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. Set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

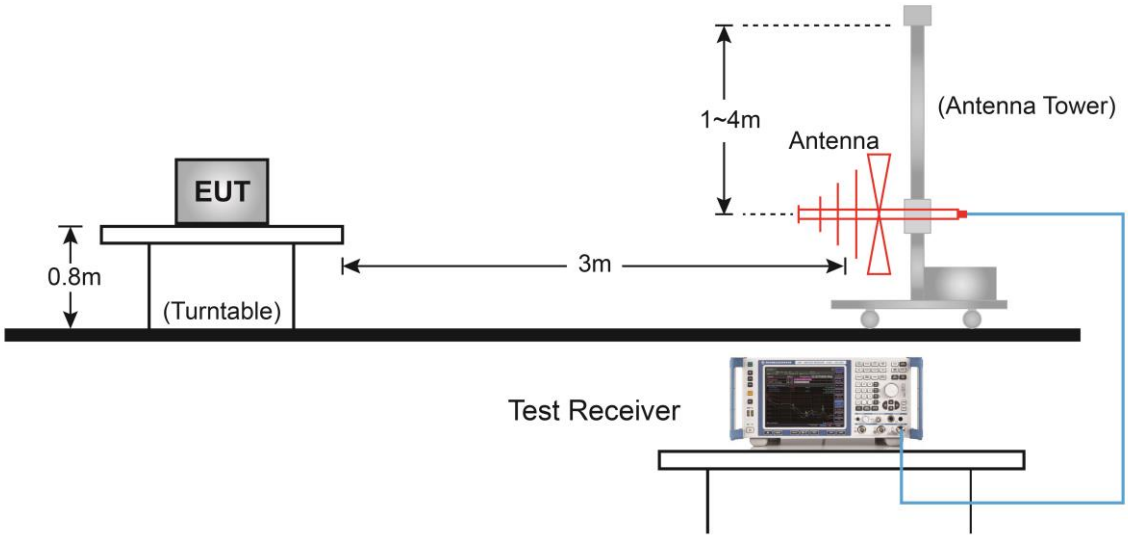
5. Sweep time = auto

6. Trace mode = max hold

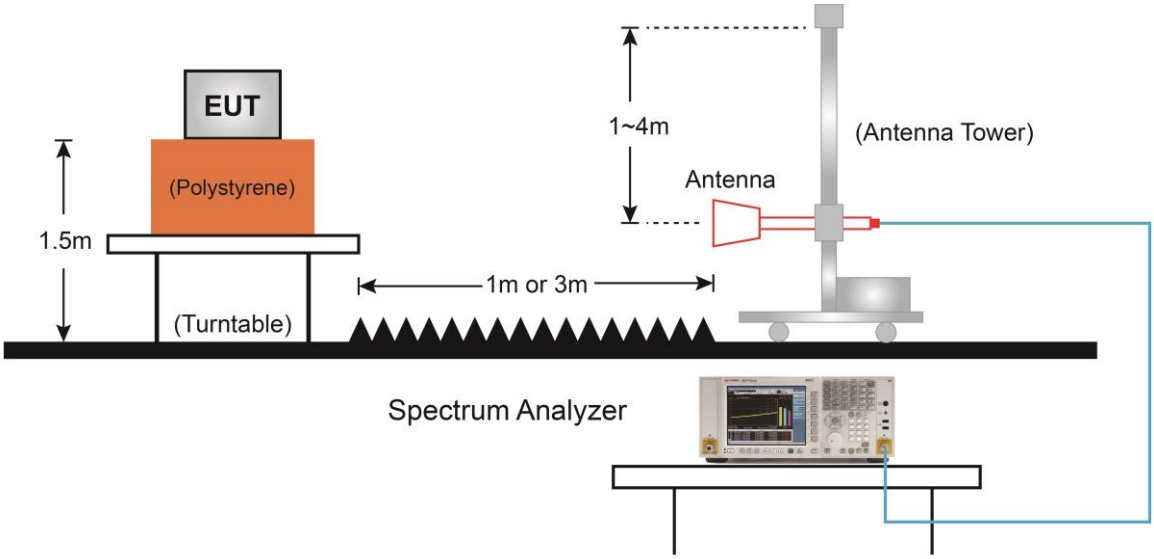
7. Trace was allowed to stabilize

6.9.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.9.5.Test Result

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
4808.0	41.4	5.7	47.1	74.0	-26.9	Peak	Horizontal
7511.0	38.0	10.2	48.2	74.0	-25.8	Peak	Horizontal
9423.5	37.2	14.0	51.2	74.0	-22.8	Peak	Horizontal
4808.0	45.6	5.7	51.3	74.0	-22.7	Peak	Vertical
7664.0	38.7	10.0	48.7	74.0	-25.3	Peak	Vertical
9304.5	37.3	13.4	50.7	74.0	-23.3	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
4884.5	40.6	5.3	45.9	74.0	-28.1	Peak	Horizontal
7698.0	37.8	10.1	47.9	74.0	-26.1	Peak	Horizontal
8165.5	37.5	11.1	48.6	74.0	-25.4	Peak	Horizontal
4884.5	45.5	5.3	50.8	74.0	-23.2	Peak	Vertical
7324.0	41.7	10.1	51.8	74.0	-22.2	Peak	Vertical
8148.5	37.8	10.9	48.7	74.0	-25.3	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
4961.0	40.6	5.5	46.1	74.0	-27.9	Peak	Horizontal
7443.0	40.4	10.1	50.5	74.0	-23.5	Peak	Horizontal
8208.0	37.9	10.9	48.8	74.0	-25.2	Peak	Horizontal
4961.0	45.3	5.5	50.8	74.0	-23.2	Peak	Vertical
7443.0	41.4	10.1	51.5	74.0	-22.5	Peak	Vertical
8191.0	38.3	10.7	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
4808.0	38.5	5.7	44.2	74.0	-29.8	Peak	Horizontal
7468.5	38.1	10.4	48.5	74.0	-25.5	Peak	Horizontal
8131.5	36.9	11.0	47.9	74.0	-26.1	Peak	Horizontal
4808.0	42.2	5.7	47.9	74.0	-26.1	Peak	Vertical
7511.0	38.0	10.2	48.2	74.0	-25.8	Peak	Vertical
8497.0	38.8	11.1	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
5063.0	38.6	6.2	44.8	74.0	-29.2	Peak	Horizontal
7400.5	37.0	10.2	47.2	74.0	-26.8	Peak	Horizontal
8242.0	36.7	10.9	47.6	74.0	-26.4	Peak	Horizontal
4884.5	42.3	5.3	47.6	74.0	-26.4	Peak	Vertical
7324.0	39.1	10.1	49.2	74.0	-24.8	Peak	Vertical
8089.0	37.9	11.2	49.1	74.0	-24.9	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
4961.0	40.4	5.5	45.9	74.0	-28.1	Peak	Horizontal
7400.5	36.7	10.2	46.9	74.0	-27.1	Peak	Horizontal
8488.5	37.3	11.0	48.3	74.0	-25.7	Peak	Horizontal
4961.0	42.1	5.5	47.6	74.0	-26.4	Peak	Vertical
7689.5	37.8	10.2	48.0	74.0	-26.0	Peak	Vertical
8284.5	37.0	10.7	47.7	74.0	-26.3	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
4808.0	38.8	5.7	44.5	74.0	-29.5	Peak	Horizontal
7511.0	37.0	10.2	47.2	74.0	-26.8	Peak	Horizontal
8208.0	37.8	10.9	48.7	74.0	-25.3	Peak	Horizontal
4808.0	42.0	5.7	47.7	74.0	-26.3	Peak	Vertical
7434.5	37.2	10.0	47.2	74.0	-26.8	Peak	Vertical
8480.0	36.7	11.0	47.7	74.0	-26.3	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

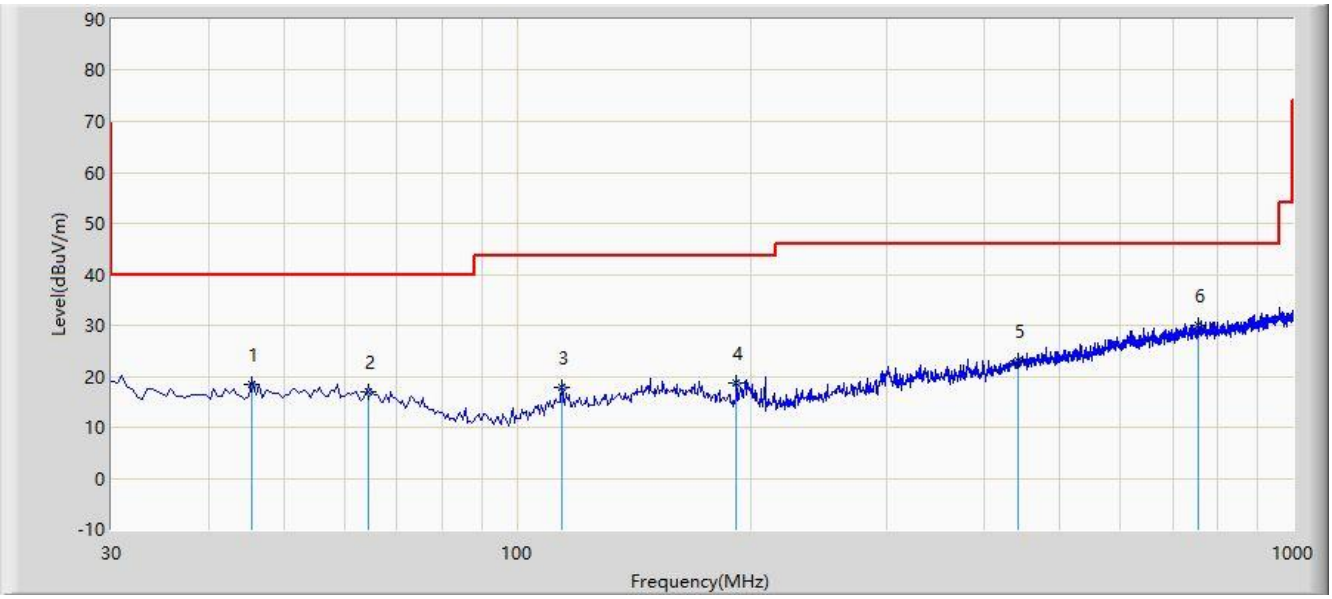
Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
5046.0	38.5	6.0	44.5	74.0	-29.5	Peak	Horizontal
7477.0	38.0	10.4	48.4	74.0	-25.6	Peak	Horizontal
8301.5	35.7	10.8	46.5	74.0	-27.5	Peak	Horizontal
4884.5	42.0	5.3	47.3	74.0	-26.7	Peak	Vertical
7536.5	37.0	10.3	47.3	74.0	-26.7	Peak	Vertical
8471.5	38.3	11.0	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)							

Test Site	WZ-AC1	Test Engineer	Antony Yang
Test Date	2021/01/08	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.		

Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
5046.0	38.7	6.0	44.7	74.0	-29.3	Peak	Horizontal
7528.0	38.8	10.2	49.0	74.0	-25.0	Peak	Horizontal
8114.5	38.0	10.9	48.9	74.0	-25.1	Peak	Horizontal
4961.0	41.8	5.5	47.3	74.0	-26.7	Peak	Vertical
7443.0	38.5	10.1	48.6	74.0	-25.4	Peak	Vertical
8208.0	38.3	10.9	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)							

The Worst Case of Radiated Emission below 1GHz:

Site: WZ-AC1	Time: 2021/01/07 - 21:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



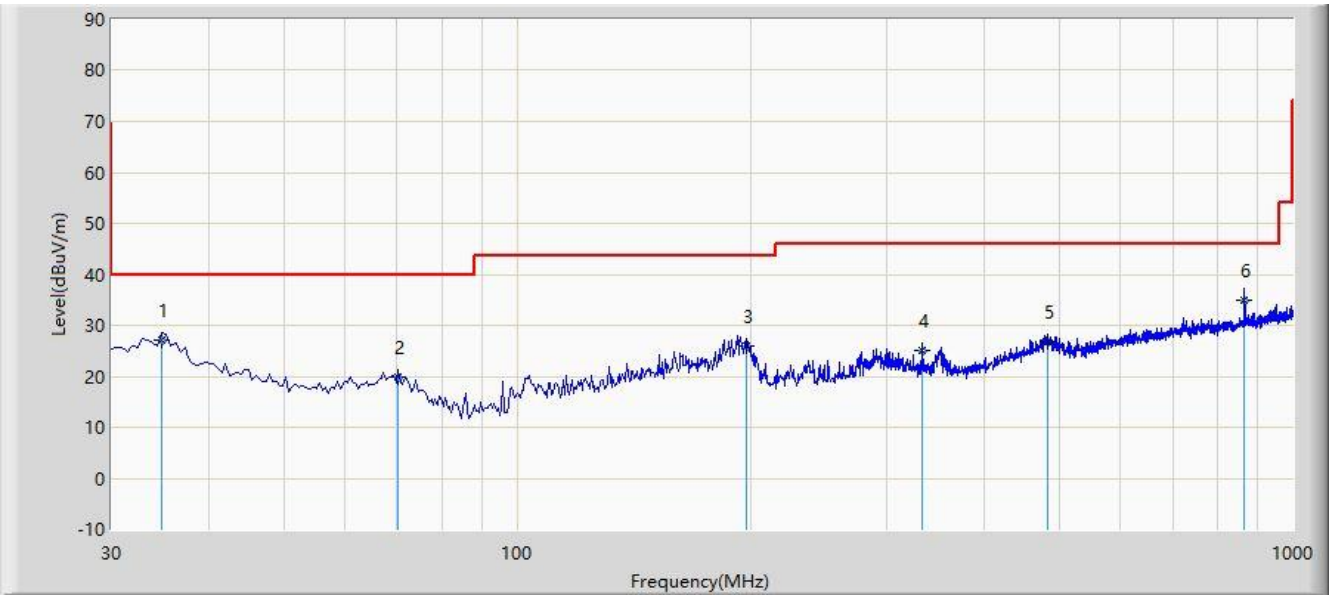
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			45.520	18.506	0.580	-21.494	40.000	17.926	QP
2			64.435	17.071	0.120	-22.929	40.000	16.951	QP
3			114.390	17.819	2.360	-25.681	43.500	15.459	QP
4			191.990	18.624	3.150	-24.876	43.500	15.474	QP
5			442.735	23.061	0.500	-22.939	46.000	22.561	QP
6		*	755.560	30.025	1.540	-15.975	46.000	28.485	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: WZ-AC1	Time: 2021/01/07 - 21:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			34.850	27.090	10.200	-12.910	40.000	16.890	QP
2			70.255	19.872	3.950	-20.128	40.000	15.921	QP
3			197.810	26.074	10.840	-17.426	43.500	15.234	QP
4			333.125	25.052	5.400	-20.948	46.000	19.652	QP
5			482.990	26.829	3.540	-19.171	46.000	23.289	QP
6		*	867.110	35.024	5.540	-10.976	46.000	29.484	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.

6.10. Radiated Restricted Band Edge Measurement

6.10.1. 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 [μV/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

6.10.2.Test Procedure Used

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

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

6.10.3.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 (Method VB)

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

2. RBW = 1MHz

3. Set VBW ≥ 1/T. T is the minimum transmission duration.

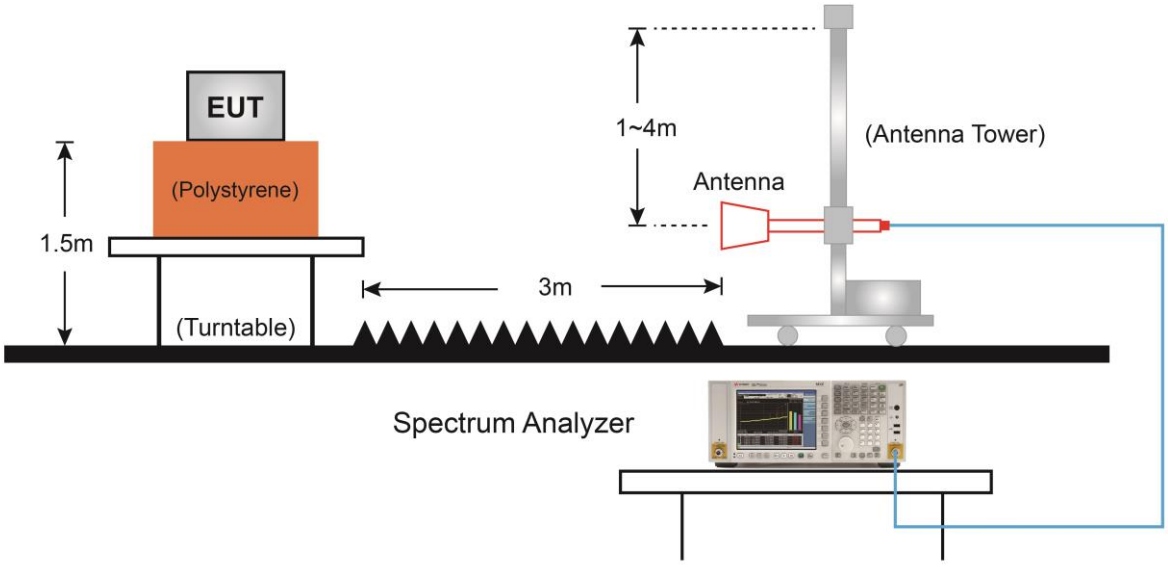
4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

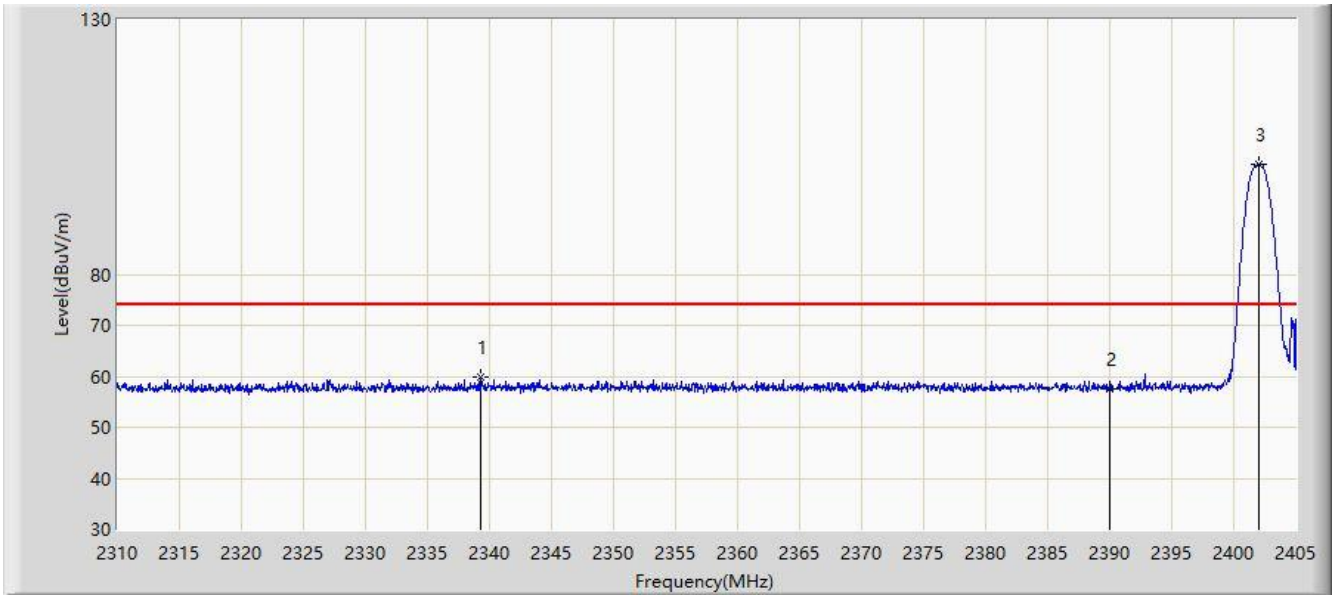
7. Trace was allowed to stabilize

6.10.4.Test Setup



6.10.5.Test Result

Site: WZ-AC1	Time: 2021/01/08 - 02:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

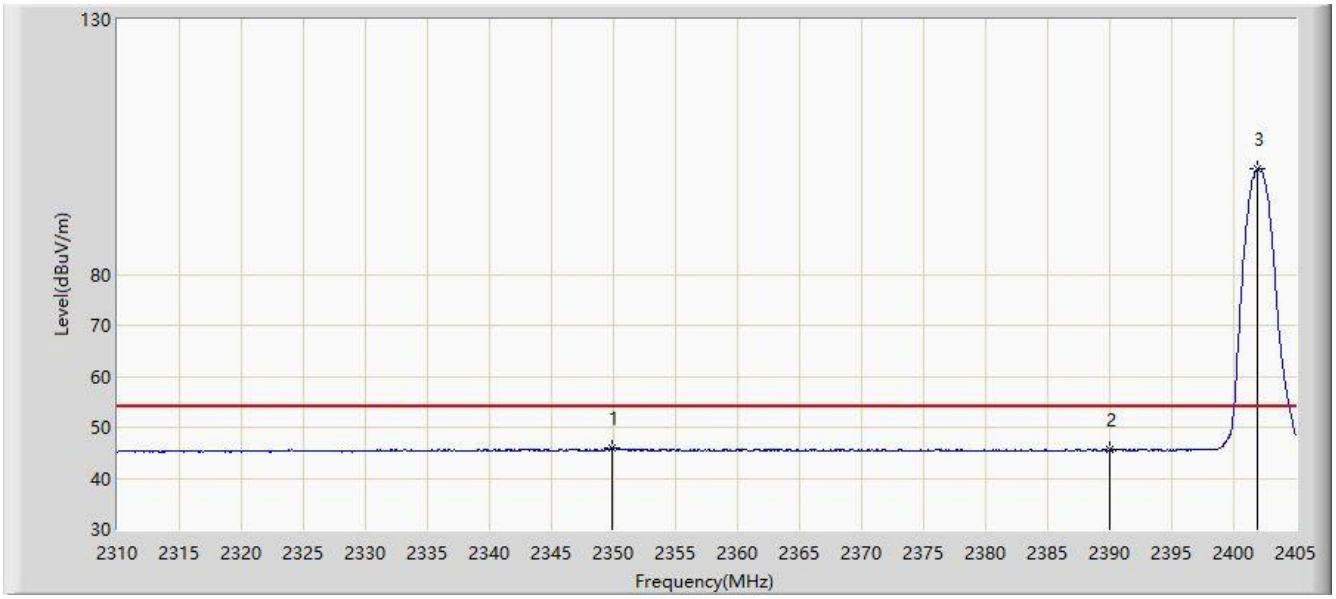


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2339.308	59.796	27.113	-14.204	74.000	32.683	PK
2			2390.000	57.544	25.011	-16.456	74.000	32.533	PK
3		*	2402.055	101.619	69.079	N/A	N/A	32.540	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

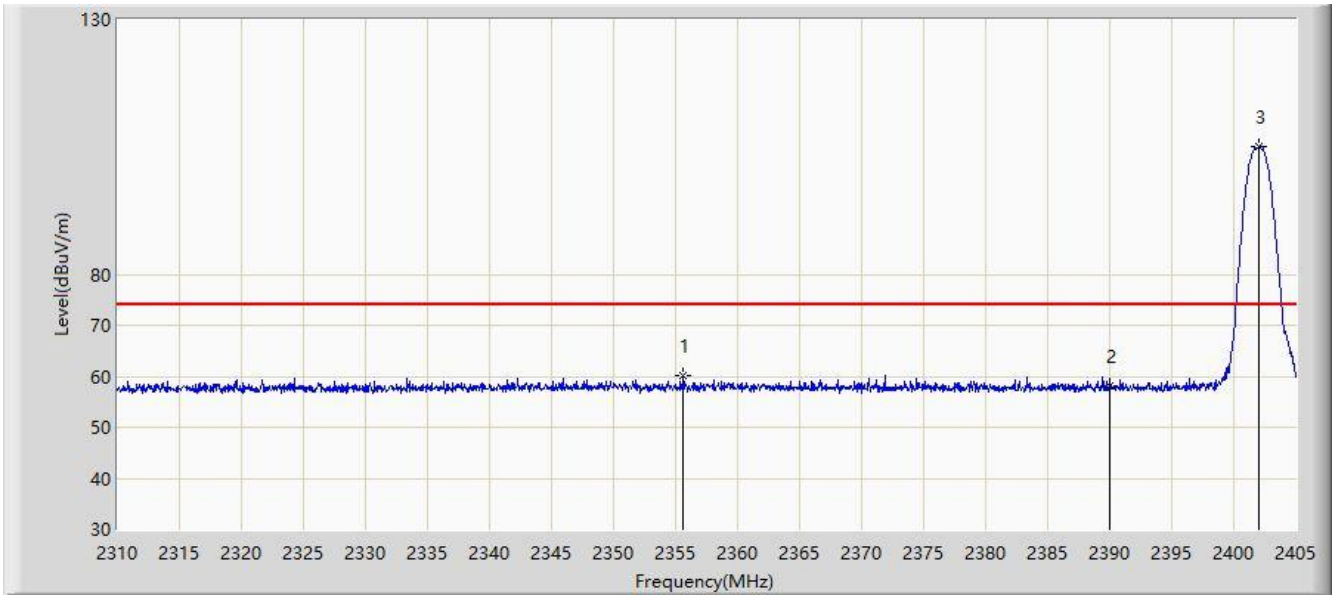


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2349.853	45.843	13.184	-8.157	54.000	32.660	AV
2			2390.000	45.667	13.134	-8.333	54.000	32.533	AV
3		*	2401.913	100.684	68.143	N/A	N/A	32.541	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

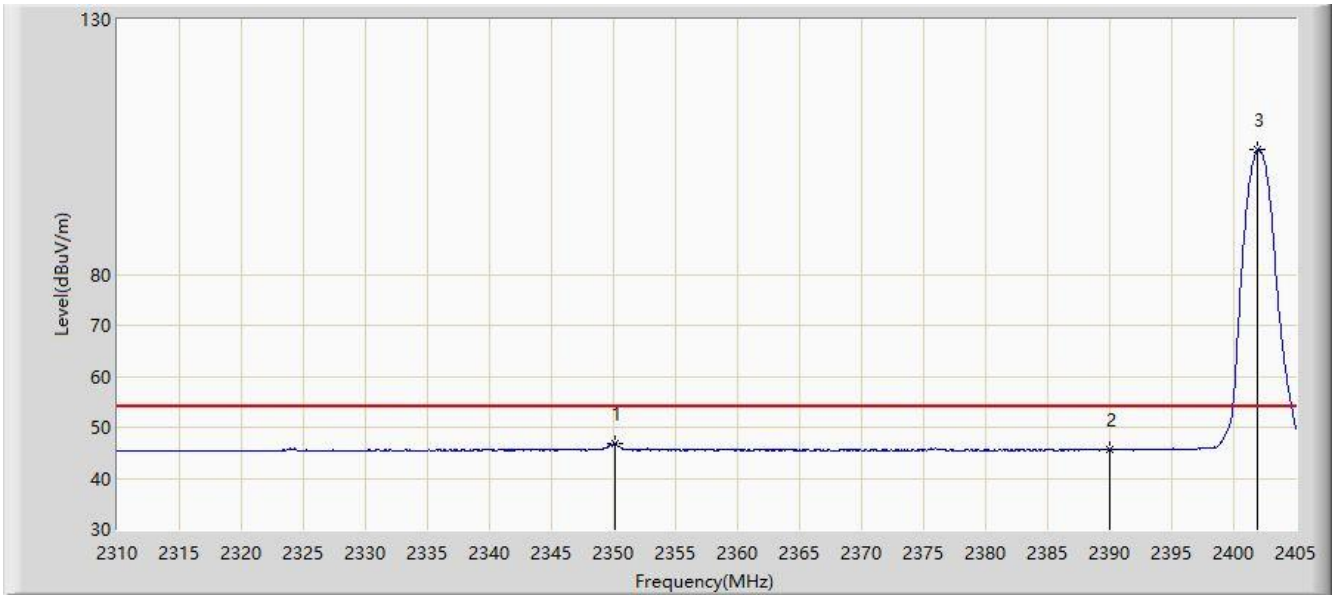


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2355.647	60.031	27.403	-13.969	74.000	32.628	PK
2			2390.000	58.064	25.531	-15.936	74.000	32.533	PK
3		*	2402.055	105.011	72.471	N/A	N/A	32.540	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

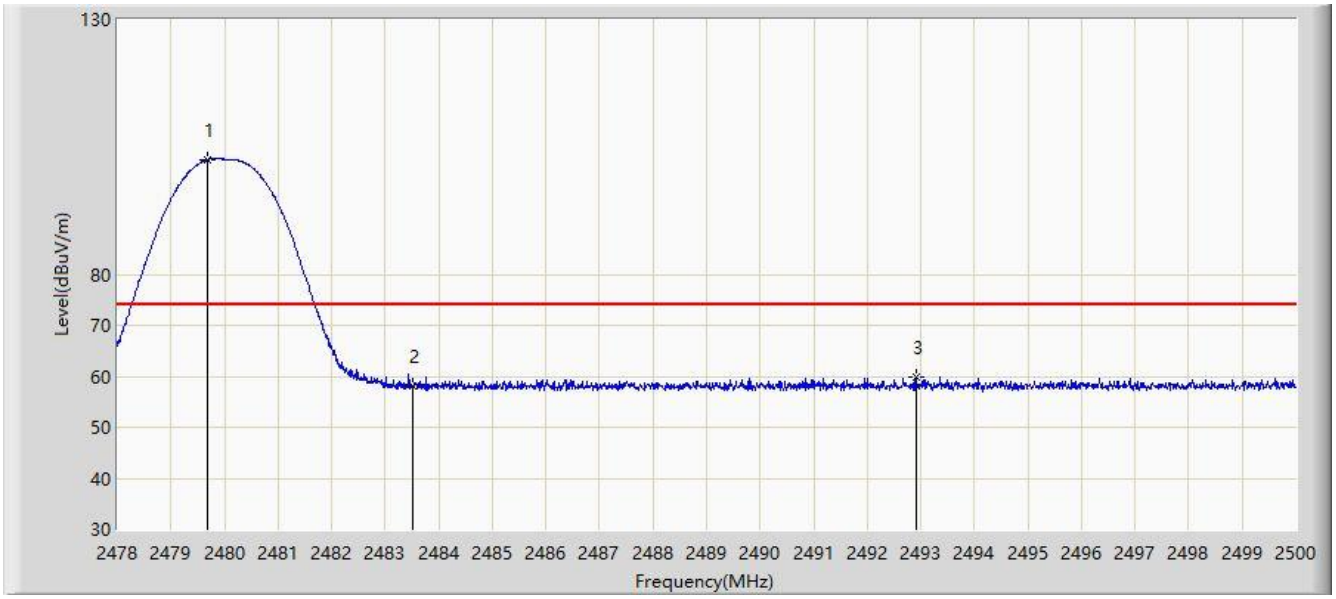


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2350.137	46.723	14.065	-7.277	54.000	32.657	AV
2			2390.000	45.538	13.005	-8.462	54.000	32.533	AV
3		*	2401.913	104.395	71.854	N/A	N/A	32.541	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

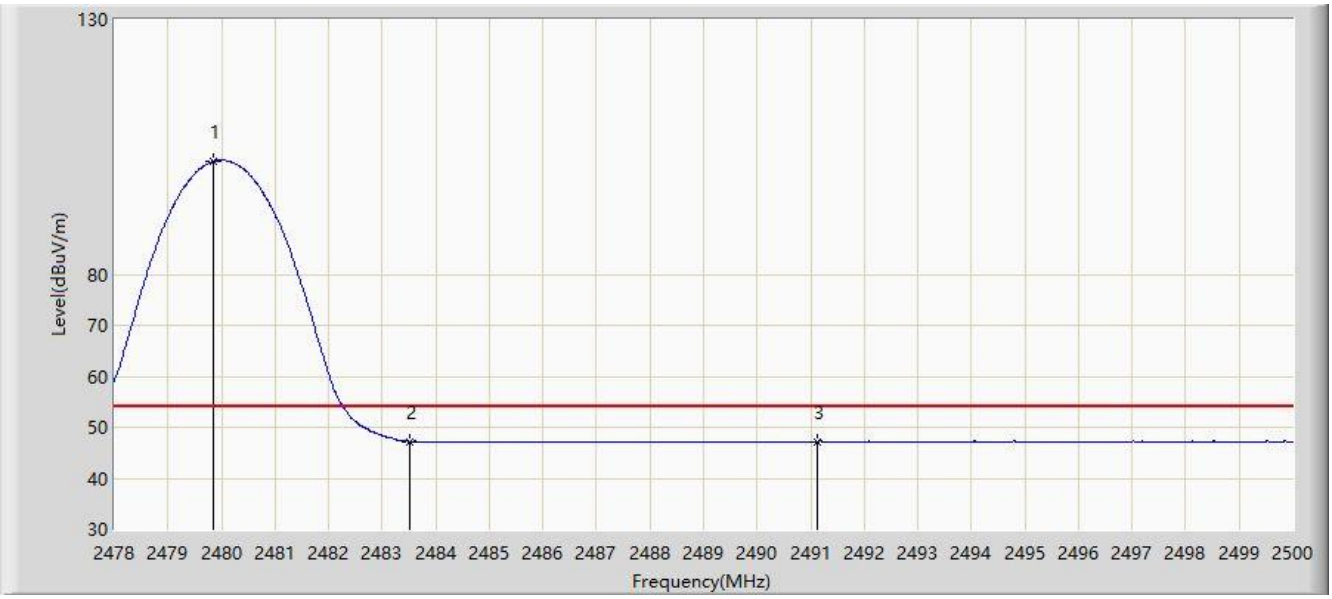


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.683	102.535	70.084	N/A	N/A	32.452	PK
2			2483.500	58.159	25.730	-15.841	74.000	32.429	PK
3			2492.916	59.896	27.475	-14.104	74.000	32.421	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

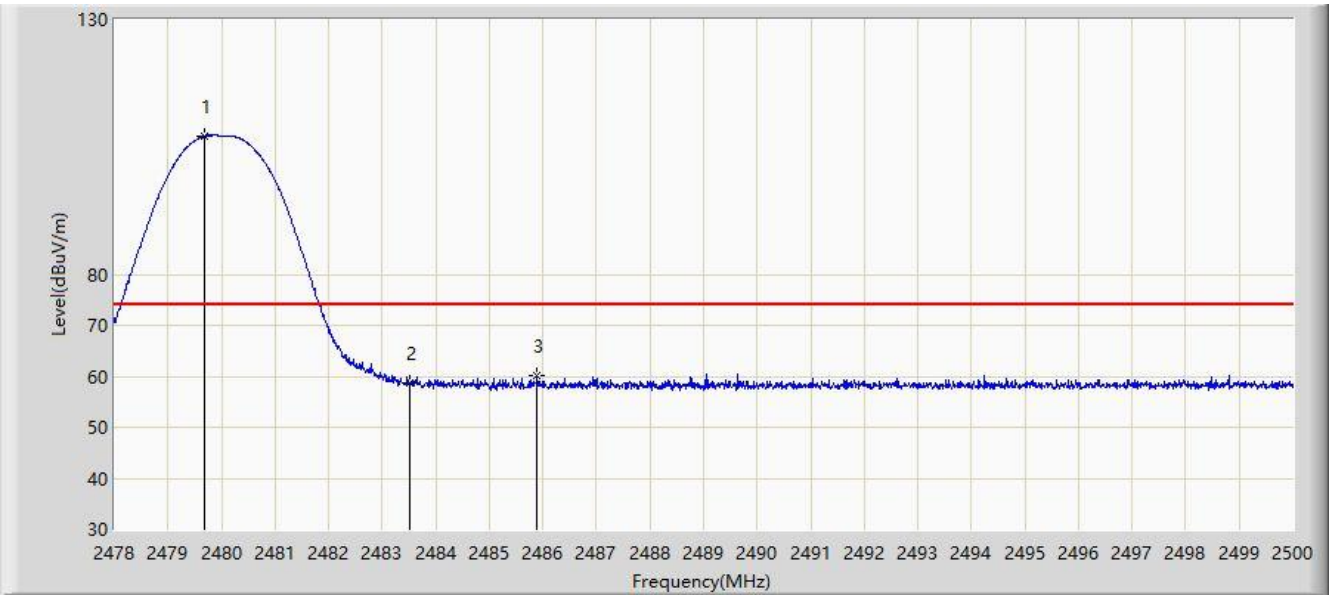


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.859	102.214	69.764	N/A	N/A	32.450	AV
2			2483.500	47.227	14.798	-6.773	54.000	32.429	AV
3			2491.134	47.236	14.821	-6.764	54.000	32.416	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

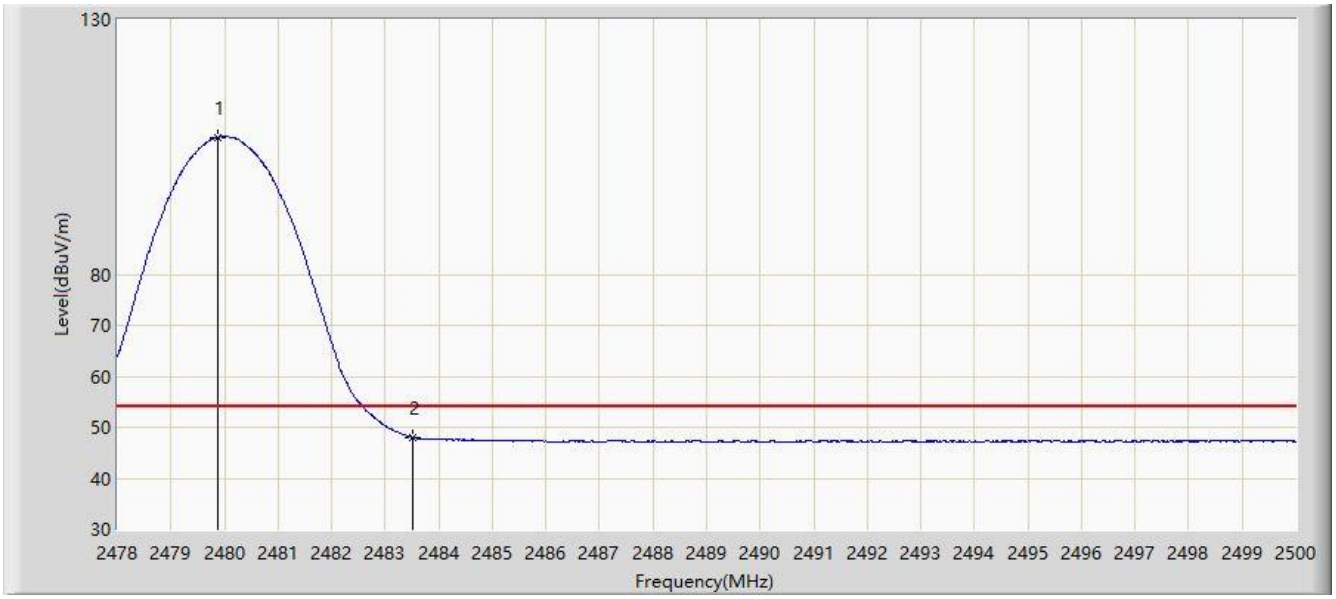


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.694	107.182	74.731	N/A	N/A	32.451	PK
2			2483.500	58.640	26.211	-15.360	74.000	32.429	PK
3			2485.898	60.053	27.639	-13.947	74.000	32.414	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

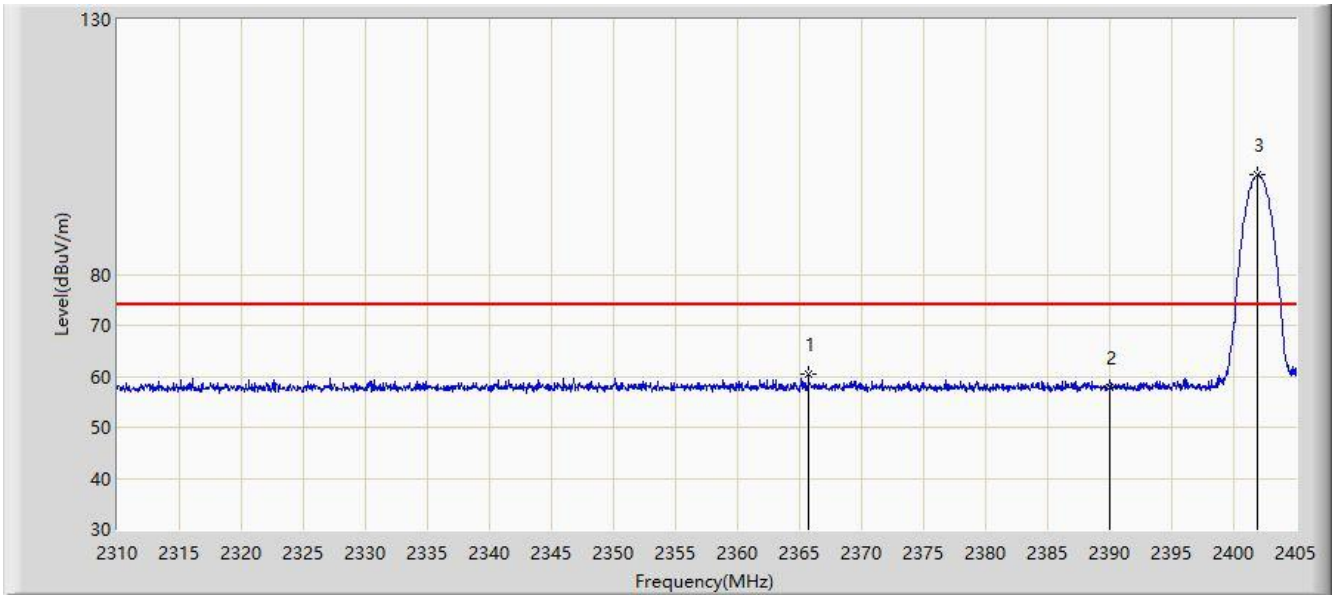


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2479.881	106.888	74.438	N/A	N/A	32.450	AV
2			2483.500	48.100	15.671	-5.900	54.000	32.429	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

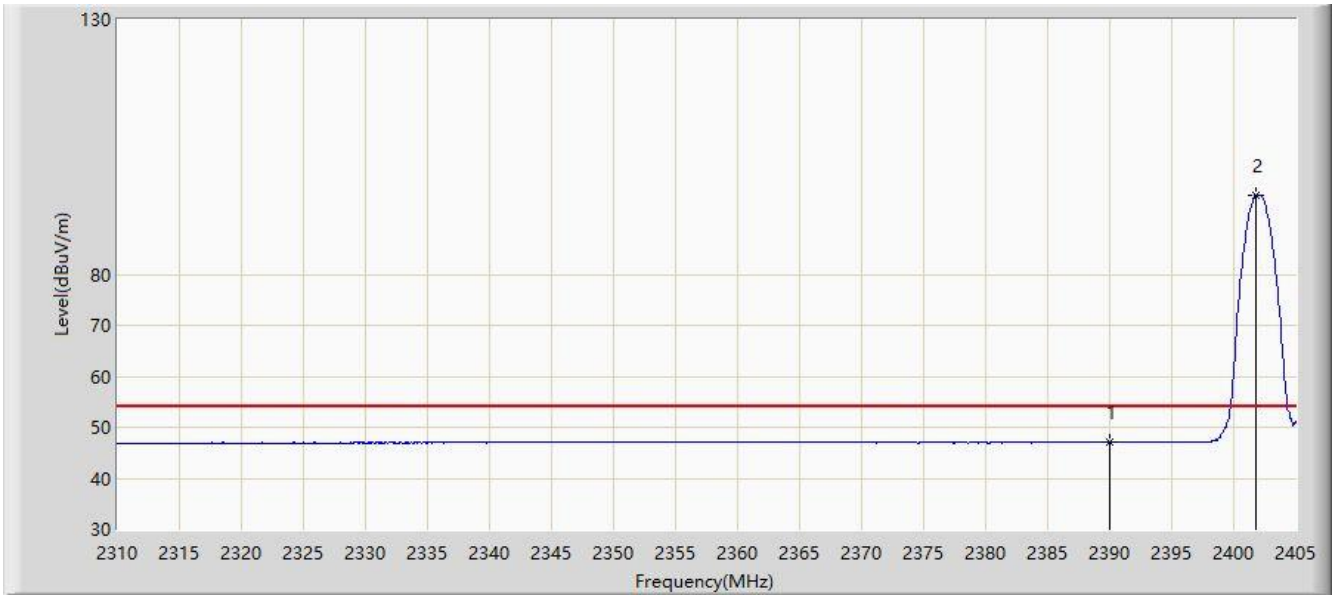


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2365.718	60.541	27.967	-13.459	74.000	32.574	PK
2			2390.000	57.694	25.161	-16.306	74.000	32.533	PK
3		*	2401.865	99.591	67.050	N/A	N/A	32.541	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

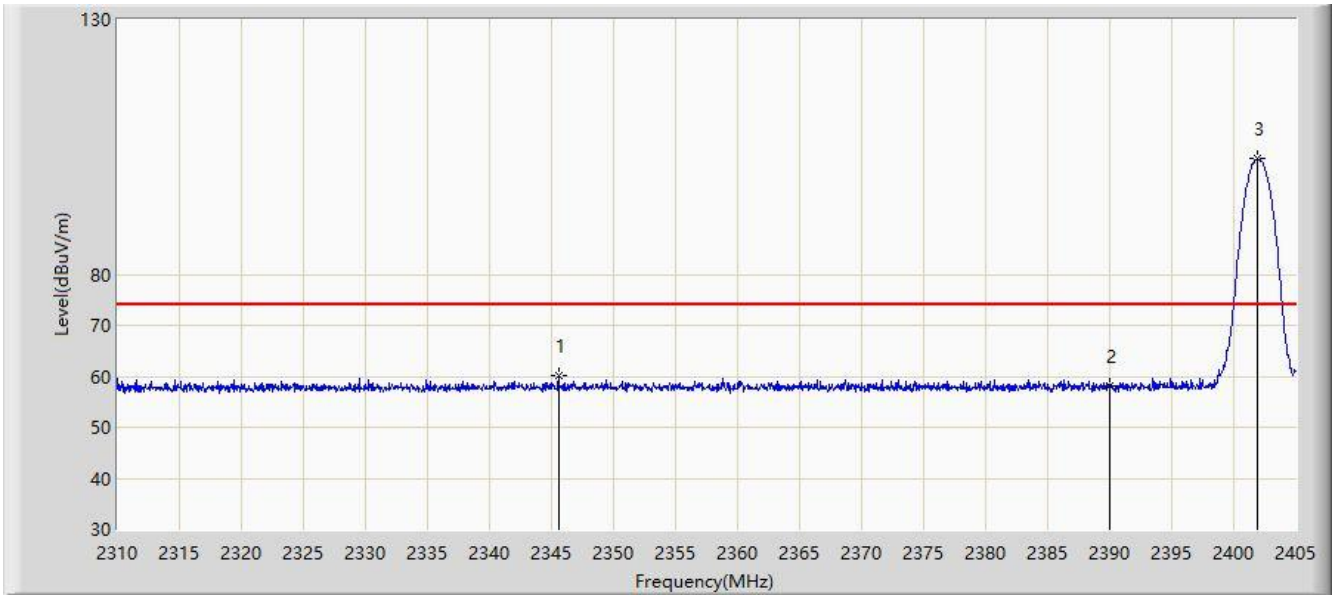


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2390.000	47.047	14.514	-6.953	54.000	32.533	AV
2		*	2401.770	95.483	62.942	N/A	N/A	32.541	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

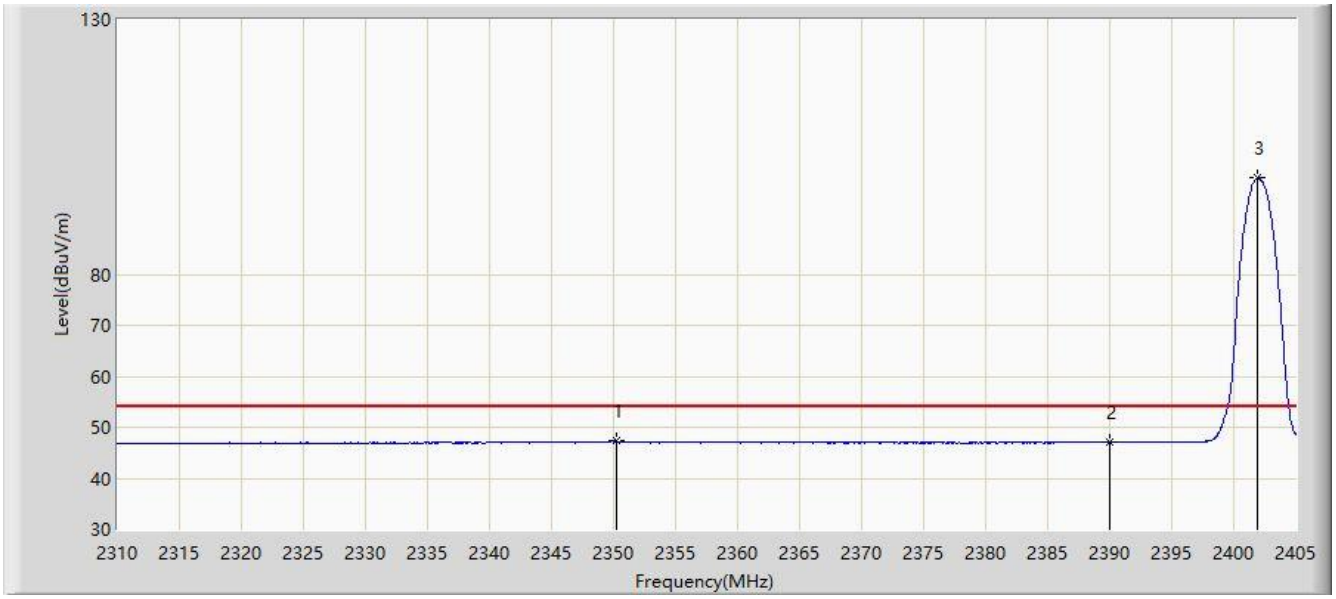


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2345.577	60.028	27.346	-13.972	74.000	32.682	PK
2			2390.000	58.129	25.596	-15.871	74.000	32.533	PK
3		*	2401.960	102.835	70.295	N/A	N/A	32.540	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

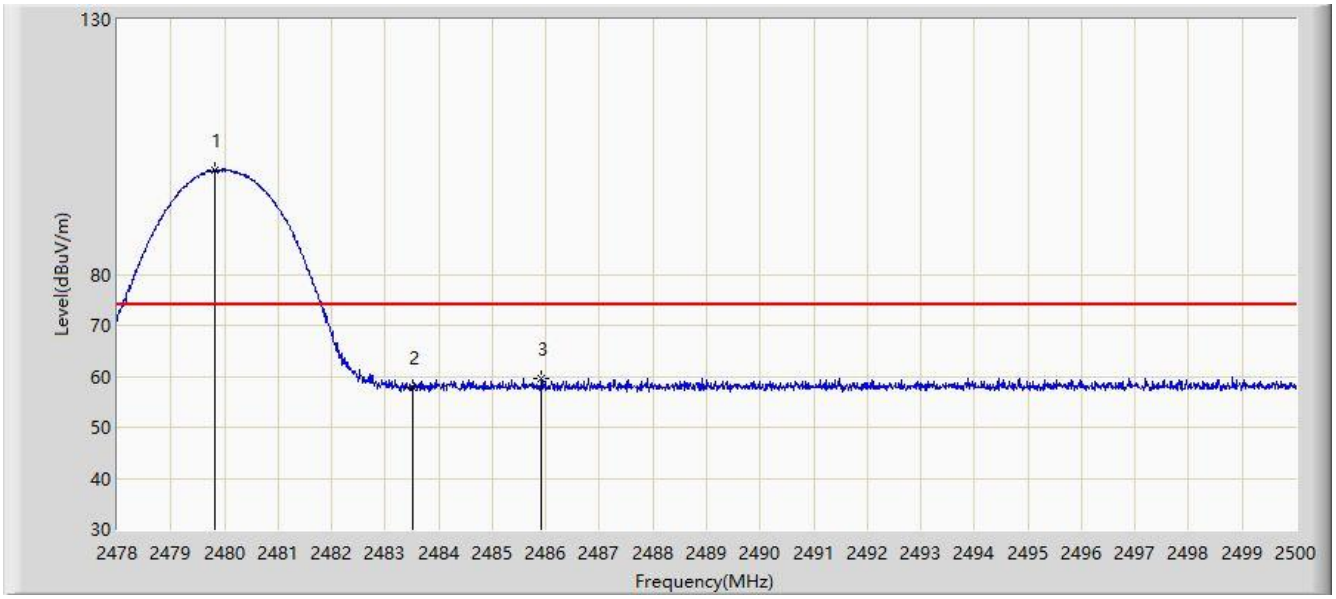


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2350.280	47.268	14.611	-6.732	54.000	32.657	AV
2			2390.000	47.110	14.577	-6.890	54.000	32.533	AV
3		*	2401.960	99.110	66.570	N/A	N/A	32.540	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

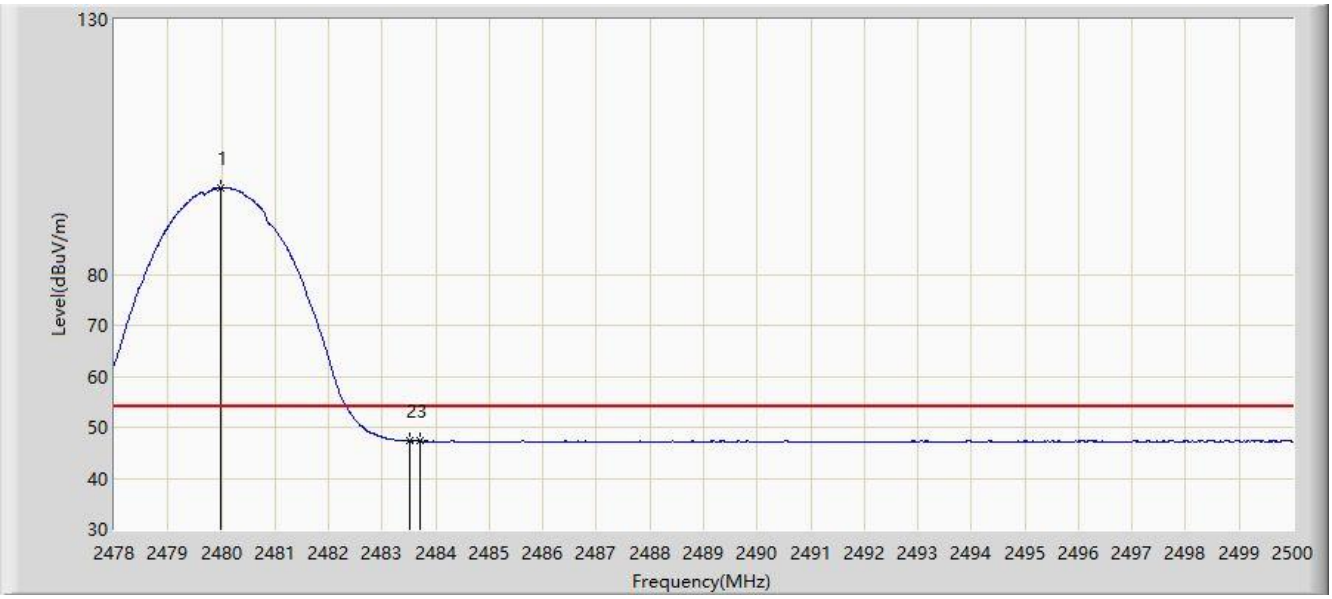


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.815	100.355	67.904	N/A	N/A	32.451	PK
2			2483.500	57.926	25.497	-16.074	74.000	32.429	PK
3			2485.920	59.641	27.227	-14.359	74.000	32.414	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

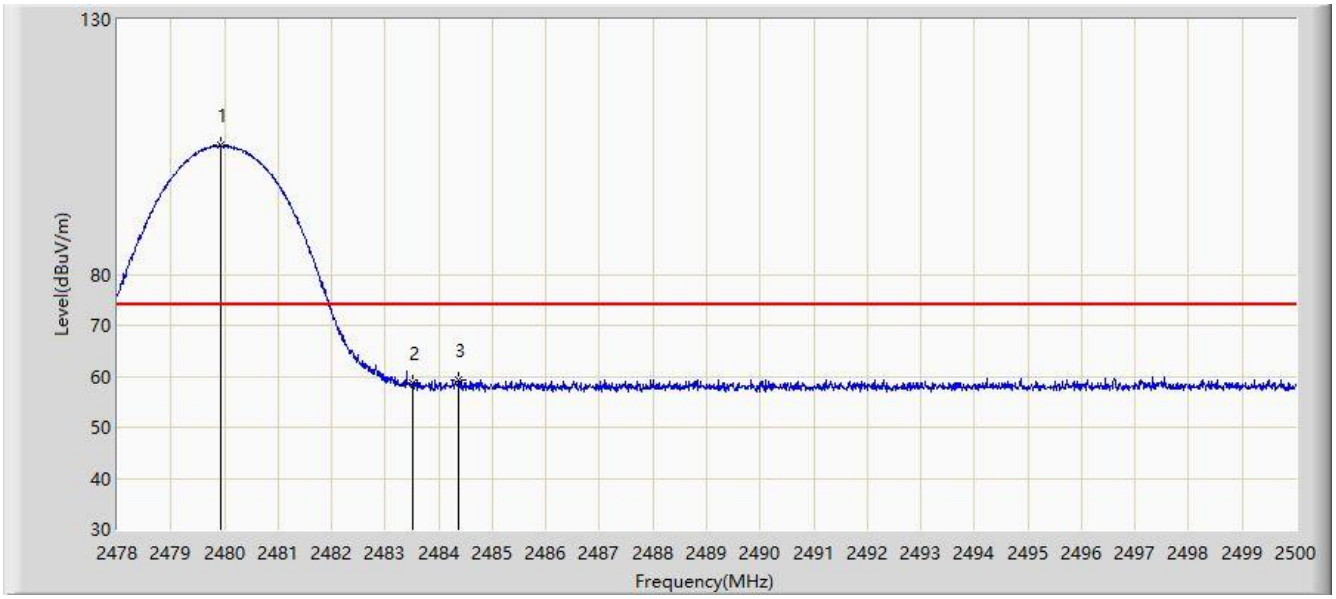


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.991	96.932	64.482	N/A	N/A	32.449	AV
2			2483.500	47.309	14.880	-6.691	54.000	32.429	AV
3			2483.709	47.342	14.915	-6.658	54.000	32.427	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

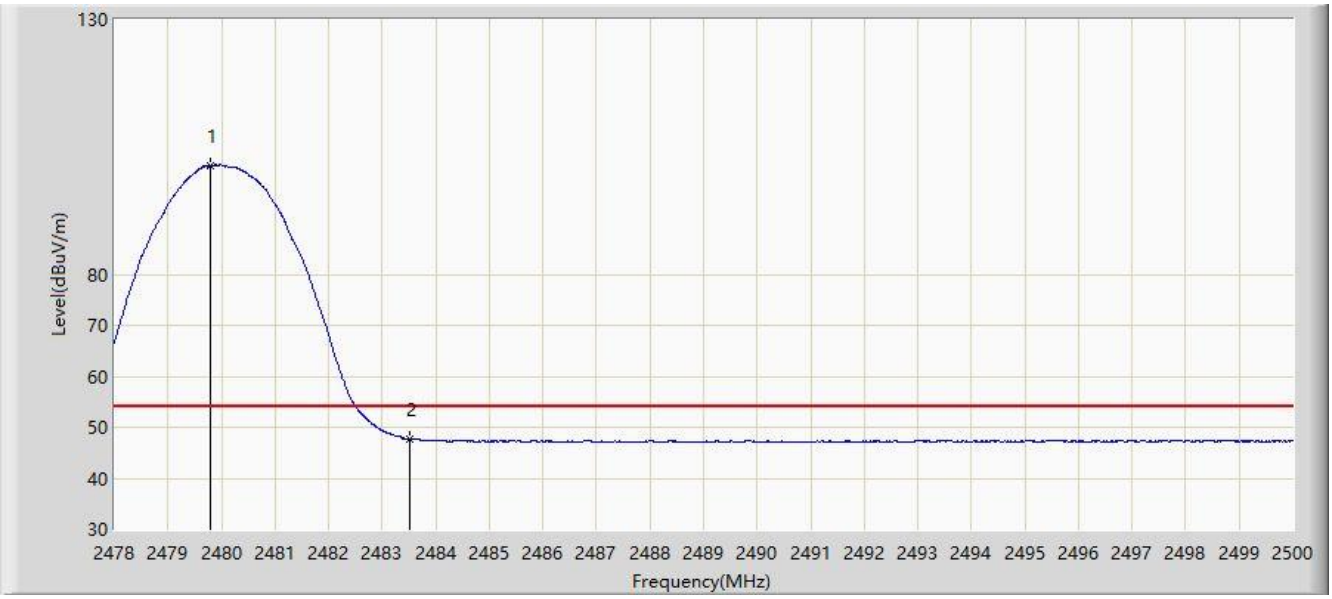


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.936	105.322	72.872	N/A	N/A	32.450	PK
2			2483.500	58.738	26.309	-15.262	74.000	32.429	PK
3			2484.369	59.151	26.728	-14.849	74.000	32.423	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

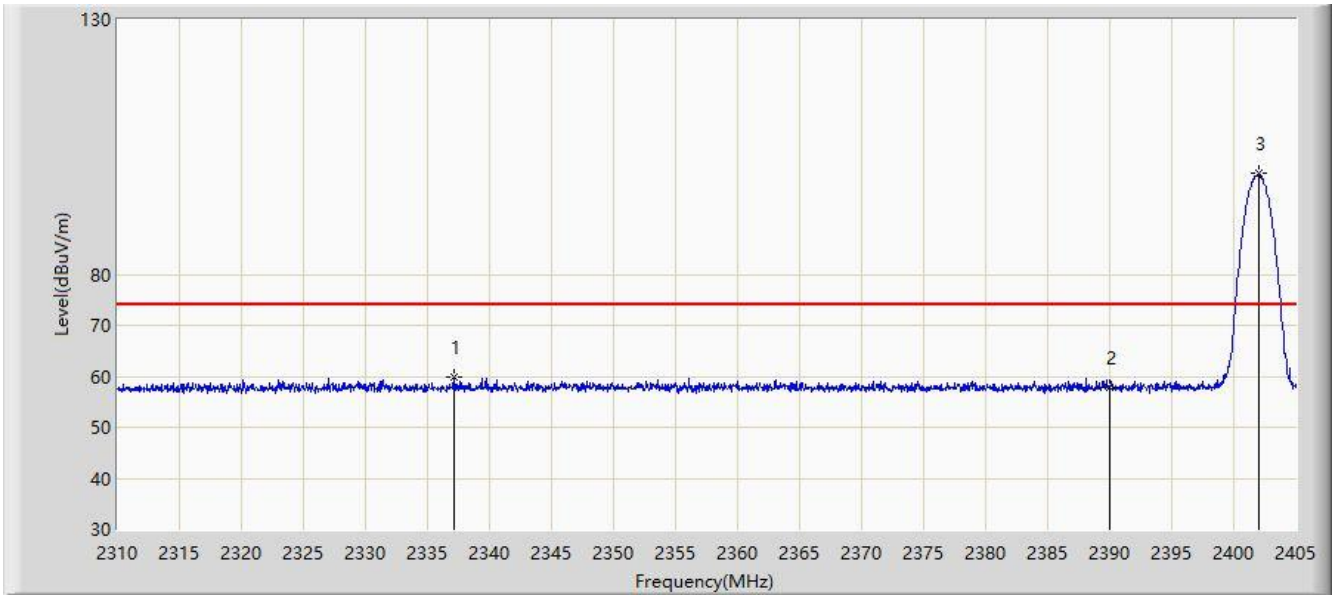


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2479.793	101.302	68.851	N/A	N/A	32.451	AV
2			2483.500	47.773	15.344	-6.227	54.000	32.429	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

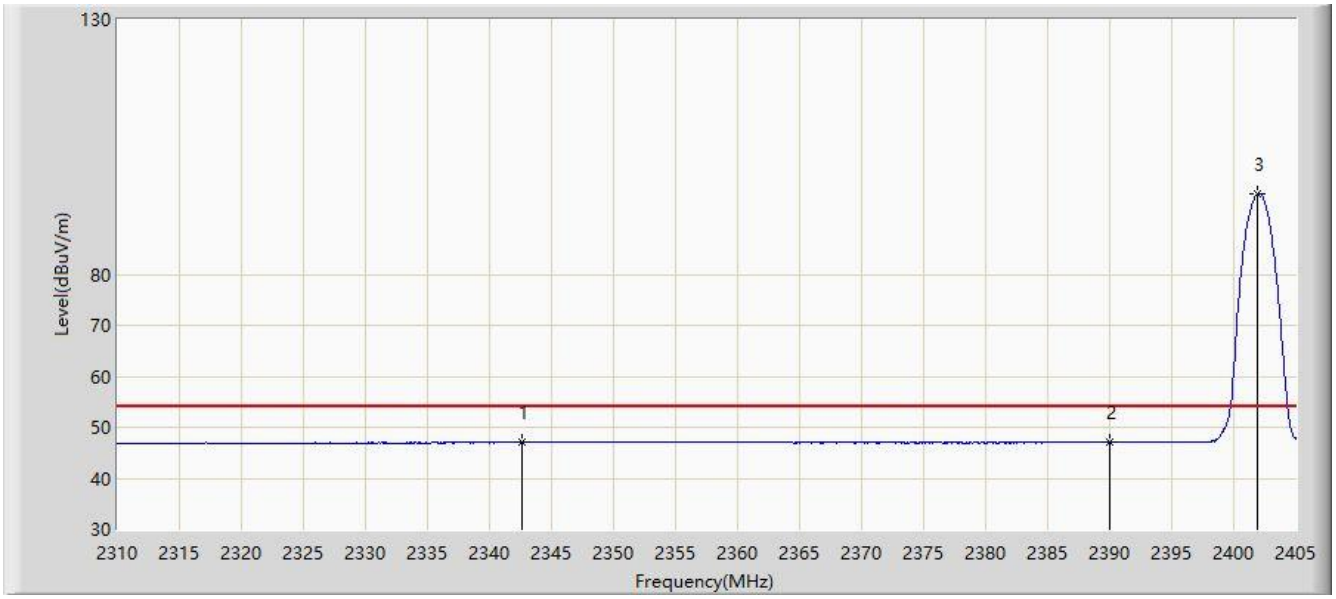


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2337.123	59.861	27.182	-14.139	74.000	32.679	PK
2			2390.000	57.834	25.301	-16.166	74.000	32.533	PK
3		*	2402.008	99.734	67.194	N/A	N/A	32.540	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

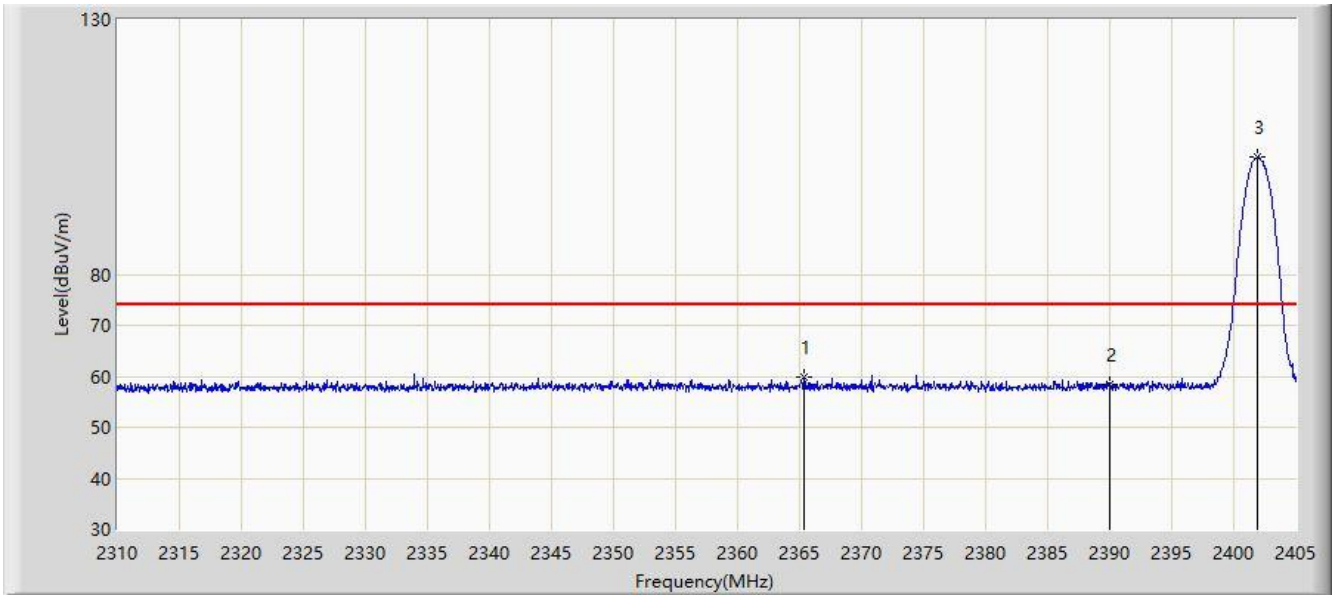


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2342.585	47.095	14.404	-6.905	54.000	32.691	AV
2			2390.000	46.993	14.460	-7.007	54.000	32.533	AV
3		*	2401.865	95.732	63.191	N/A	N/A	32.541	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

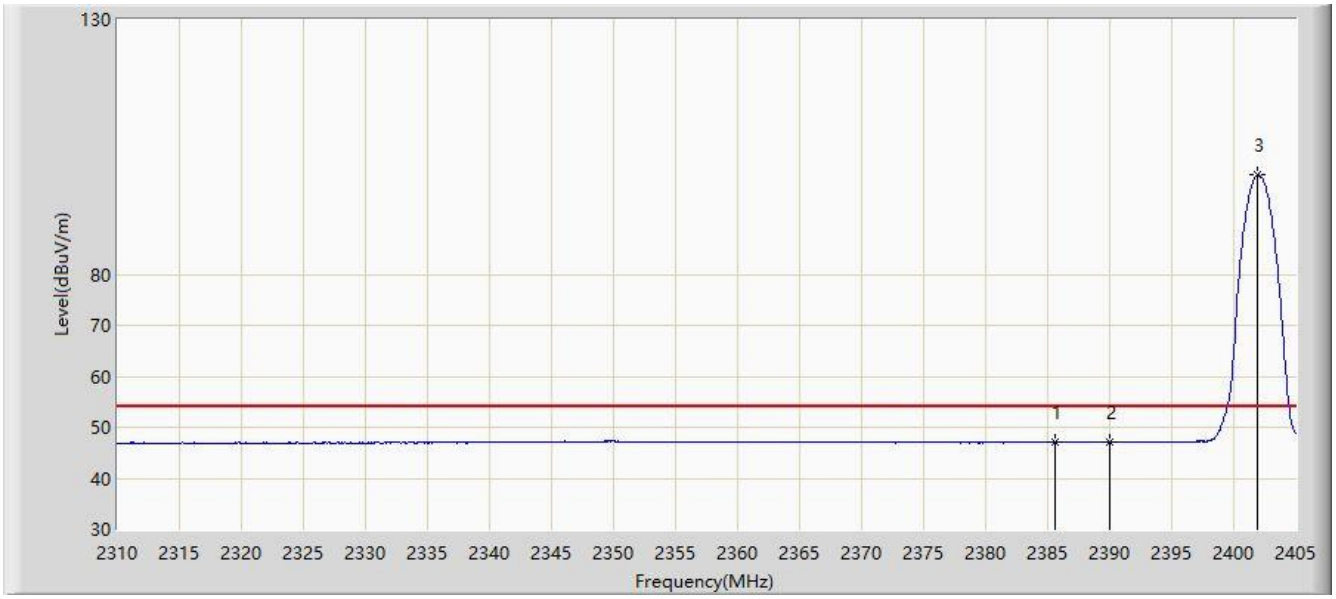


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2365.385	59.714	27.138	-14.286	74.000	32.576	PK
2			2390.000	58.497	25.964	-15.503	74.000	32.533	PK
3		*	2401.865	102.944	70.403	N/A	N/A	32.541	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

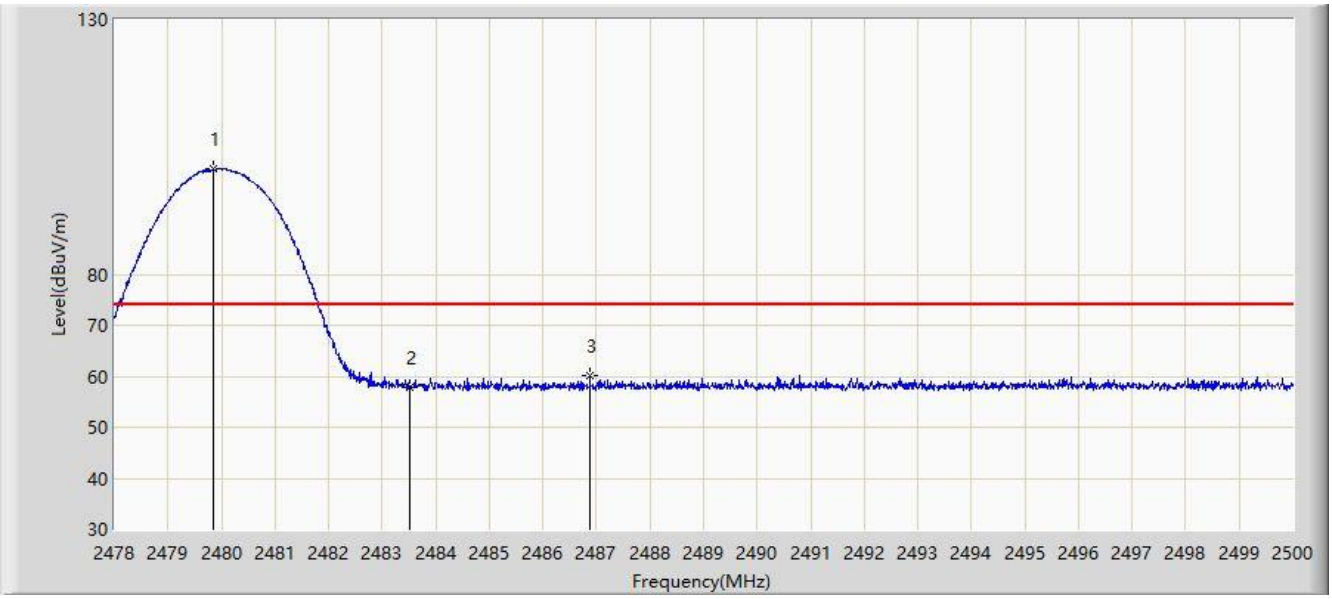


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2385.620	47.198	14.684	-6.802	54.000	32.515	AV
2			2390.000	47.130	14.597	-6.870	54.000	32.533	AV
3		*	2401.913	99.457	66.916	N/A	N/A	32.541	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

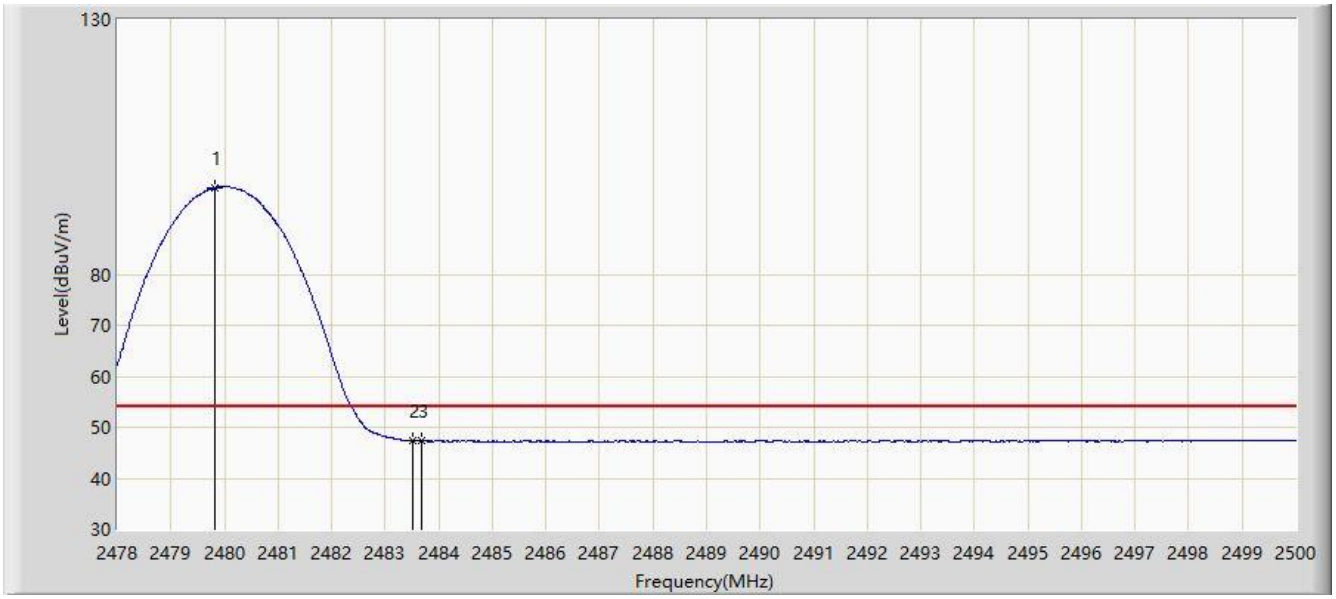


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2479.837	100.663	68.213	N/A	N/A	32.450	PK
2			2483.500	57.909	25.480	-16.091	74.000	32.429	PK
3			2486.877	60.089	27.681	-13.911	74.000	32.408	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

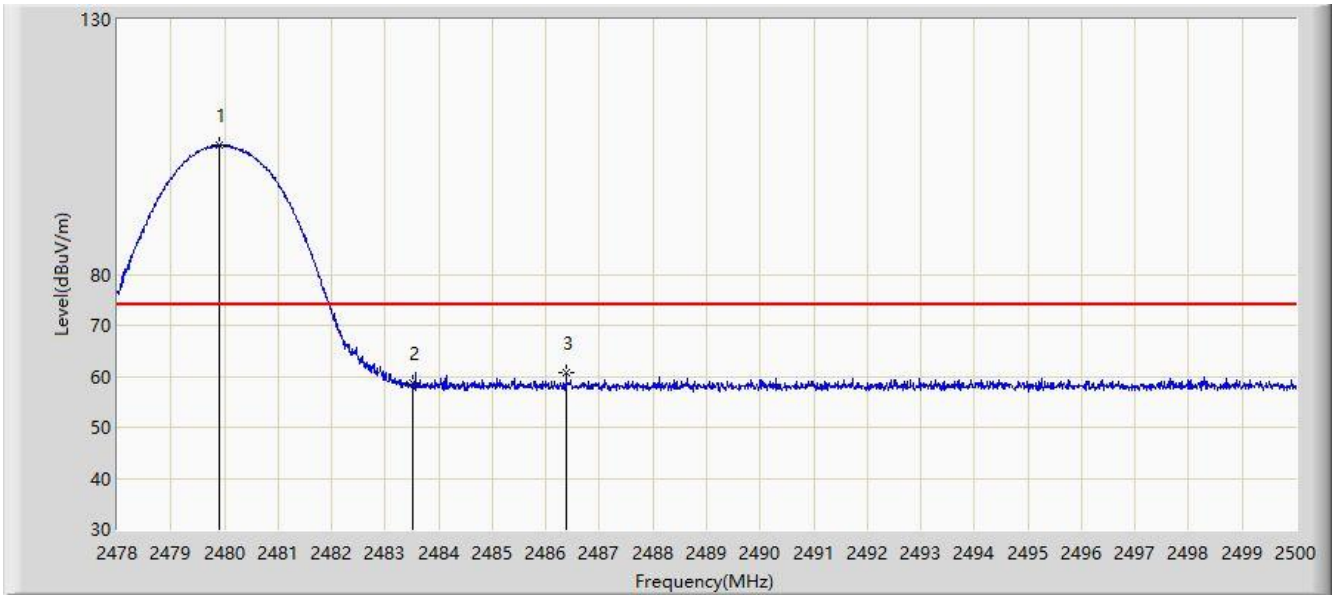


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.815	96.937	64.486	N/A	N/A	32.451	AV
2			2483.500	47.315	14.886	-6.685	54.000	32.429	AV
3			2483.676	47.370	14.943	-6.630	54.000	32.427	AV

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

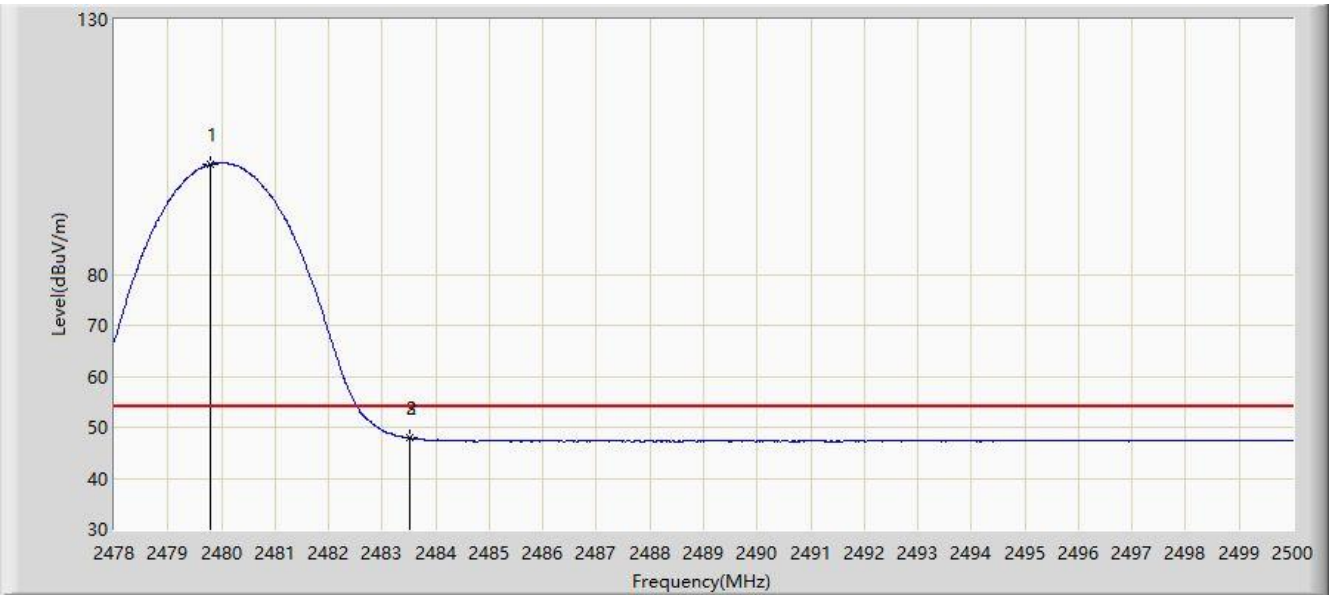


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.914	105.351	72.901	N/A	N/A	32.450	PK
2			2483.500	58.833	26.404	-15.167	74.000	32.429	PK
3			2486.382	60.669	28.258	-13.331	74.000	32.412	PK

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

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

Site: WZ-AC1	Time: 2021/01/08 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2479.804	101.617	69.166	N/A	N/A	32.451	AV
2			2483.500	47.916	15.487	-6.084	54.000	32.429	AV
3			2483.522	47.932	15.504	-6.068	54.000	32.429	AV

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

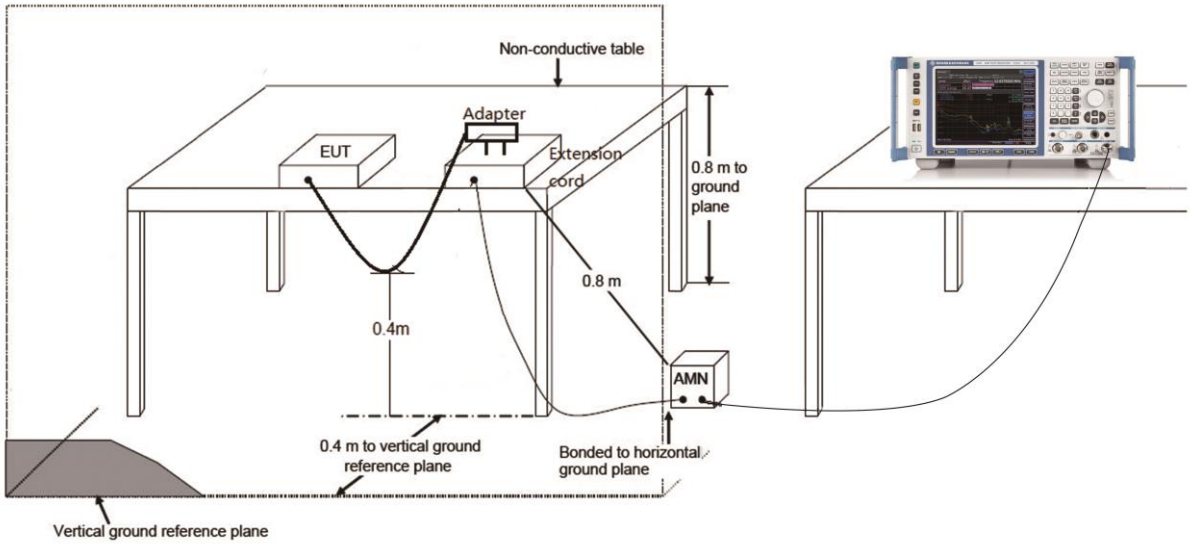
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

6.11. AC Conducted Emissions Measurement

6.11.1.Test Limit

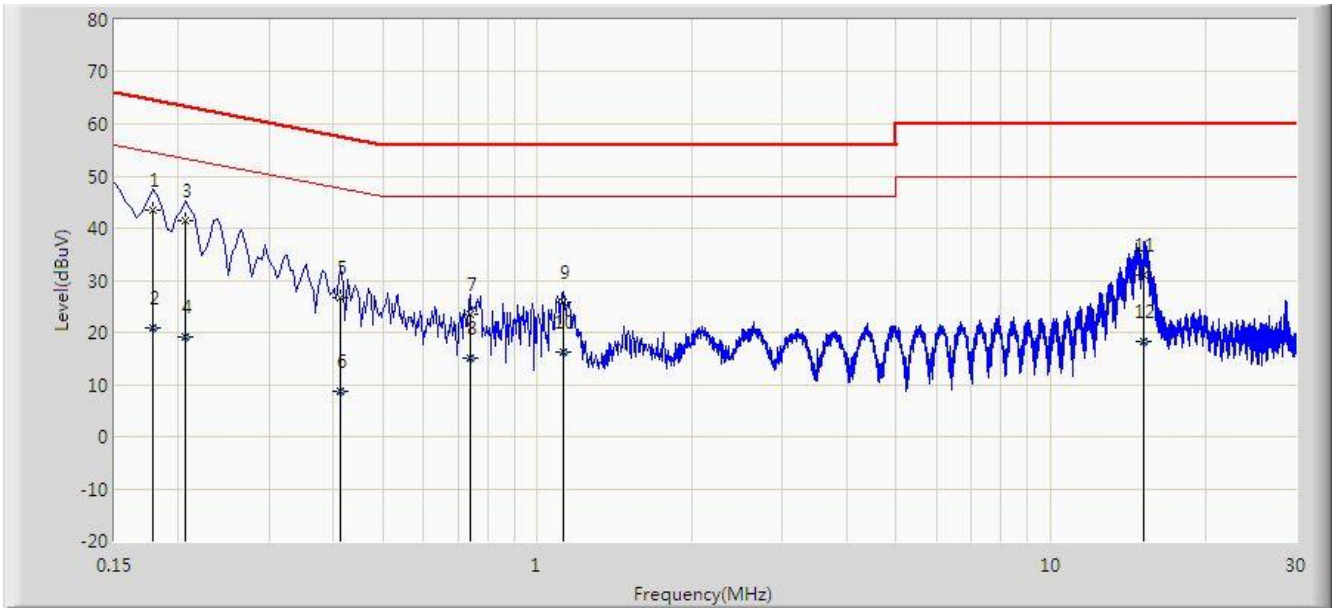
FCC Part 15.207 / RSS-Gen - Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to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

6.11.2.Test Setup



6.11.3.Test Result

Site: WZ-SR2	Time: 2020/06/04 - 15:18
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

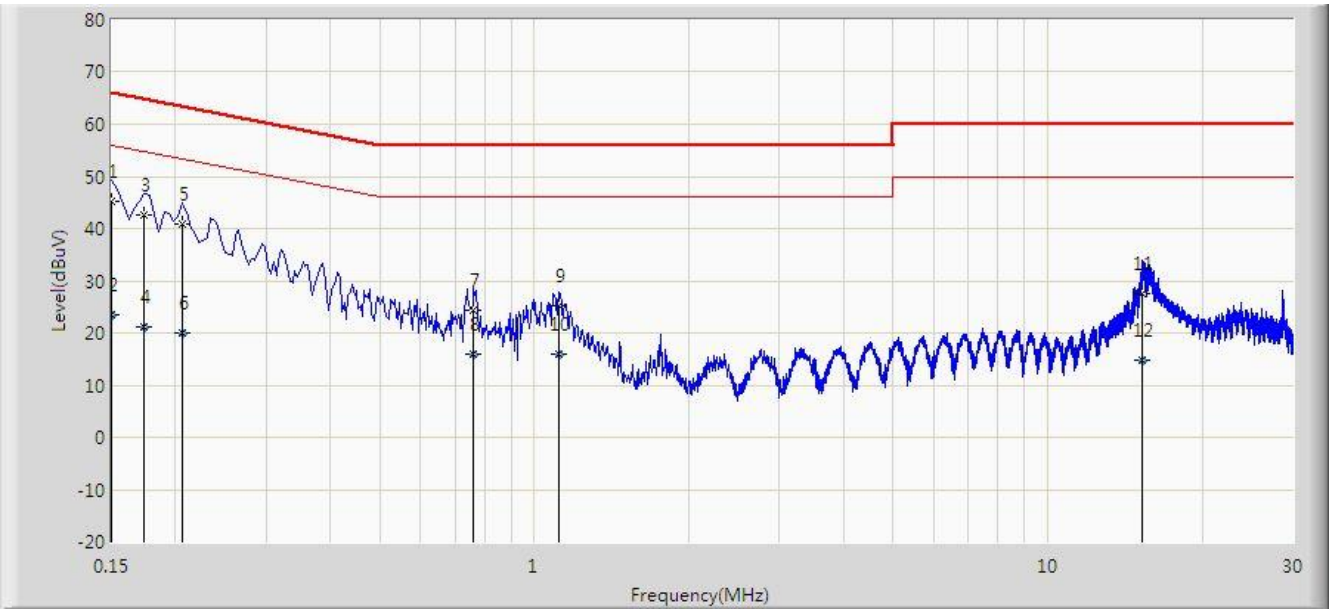


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		*	0.178	43.542	33.887	-21.036	64.578	9.655	QP
2			0.178	20.965	11.310	-33.613	54.578	9.655	AV
3			0.206	41.441	31.779	-21.924	63.365	9.662	QP
4			0.206	19.231	9.569	-34.134	53.365	9.662	AV
5			0.414	26.705	16.986	-30.863	57.568	9.719	QP
6			0.414	8.799	-0.920	-38.769	47.568	9.719	AV
7			0.738	23.470	13.691	-32.530	56.000	9.778	QP
8			0.738	14.970	5.192	-31.030	46.000	9.778	AV
9			1.122	25.728	15.878	-30.272	56.000	9.850	QP
10			1.122	16.198	6.348	-29.802	46.000	9.850	AV
11			15.206	30.876	20.563	-29.124	60.000	10.313	QP
12			15.206	18.231	7.918	-31.769	50.000	10.313	AV

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

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

Site: WZ-SR2	Time: 2020/06/04 - 15:21
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Portable Indoor/Outdoor Wireless Speaker System	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1		*	0.150	45.323	35.720	-20.677	66.000	9.603	QP
2			0.150	23.531	13.928	-32.469	56.000	9.603	AV
3			0.174	42.564	32.950	-22.204	64.767	9.613	QP
4			0.174	21.050	11.436	-33.718	54.767	9.613	AV
5			0.206	40.972	31.348	-22.393	63.365	9.624	QP
6			0.206	19.922	10.298	-33.443	53.365	9.624	AV
7			0.762	24.464	14.797	-31.536	56.000	9.667	QP
8			0.762	16.069	6.402	-29.931	46.000	9.667	AV
9			1.118	25.285	15.567	-30.715	56.000	9.718	QP
10			1.118	15.912	6.193	-30.088	46.000	9.718	AV
11			15.290	27.577	17.387	-32.423	60.000	10.190	QP
12			15.290	14.651	4.461	-35.349	50.000	10.190	AV

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

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

7. 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 and RSS-247 of the ISED Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2005RSU006-UT” file.

Appendix B - EUT Photograph

Refer to “2005RSU006-UE” file.