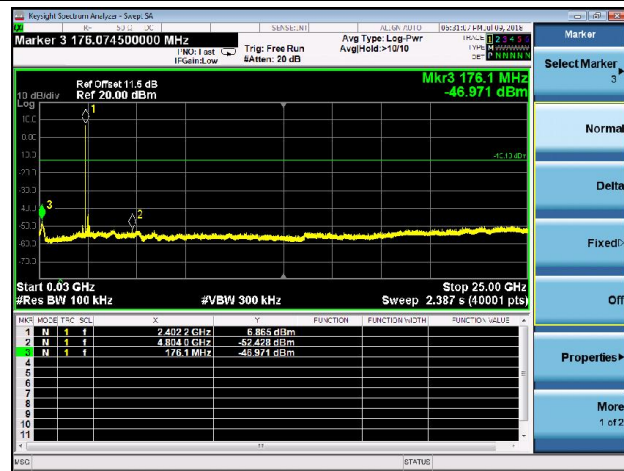
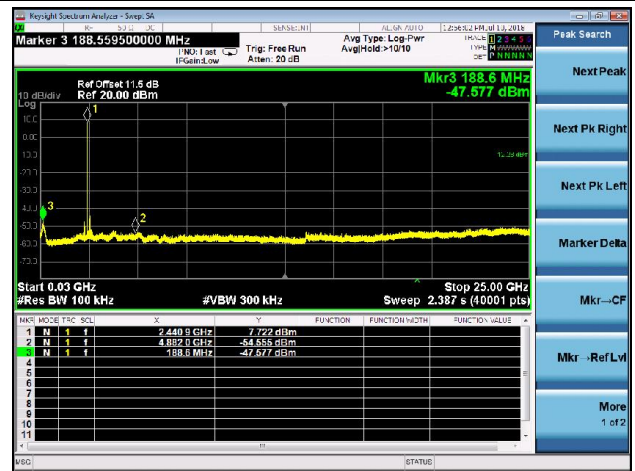


DH5 Conducted Spurious Emissions

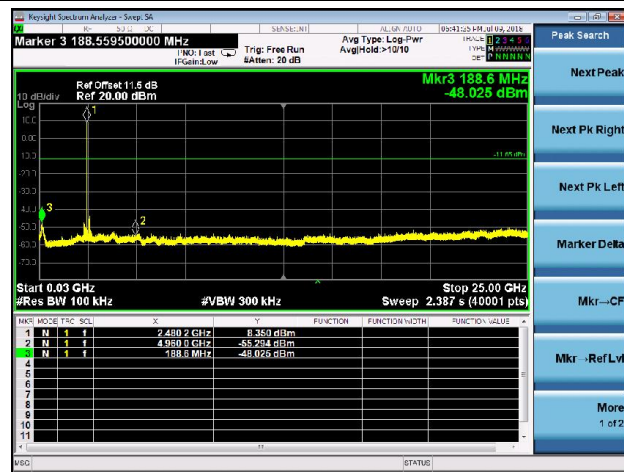
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)

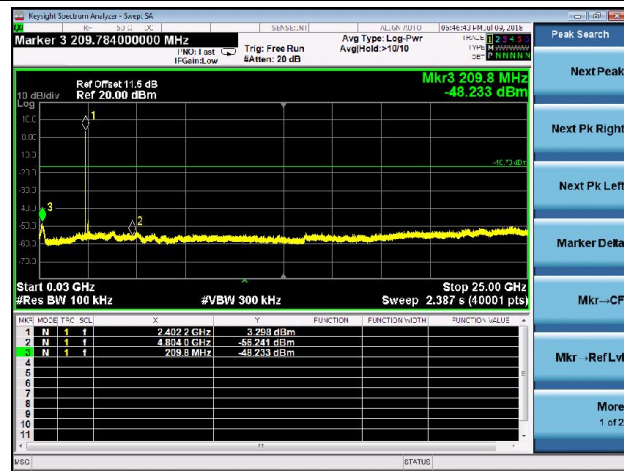


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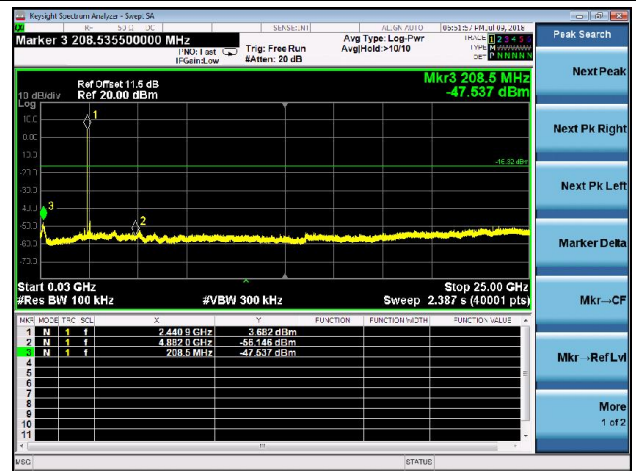
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2DH5 Conducted Spurious Emissions

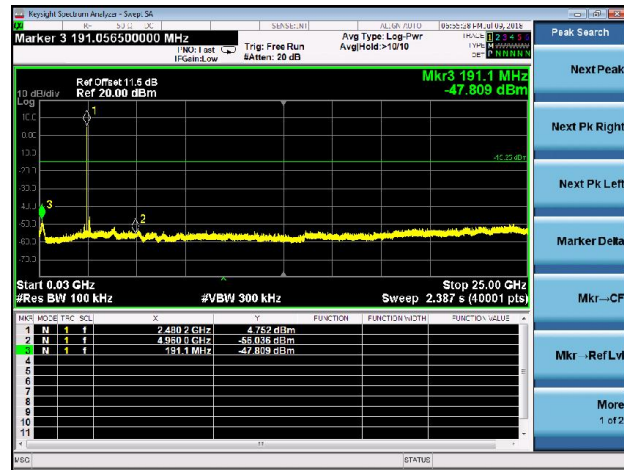
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)

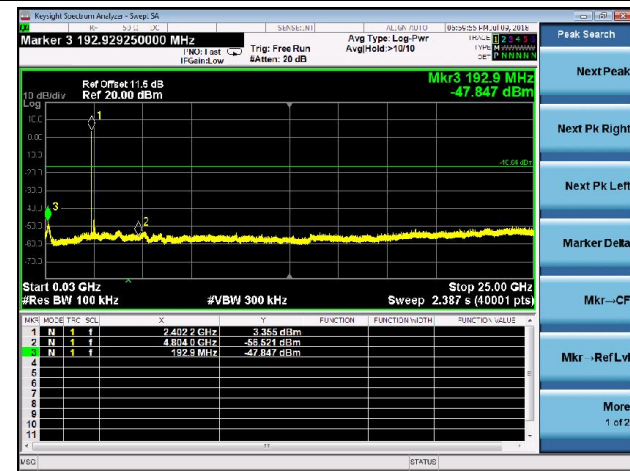


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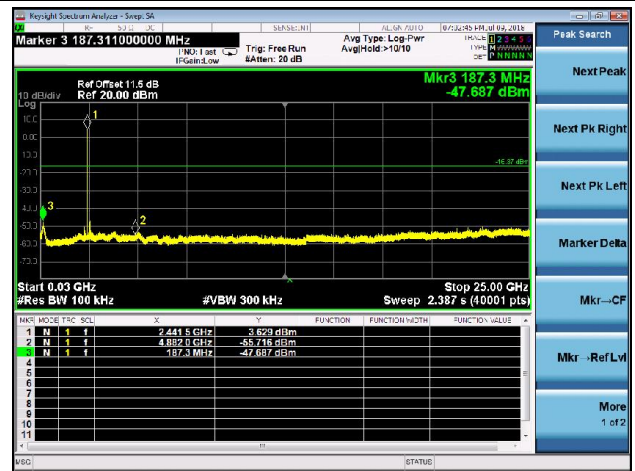
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3DH5 Conducted Spurious Emissions

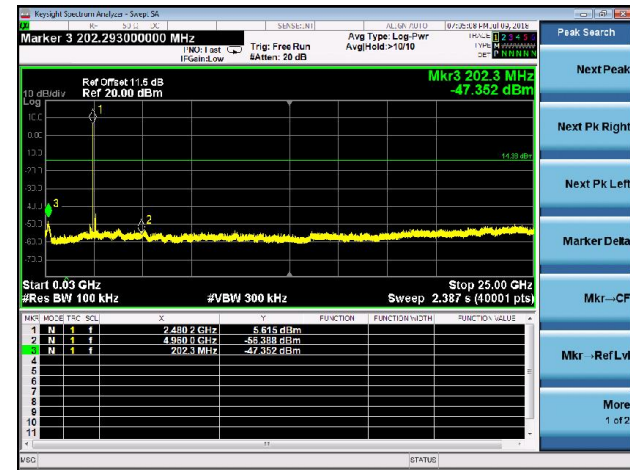
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



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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 Subpart C Paragraph 15.209		
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

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

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

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

Peak Measurements above 1GHz

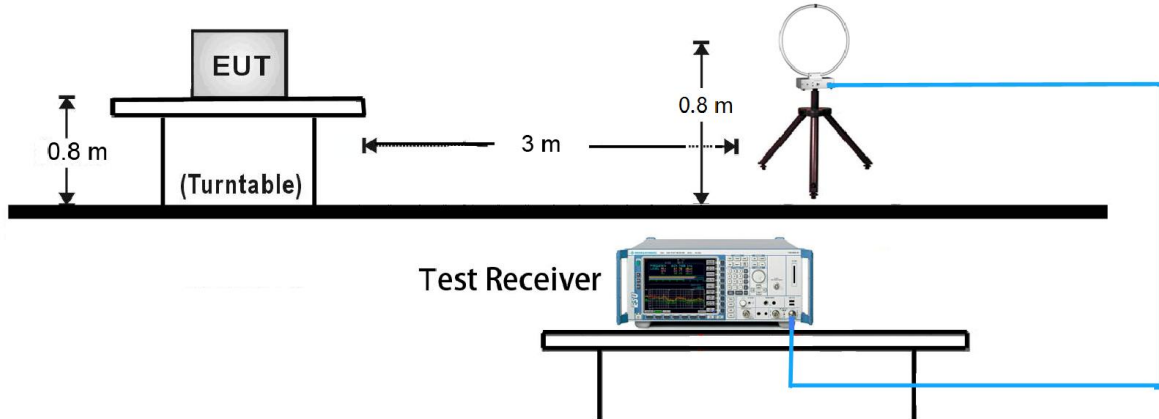
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

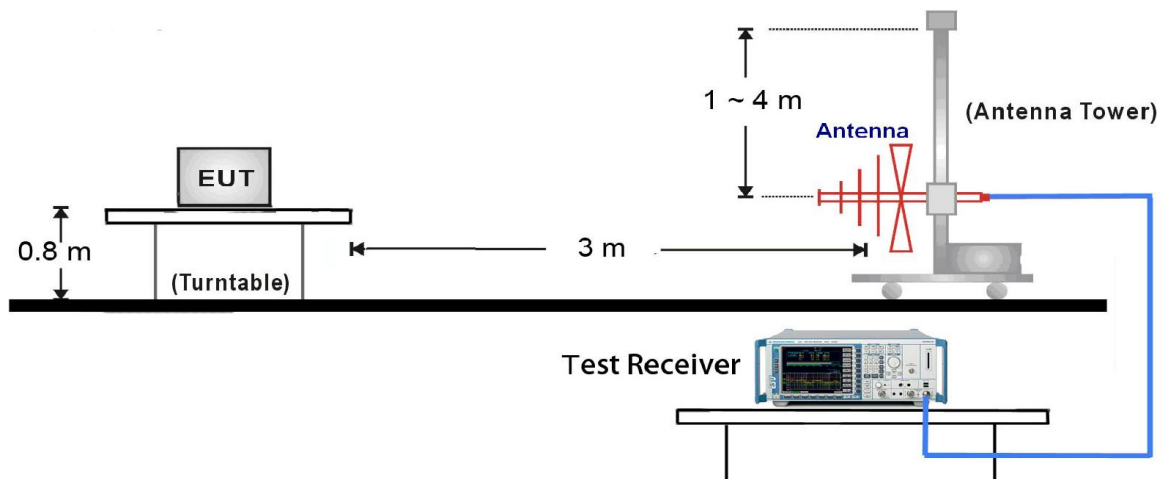
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.9.4. Test Setup

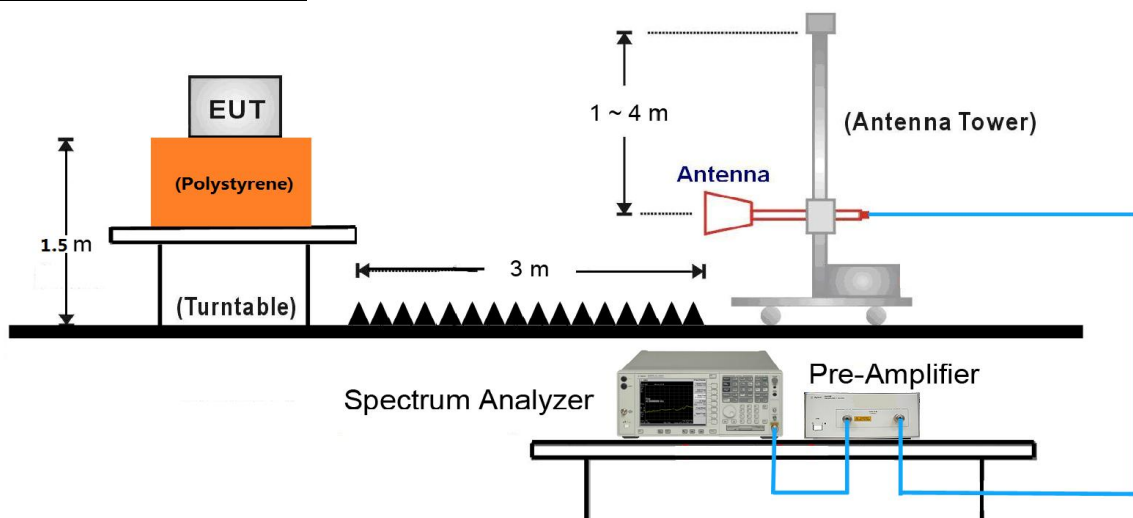
9kHz ~ 30MHz Test Setup:

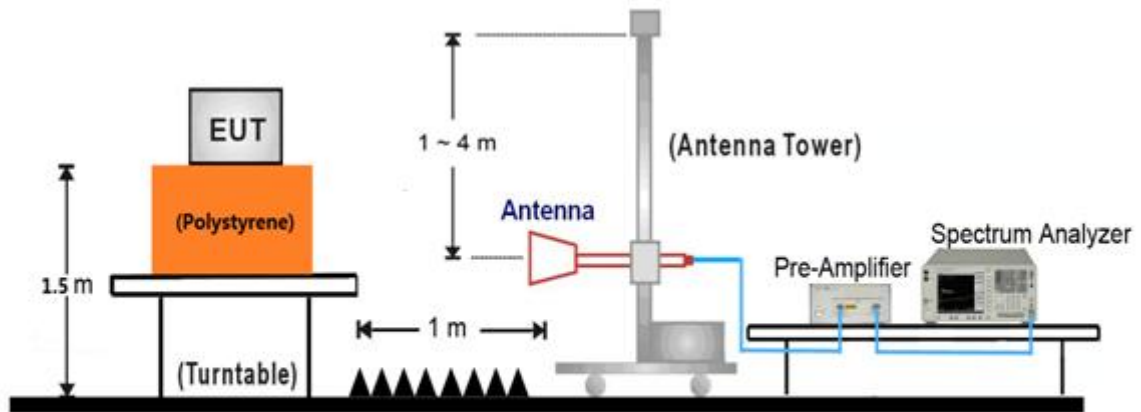


30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~25GHz Test Setup:

Note: This item was performed with the WIFI antenna connected.

7.9.5. Test Result

Product	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	4000.5	38.7	3.3	42.0	74.0	-32.0	Peak	Horizontal
	4808.0	44.6	5.9	50.5	74.0	-23.5	Peak	Horizontal
*	5811.0	36.4	7.6	44.0	74.1	-30.1	Peak	Horizontal
*	6831.0	37.3	10.5	47.8	74.1	-26.3	Peak	Horizontal
	4060.0	38.8	3.5	42.3	74.0	-31.7	Peak	Vertical
	4808.0	44.6	5.9	50.5	74.0	-23.5	Peak	Vertical
*	5989.5	37.0	7.9	44.9	74.1	-29.2	Peak	Vertical
*	7205.0	37.9	12.6	50.5	74.1	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (94.1dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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	45.5	6.0	51.5	74.0	-22.5	Peak	Horizontal
	7324.0	38.0	12.6	50.6	74.0	-23.4	Peak	Horizontal
*	7851.0	37.2	13.3	50.5	75.2	-24.7	Peak	Horizontal
*	8692.5	36.0	13.0	49.0	75.2	-26.2	Peak	Horizontal
	4884.5	45.5	6.0	51.5	74.0	-22.5	Peak	Vertical
	7324.0	38.6	12.6	51.2	74.0	-22.8	Peak	Vertical
*	7851.0	37.2	13.3	50.5	75.2	-24.7	Peak	Vertical
*	8692.5	36.0	13.0	49.0	75.2	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.2dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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	45.0	6.1	51.1	74.0	-22.9	Peak	Horizontal
	7443.0	37.4	12.9	50.3	74.0	-23.7	Peak	Horizontal
*	7978.5	35.5	13.6	49.1	75.4	-26.3	Peak	Horizontal
*	8752.0	35.6	13.2	48.8	75.4	-26.6	Peak	Horizontal
	4961.0	41.9	6.1	48.0	74.0	-26.0	Peak	Vertical
	7443.0	39.4	12.9	52.3	74.0	-21.7	Peak	Vertical
*	7440.0	34.9	12.9	47.8	54.0	-6.2	Average	Vertical
*	7851.0	35.0	13.3	48.3	75.4	-27.1	Peak	Vertical
	8726.5	36.2	13.0	49.2	75.4	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (95.4dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	3924.0	38.5	3.2	41.7	74.0	-32.3	Peak	Horizontal
	4808.0	39.4	5.9	45.3	74.0	-28.7	Peak	Horizontal
*	6108.5	36.9	8.1	45.0	74.0	-29.0	Peak	Horizontal
*	6848.0	36.8	10.6	47.4	74.0	-26.6	Peak	Horizontal
	4085.5	37.7	3.5	41.2	74.0	-32.8	Peak	Vertical
	4808.0	39.4	5.9	45.3	74.0	-28.7	Peak	Vertical
*	5726.0	37.1	7.3	44.4	74.0	-29.6	Peak	Vertical
*	6848.0	36.8	10.6	47.4	74.0	-26.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (90.8dBμV/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)

Product	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	4085.5	37.7	3.5	41.2	74.0	-32.8	Peak	Horizontal
	4884.5	41.5	6.0	47.5	74.0	-26.5	Peak	Horizontal
*	5913.0	36.9	7.8	44.7	74.0	-29.3	Peak	Horizontal
*	7145.5	36.9	12.4	49.3	74.0	-24.7	Peak	Horizontal
	3941.0	38.4	3.2	41.6	74.0	-32.4	Peak	Vertical
	4884.5	41.5	6.0	47.5	74.0	-26.5	Peak	Vertical
*	5913.0	36.9	7.8	44.7	74.0	-29.3	Peak	Vertical
*	6941.5	36.4	11.1	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.1dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	4051.5	38.1	3.5	41.6	74.0	-32.4	Peak	Horizontal
	4961.0	40.5	6.1	46.6	74.0	-27.4	Peak	Horizontal
*	6100.0	36.3	8.1	44.4	74.0	-29.6	Peak	Horizontal
*	7103.0	36.8	12.1	48.9	74.0	-25.1	Peak	Horizontal
	3949.5	37.8	3.1	40.9	74.0	-33.1	Peak	Vertical
	4961.0	38.9	6.1	45.0	74.0	-29.0	Peak	Vertical
*	6219.0	36.2	8.5	44.7	74.0	-29.3	Peak	Vertical
*	7162.5	35.8	12.5	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.5dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	4051.5	37.4	3.5	40.9	74.0	-33.1	Peak	Horizontal
	4808.0	38.3	5.9	44.2	74.0	-29.8	Peak	Horizontal
*	5981.0	36.6	7.9	44.5	74.0	-29.5	Peak	Horizontal
*	7009.5	36.8	11.3	48.1	74.0	-25.9	Peak	Horizontal
	3915.5	37.7	3.2	40.9	74.0	-33.1	Peak	Vertical
	4808.0	37.6	5.9	43.5	74.0	-30.5	Peak	Vertical
*	5981.0	36.2	7.9	44.1	74.0	-29.9	Peak	Vertical
*	6933.0	36.2	11.1	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (90.9dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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
	4221.5	38.0	4.1	42.1	74.0	-31.9	Peak	Horizontal
	4884.5	40.8	6.0	46.8	74.0	-27.2	Peak	Horizontal
*	5870.5	36.2	7.8	44.0	74.0	-30.0	Peak	Horizontal
*	6924.5	36.0	11.0	47.0	74.0	-27.0	Peak	Horizontal
	4221.5	38.0	4.1	42.1	74.0	-31.9	Peak	Vertical
	4884.5	40.8	6.0	46.8	74.0	-27.2	Peak	Vertical
*	5828.0	36.3	7.7	44.0	74.0	-30.0	Peak	Vertical
*	6678.0	36.0	10.1	46.1	74.0	-27.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.2dBμV/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	Wireless Speaker ENEBY Portable	Temperature	25°C
Test Engineer	Cat Hu	Relative Humidity	56%
Test Site	AC1	Test Date	2018/07/07
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	40.4	6.1	46.5	74.0	-27.5	Peak	Horizontal
	7468.5	36.4	12.9	49.3	74.0	-24.7	Peak	Horizontal
*	7885.0	34.8	13.4	48.2	74.0	-25.8	Peak	Horizontal
*	8692.5	33.2	13.0	46.2	74.0	-27.8	Peak	Horizontal
	4179.0	38.0	3.9	41.9	74.0	-32.1	Peak	Vertical
	4961.0	40.4	6.1	46.5	74.0	-27.5	Peak	Vertical
*	6210.5	36.2	8.5	44.7	74.0	-29.3	Peak	Vertical
*	7128.5	35.9	12.3	48.2	74.0	-25.8	Peak	Vertical

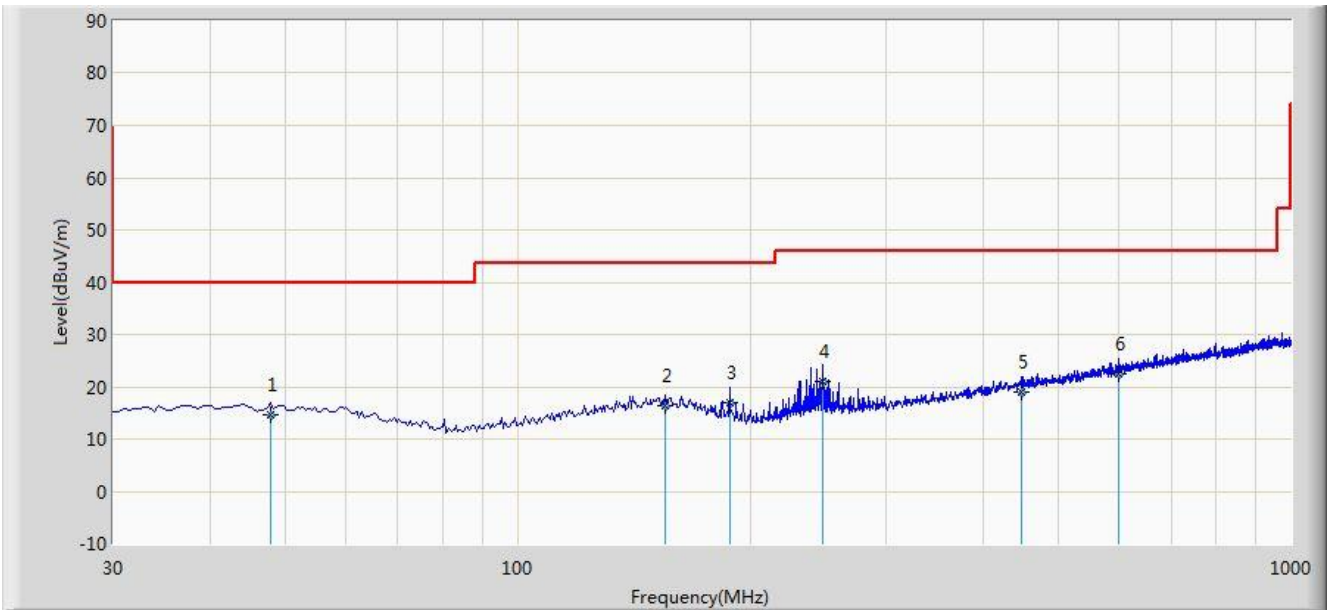
Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (93.7dBμV/m) or 15.209 which is higher.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/07/13 - 23:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Worst Case Mode: Transmit by DH5 at channel 2402MHz	



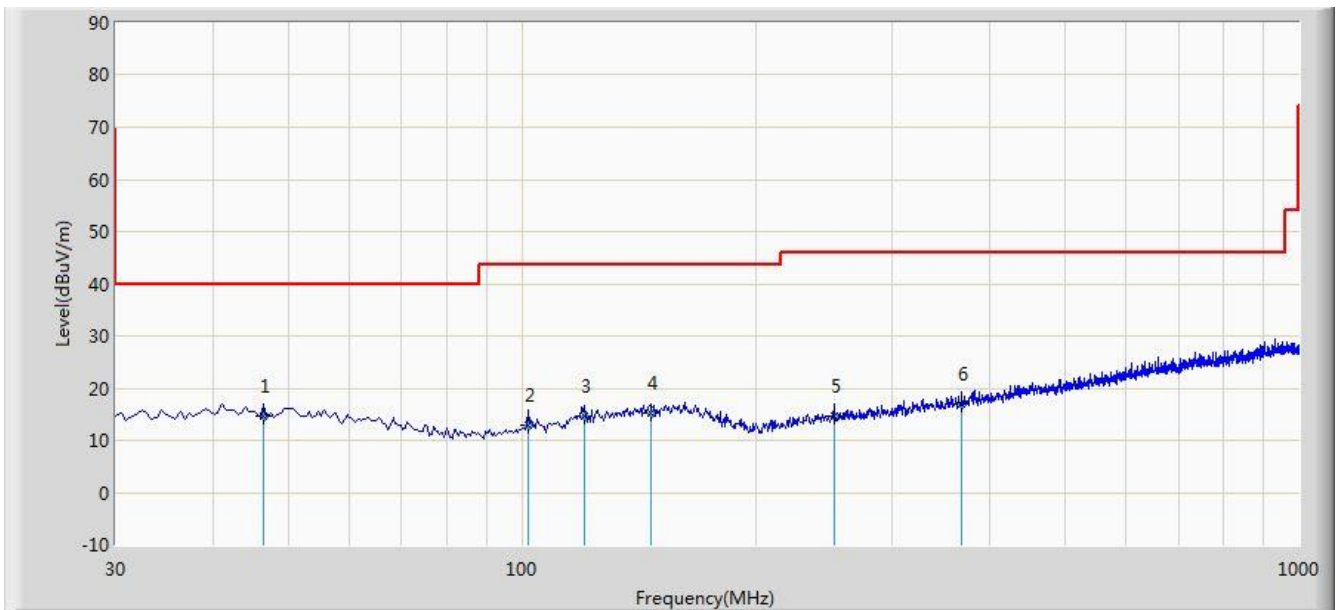
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			47.945	14.652	0.426	-25.348	40.000	14.226	QP
2			155.130	16.322	1.026	-27.178	43.500	15.296	QP
3			188.110	16.891	4.934	-26.609	43.500	11.957	QP
4			247.765	21.122	8.135	-24.878	46.000	12.987	QP
5			448.070	19.078	1.207	-26.922	46.000	17.871	QP
6		*	598.420	22.382	1.834	-23.618	46.000	20.547	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC1	Time: 2018/07/13 - 23:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Worst Case Mode: Transmit by DH5 at channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	46.490	14.555	0.304	-25.445	40.000	14.251	QP
2			101.780	12.876	1.627	-30.624	43.500	11.249	QP
3			120.210	14.558	1.326	-28.942	43.500	13.233	QP
4			146.400	15.162	0.128	-28.338	43.500	15.034	QP
5			252.130	14.506	1.435	-31.494	46.000	13.071	QP
6			368.045	16.983	1.037	-29.017	46.000	15.945	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.10. Radiated Restricted Band Edge Measurement

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 - 156.525	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 Subpart C Paragraph 15.209		
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 -150.5	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	334.5 - 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			
Frequency [MHz]	Magnetic field strength (H-Field) [$\mu\text{A/m}$]	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 - 0.490	$6.37/F$ (F in kHz)	N/A	300
0.490 - 1.705	$63.7/F$ (F in kHz)	N/A	30
1.705 - 30	0.08	N/A	30
30 - 88	N/A	100	3
88 - 216	N/A	150	3
216 - 960	N/A	200	3
Above 960	N/A	500	3

7.10.1. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.10.2. Test Setting

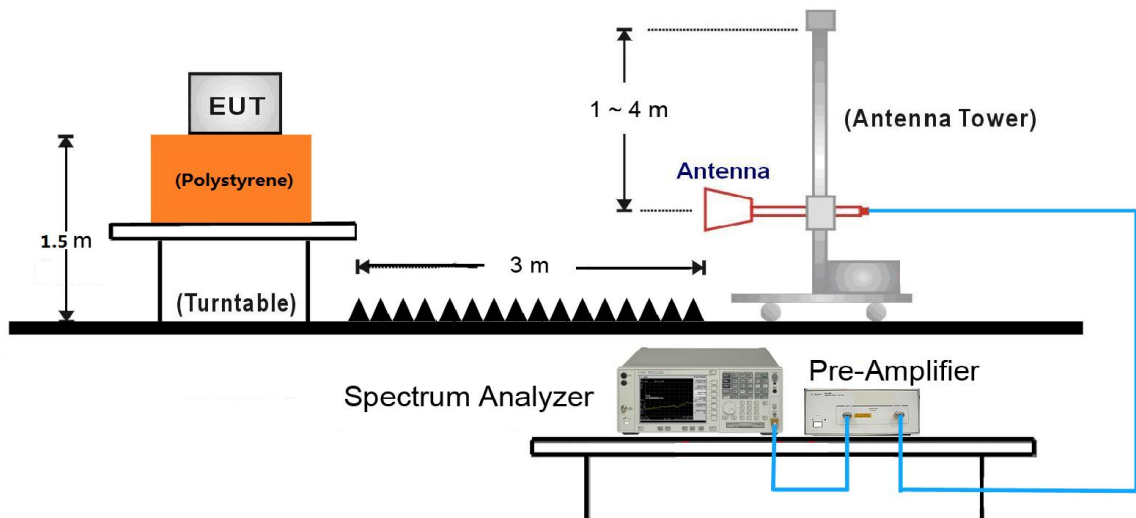
Peak Field Strength Measurements

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 $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

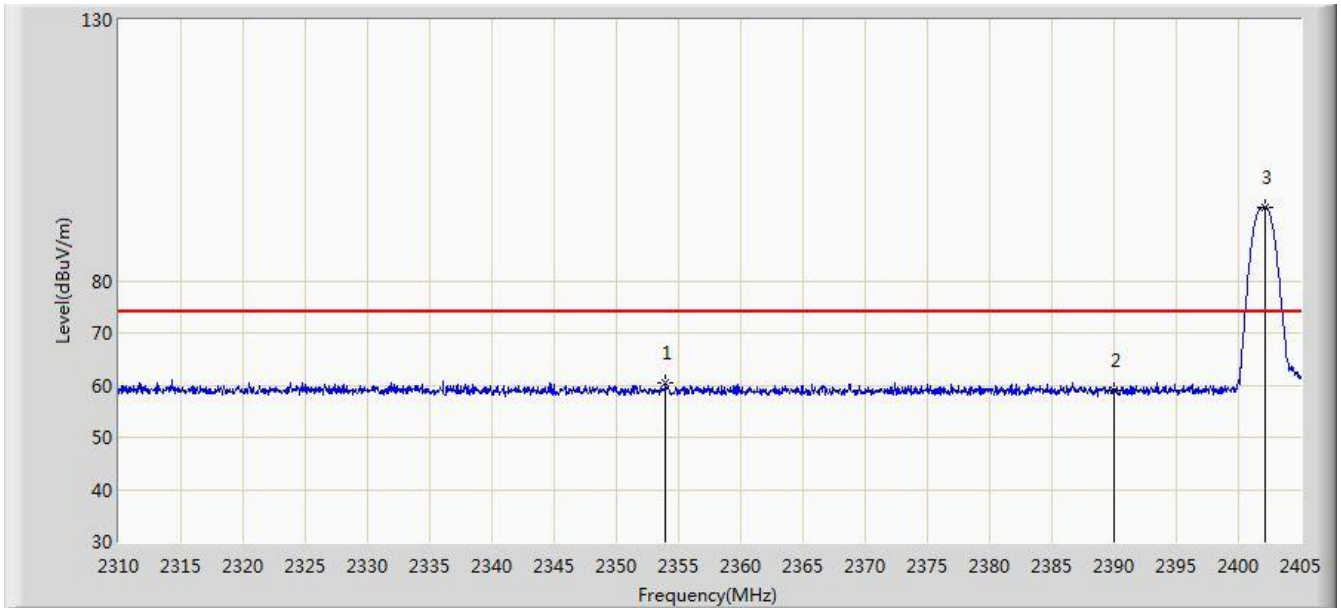
7.10.3. Test Setup



Note: This item was performed with the WIFI antenna connected.

7.10.4. Test Result

Site: AC1	Time: 2018/07/07 - 02:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

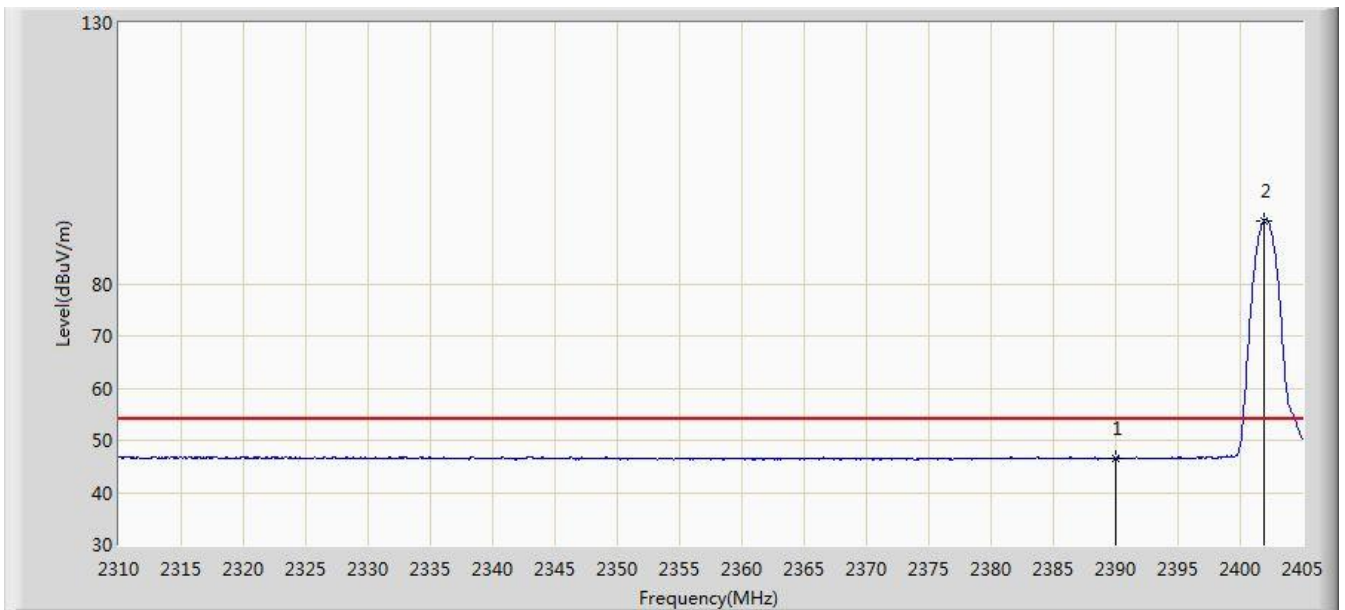


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.985	60.331	27.942	-13.669	74.000	32.389	PK
2			2390.000	59.066	26.739	-14.934	74.000	32.327	PK
3		*	2402.150	94.143	61.839	N/A	N/A	32.304	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

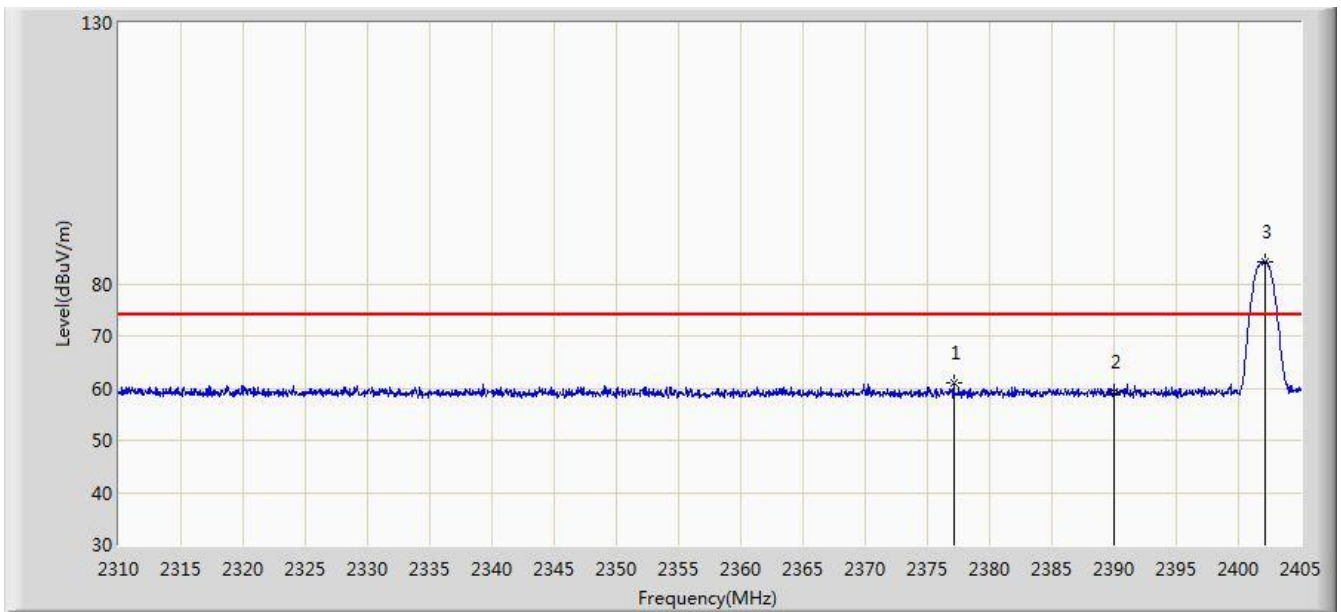


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.449	14.122	-7.551	54.000	32.327	AV
2		*	2401.865	92.001	59.696	N/A	N/A	32.305	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

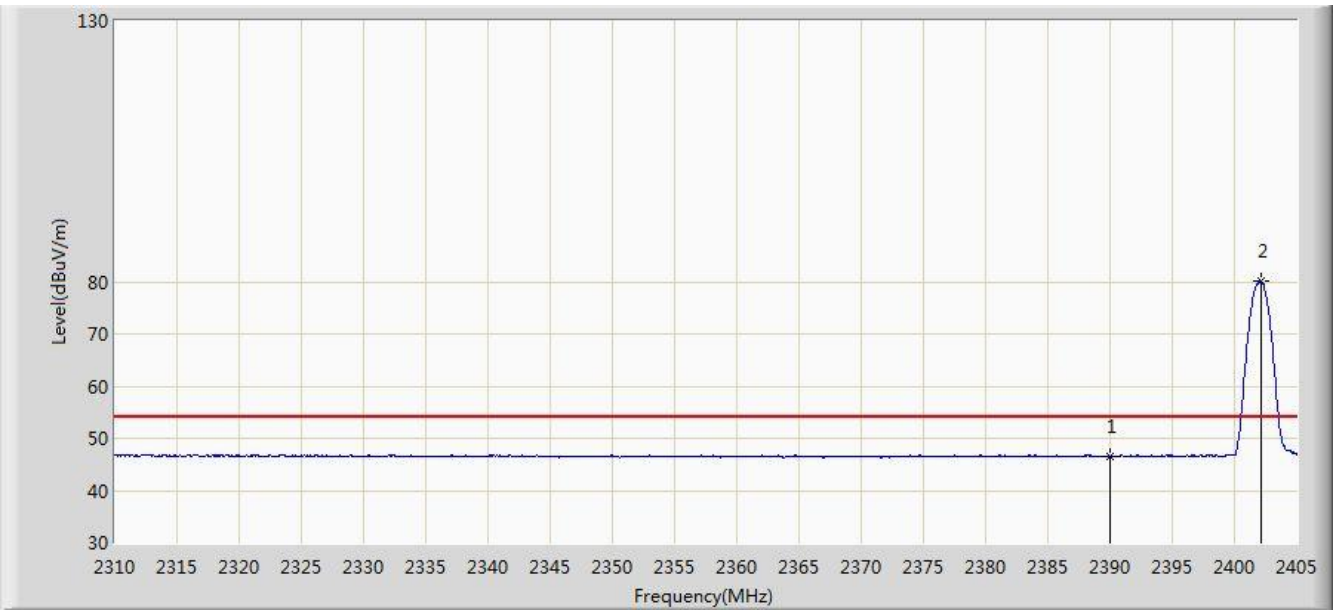


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2377.117	60.923	28.579	-13.077	74.000	32.344	PK
2			2390.000	59.367	27.040	-14.633	74.000	32.327	PK
3		*	2402.150	84.216	51.912	N/A	N/A	32.304	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2402MHz	

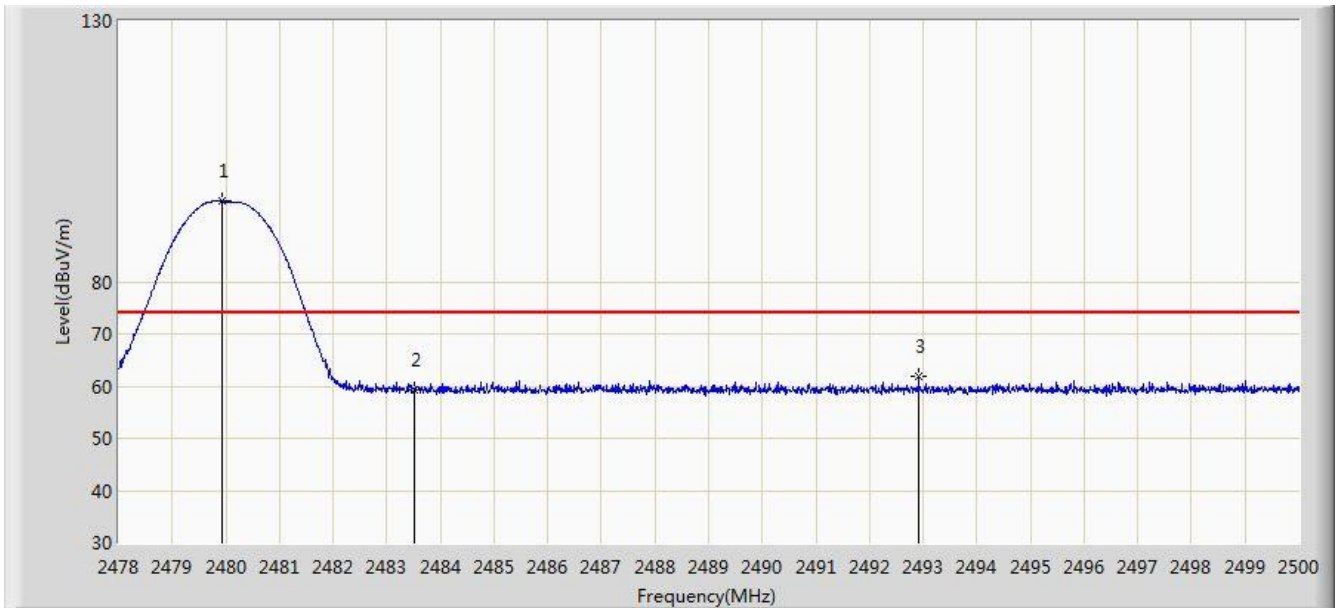


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.632	14.305	-7.368	54.000	32.327	AV
2		*	2402.150	80.057	47.753	N/A	N/A	32.304	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	95.436	63.111	N/A	N/A	32.325	PK
2			2483.500	59.418	27.079	-14.582	74.000	32.340	PK
3			2492.916	61.984	29.608	-12.016	74.000	32.376	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

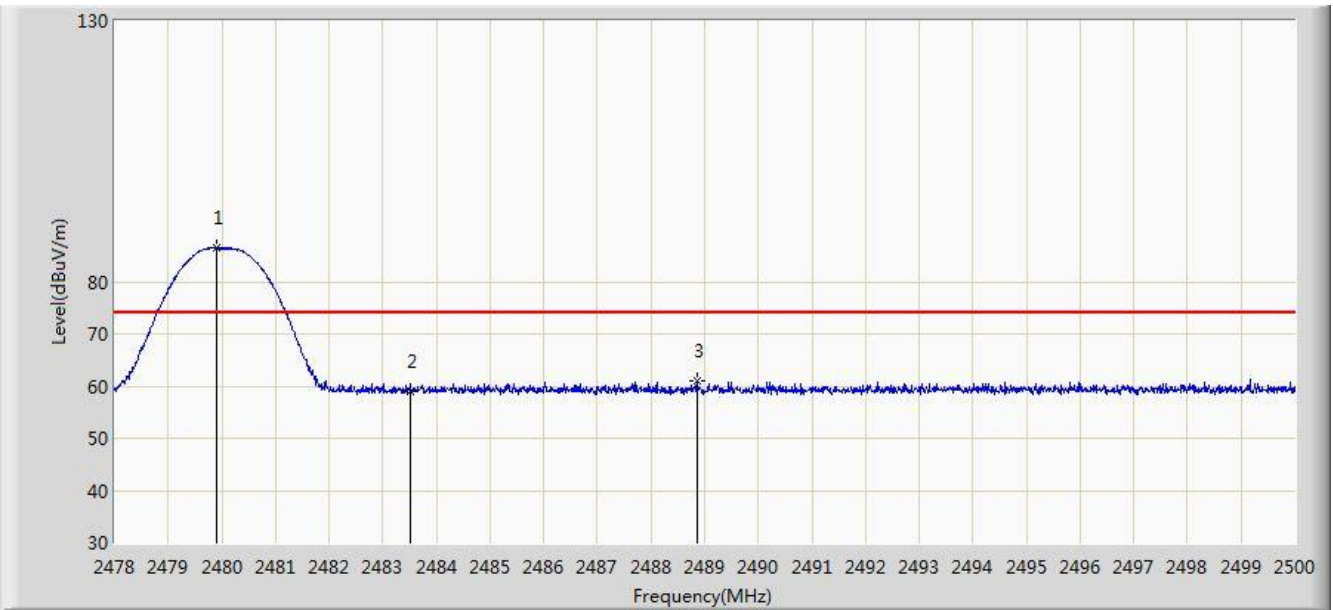


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	94.486	62.160	N/A	N/A	32.325	AV
2			2483.500	46.980	14.641	-7.020	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	86.491	54.166	N/A	N/A	32.325	PK
2			2483.500	58.900	26.561	-15.100	74.000	32.340	PK
3			2488.868	61.071	28.711	-12.929	74.000	32.360	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by DH5 at channel 2480MHz	

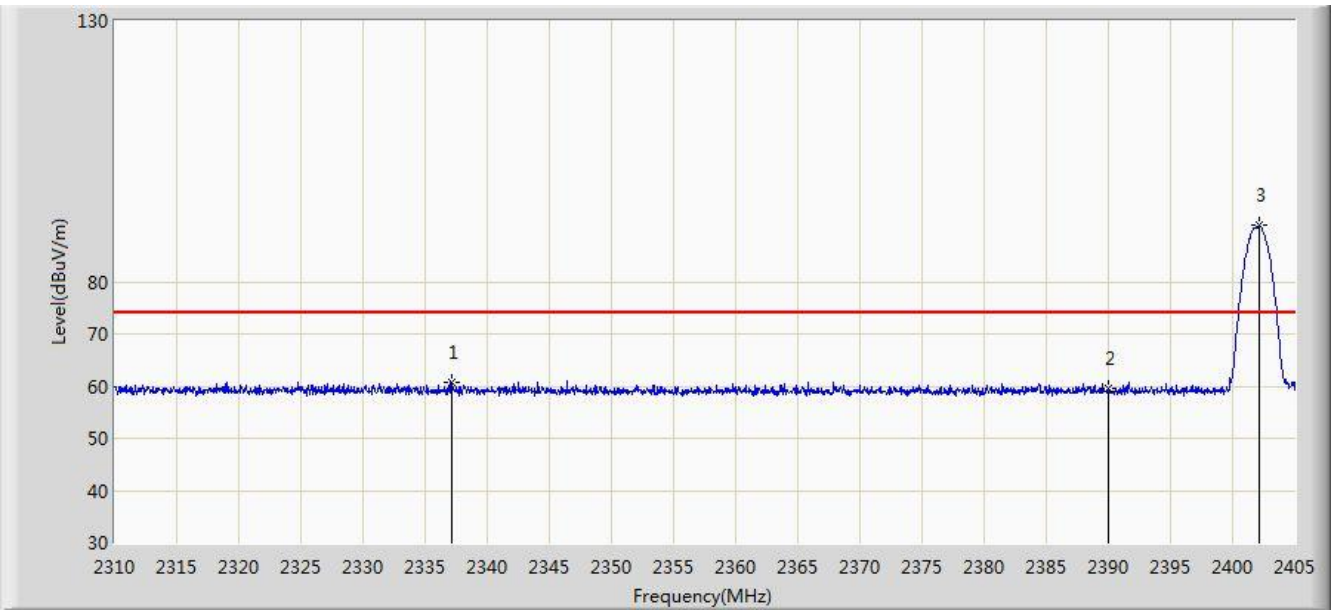


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	85.759	53.433	N/A	N/A	32.325	AV
2			2483.500	46.650	14.311	-7.350	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

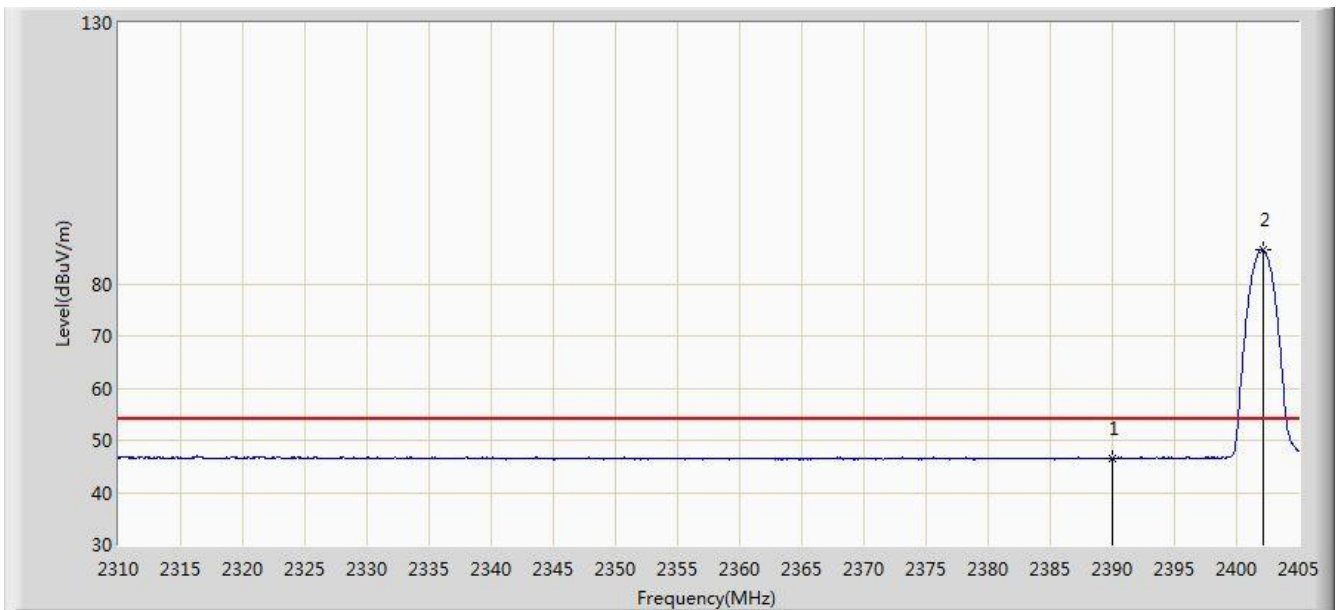


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2337.170	60.822	28.379	-13.178	74.000	32.443	PK
2			2390.000	59.527	27.200	-14.473	74.000	32.327	PK
3		*	2402.103	90.763	58.459	N/A	N/A	32.304	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

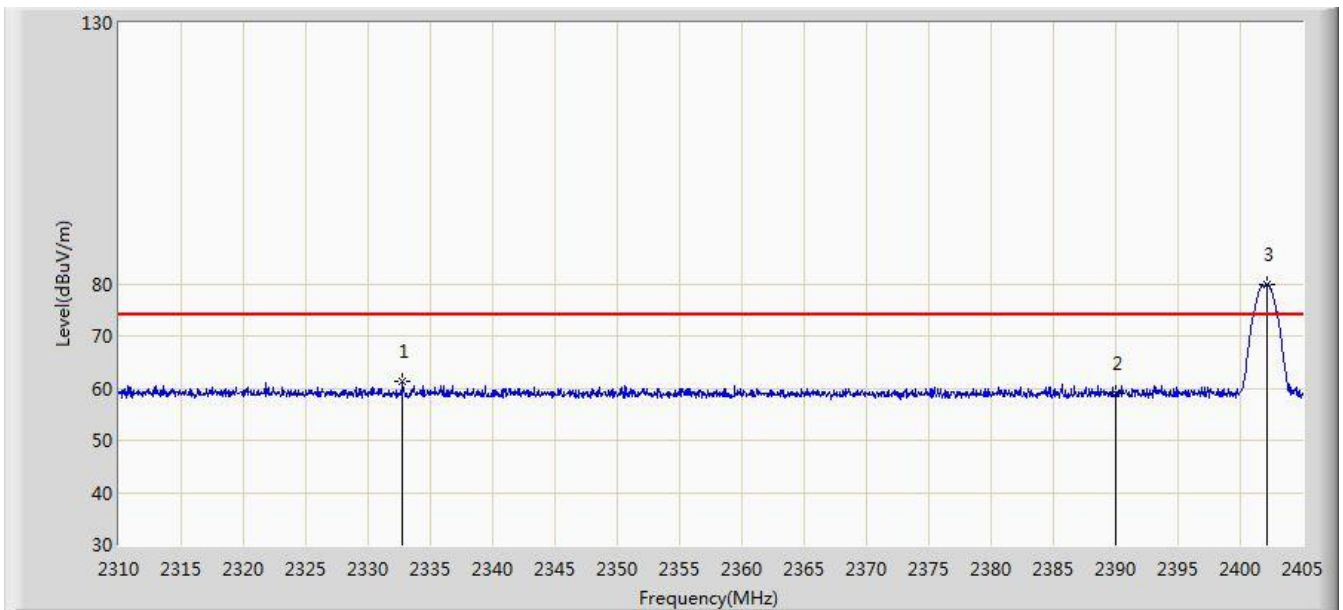


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.544	14.217	-7.456	54.000	32.327	AV
2		*	2402.150	86.526	54.222	N/A	N/A	32.304	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

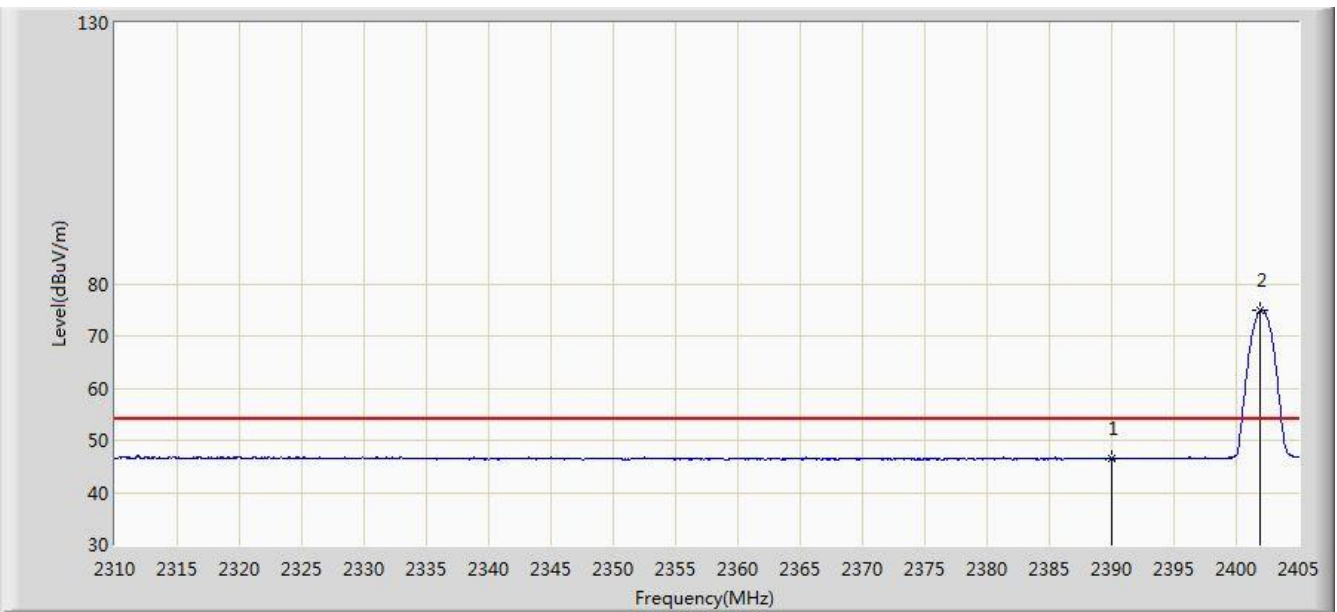


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2332.752	61.355	28.892	-12.645	74.000	32.463	PK
2			2390.000	59.050	26.723	-14.950	74.000	32.327	PK
3		*	2402.150	79.861	47.557	N/A	N/A	32.304	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2402MHz	

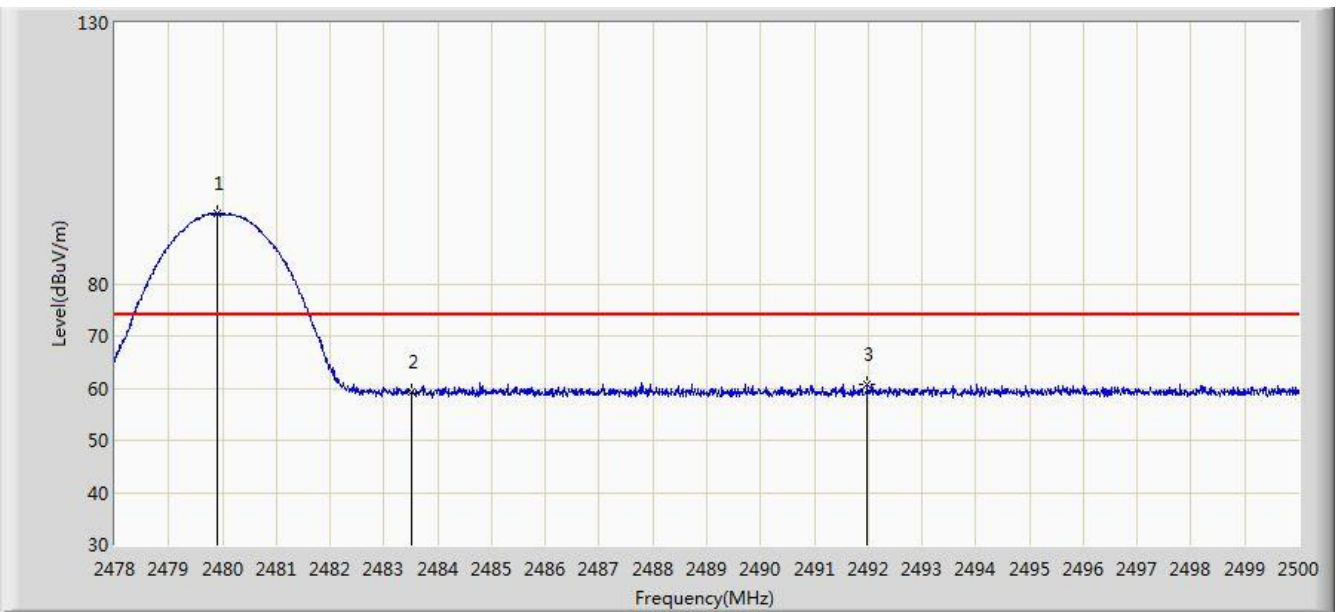


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.396	14.069	-7.604	54.000	32.327	AV
2		*	2401.913	74.897	42.592	N/A	N/A	32.305	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.892	93.523	61.198	N/A	N/A	32.325	PK
2			2483.500	59.258	26.919	-14.742	74.000	32.340	PK
3			2491.981	60.673	28.301	-13.327	74.000	32.372	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

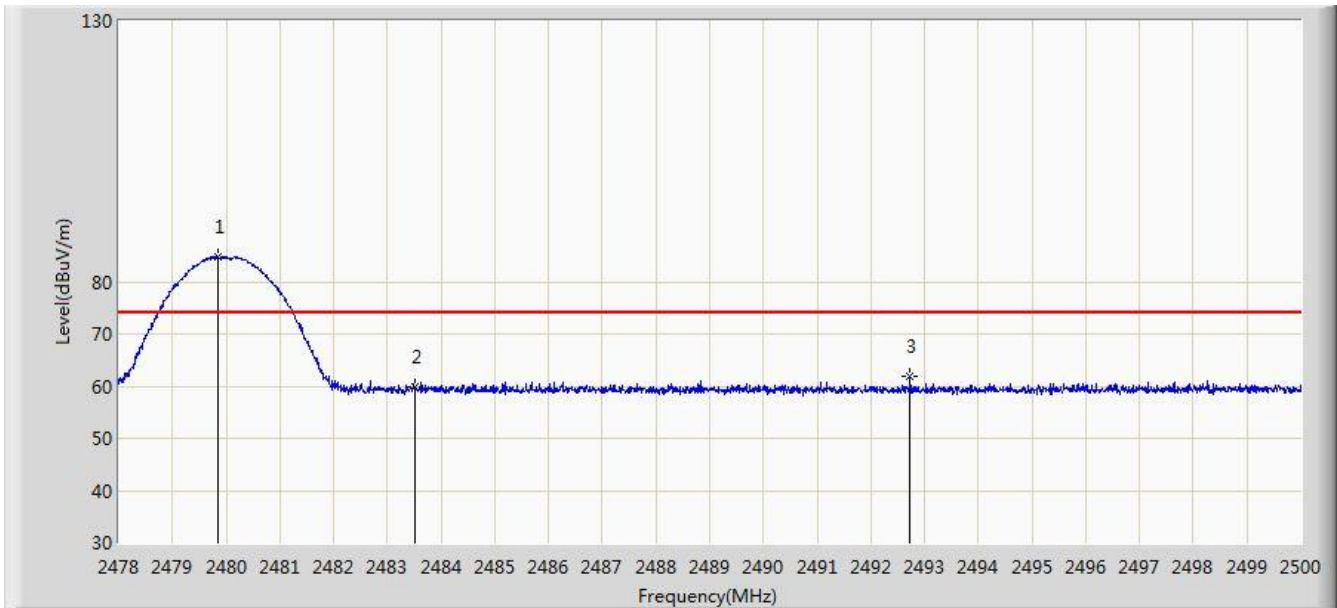


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	87.843	55.517	N/A	N/A	32.325	AV
2			2483.500	46.743	14.404	-7.257	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

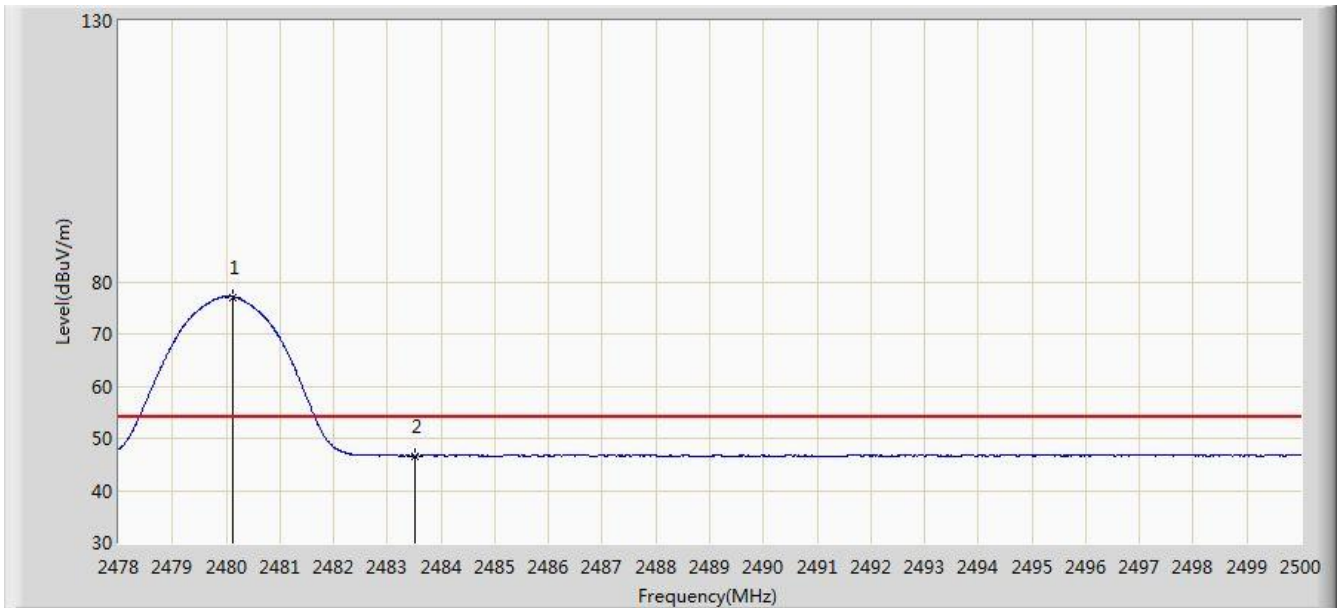


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	84.880	52.555	N/A	N/A	32.325	PK
2			2483.500	59.988	27.649	-14.012	74.000	32.340	PK
3			2492.729	61.862	29.487	-12.138	74.000	32.375	PK

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

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

Site: AC1	Time: 2018/07/07 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 2DH5 at channel 2480MHz	

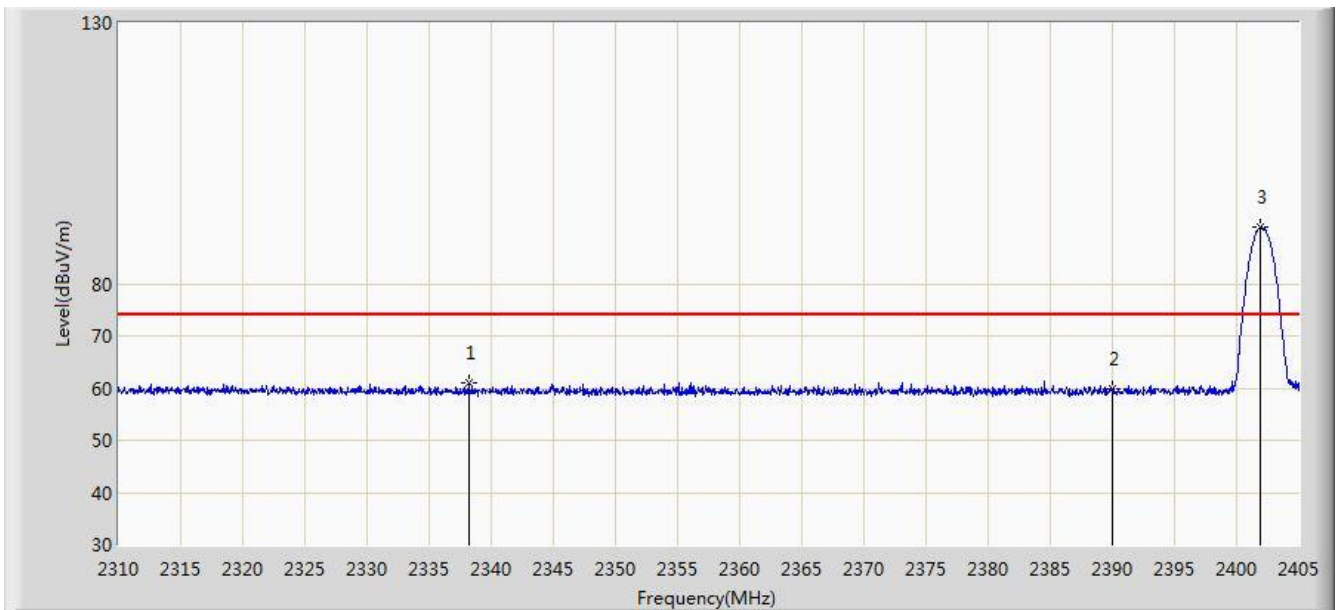


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	77.091	44.765	N/A	N/A	32.325	AV
2			2483.500	46.653	14.314	-7.347	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/07/07 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

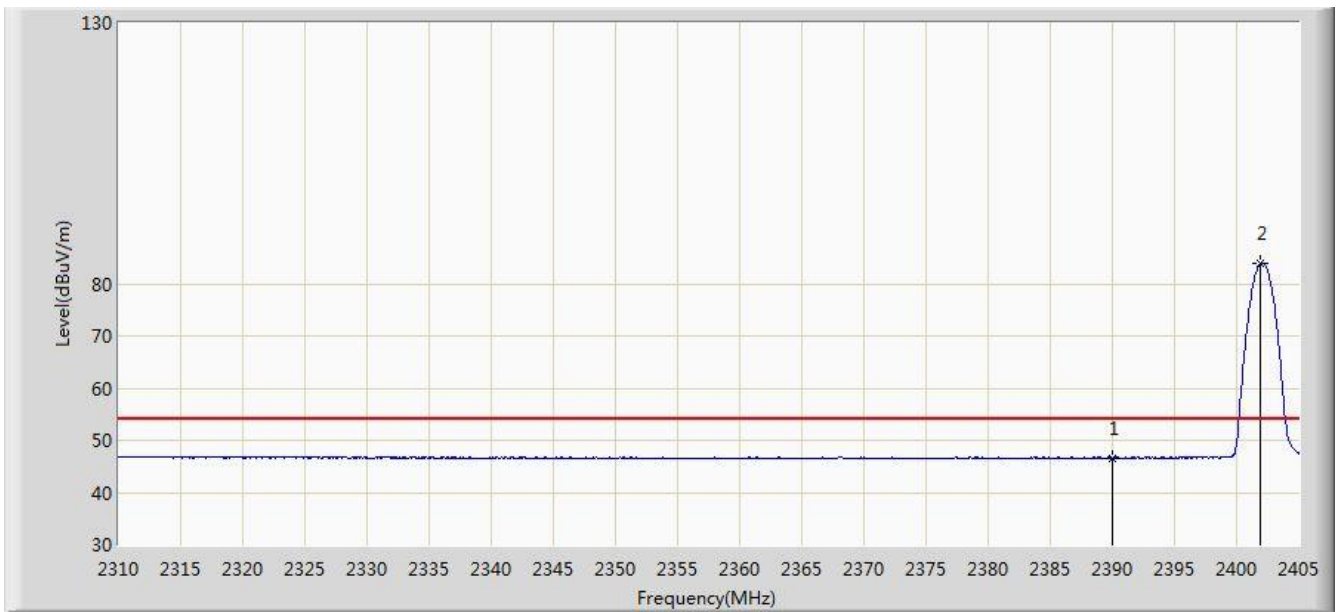


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2338.167	61.037	28.599	-12.963	74.000	32.438	PK
2			2390.000	59.767	27.440	-14.233	74.000	32.327	PK
3		*	2401.865	90.877	58.572	N/A	N/A	32.305	PK

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

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

Site: AC1	Time: 2018/07/07 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

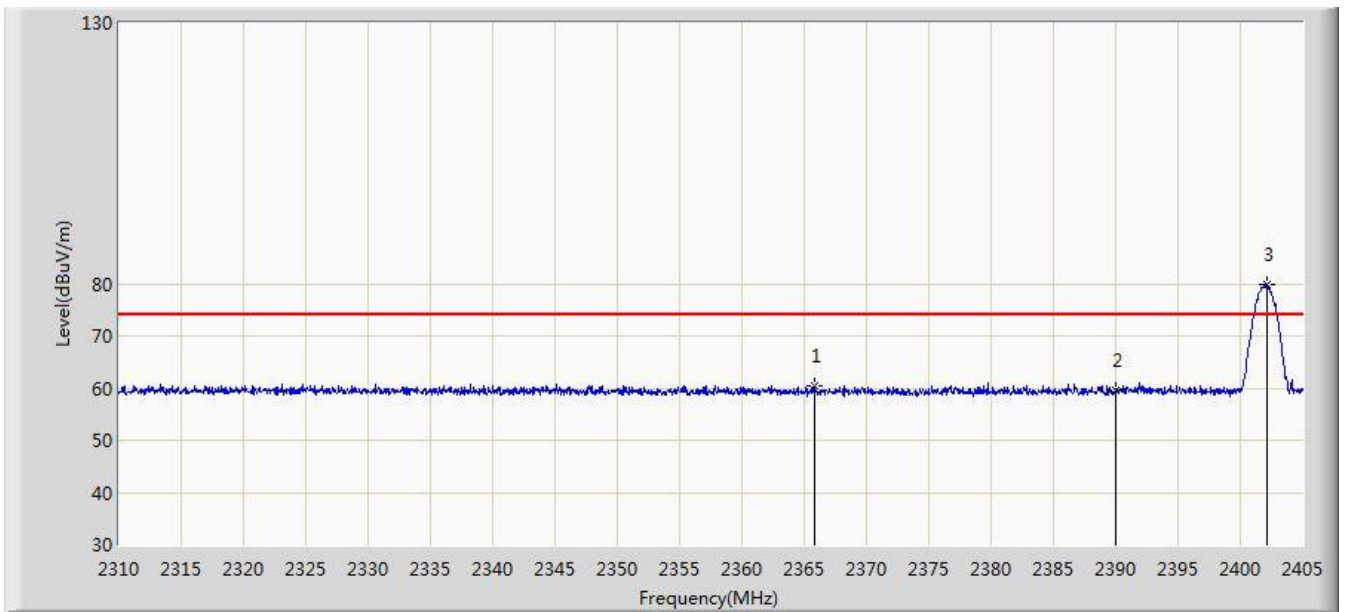


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.573	14.246	-7.427	54.000	32.327	AV
2		*	2401.960	83.897	51.592	N/A	N/A	32.305	AV

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

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

Site: AC1	Time: 2018/07/07 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

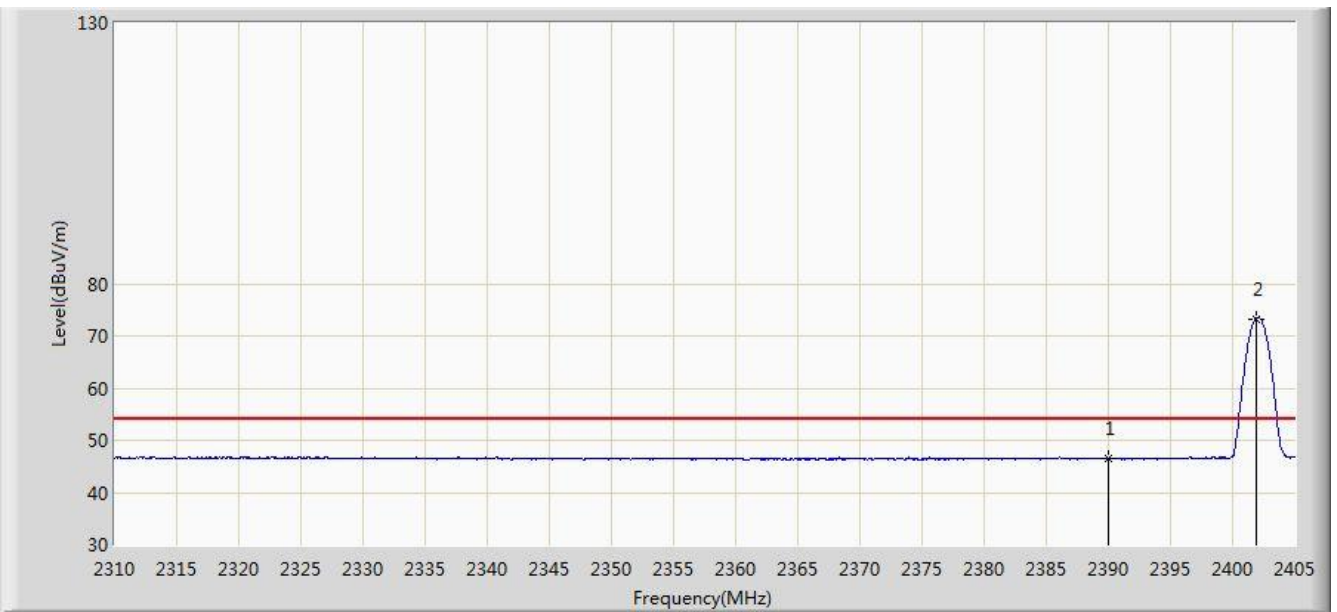


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2365.812	60.407	28.041	-13.593	74.000	32.366	PK
2			2390.000	59.578	27.251	-14.422	74.000	32.327	PK
3		*	2402.103	79.850	47.546	N/A	N/A	32.304	PK

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

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

Site: AC1	Time: 2018/07/07 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2402MHz	

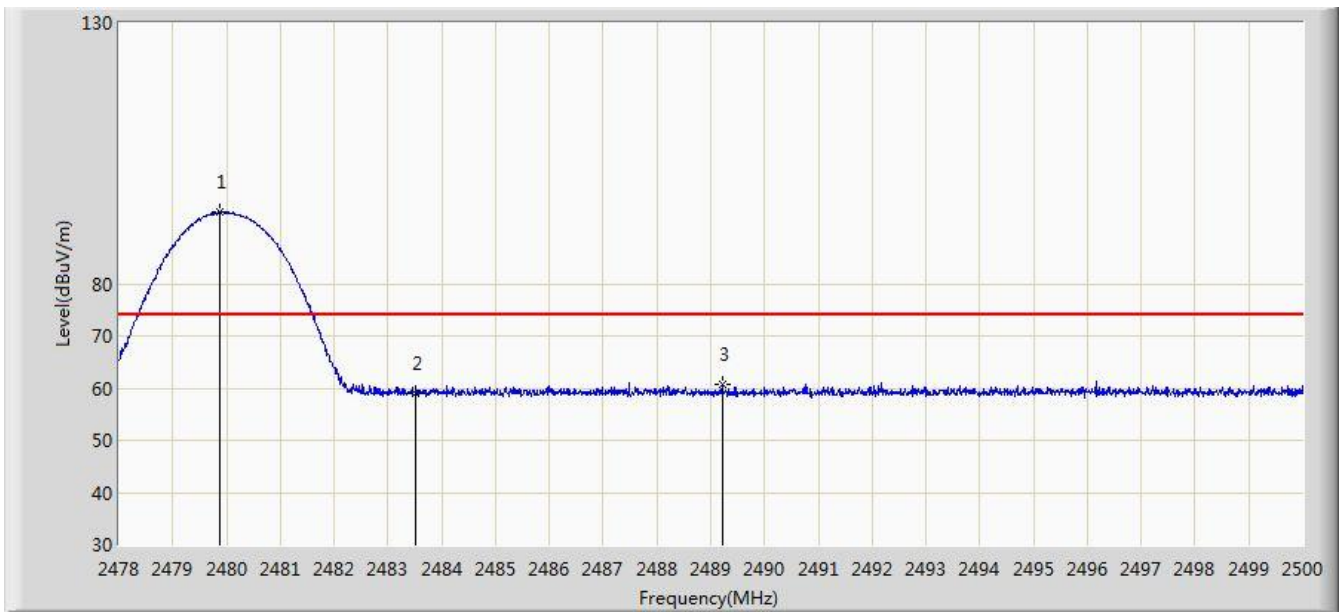


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.414	14.087	-7.586	54.000	32.327	AV
2		*	2401.865	73.326	41.021	N/A	N/A	32.305	AV

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

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

Site: AC1	Time: 2018/07/07 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

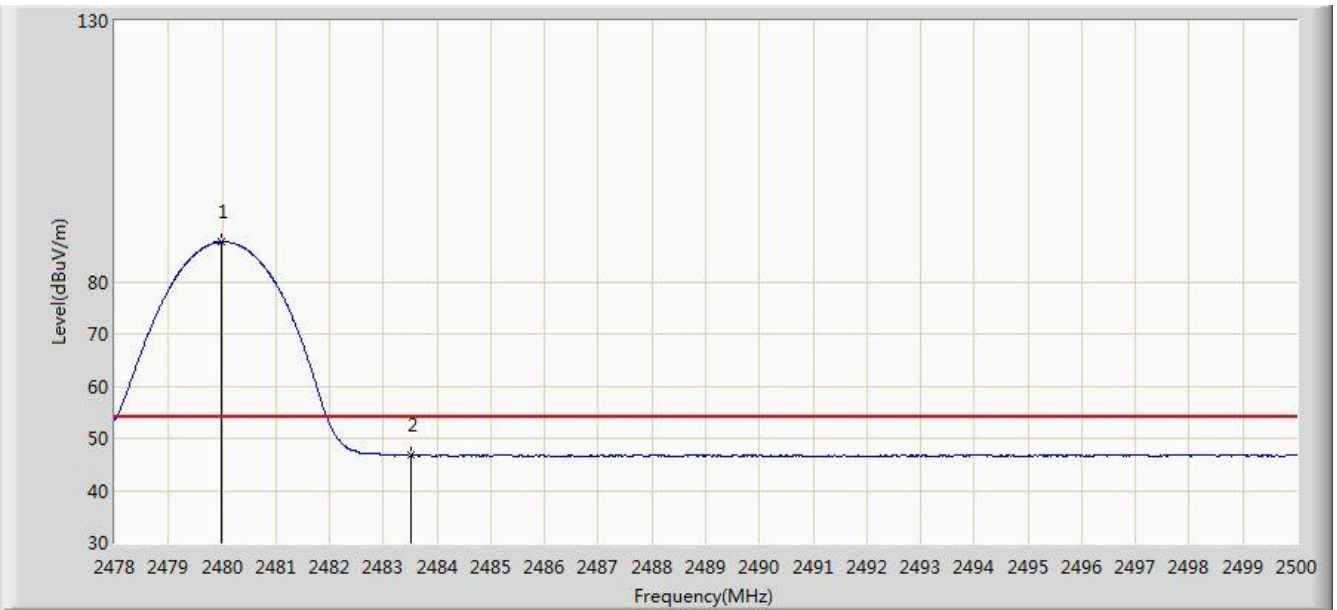


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	93.697	61.372	N/A	N/A	32.325	PK
2			2483.500	58.933	26.594	-15.067	74.000	32.340	PK
3			2489.209	60.635	28.273	-13.365	74.000	32.362	PK

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

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

Site: AC1	Time: 2018/07/07 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

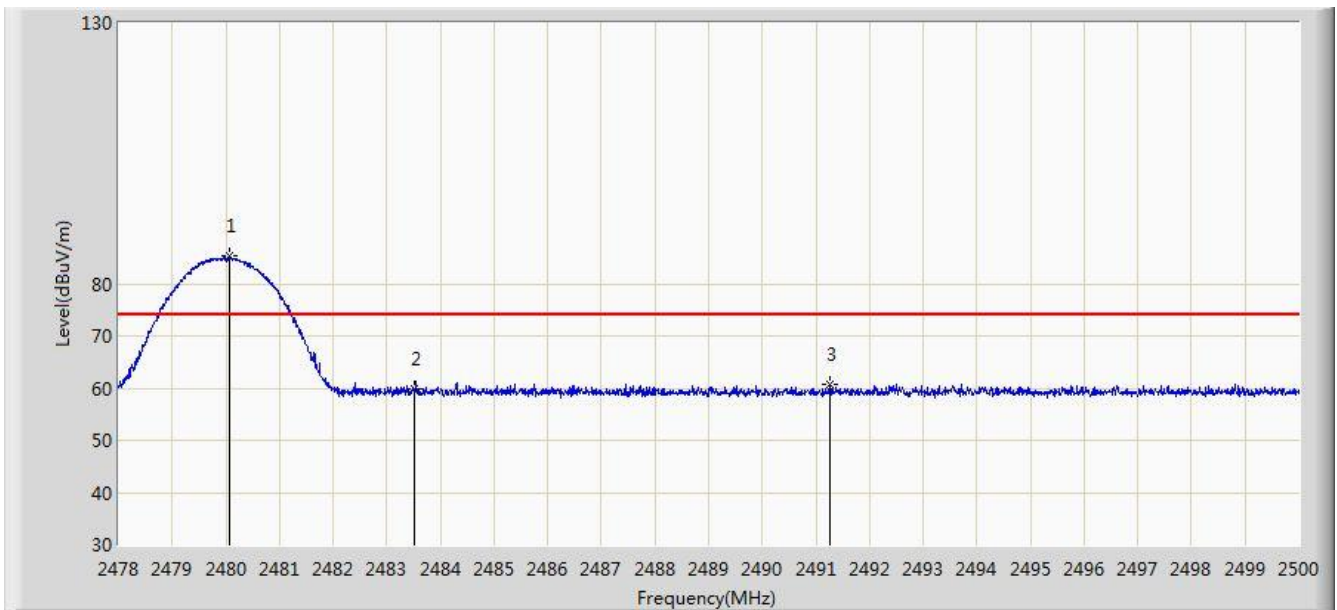


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.980	87.614	55.289	N/A	N/A	32.325	AV
2			2483.500	46.689	14.350	-7.311	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/07/07 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	

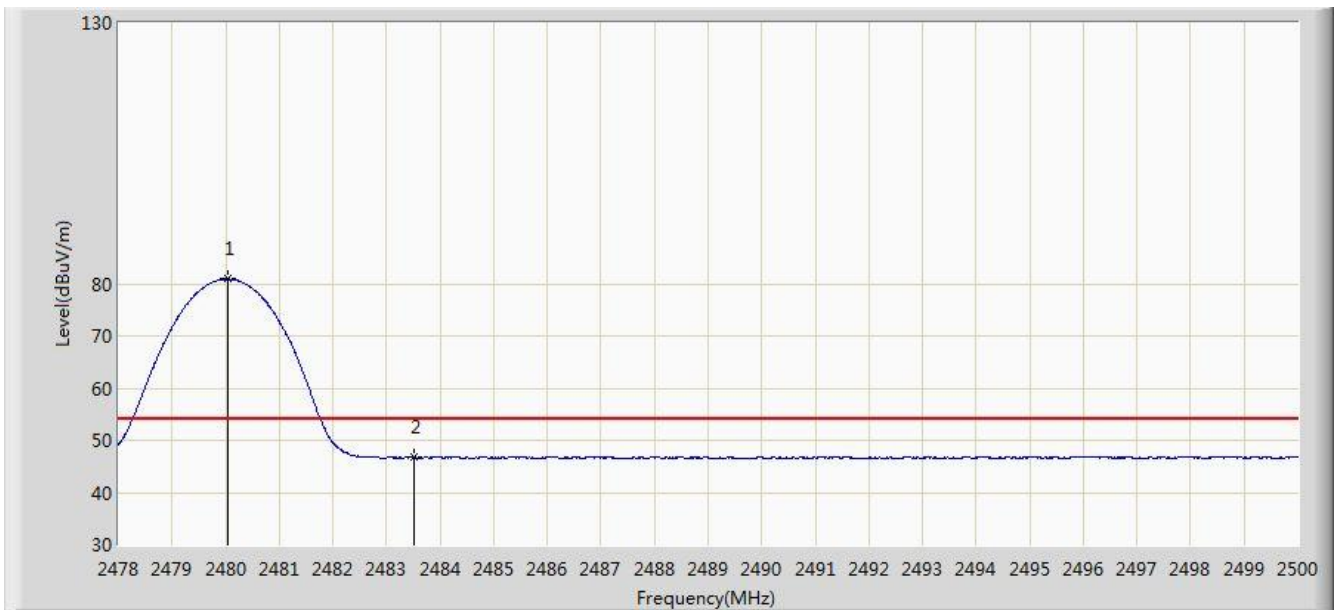


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.057	85.284	52.958	N/A	N/A	32.325	PK
2			2483.500	59.913	27.574	-14.087	74.000	32.340	PK
3			2491.255	60.821	28.451	-13.179	74.000	32.370	PK

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

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

Site: AC1	Time: 2018/07/07 - 03:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Cat Hu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Speaker ENEBY Portable	Power: By Battery
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	80.888	48.562	N/A	N/A	32.325	AV
2			2483.500	46.731	14.392	-7.269	54.000	32.340	AV

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

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

7.11. AC Conducted Emissions Measurement

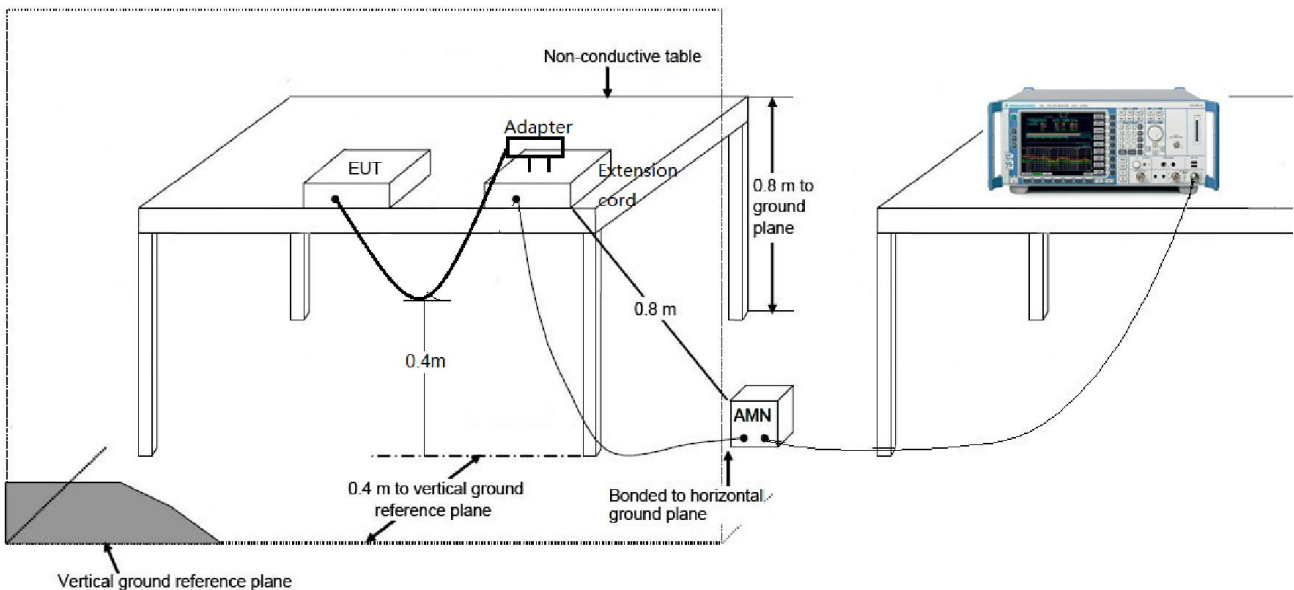
7.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
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.

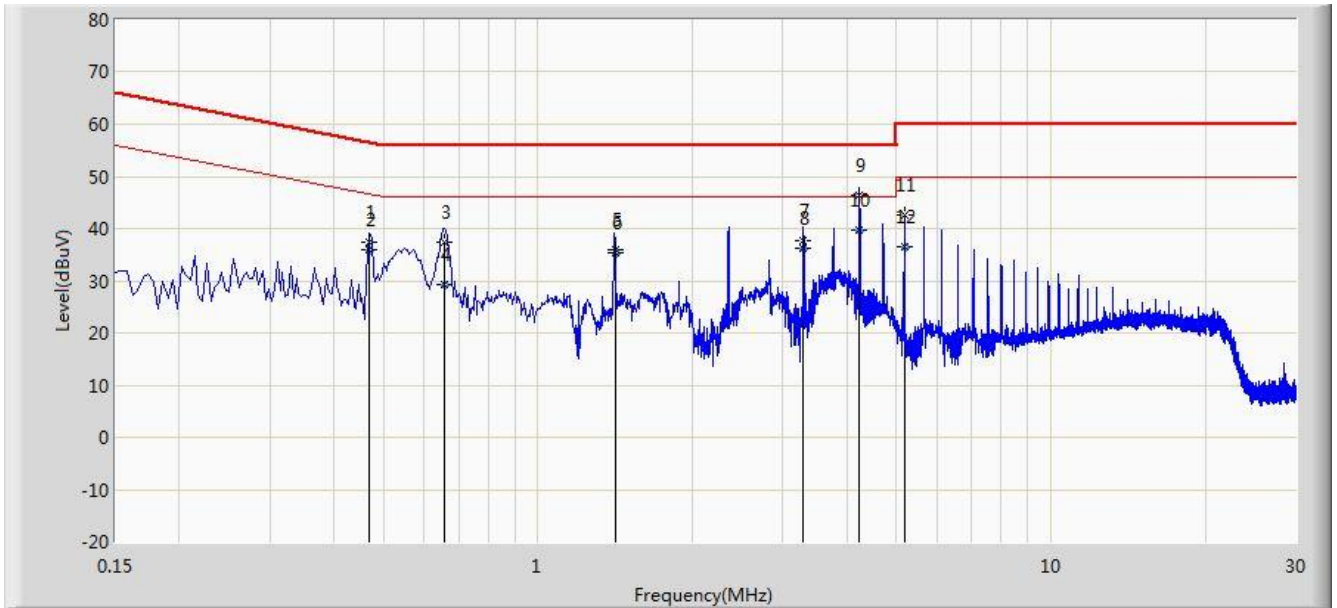
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3. Test Result

Site: SR2	Time: 2018/07/12 - 18:10
Limit: FCC_Part15.207_CE_AC Power	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wireless Speaker ENEBY Portable	Power: AC 120V/60Hz
Test Mode: Worst case	

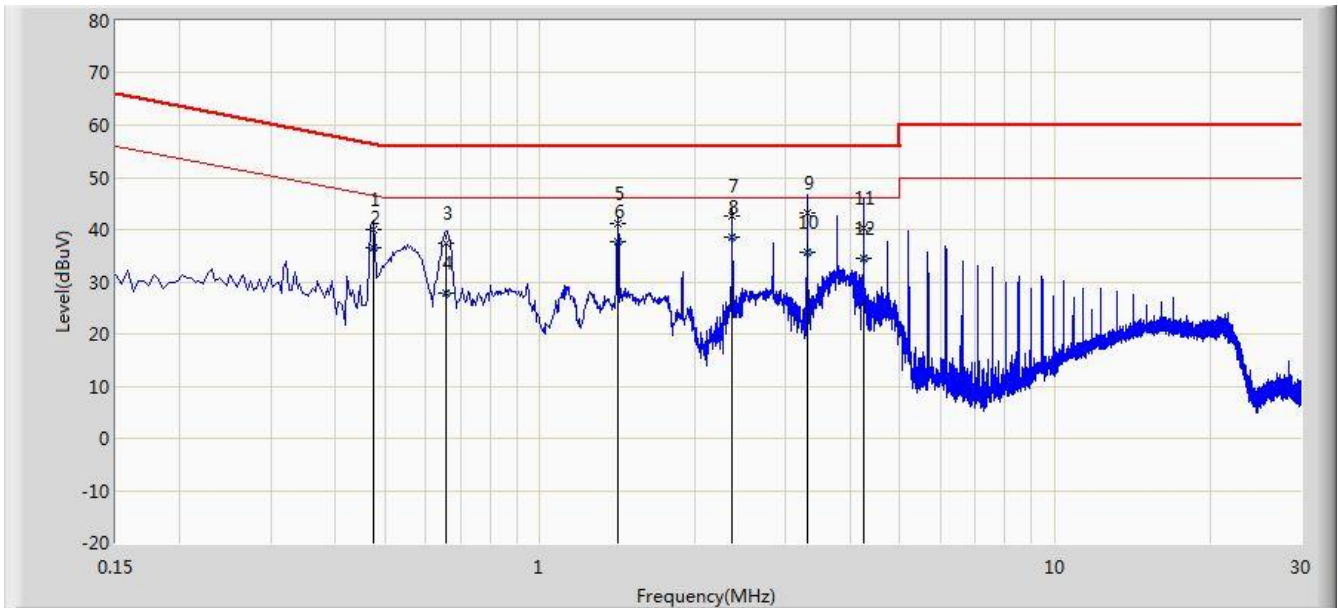


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.470	37.260	27.118	-19.254	56.514	10.142	QP
2			0.470	36.048	25.906	-10.465	46.514	10.142	AV
3			0.658	37.277	27.192	-18.723	56.000	10.085	QP
4			0.658	29.331	19.246	-16.669	46.000	10.085	AV
5			1.413	35.964	26.072	-20.036	56.000	9.892	QP
6			1.413	35.219	25.327	-10.781	46.000	9.892	AV
7			3.290	37.727	27.839	-18.273	56.000	9.889	QP
8			3.290	36.272	26.384	-9.728	46.000	9.889	AV
9			4.238	46.469	36.492	-9.531	56.000	9.977	QP
10		*	4.238	39.741	29.764	-6.259	46.000	9.977	AV
11			5.189	42.528	32.482	-17.472	60.000	10.046	QP
12			5.189	36.397	26.351	-13.603	50.000	10.046	AV

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

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

Site: SR2	Time: 2018/07/12 - 18:21
Limit: FCC_Part15.207_CE_AC Power	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wireless Speaker ENEBY Portable	Power: AC 120V/60Hz
Test Mode: Worst case	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.474	39.896	29.728	-16.548	56.444	10.167	QP
2			0.474	36.539	26.372	-9.905	46.444	10.167	AV
3			0.658	37.295	27.197	-18.705	56.000	10.099	QP
4			0.658	27.885	17.787	-18.115	46.000	10.099	AV
5			1.418	41.096	31.203	-14.904	56.000	9.893	QP
6			1.418	37.726	27.833	-8.274	46.000	9.893	AV
7			2.362	42.591	32.726	-13.409	56.000	9.865	QP
8		*	2.362	38.502	28.637	-7.498	46.000	9.865	AV
9			3.306	43.326	33.428	-12.674	56.000	9.898	QP
10			3.306	35.624	25.726	-10.376	46.000	9.898	AV
11			4.250	40.411	30.426	-15.589	56.000	9.986	QP
12			4.250	34.501	24.516	-11.499	46.000	9.986	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 **Wireless Speaker ENEBY Portable** is in compliance with Part 15C of the FCC rules and RSS-247 of IC rules.

The End

Appendix A – Test Setup Photograph

Refer to “1807WSU003-UT” file.

Appendix B – EUT Photograph

Refer to “1807WSU003-UE” file.