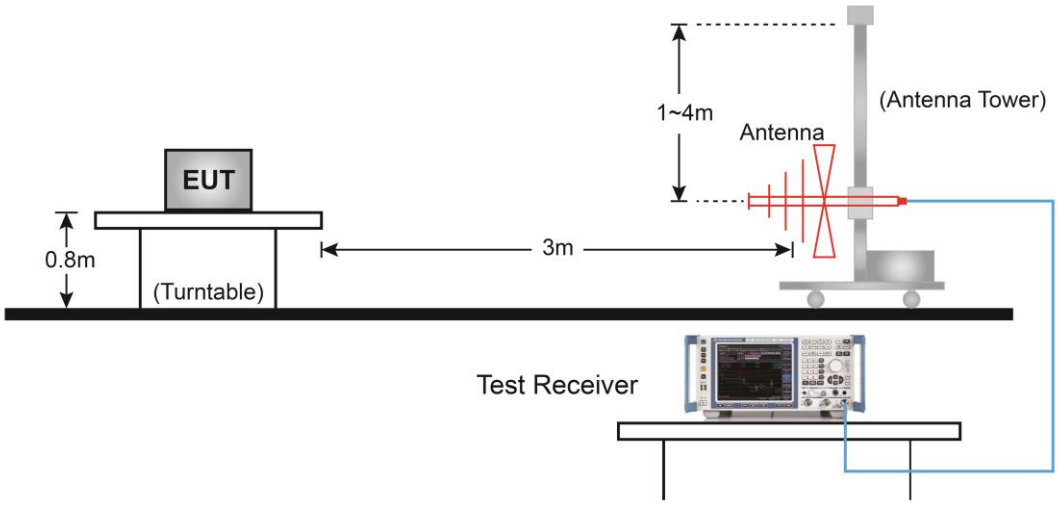
5. Sweep time = auto

6. Trace mode = max hold

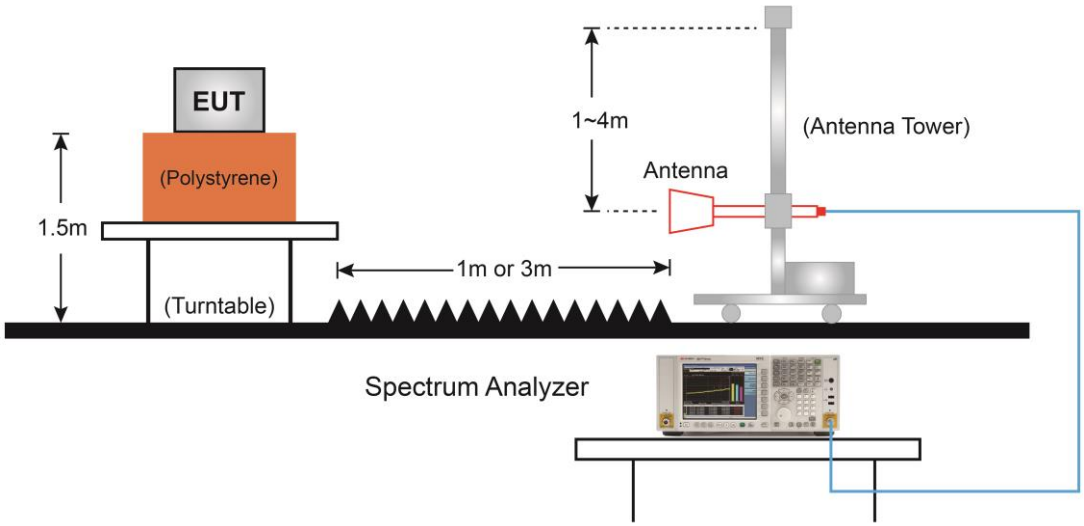
7. Trace was allowed to stabilize

7.9.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.9.5.Test Result

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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	36.8	5.8	42.6	74.0	-31.4	Peak	Horizontal
	7205.0	37.9	11.5	49.4	74.0	-24.6	Peak	Horizontal
	8420.5	32.4	12.5	44.9	74.0	-29.1	Peak	Horizontal
	10273.5	31.4	17.3	48.7	74.0	-25.3	Peak	Horizontal
	4808.0	34.9	5.8	40.7	74.0	-33.3	Peak	Vertical
	5904.5	33.2	7.8	41.0	74.0	-33.0	Peak	Vertical
	7485.5	33.5	11.8	45.3	74.0	-28.7	Peak	Vertical
	9610.5	32.9	16.3	49.2	74.0	-24.8	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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
	4884.5	35.4	5.9	41.3	74.0	-32.7	Peak	Horizontal
	6542.0	32.2	9.5	41.7	74.0	-32.3	Peak	Horizontal
	7324.0	35.9	11.5	47.4	74.0	-26.6	Peak	Horizontal
	10307.5	31.6	17.3	48.9	74.0	-25.1	Peak	Horizontal
	4884.5	35.1	5.9	41.0	74.0	-33.0	Peak	Vertical
	6091.5	33.5	8.1	41.6	74.0	-32.4	Peak	Vertical
	7477.0	33.0	11.8	44.8	74.0	-29.2	Peak	Vertical
	9763.5	31.7	16.7	48.4	74.0	-25.6	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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
	5054.5	33.5	6.6	40.1	74.0	-33.9	Peak	Horizontal
	6372.0	33.0	8.8	41.8	74.0	-32.2	Peak	Horizontal
	7443.0	34.4	12.1	46.5	74.0	-27.5	Peak	Horizontal
	9916.5	32.0	16.9	48.9	74.0	-25.1	Peak	Horizontal
	4961.0	35.9	6.2	42.1	74.0	-31.9	Peak	Vertical
	6474.0	32.6	9.1	41.7	74.0	-32.3	Peak	Vertical
	7587.5	33.7	11.7	45.4	74.0	-28.6	Peak	Vertical
	9916.5	32.7	16.9	49.6	74.0	-24.4	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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	37.3	5.8	43.1	74.0	-30.9	Peak	Horizontal
	7205.0	37.0	11.5	48.5	74.0	-25.5	Peak	Horizontal
	8089.0	33.4	12.7	46.1	74.0	-27.9	Peak	Horizontal
	10239.5	31.2	17.1	48.3	74.0	-25.7	Peak	Horizontal
	4808.0	35.3	5.8	41.1	74.0	-32.9	Peak	Vertical
	6193.5	33.2	8.2	41.4	74.0	-32.6	Peak	Vertical
	8488.5	33.8	12.8	46.6	74.0	-27.4	Peak	Vertical
	9610.5	33.6	16.3	49.9	74.0	-24.1	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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
	4884.5	36.9	5.9	42.8	74.0	-31.2	Peak	Horizontal
	6108.5	32.9	8.1	41.0	74.0	-33.0	Peak	Horizontal
	7324.0	36.3	11.5	47.8	74.0	-26.2	Peak	Horizontal
	10316.0	32.5	17.3	49.8	74.0	-24.2	Peak	Horizontal
	4884.5	34.6	5.9	40.5	74.0	-33.5	Peak	Vertical
	6499.5	32.6	9.5	42.1	74.0	-31.9	Peak	Vertical
	7324.0	34.4	11.5	45.9	74.0	-28.1	Peak	Vertical
	9763.5	33.0	16.7	49.7	74.0	-24.3	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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
	4646.5	34.5	5.3	39.8	74.0	-34.2	Peak	Horizontal
	6023.5	33.3	7.9	41.2	74.0	-32.8	Peak	Horizontal
	7443.0	33.5	12.1	45.6	74.0	-28.4	Peak	Horizontal
	10307.5	32.4	17.3	49.7	74.0	-24.3	Peak	Horizontal
	4961.0	35.5	6.2	41.7	74.0	-32.3	Peak	Vertical
	6542.0	33.3	9.5	42.8	74.0	-31.2	Peak	Vertical
	7596.0	33.8	11.8	45.6	74.0	-28.4	Peak	Vertical
	9916.5	32.4	16.9	49.3	74.0	-24.7	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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	35.9	5.8	41.7	74.0	-32.3	Peak	Horizontal
	7205.0	39.9	11.5	51.4	74.0	-22.6	Peak	Horizontal
	8242.0	32.1	12.2	44.3	74.0	-29.7	Peak	Horizontal
	9610.5	31.9	16.3	48.2	74.0	-25.8	Peak	Horizontal
	4808.0	36.1	5.8	41.9	74.0	-32.1	Peak	Vertical
	6491.0	33.1	9.4	42.5	74.0	-31.5	Peak	Vertical
	8165.5	33.7	12.4	46.1	74.0	-27.9	Peak	Vertical
	9610.5	32.1	16.3	48.4	74.0	-25.6	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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.		

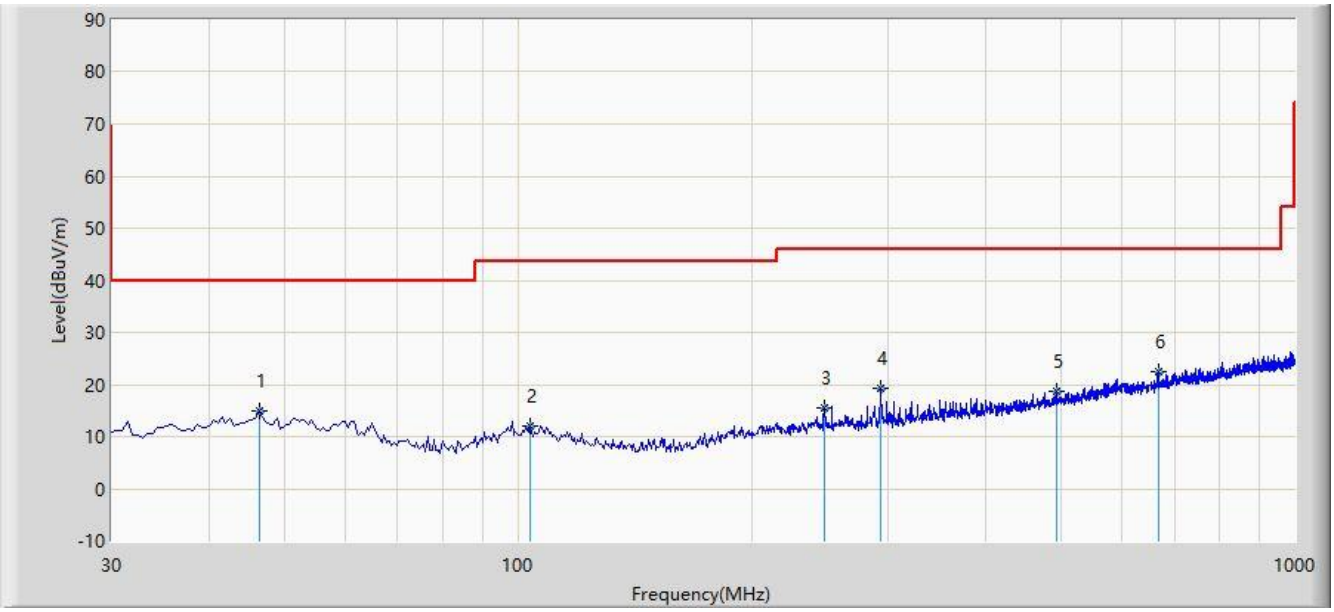
Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	35.2	5.9	41.1	74.0	-32.9	Peak	Horizontal
	6159.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	7324.0	35.6	11.5	47.1	74.0	-26.9	Peak	Horizontal
	10248.0	32.3	17.1	49.4	74.0	-24.6	Peak	Horizontal
	4884.5	35.8	5.9	41.7	74.0	-32.3	Peak	Vertical
	6406.0	32.9	8.9	41.8	74.0	-32.2	Peak	Vertical
	7596.0	33.1	11.8	44.9	74.0	-29.1	Peak	Vertical
	9763.5	33.0	16.7	49.7	74.0	-24.3	Peak	Vertical
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Product	WIRELESS SPEAKER	Test Engineer	Flay Yang
Test Site	AC1	Test Date	2020/06/24
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	34.5	6.2	40.7	74.0	-33.3	Peak	Horizontal
	6176.5	33.2	8.3	41.5	74.0	-32.5	Peak	Horizontal
	7485.5	34.3	11.8	46.1	74.0	-27.9	Peak	Horizontal
	9984.5	32.5	16.7	49.2	74.0	-24.8	Peak	Horizontal
	4646.5	34.8	5.3	40.1	74.0	-33.9	Peak	Vertical
	6720.5	32.9	9.6	42.5	74.0	-31.5	Peak	Vertical
	7596.0	33.4	11.8	45.2	74.0	-28.8	Peak	Vertical
	9916.5	32.1	16.9	49.0	74.0	-25.0	Peak	Vertical
Note: 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: 2020/06/23 - 11:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: AC1_VULB 9168 _30-2000MHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



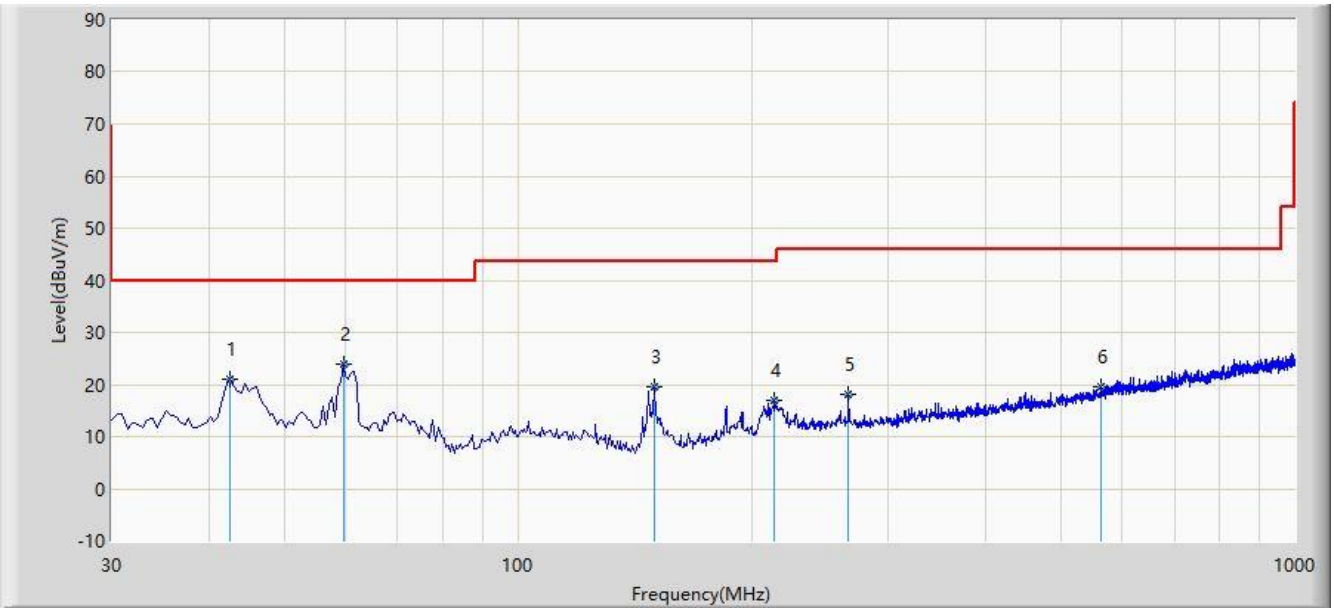
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.490	14.789	-13.670	-25.211	40.000	28.458	QP
2			103.720	11.994	-5.963	-31.506	43.500	17.957	QP
3			247.765	15.635	-12.909	-30.365	46.000	28.543	QP
4			293.355	19.388	-8.223	-26.612	46.000	27.611	QP
5			494.145	18.818	-14.674	-27.182	46.000	33.492	QP
6		*	666.805	22.546	-14.104	-23.454	46.000	36.650	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: 2020/06/23 - 11:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Lewis Huang
Probe: AC1_VULB 9168 _30-2000MHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
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			42.610	21.148	-1.679	-18.852	40.000	22.827	QP
2		*	59.585	23.775	0.545	-16.225	40.000	23.229	QP
3			149.795	19.522	-8.922	-23.978	43.500	28.444	QP
4			213.815	16.970	-6.077	-26.530	43.500	23.047	QP
5			266.680	18.242	-9.845	-27.758	46.000	28.087	QP
6			562.530	19.691	-15.120	-26.309	46.000	34.812	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 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15.209 Limit		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
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

For RSS-Gen Section 8.10 Requirement

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.009 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.525225	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 - 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	--
8.37625 - 8.38675	1718.8 -1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 -2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 -13.41	3260 - 3267	
16.42 - 16.423	3332 -3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 - 8500	
108 - 138	--	

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9 Limit			
Frequency (MHz)	Field Strength (μV/m)	Magnetic Field Strength (H-Field) (μA/m)	Measured Distance (m)
0.009 - 0.490	--	6.37/F (F in kHz)	300
0.490 - 1.705	--	6.37/F (F in kHz)	30
1.705 - 30	--	0.08	30
30 - 88	100	--	3
88 - 216	150	--	3
216 - 960	200	--	3
Above 960	500	--	3

7.10.2.Test Procedure Used

ANSI C63.10-2013 - Section 6.3 (General Requirements)

ANSI C63.10-2013 - Section 6.6 (Standard test method above 1GHz)

7.10.3.Test Setting

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

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

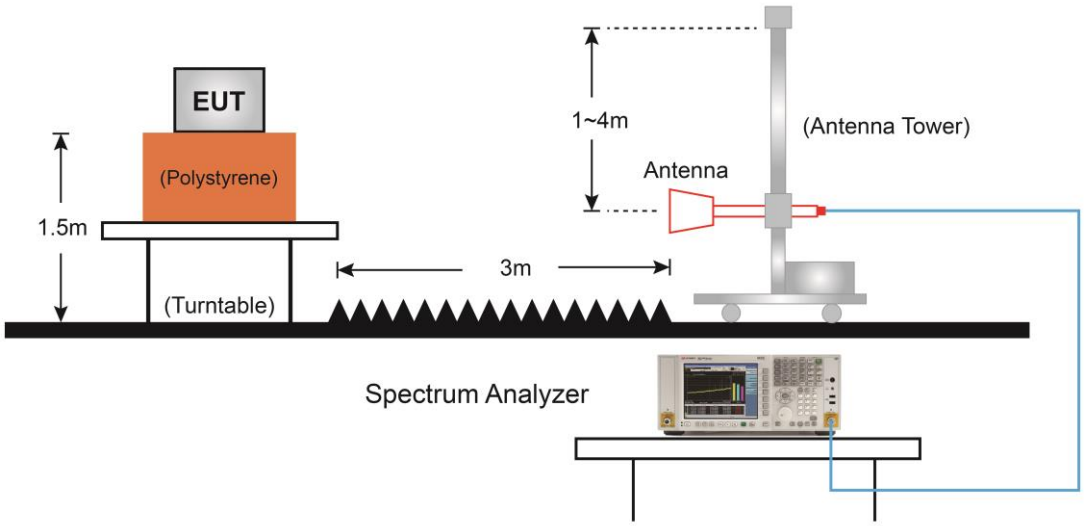
4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

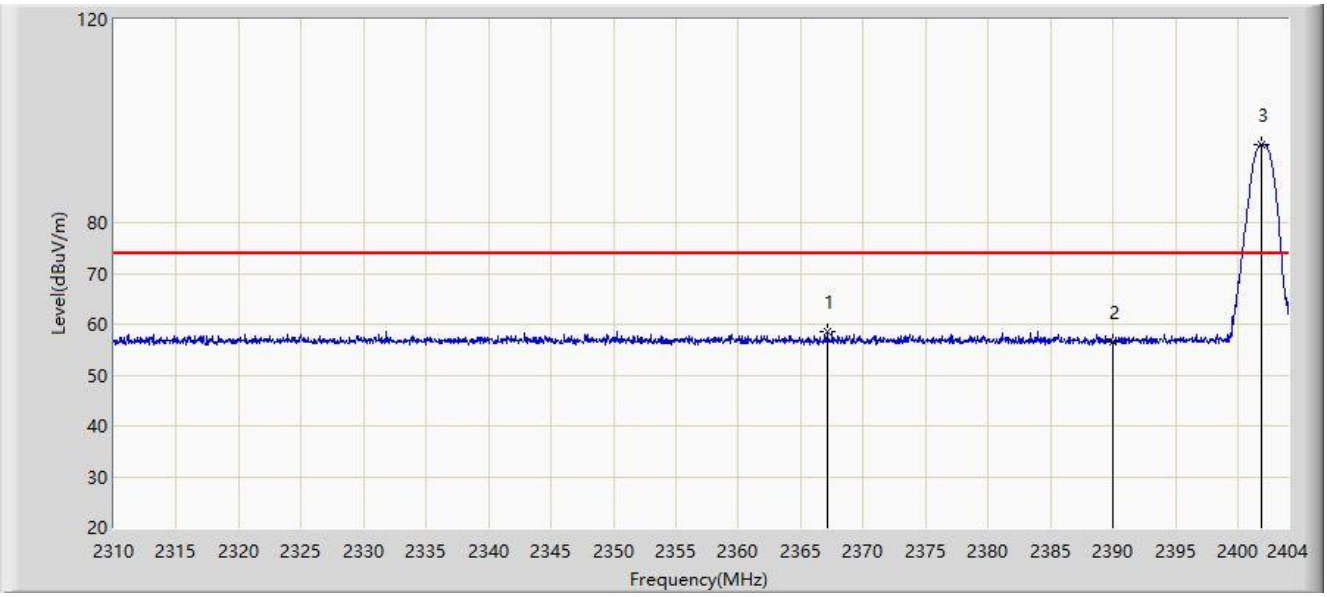
7. Trace was allowed to stabilize

7.10.4.Test Setup



7.10.5.Test Result

Site: AC1	Time: 2020/06/24 - 15:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

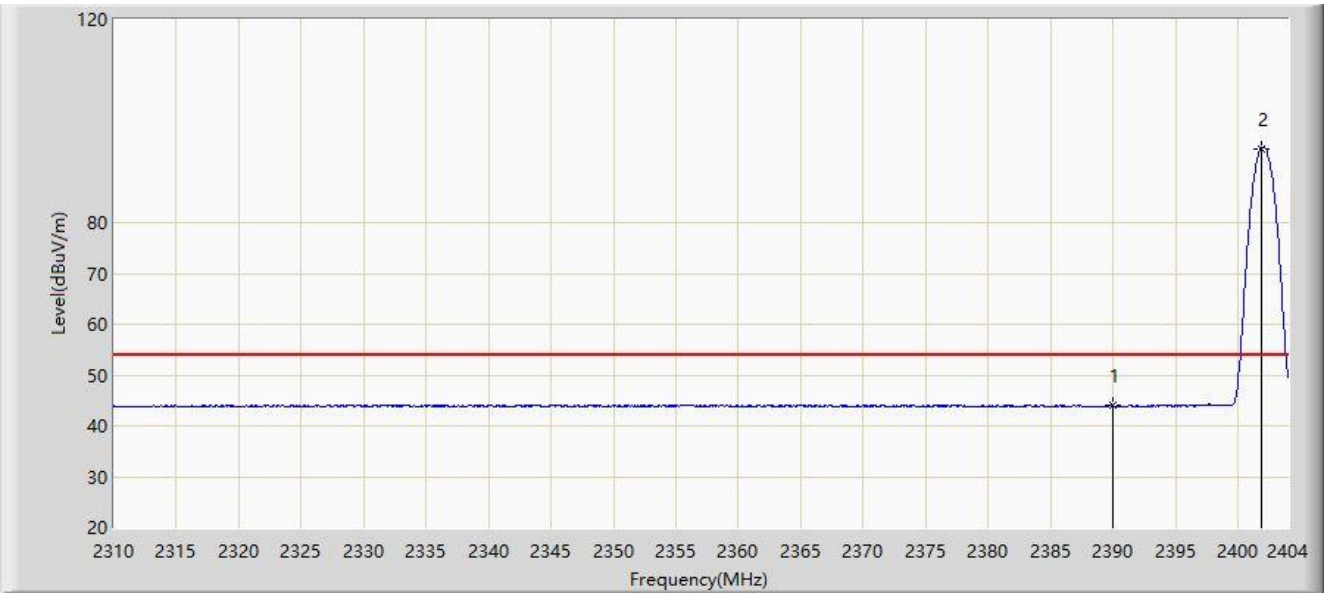


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2367.105	58.668	26.565	-15.332	74.000	32.103	PK
2			2390.000	56.590	24.518	-17.410	74.000	32.072	PK
3		*	2401.838	95.306	63.231	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/06/24 - 15:34
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

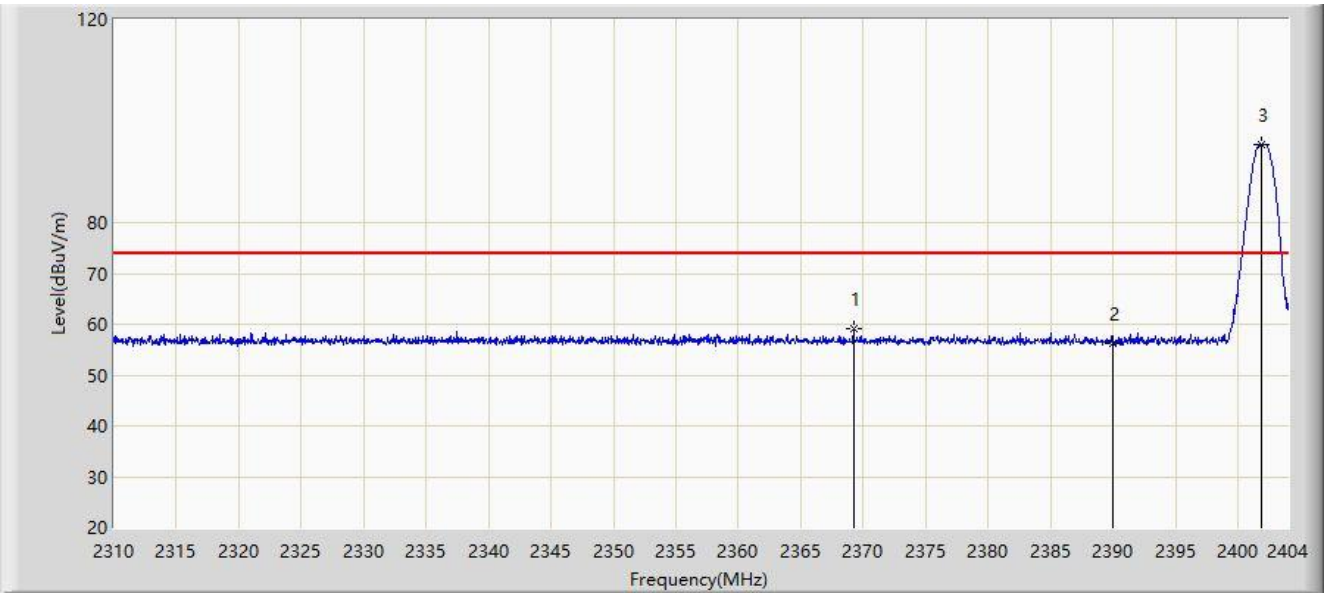


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.955	11.883	-10.045	54.000	32.072	AV
2		*	2401.838	94.577	62.502	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/06/24 - 15:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

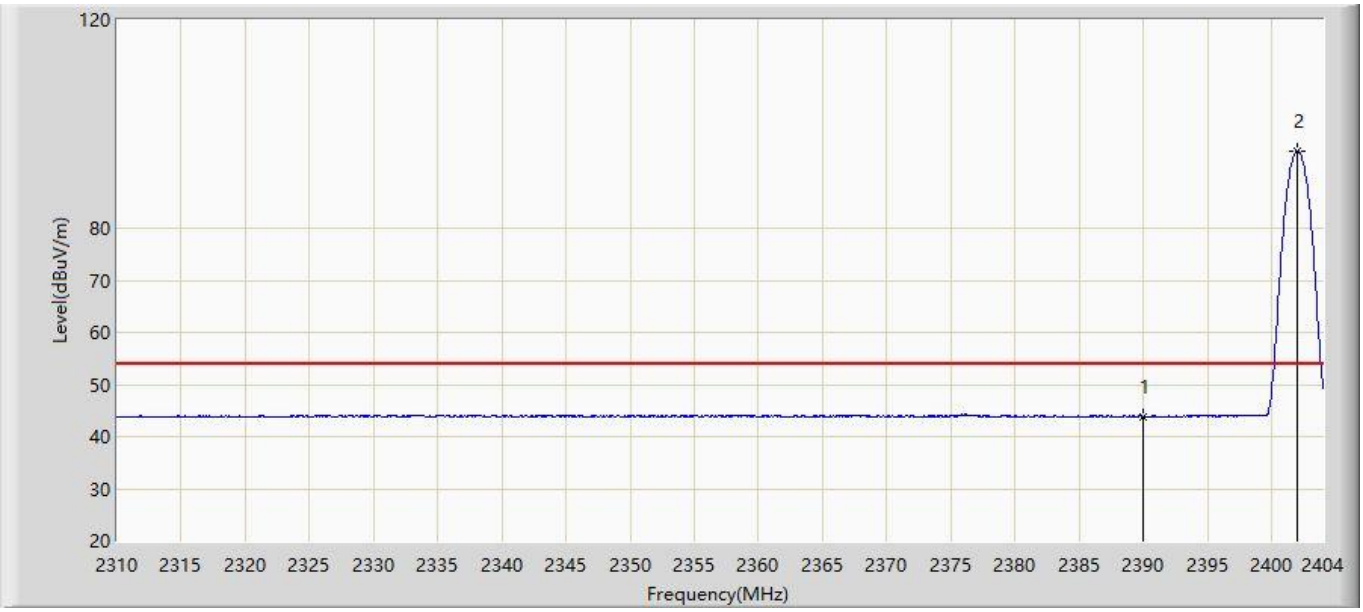


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.220	59.009	26.912	-14.991	74.000	32.097	PK
2			2390.000	56.321	24.249	-17.679	74.000	32.072	PK
3		*	2401.885	95.420	63.345	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/06/24 - 15:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz	

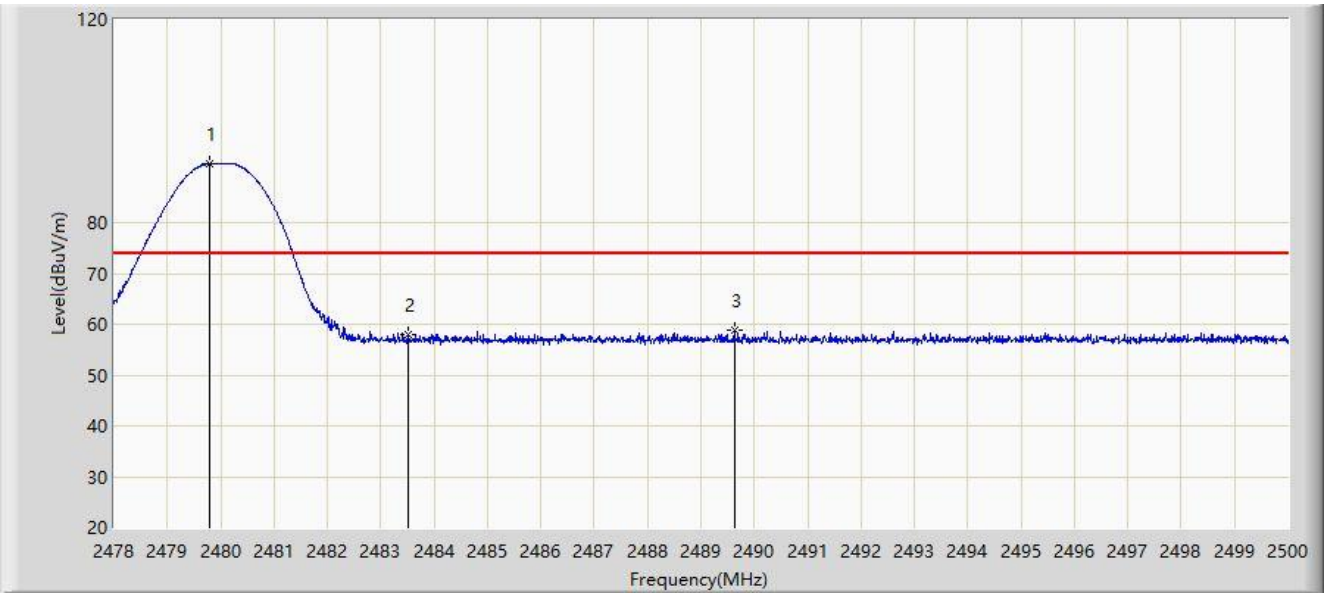


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.834	11.762	-10.166	54.000	32.072	AV
2		*	2402.026	94.781	62.706	N/A	N/A	32.076	AV

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

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

Site: AC1	Time: 2020/06/24 - 15:40
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

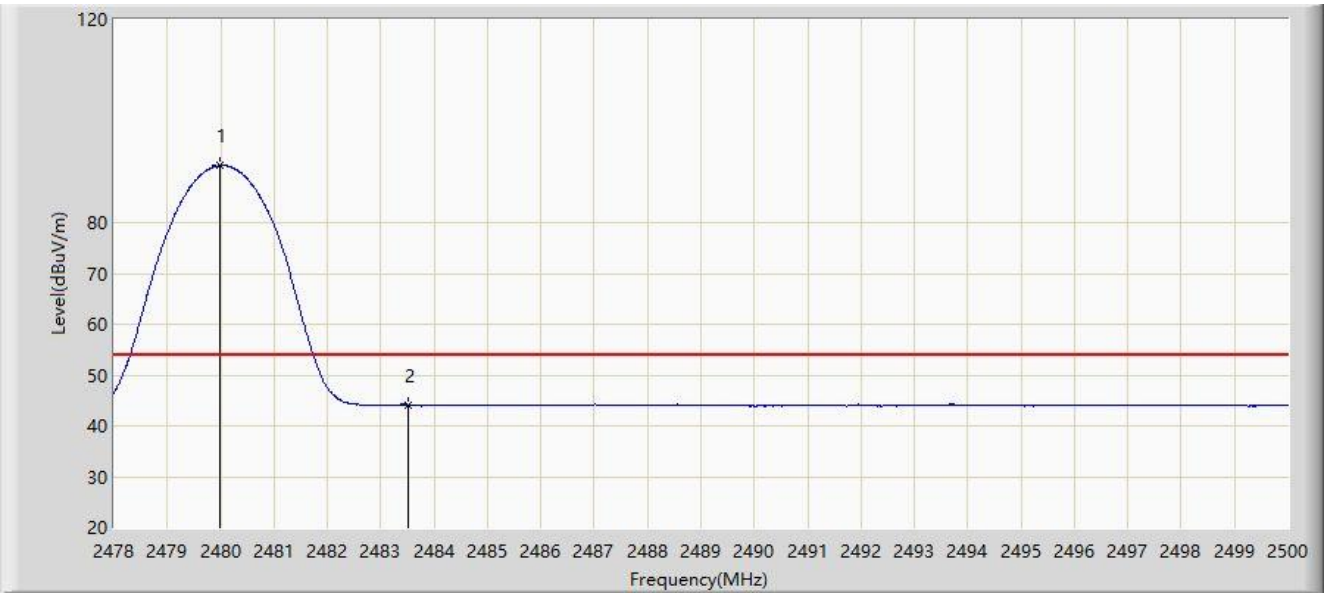


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.782	91.595	59.551	N/A	N/A	32.044	PK
2			2483.500	57.941	25.904	-16.059	74.000	32.037	PK
3			2489.627	58.933	26.908	-15.067	74.000	32.025	PK

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

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

Site: AC1	Time: 2020/06/24 - 15:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

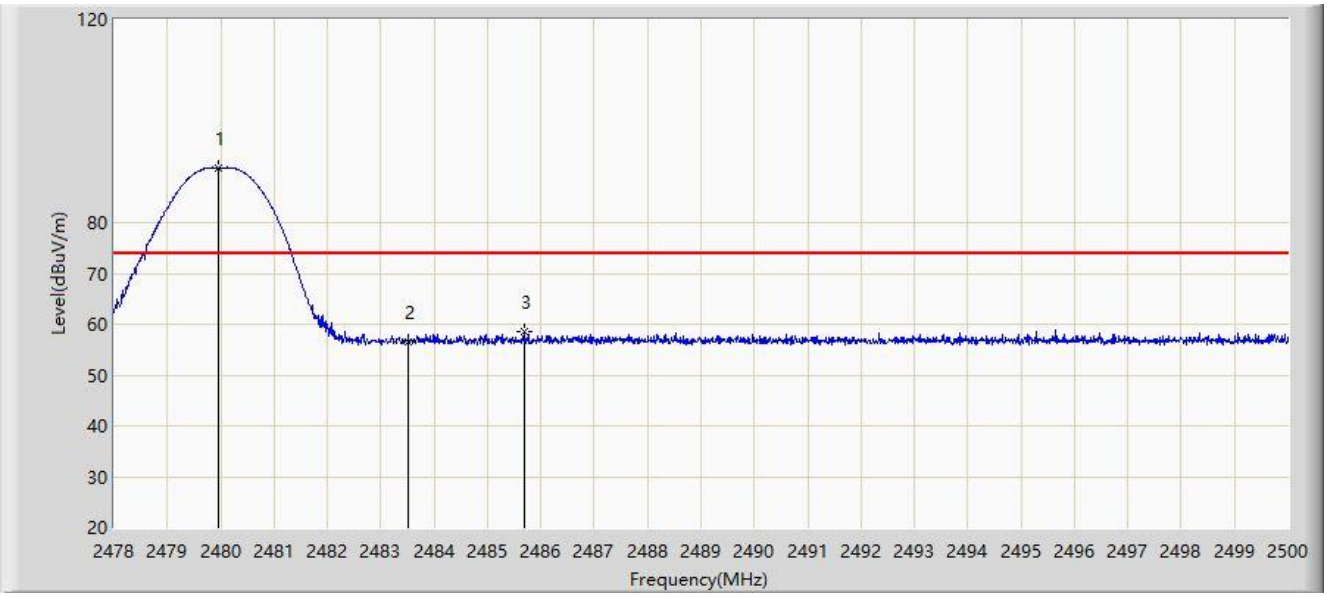


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.991	91.209	59.165	N/A	N/A	32.044	AV
2			2483.500	44.090	12.053	-9.910	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/24 - 15:47
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

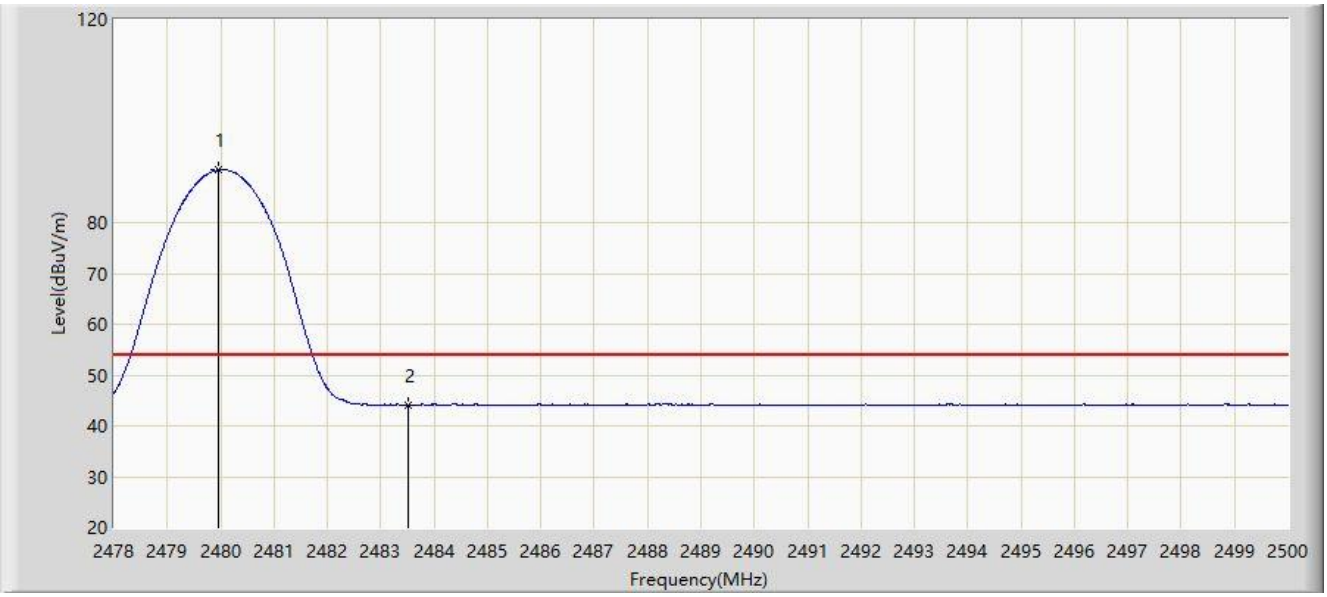


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	90.820	58.776	N/A	N/A	32.044	PK
2			2483.500	56.461	24.424	-17.539	74.000	32.037	PK
3			2485.678	58.448	26.415	-15.552	74.000	32.033	PK

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

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

Site: AC1	Time: 2020/06/24 - 15:50
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2480MHz	

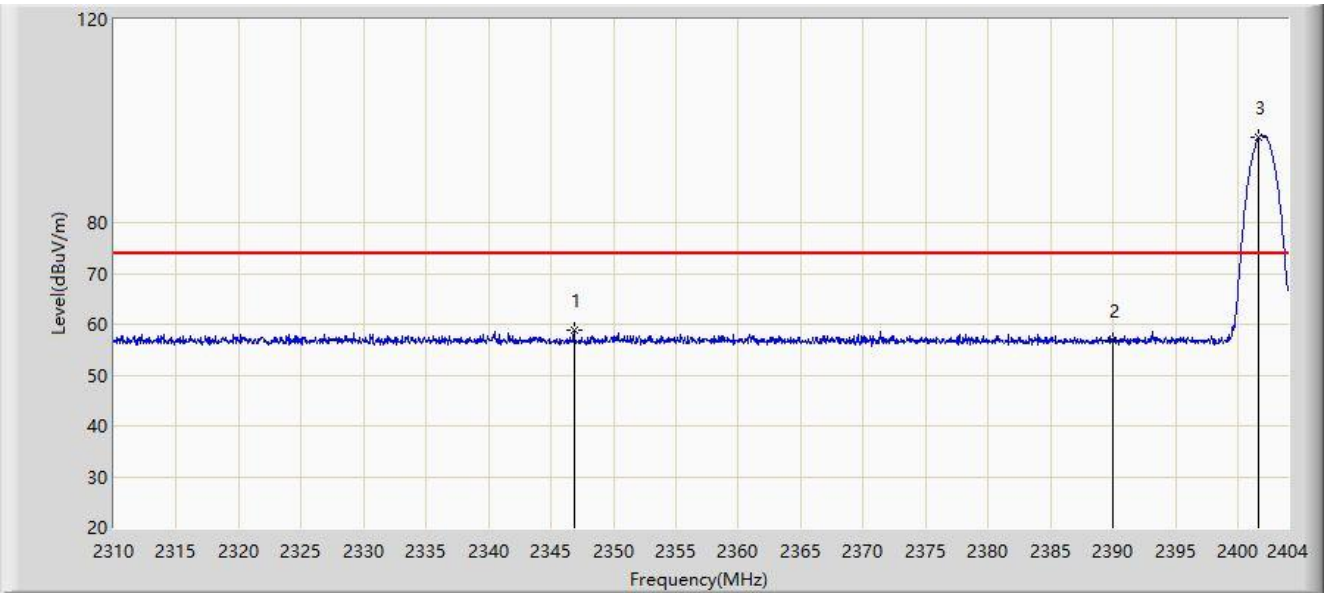


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	90.391	58.347	N/A	N/A	32.044	AV
2			2483.500	44.125	12.088	-9.875	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/24 - 15:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

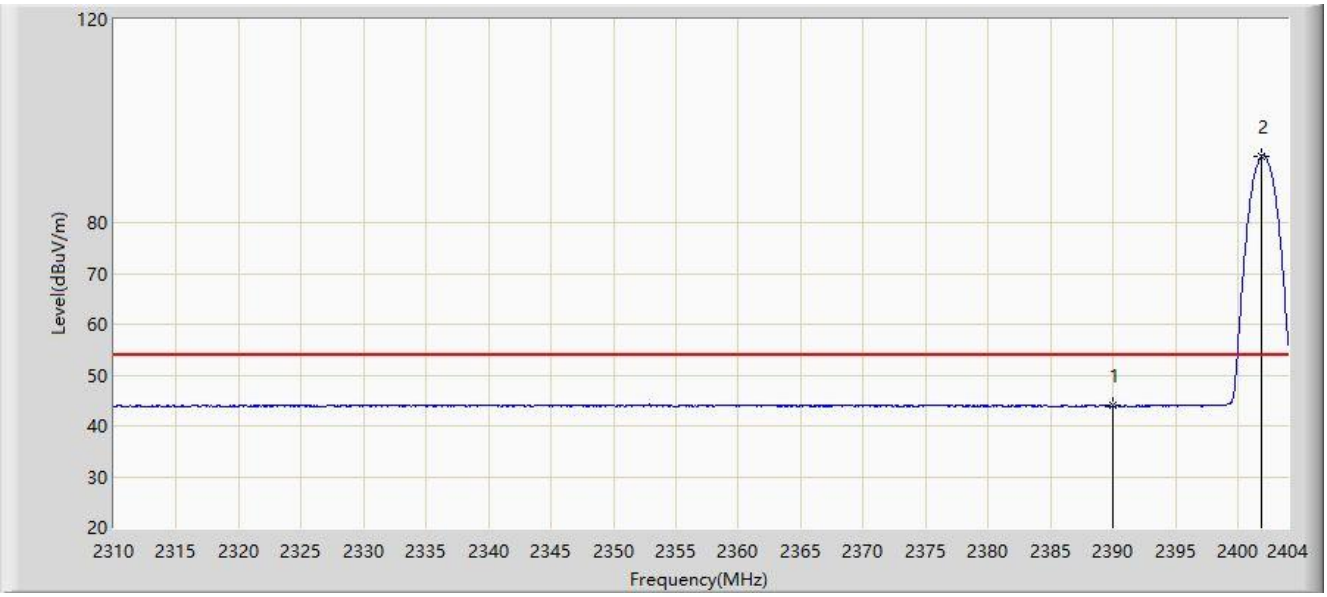


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2346.848	58.815	26.682	-15.185	74.000	32.133	PK
2			2390.000	56.873	24.801	-17.127	74.000	32.072	PK
3		*	2401.697	96.909	64.834	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

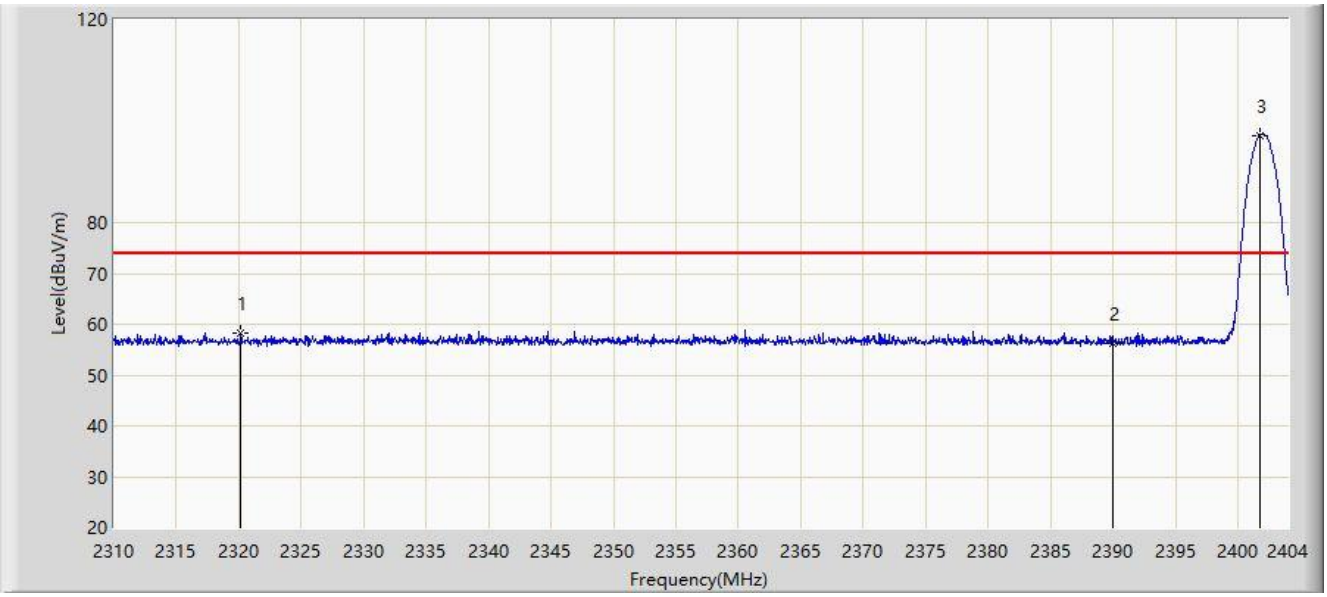


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.971	11.899	-10.029	54.000	32.072	AV
2		*	2401.885	93.147	61.072	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

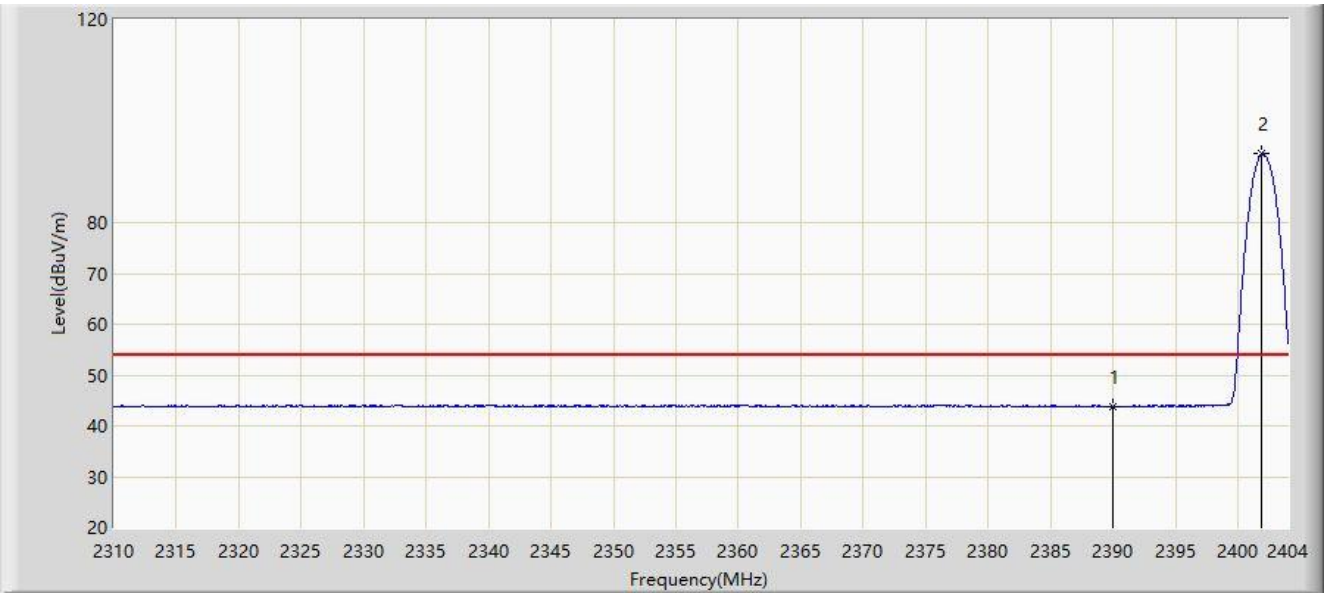


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2320.152	58.353	26.164	-15.647	74.000	32.189	PK
2			2390.000	56.348	24.276	-17.652	74.000	32.072	PK
3		*	2401.744	97.243	65.168	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:05
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2402MHz	

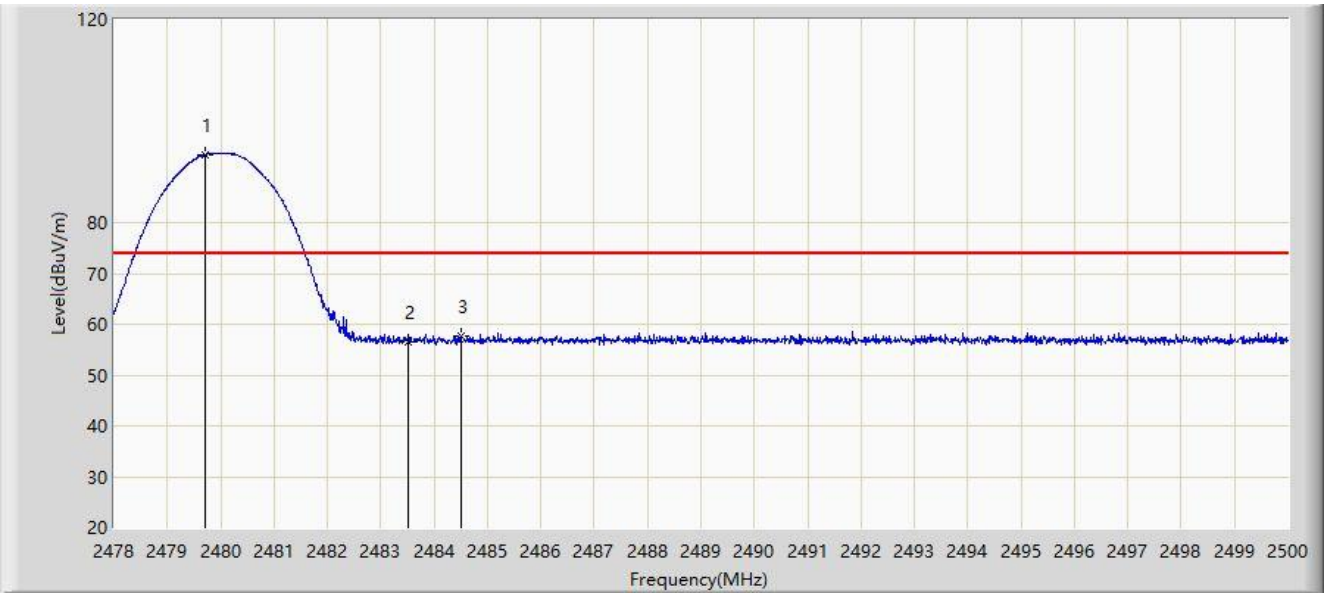


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.736	11.664	-10.264	54.000	32.072	AV
2		*	2401.932	93.494	61.419	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:07
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

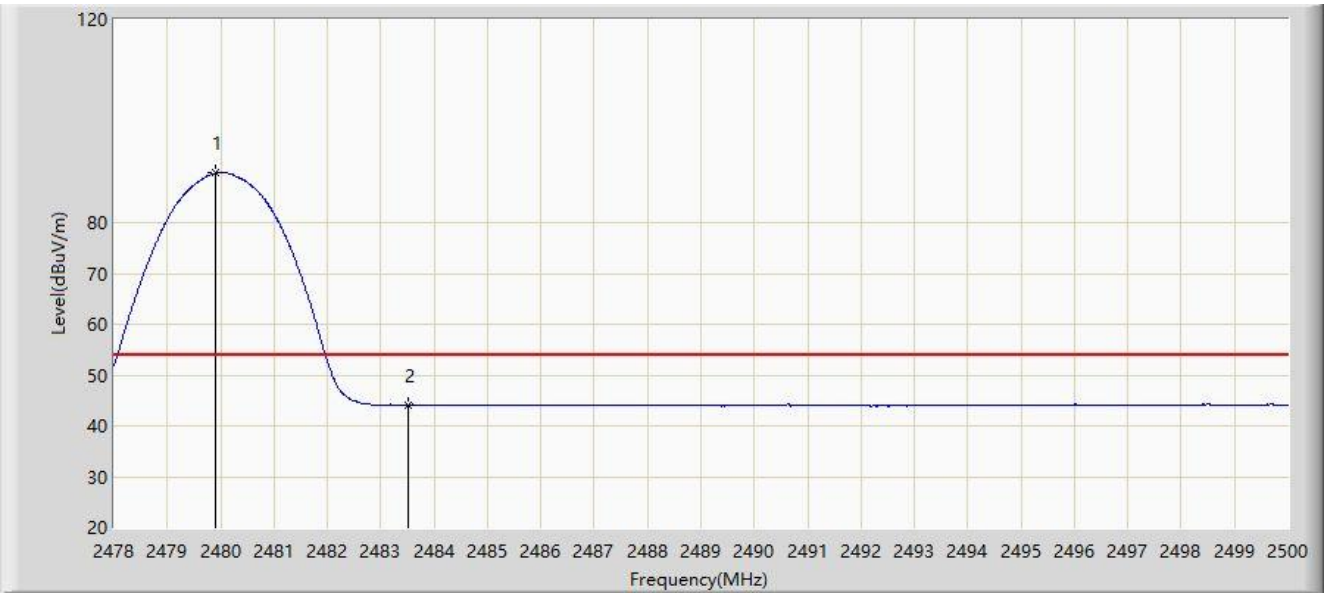


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.705	93.453	61.409	N/A	N/A	32.044	PK
2			2483.500	56.614	24.577	-17.386	74.000	32.037	PK
3			2484.501	57.773	25.738	-16.227	74.000	32.035	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

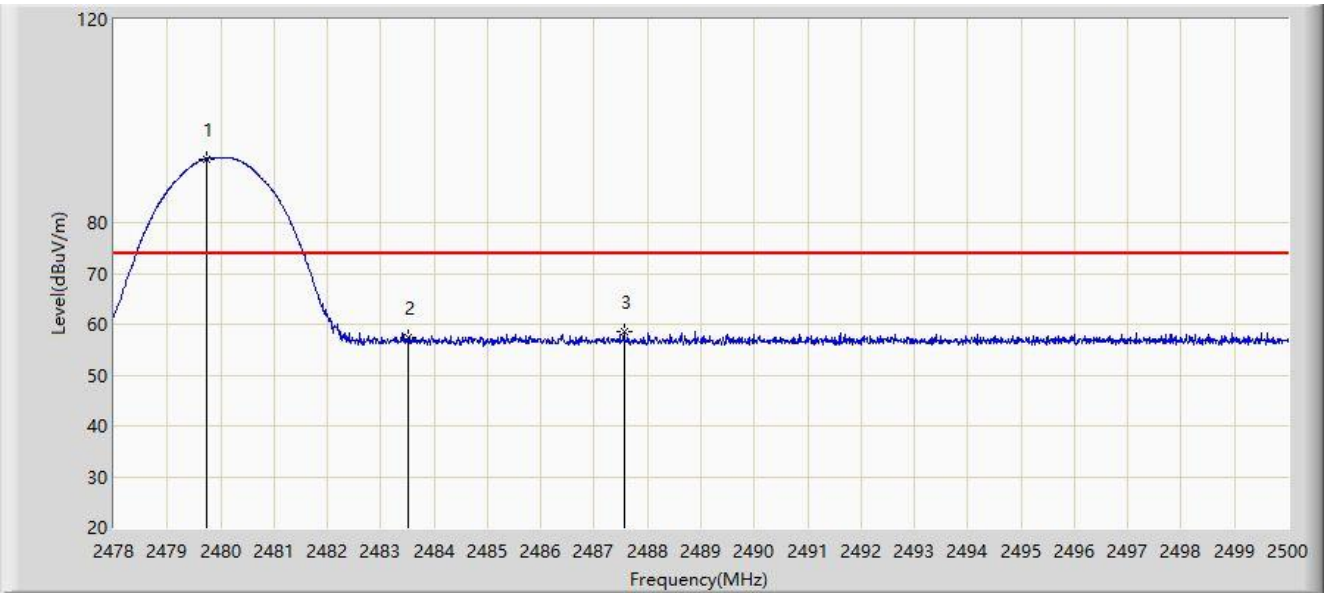


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.892	89.723	57.679	N/A	N/A	32.044	AV
2			2483.500	44.111	12.074	-9.889	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

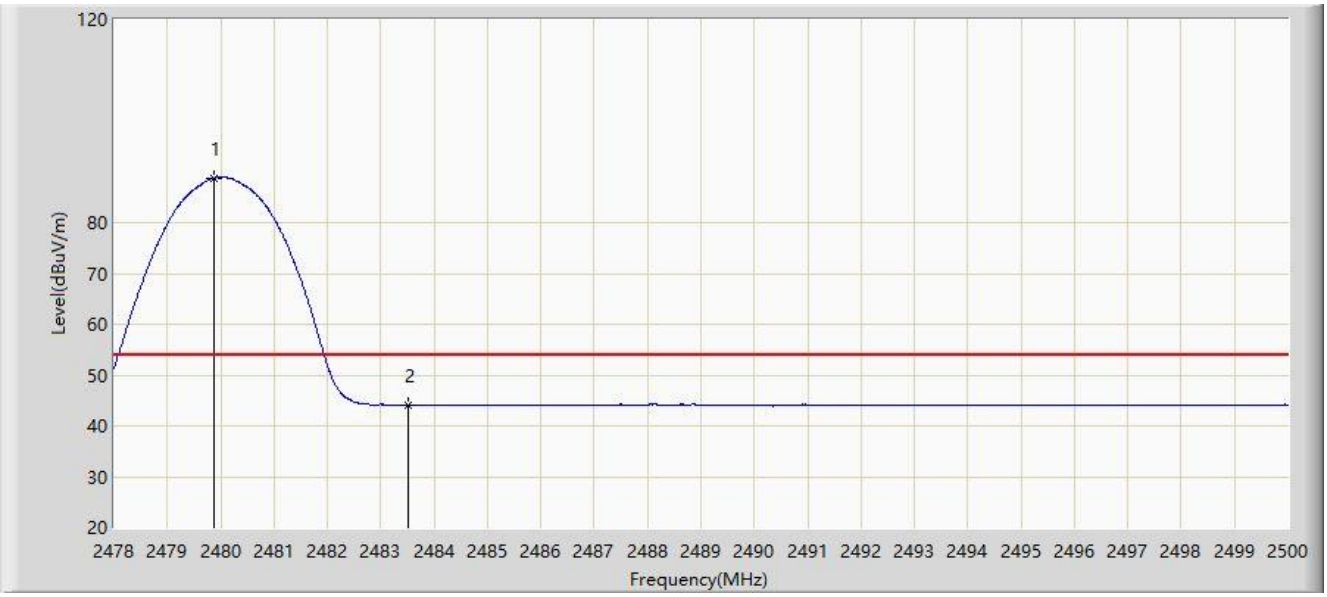


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.727	92.567	60.523	N/A	N/A	32.044	PK
2			2483.500	57.381	25.344	-16.619	74.000	32.037	PK
3			2487.559	58.468	26.439	-15.532	74.000	32.029	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at channel 2480MHz	

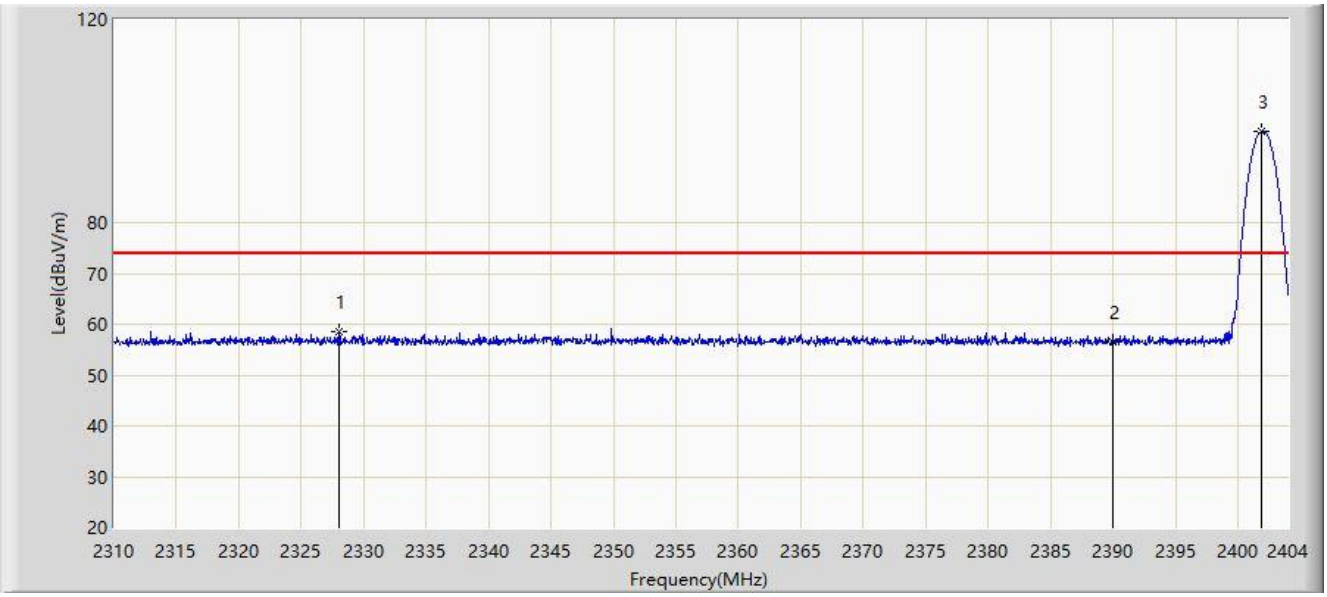


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	88.808	56.764	N/A	N/A	32.044	AV
2			2483.500	44.041	12.004	-9.959	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

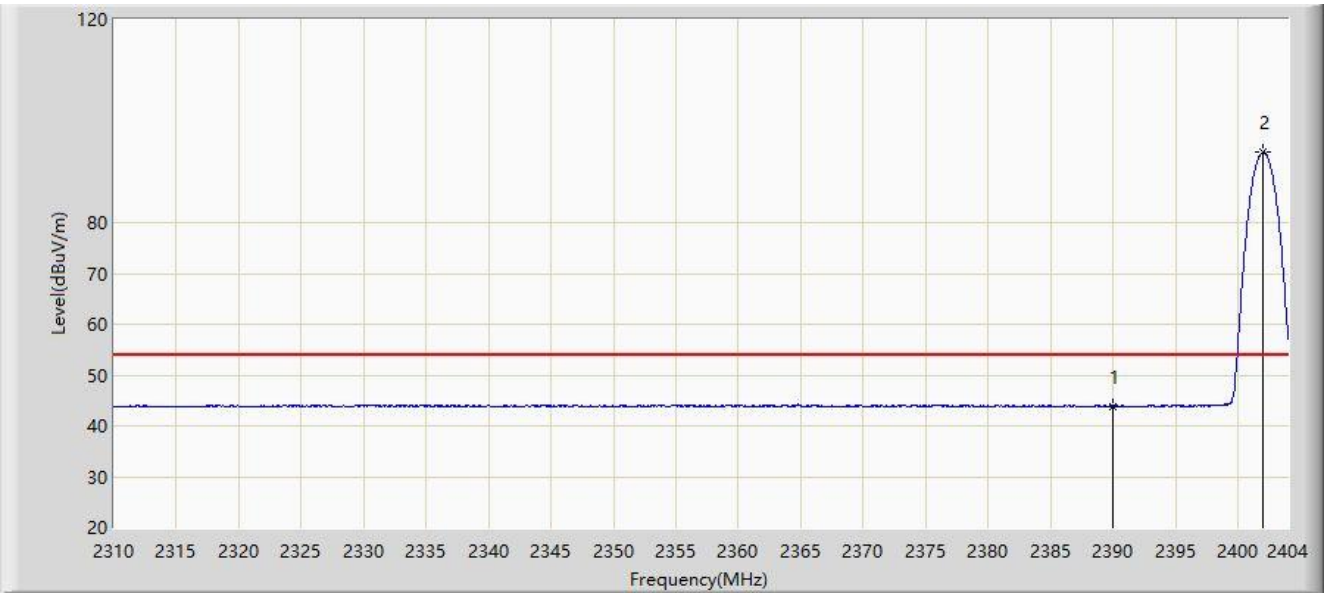


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2328.048	58.643	26.468	-15.357	74.000	32.174	PK
2			2390.000	56.475	24.403	-17.525	74.000	32.072	PK
3		*	2401.838	97.886	65.811	N/A	N/A	32.075	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

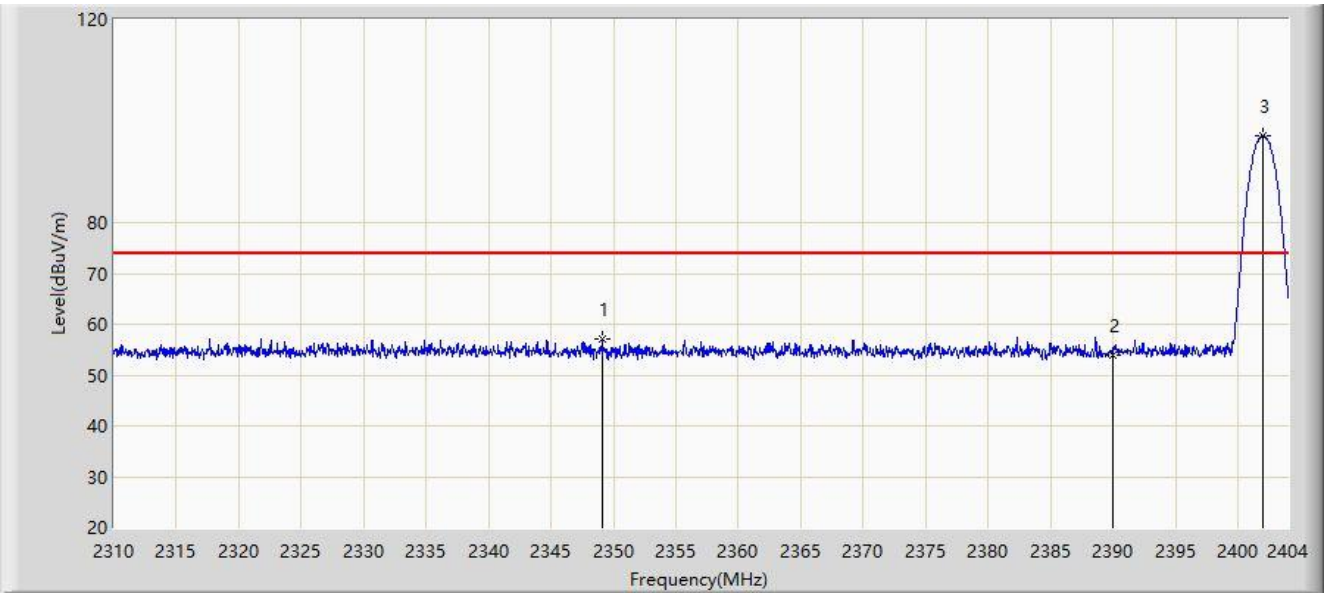


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.906	11.834	-10.094	54.000	32.072	AV
2		*	2401.979	93.800	61.725	N/A	N/A	32.076	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:25
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

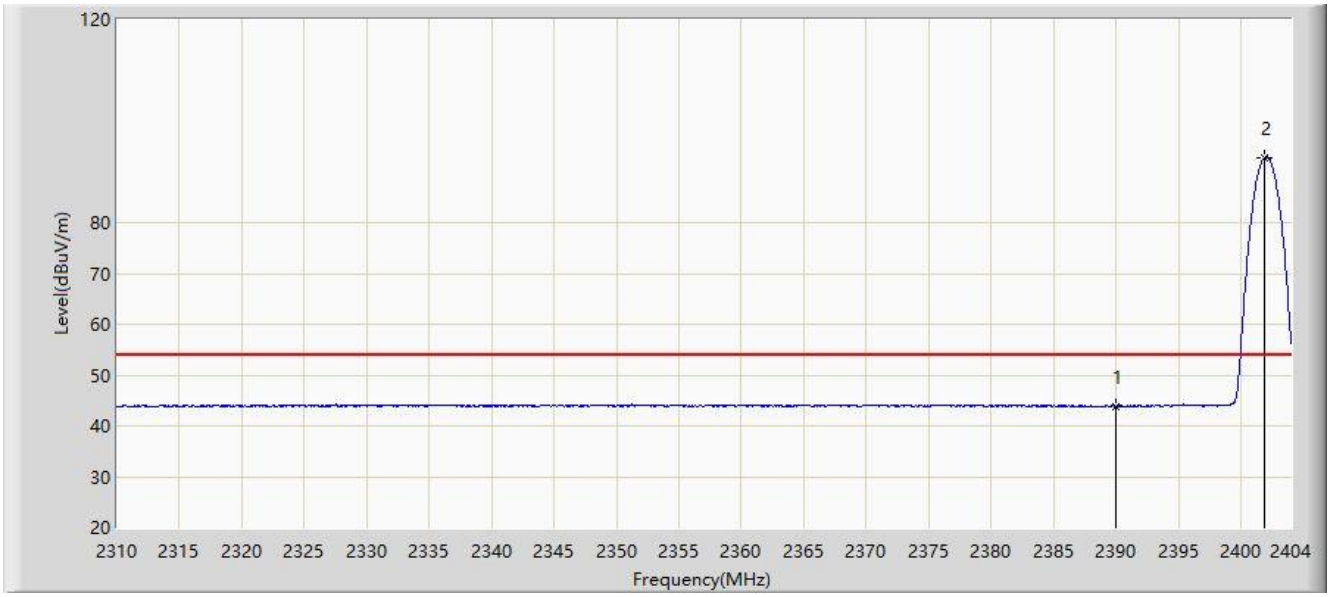


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2349.104	57.194	25.063	-16.806	74.000	32.131	PK
2			2390.000	53.894	21.822	-20.106	74.000	32.072	PK
3		*	2402.026	97.188	65.113	N/A	N/A	32.076	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2402MHz	

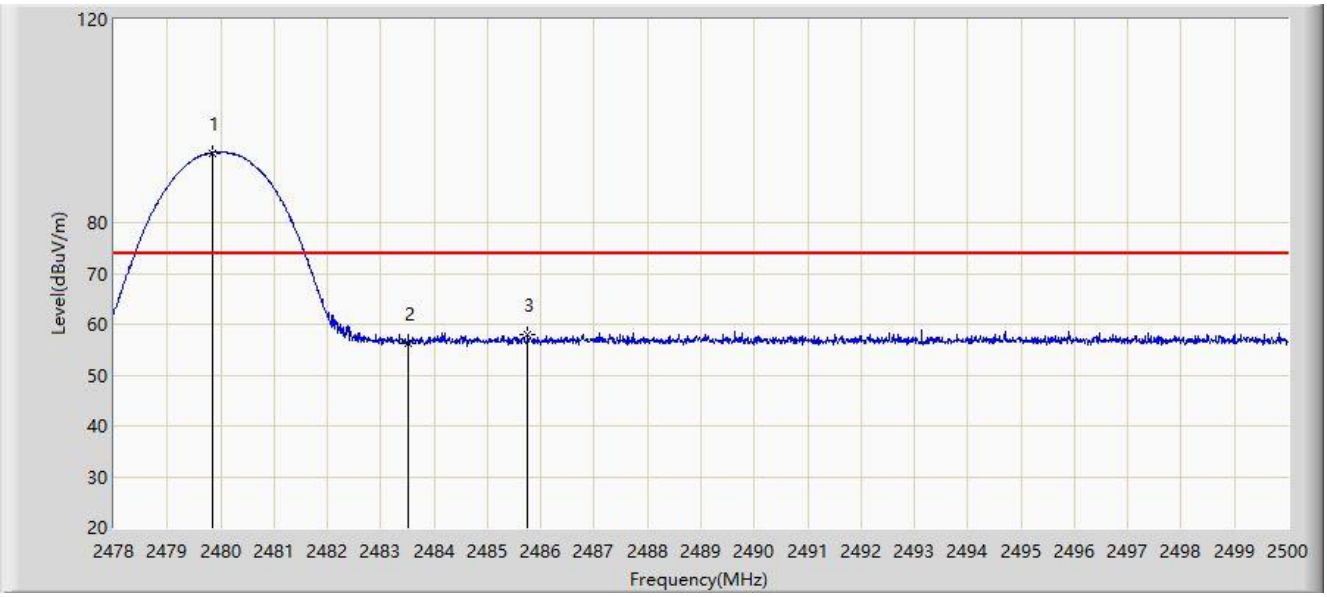


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.854	11.782	-10.146	54.000	32.072	AV
2		*	2401.932	92.897	60.822	N/A	N/A	32.075	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

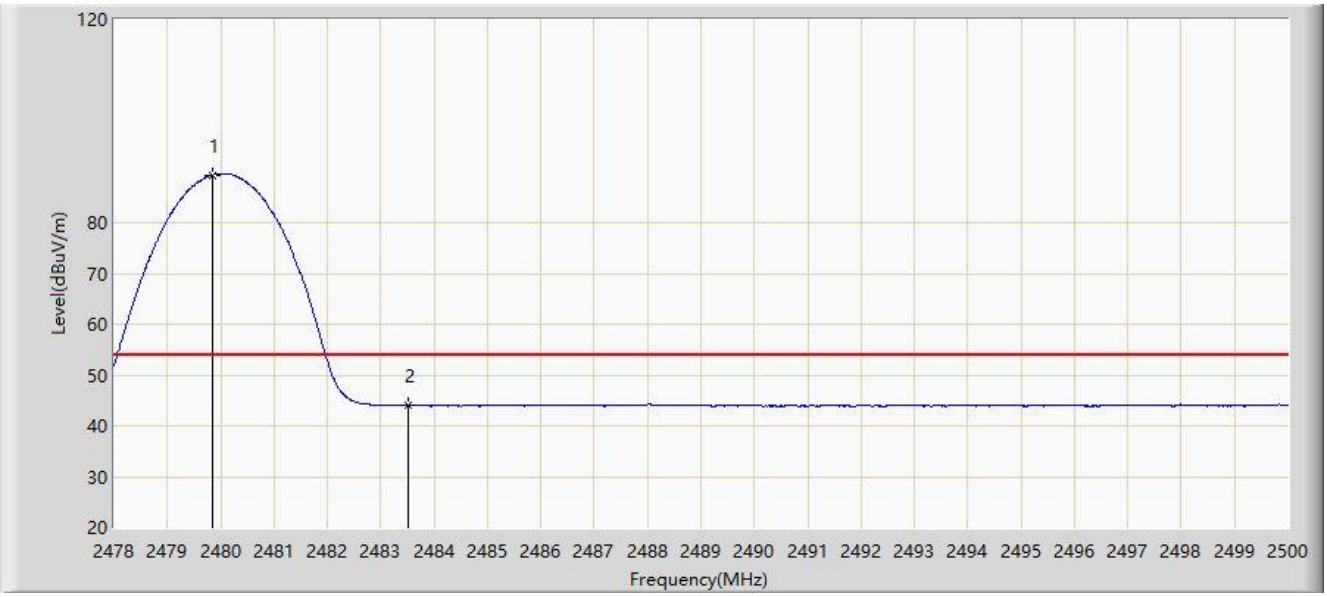


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	93.761	61.717	N/A	N/A	32.044	PK
2			2483.500	56.288	24.251	-17.712	74.000	32.037	PK
3			2485.755	58.063	26.030	-15.937	74.000	32.032	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

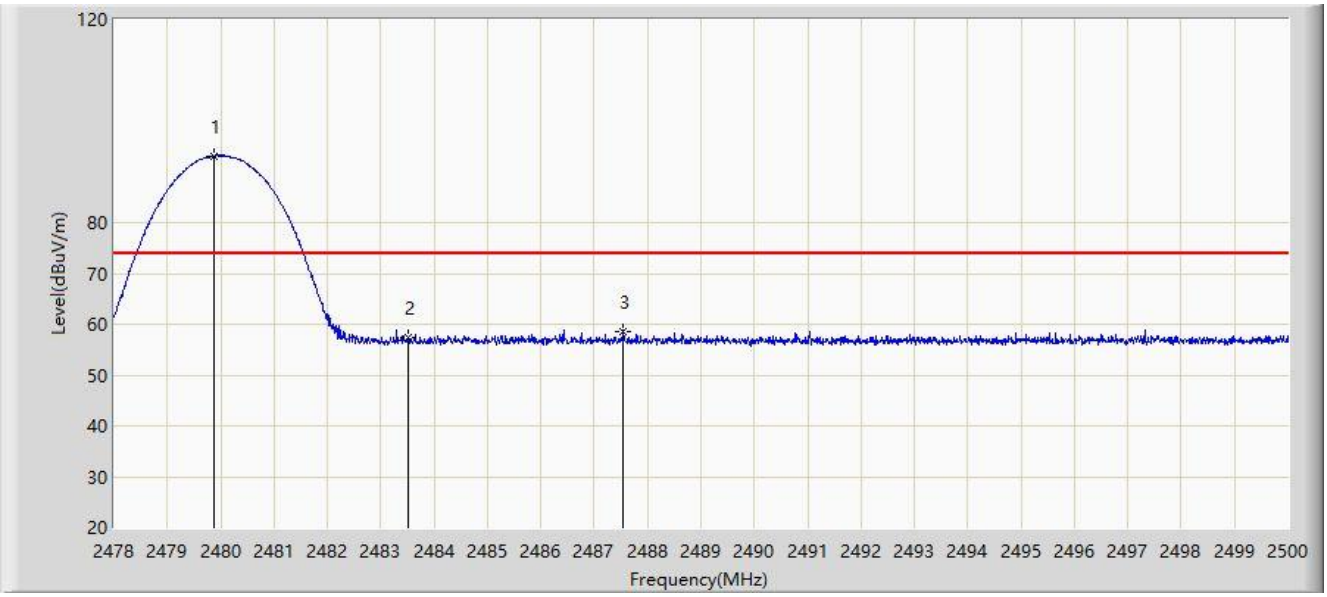


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.859	89.411	57.367	N/A	N/A	32.044	AV
2			2483.500	44.039	12.002	-9.961	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/24 - 16:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at channel 2480MHz	

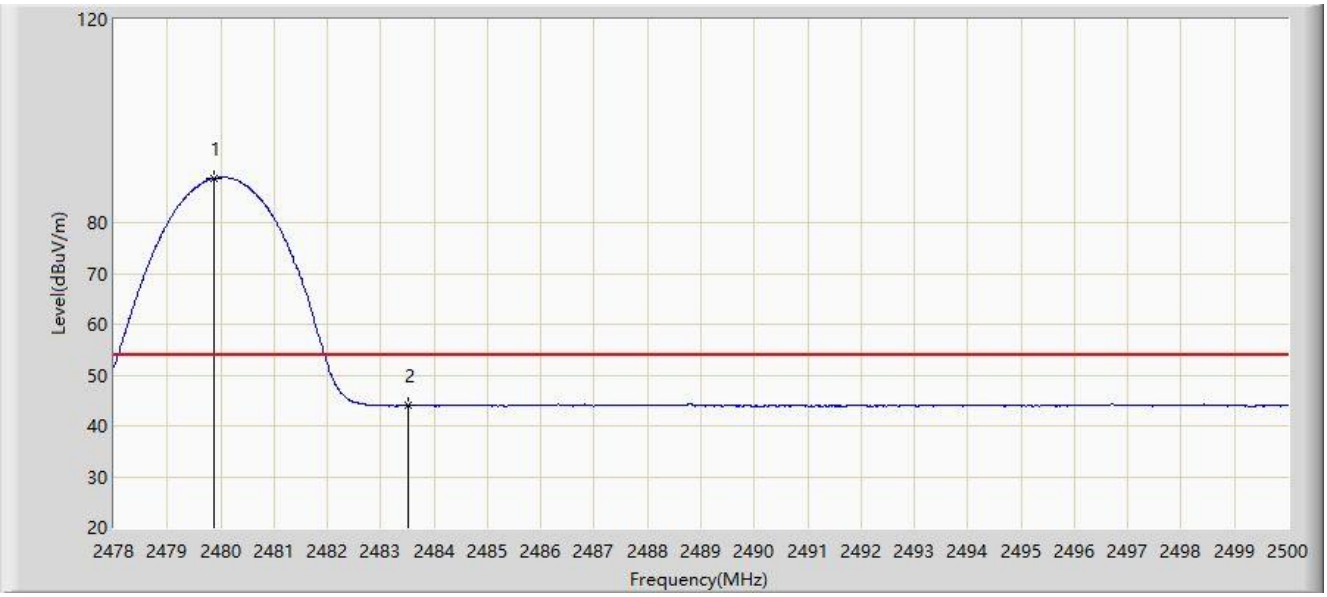


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	93.142	61.098	N/A	N/A	32.044	PK
2			2483.500	57.354	25.317	-16.646	74.000	32.037	PK
3			2487.548	58.679	26.650	-15.321	74.000	32.029	PK

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

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

Site: AC1	Time: 2020/06/24 - 16:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Messiah Li
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
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		*	2479.870	88.718	56.674	N/A	N/A	32.044	AV
2			2483.500	43.999	11.962	-10.001	54.000	32.037	AV

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

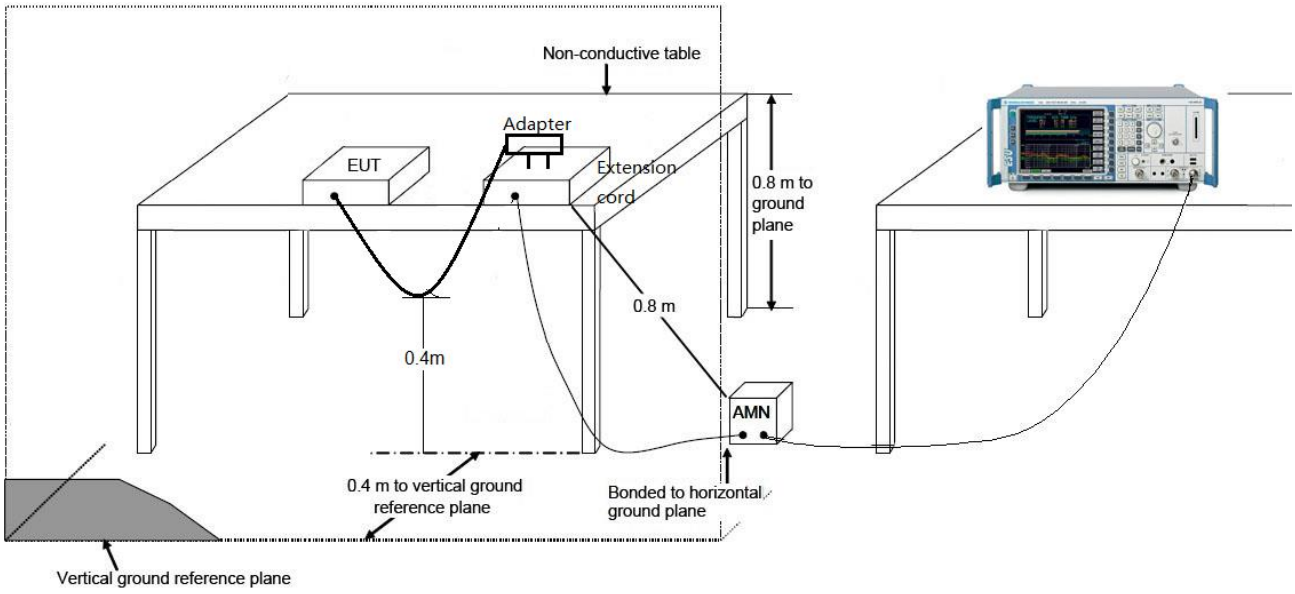
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

7.11. AC Conducted Emissions Measurement

7.11.1.Test Limit

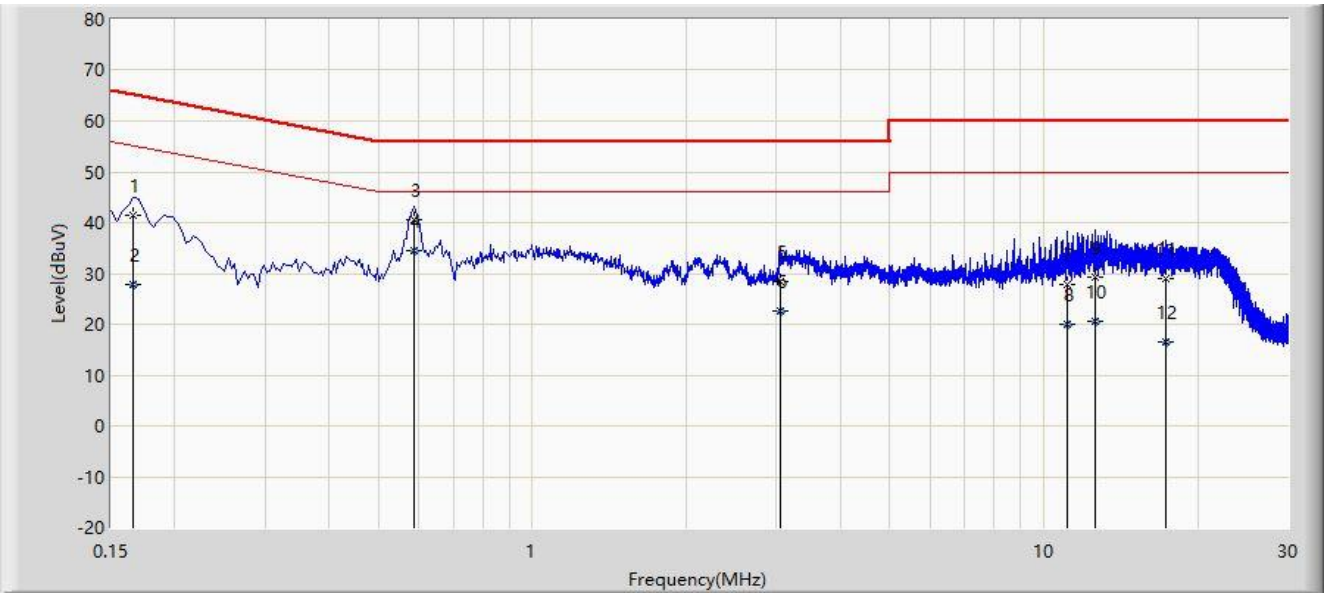
FCC Part 15.207 & RSS-Gen Issue 5 Section 8.8 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

7.11.2.Test Setup



7.11.3.Test Result

Site: SR2	Time: 2020/06/28 - 14:19
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Worst Case Mode: Transmit by DH5 at channel 2402MHz	

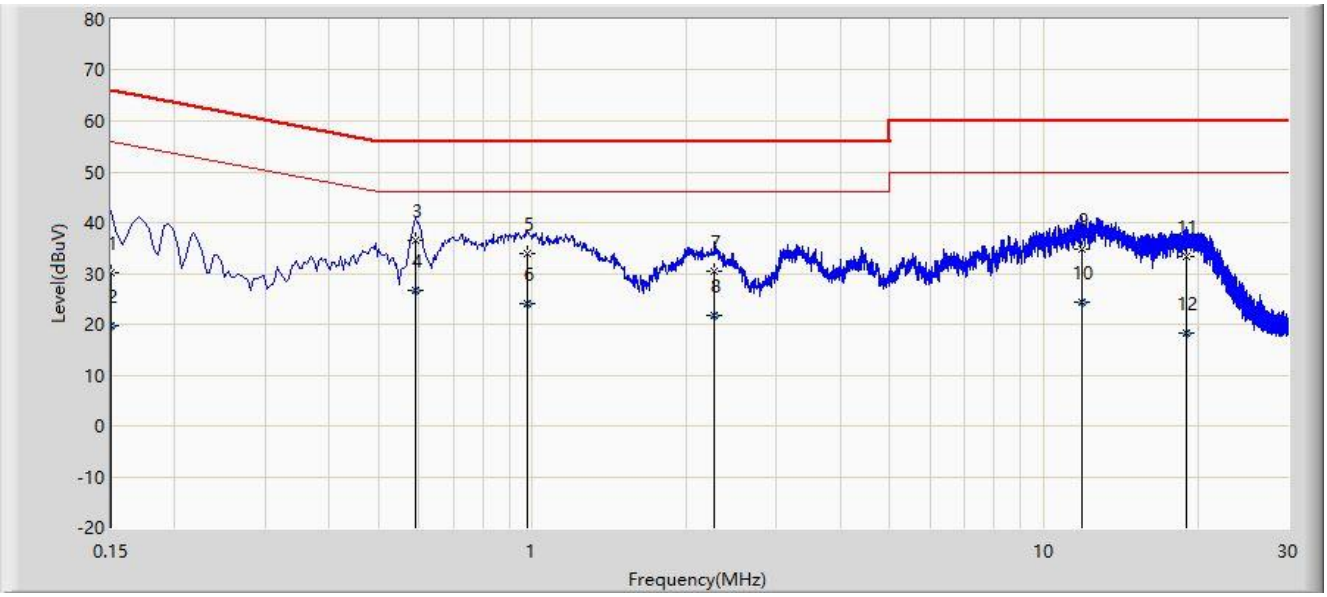


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	41.392	31.093	-23.766	65.158	10.299	QP
2			0.166	27.683	17.384	-27.475	55.158	10.299	AV
3			0.586	40.436	30.485	-15.564	56.000	9.952	QP
4		*	0.586	34.513	24.561	-11.487	46.000	9.952	AV
5			3.046	28.418	18.734	-27.582	56.000	9.684	QP
6			3.046	22.613	12.929	-23.387	46.000	9.684	AV
7			11.114	27.858	18.031	-32.142	60.000	9.827	QP
8			11.114	19.898	10.072	-30.102	50.000	9.827	AV
9			12.606	29.410	19.560	-30.590	60.000	9.851	QP
10			12.606	20.632	10.781	-29.368	50.000	9.851	AV
11			17.354	29.126	19.214	-30.874	60.000	9.911	QP
12			17.354	16.574	6.662	-33.426	50.000	9.911	AV

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

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

Site: SR2	Time: 2020/06/28 - 14:29
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flay Yang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIRELESS SPEAKER	Power: AC 120V/60Hz
Worst Case Mode: Transmit by DH5 at channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	30.027	19.236	-35.973	66.000	10.791	QP
2			0.150	19.753	8.962	-36.247	56.000	10.791	AV
3			0.590	36.386	26.435	-19.614	56.000	9.951	QP
4		*	0.590	26.549	16.599	-19.451	46.000	9.951	AV
5			0.978	34.033	24.238	-21.967	56.000	9.795	QP
6			0.978	24.048	14.253	-21.952	46.000	9.795	AV
7			2.270	30.356	20.678	-25.644	56.000	9.678	QP
8			2.270	21.655	11.977	-24.345	46.000	9.678	AV
9			11.842	34.862	25.001	-25.138	60.000	9.861	QP
10			11.842	24.206	14.345	-25.794	50.000	9.861	AV
11			18.982	33.201	23.209	-26.799	60.000	9.992	QP
12			18.982	18.255	8.263	-31.745	50.000	9.992	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 unit is compliance with Part 15C of the FCC Rules and RSS-247 of the ISED Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2006RSU059-UT” file.

Appendix B - EUT Photograph

Refer to “2006RSU059-UE” file.