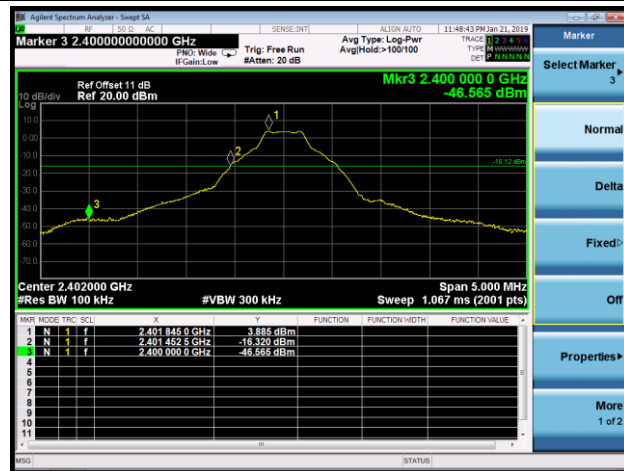
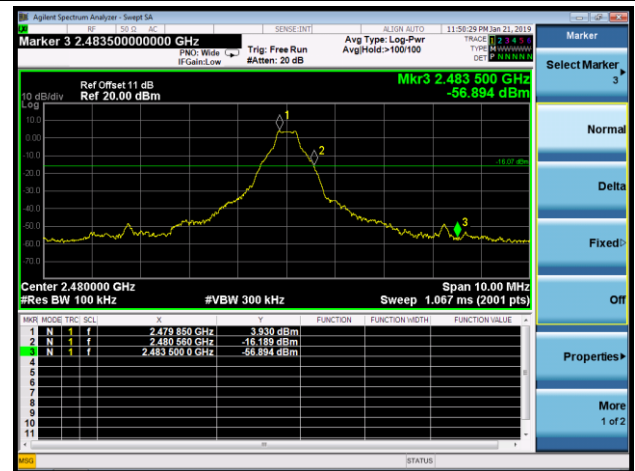


## Band-edge Compliance

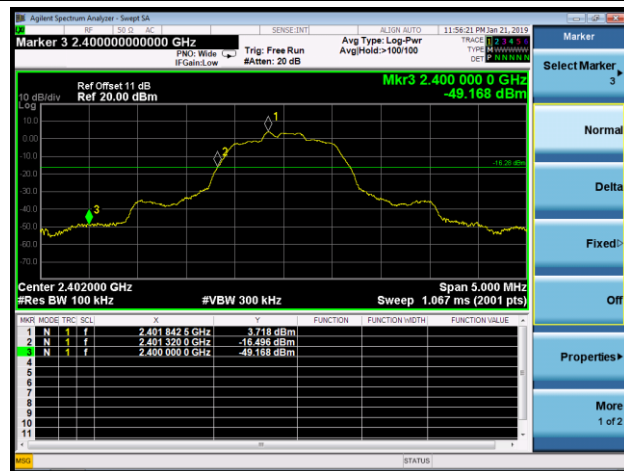
DH5 - Channel 00 (2402MHz)



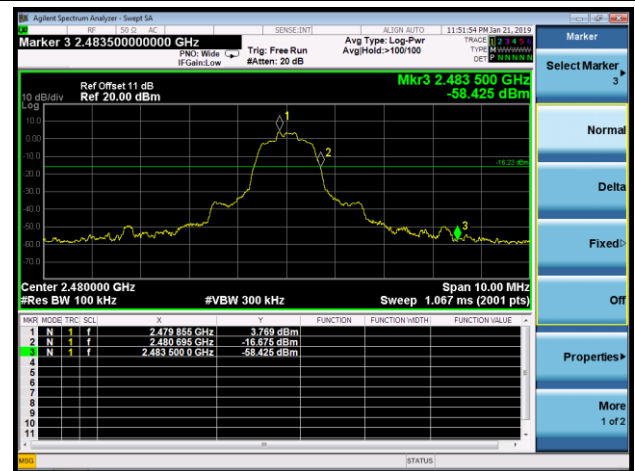
DH5 - Channel 78 (2480MHz)



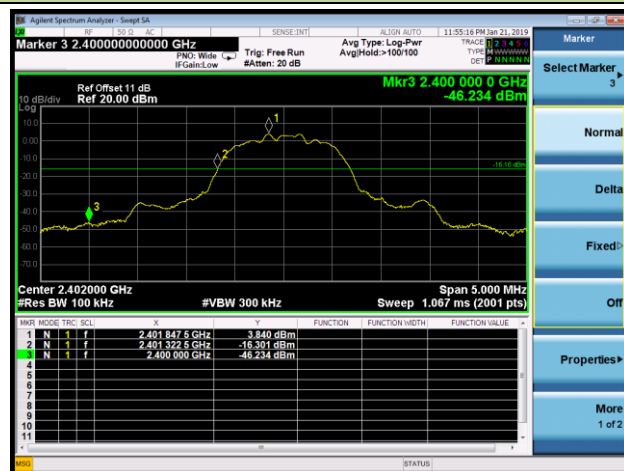
2DH5 - Channel 00 (2402MHz)



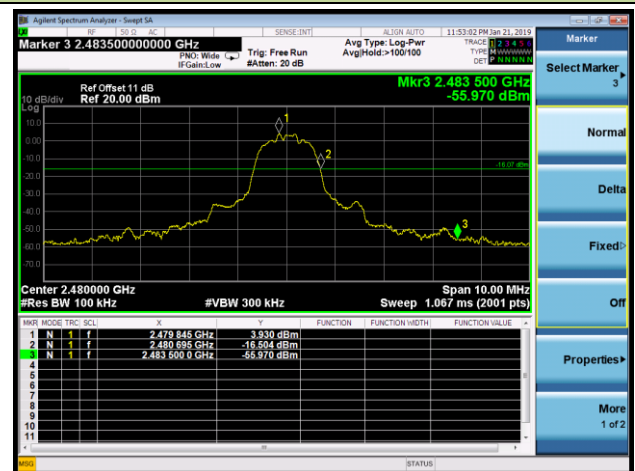
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)

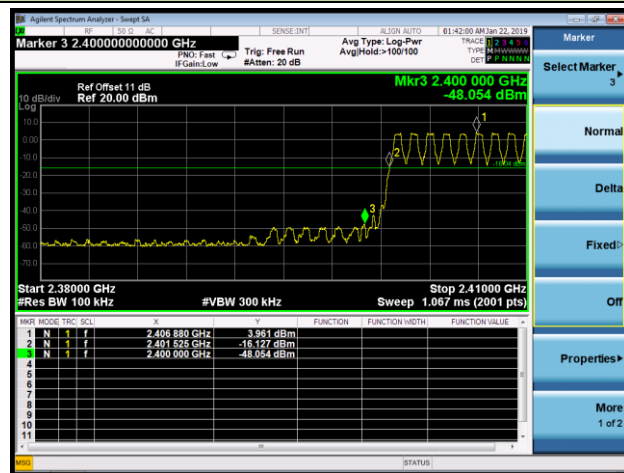


3DH5 - Channel 78 (2480MHz)

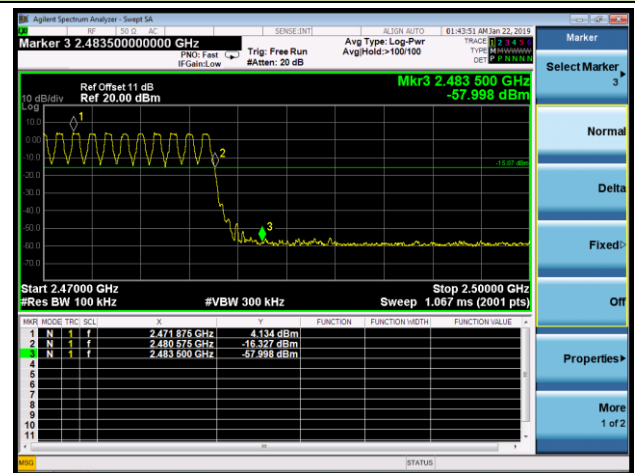


## Operation Frequency Range of 20dB Bandwidth within Hopping Mode

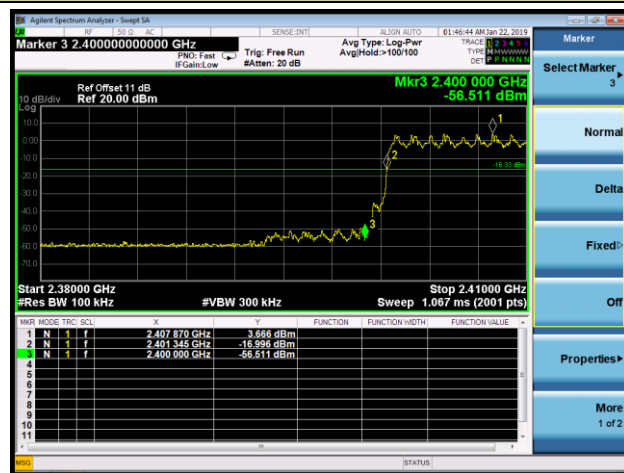
DH5 - Channel 00 (2402MHz)



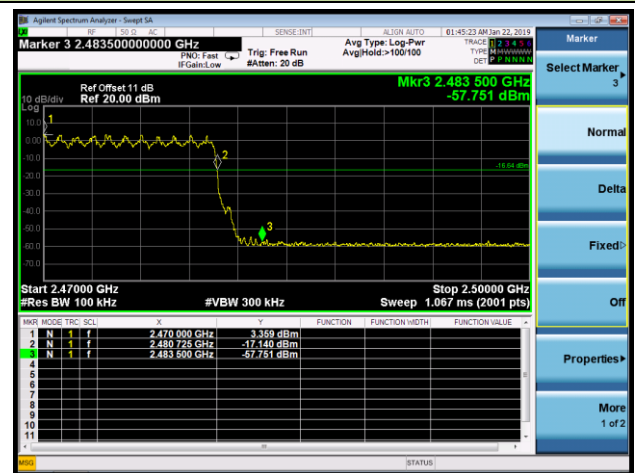
DH5 - Channel 78 (2480MHz)



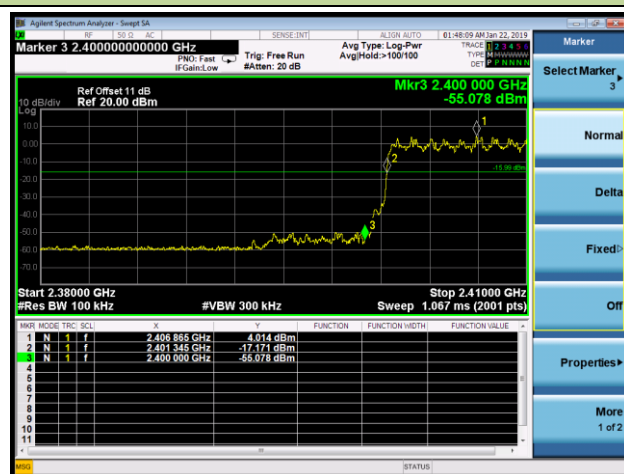
2DH5 - Channel 00 (2402MHz)



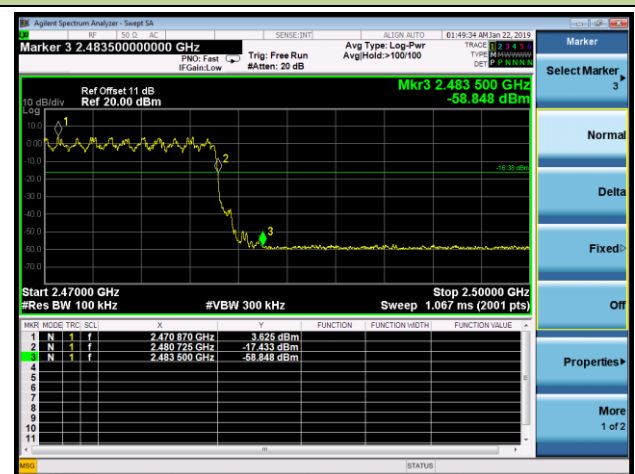
2DH5 - Channel 78 (2480MHz)



3DH5 - Channel 00 (2402MHz)



3DH5 - Channel 78 (2480MHz)



## **7.8. Conducted Spurious Emissions Measurement**

### **7.8.1. Test Limit**

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

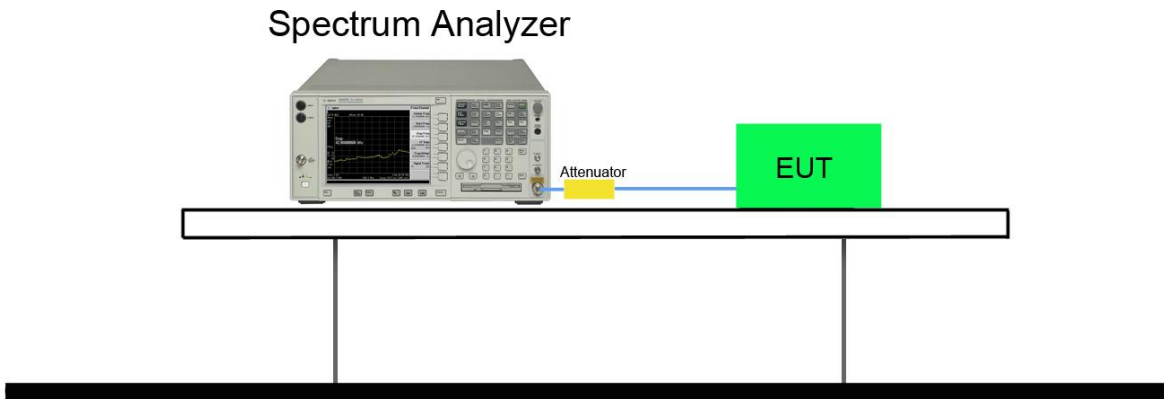
### **7.8.2. Test Procedure Used**

ANSI C63.10-2013 - Section 7.8.8

### **7.8.3. Test Setting**

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
2. RBW = 100 KHz
3. VBW  $\geq$  RBW
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



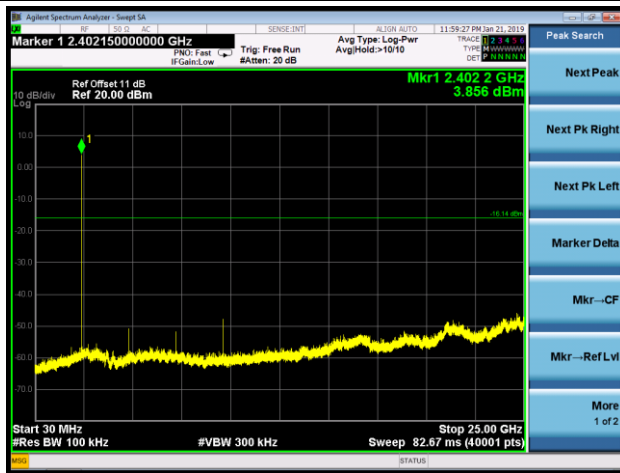
**7.8.5. Test Result**

Product	Wireless Earphone	Temperature	25°C
Test Engineer	Snake Ni	Relative Humidity	56%
Test Site	TR3	Test Date	2019/01/21-2019/01/22

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

### DH5 Conducted Spurious Emissions

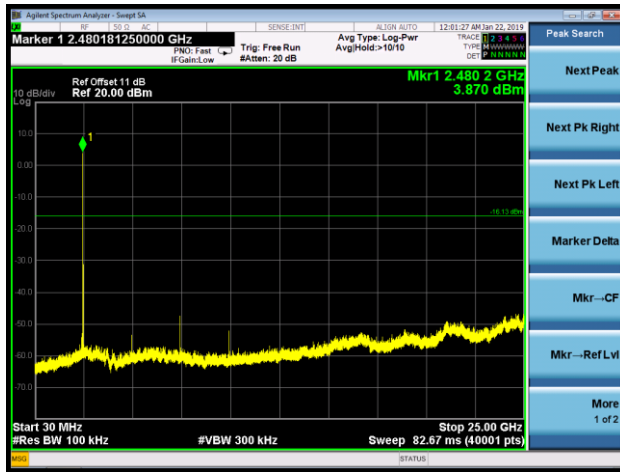
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



## 2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



### 3DH5 Conducted Spurious Emissions

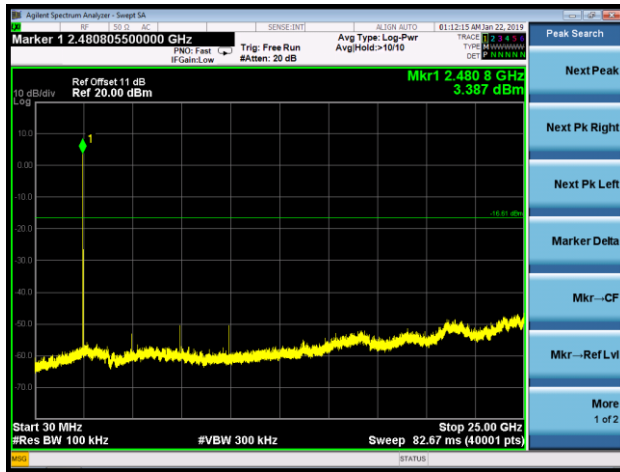
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)





## 7.9. Radiated Spurious Emission Measurement

### 7.9.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [ $\mu\text{V}/\text{m}$ ]	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

**Table 1 - RBW as a function of frequency**

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

**Quasi-Peak Measurements below 1GHz**

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

**Peak Measurements above 1GHz**

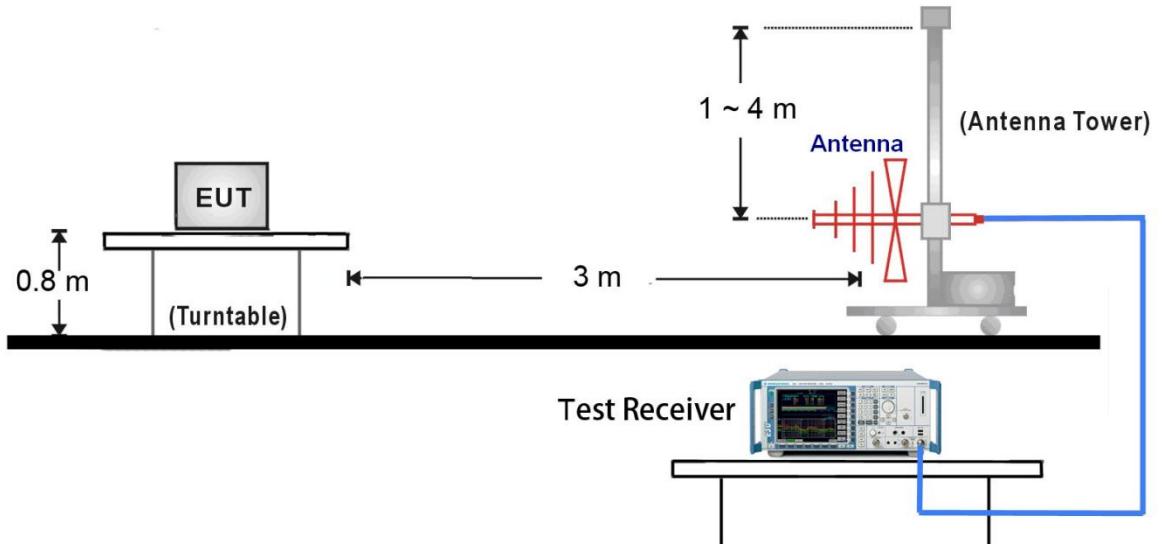
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

**Average Measurements above 1GHz (Method VB)**

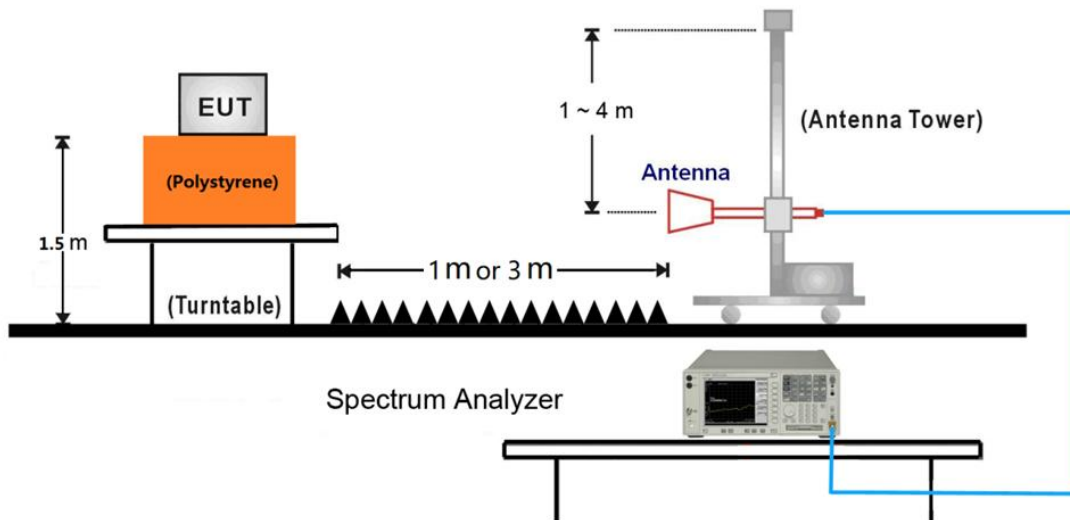
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set VBW = 10 Hz.  
  
If the EUT duty cycle is  $< 98\%$ , set VBW  $\geq 1/T$ . T is the minimum transmission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

### 7.9.4. Test Setup

#### 30MHz ~ 1GHz Test Setup:



#### Above 1GHz Test Setup:



**7.9.5. Test Result**

Product	Wireless Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4034.5	39.1	3.4	42.5	74.0	-31.5	Peak	Horizontal
	4804.0	47.8	5.8	53.6	74.0	-20.4	Peak	Horizontal
	4804.0	46.1	5.8	51.9	54.0	-2.1	Average	Horizontal
*	7206.0	42.1	12.6	54.7	80.1	-25.4	Peak	Horizontal
*	9608.0	40.1	15.3	55.4	80.1	-24.7	Peak	Horizontal
	4068.5	37.2	3.5	40.7	74.0	-33.3	Peak	Vertical
	4804.0	45.5	5.8	51.3	74.0	-22.7	Peak	Vertical
*	7206.0	41.1	12.6	53.7	80.1	-26.4	Peak	Vertical
*	9608.0	37.1	15.3	52.4	80.1	-27.7	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.1dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4882.0	43.2	6.0	49.2	74.0	-24.8	Peak	Horizontal
	7423.0	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	9764.0	38.0	16.2	54.2	80.2	-26.0	Peak	Horizontal
*	10341.5	33.4	17.3	50.7	80.2	-29.5	Peak	Horizontal
	4060.0	36.5	3.5	40.0	74.0	-34.0	Peak	Vertical
	4882.0	39.7	6.0	45.7	74.0	-28.3	Peak	Vertical
*	5989.5	34.7	7.9	42.6	80.2	-37.6	Peak	Vertical
*	6576.0	34.3	10.2	44.5	80.2	-35.7	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.2dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4060.0	36.9	3.5	40.4	74.0	-33.6	Peak	Horizontal
	4960.0	38.5	6.1	44.6	74.0	-29.4	Peak	Horizontal
*	6066.0	35.0	8.0	43.0	80.4	-37.4	Peak	Horizontal
*	6873.5	35.8	10.6	46.4	80.4	-34.0	Peak	Horizontal
	4034.5	36.5	3.4	39.9	74.0	-34.1	Peak	Vertical
	4884.5	36.2	6.0	42.2	74.0	-31.8	Peak	Vertical
*	5734.5	35.1	7.4	42.5	80.4	-37.9	Peak	Vertical
*	6304.0	35.5	8.8	44.3	80.4	-36.1	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.4dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4119.5	37.1	3.7	40.8	74.0	-33.2	Peak	Horizontal
	4804.0	46.1	5.8	51.9	74.0	-22.1	Peak	Horizontal
	4804.0	45.7	5.8	51.5	54.0	-2.5	Average	Horizontal
*	7206.0	39.3	12.6	51.9	83.1	-31.2	Peak	Horizontal
*	9608.0	39.0	15.3	54.3	83.1	-28.8	Peak	Horizontal
	4094.0	36.7	3.6	40.3	74.0	-33.7	Peak	Vertical
	4804.0	44.1	5.9	50.0	74.0	-24.0	Peak	Vertical
*	6831.0	35.3	10.5	45.8	83.1	-37.3	Peak	Vertical
*	7206.0	38.0	12.6	50.6	83.1	-32.5	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (103.1dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4298.0	37.1	4.4	41.5	74.0	-32.5	Peak	Horizontal
	4882.0	40.2	6.0	46.2	74.0	-27.8	Peak	Horizontal
*	7120.0	34.8	12.2	47.0	80.5	-33.5	Peak	Horizontal
*	9764.0	36.8	16.2	53.0	80.5	-27.5	Peak	Horizontal
	3992.0	37.2	3.2	40.4	74.0	-33.6	Peak	Vertical
	4850.5	36.3	5.9	42.2	74.0	-31.8	Peak	Vertical
*	5998.0	35.6	8.0	43.6	80.5	-36.9	Peak	Vertical
*	6516.5	36.1	9.9	46.0	80.5	-34.5	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (100.5dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4068.5	37.6	3.5	41.1	74.0	-32.9	Peak	Horizontal
	4825.0	36.5	5.9	42.4	74.0	-31.6	Peak	Horizontal
*	7077.5	35.9	11.9	47.8	78.2	-30.4	Peak	Horizontal
*	9920.0	36.1	16.6	52.7	78.2	-25.5	Peak	Horizontal
	3992.0	36.8	3.2	40.0	74.0	-34.0	Peak	Vertical
	4833.5	35.8	5.9	41.7	74.0	-32.3	Peak	Vertical
*	6916.0	35.2	10.9	46.1	78.2	-32.1	Peak	Vertical
*	9525.5	35.8	15.1	50.9	78.2	-27.3	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.2dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4332.0	35.8	4.4	40.2	74.0	-33.8	Peak	Horizontal
	4804.0	41.5	5.8	47.3	74.0	-26.7	Peak	Horizontal
*	9608.0	38.4	15.3	53.7	81.6	-27.9	Peak	Horizontal
*	10579.5	34.5	17.6	52.1	81.6	-29.5	Peak	Horizontal
	4060.0	37.1	3.5	40.6	74.0	-33.4	Peak	Vertical
	4804.0	36.9	5.9	42.8	74.0	-31.2	Peak	Vertical
*	6780.0	35.8	10.1	45.9	81.6	-35.7	Peak	Vertical
*	9608.0	36.0	15.3	51.3	81.6	-30.3	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (101.6dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Product	Wireless Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	4034.5	37.0	3.4	40.4	74.0	-33.6	Peak	Horizontal
	4882.0	41.0	6.0	47.0	74.0	-27.0	Peak	Horizontal
*	9764.0	35.8	16.2	52.0	79.5	-27.5	Peak	Horizontal
*	10052.5	35.4	16.8	52.2	79.5	-27.3	Peak	Horizontal
	3830.5	37.6	2.8	40.4	74.0	-33.6	Peak	Vertical
	4561.5	37.0	5.0	42.0	74.0	-32.0	Peak	Vertical
*	5751.5	35.6	7.4	43.0	79.5	-36.5	Peak	Vertical
*	6873.5	35.6	10.6	46.2	79.5	-33.3	Peak	Vertical

Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (99.5dBμV/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 Earphone	Temperature	25°C
Test Engineer	David Lv	Relative Humidity	56%
Test Site	AC1	Test Date	2019/01/17
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
	3983.5	37.5	3.2	40.7	74.0	-33.3	Peak	Horizontal
	4825.0	36.3	5.9	42.2	74.0	-31.8	Peak	Horizontal
*	6967.0	35.0	11.1	46.1	78.2	-32.1	Peak	Horizontal
*	9920.0	36.4	16.6	53.0	78.2	-25.2	Peak	Horizontal
	3949.5	37.7	3.1	40.8	74.0	-33.2	Peak	Vertical
	4859.0	36.1	5.9	42.0	74.0	-32.0	Peak	Vertical
*	6958.5	35.5	11.1	46.6	78.2	-31.6	Peak	Vertical
*	9920.0	35.0	16.6	51.6	78.2	-26.6	Peak	Vertical

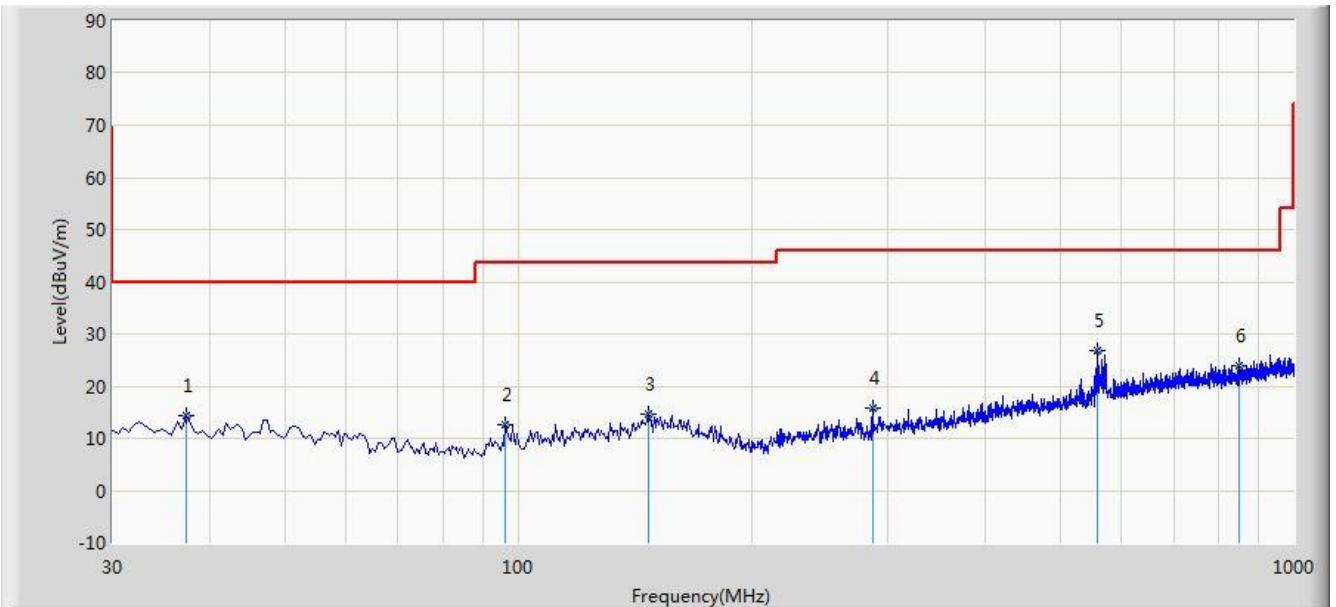
Note 1: "\*" is not in restricted band, its limit is 20dBc of the fundamental emission level (98.2dBμV/m) or 15.209 which is higher.

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

**The Worst Case of Radiated Emission below 1GHz:**

Site: AC1	Time: 2019/01/22 - 00:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Max Wang
Probe: VULB9168_20-2000MHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



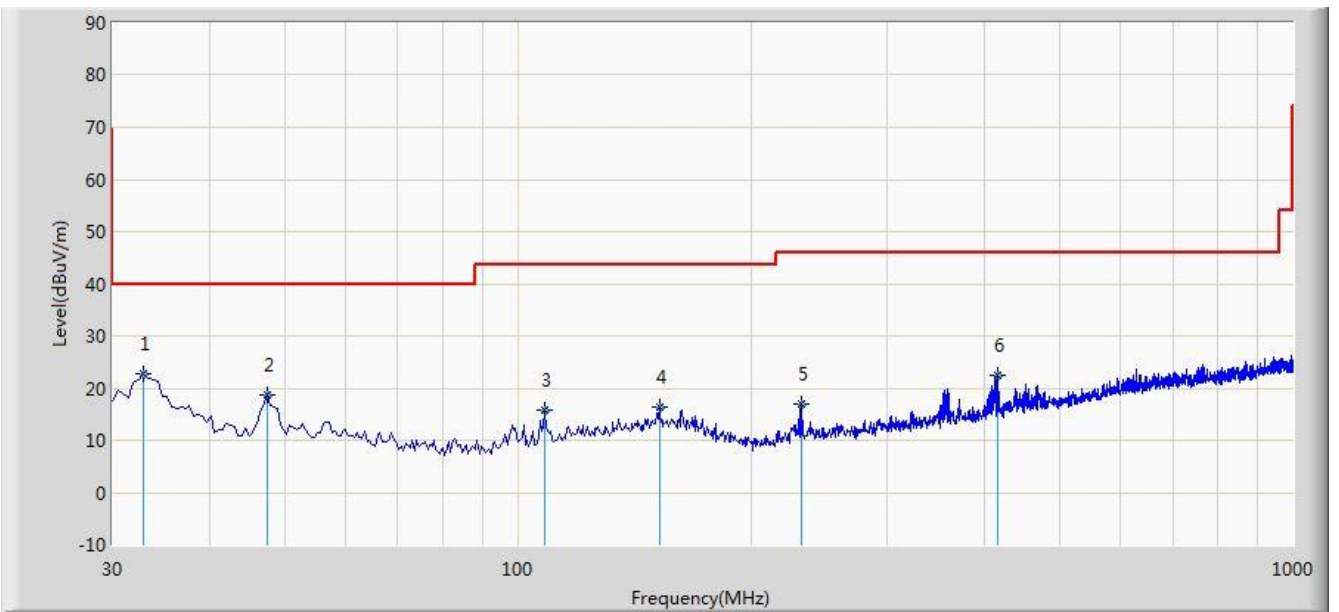
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			37.275	14.278	0.012	-25.722	40.000	14.267	QP
2			96.445	12.633	1.834	-30.867	43.500	10.799	QP
3			147.370	14.666	-0.436	-28.834	43.500	15.102	QP
4			286.565	15.663	1.597	-30.337	46.000	14.066	QP
5		*	558.650	26.700	6.989	-19.300	46.000	19.711	QP
6			851.590	24.050	0.285	-21.950	46.000	23.765	QP

Note 1: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ 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: 2019/01/22 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Max Wang
Probe: VULB9168_20-2000MHz	Polarity: Vertical
EUT: Wireless Earphone	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	32.910	22.707	8.855	-17.293	40.000	13.852	QP
2			47.460	18.682	4.448	-21.318	40.000	14.234	QP
3			108.570	15.704	3.761	-27.796	43.500	11.943	QP
4			152.220	16.254	0.966	-27.246	43.500	15.288	QP
5			232.730	16.917	4.243	-29.083	46.000	12.674	QP
6			417.030	22.568	5.511	-23.432	46.000	17.057	QP

Note 1: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ 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.

## 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
<sup>1</sup> 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	( <sup>2</sup> )
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

**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**

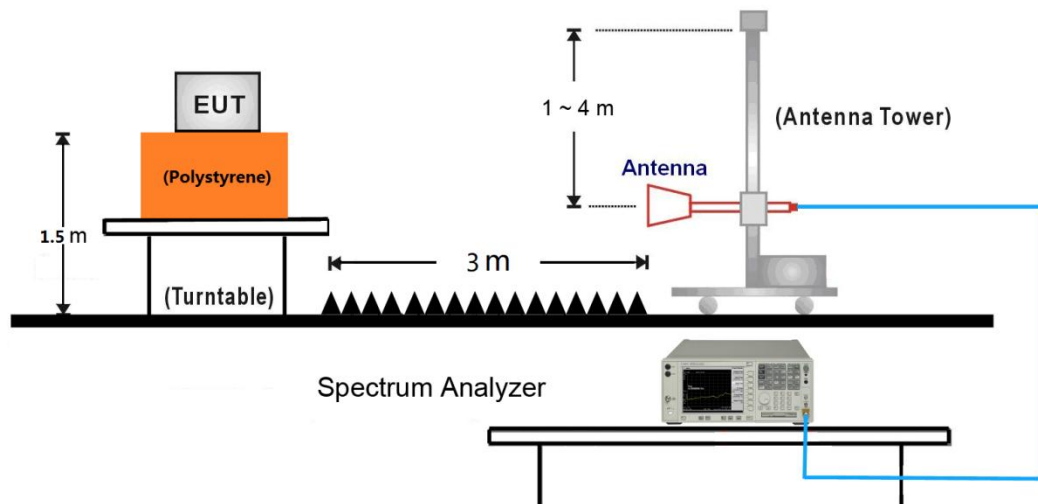
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize



### Average Measurements above 1GHz (Method VB)

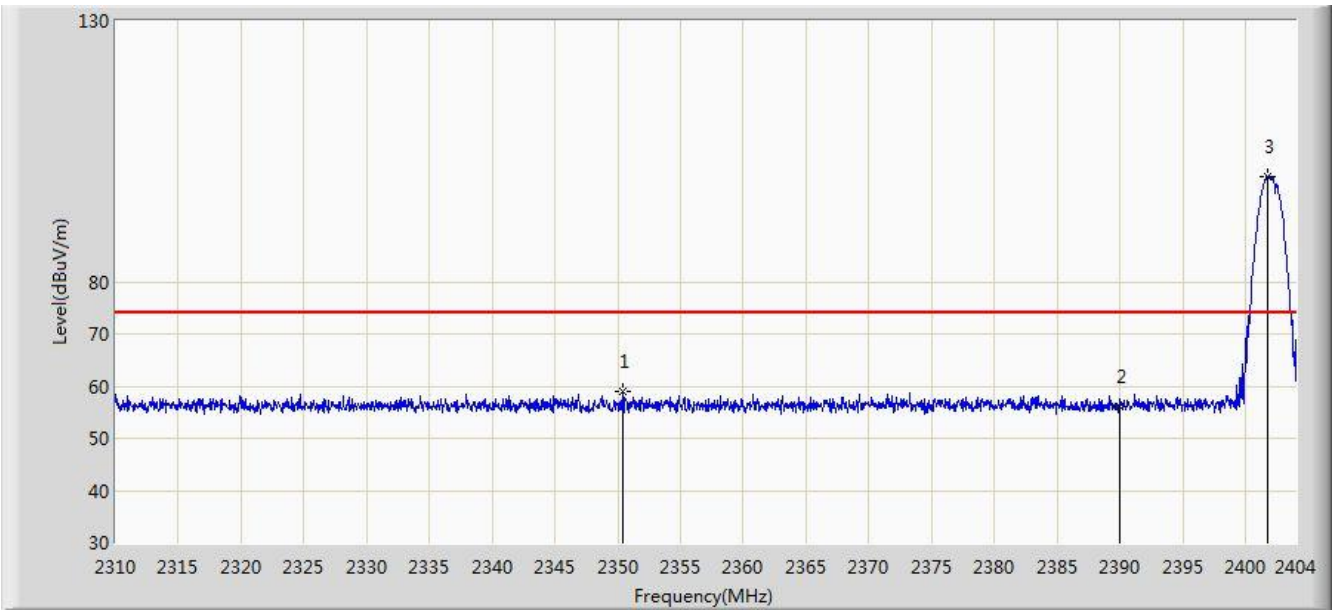
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set VBW = 10 Hz.  
If the EUT duty cycle is  $< 98\%$ , set VBW  $\geq 1/T$ . T is the minimum transmission duration.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

#### 7.10.3.Test Setup



**7.10.4. Test Result**

Site: AC1	Time: 2019/01/16 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2402MHz	

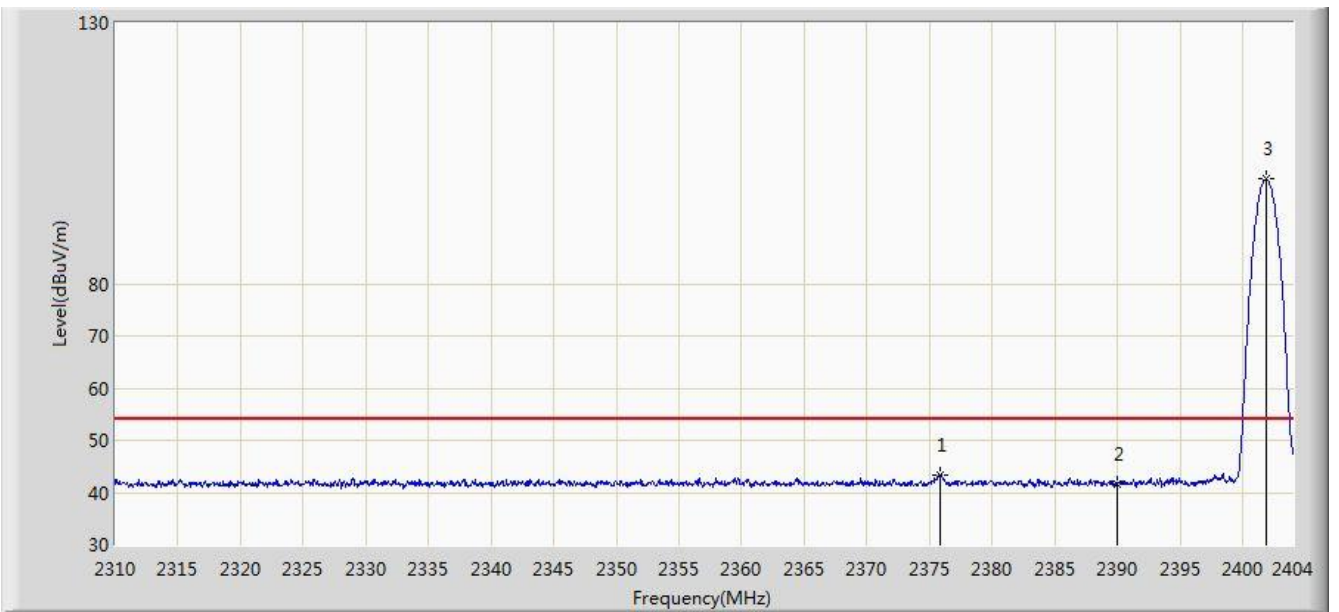


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2350.420	59.071	26.672	-14.929	74.000	32.399	PK
2			2390.000	56.000	23.673	-18.000	74.000	32.327	PK
3		*	2401.744	100.116	67.811	N/A	N/A	32.305	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:02
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2402MHz	

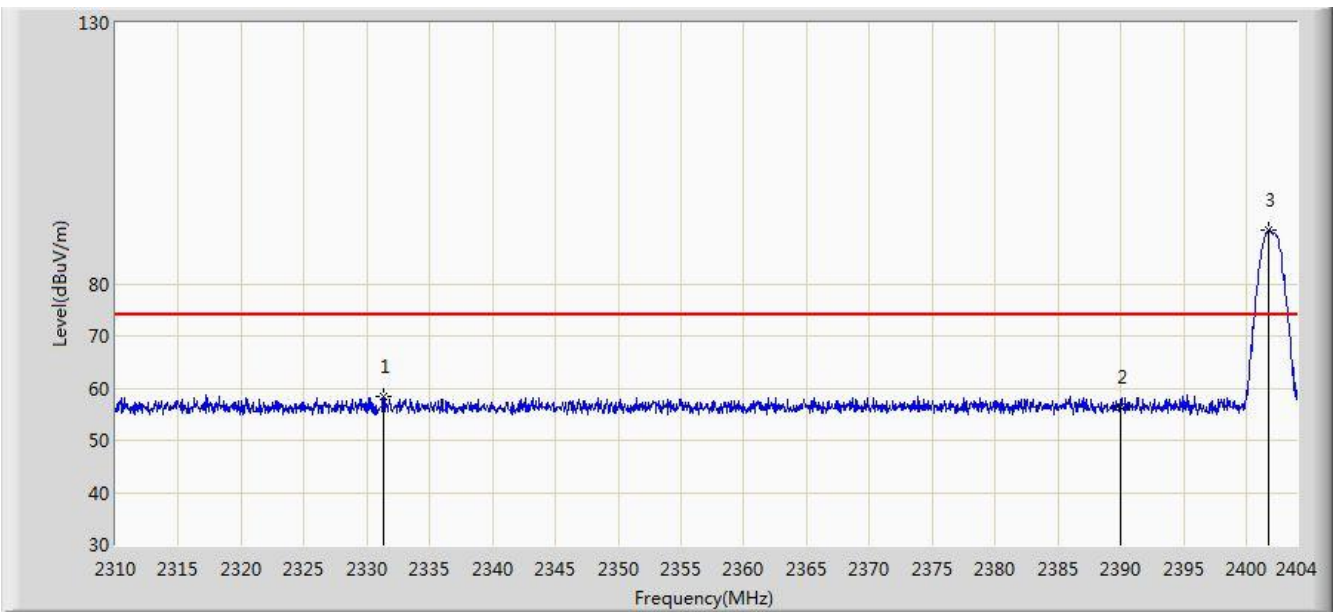


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.894	43.215	10.868	-10.785	54.000	32.346	AV
2			2390.000	41.736	9.409	-12.264	54.000	32.327	AV
3		*	2401.885	100.015	67.710	N/A	N/A	32.305	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:04
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2402MHz	

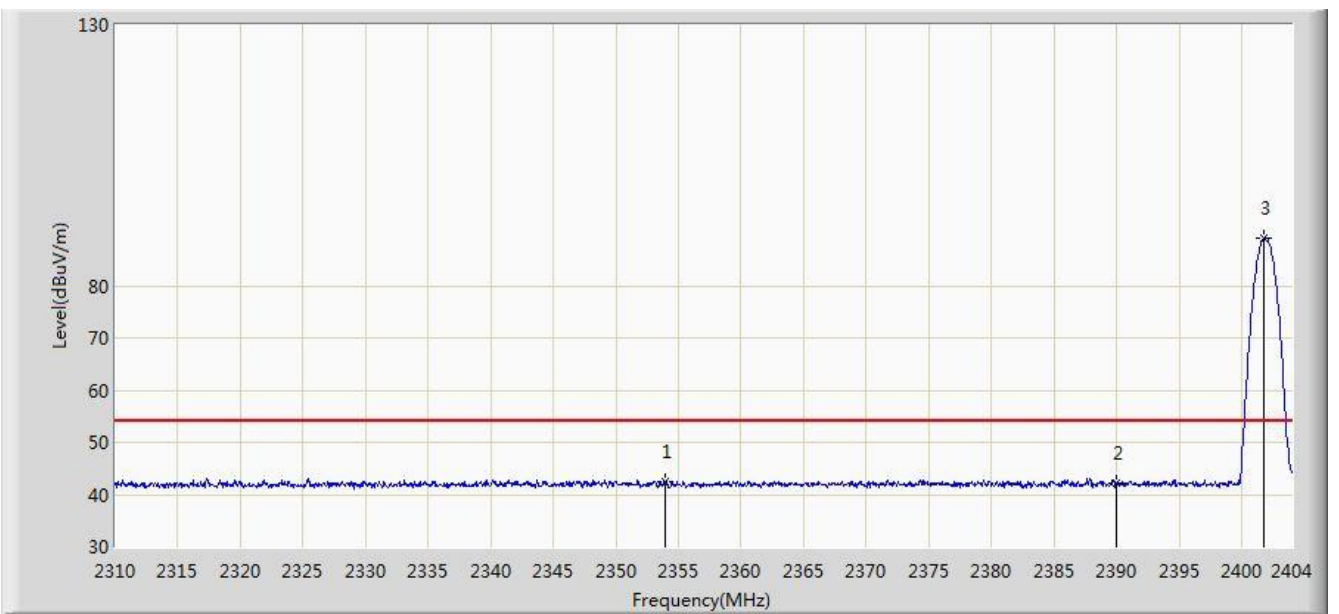


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2331.291	58.504	26.034	-15.496	74.000	32.469	PK
2			2390.000	56.413	24.086	-17.587	74.000	32.327	PK
3		*	2401.744	90.223	57.918	N/A	N/A	32.305	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:22
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2402MHz	

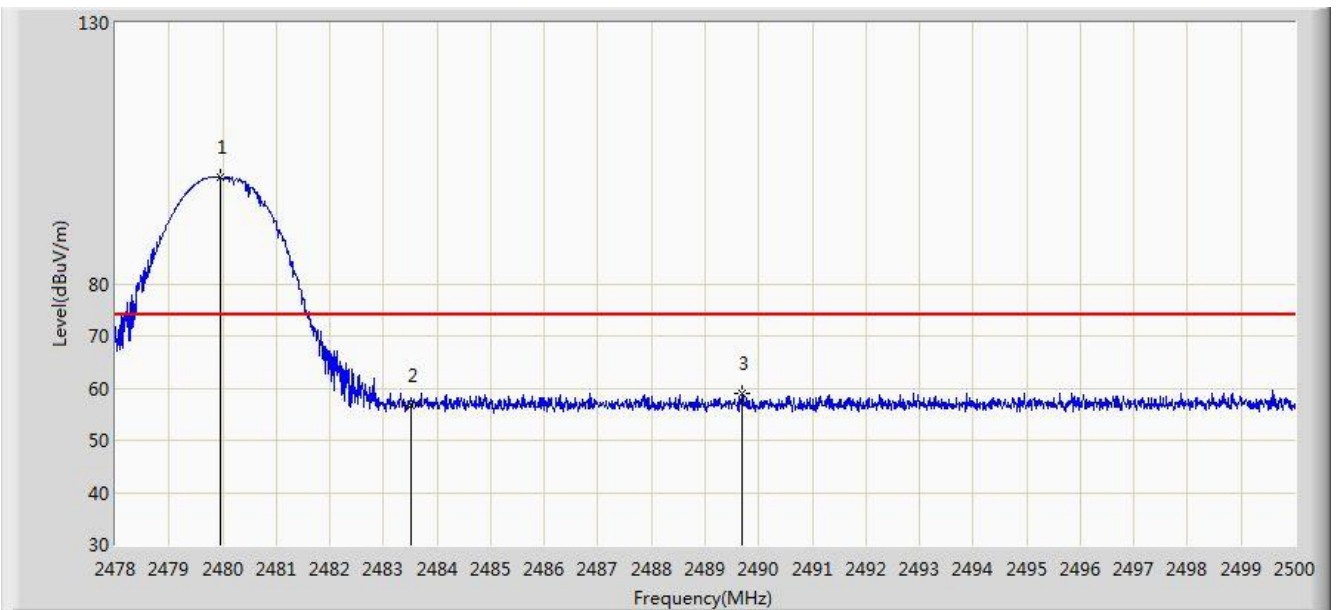


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.992	42.603	10.214	-11.397	54.000	32.389	AV
2			2390.000	42.065	9.738	-11.935	54.000	32.327	AV
3		*	2401.791	89.211	56.906	N/A	N/A	32.305	AV

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

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

Site: AC1	Time: 2019/01/16 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2480MHz	

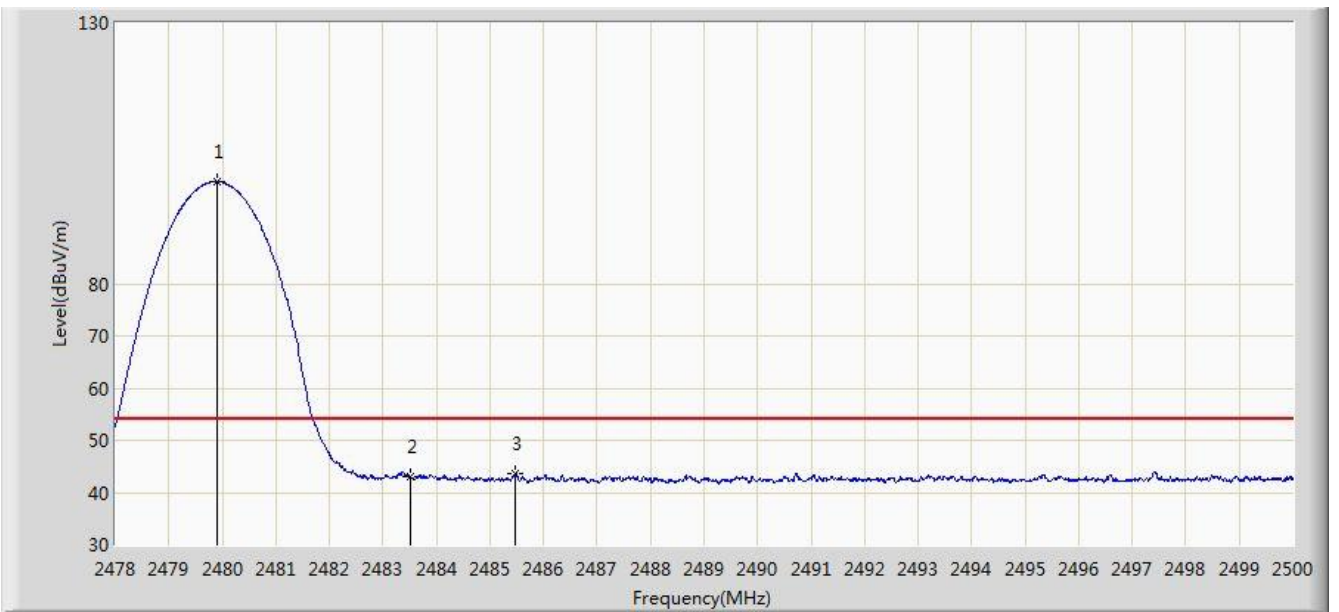


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.947	100.393	68.068	N/A	N/A	32.325	PK
2			2483.500	56.723	24.384	-17.277	74.000	32.340	PK
3			2489.693	58.947	26.584	-15.053	74.000	32.364	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2480MHz	

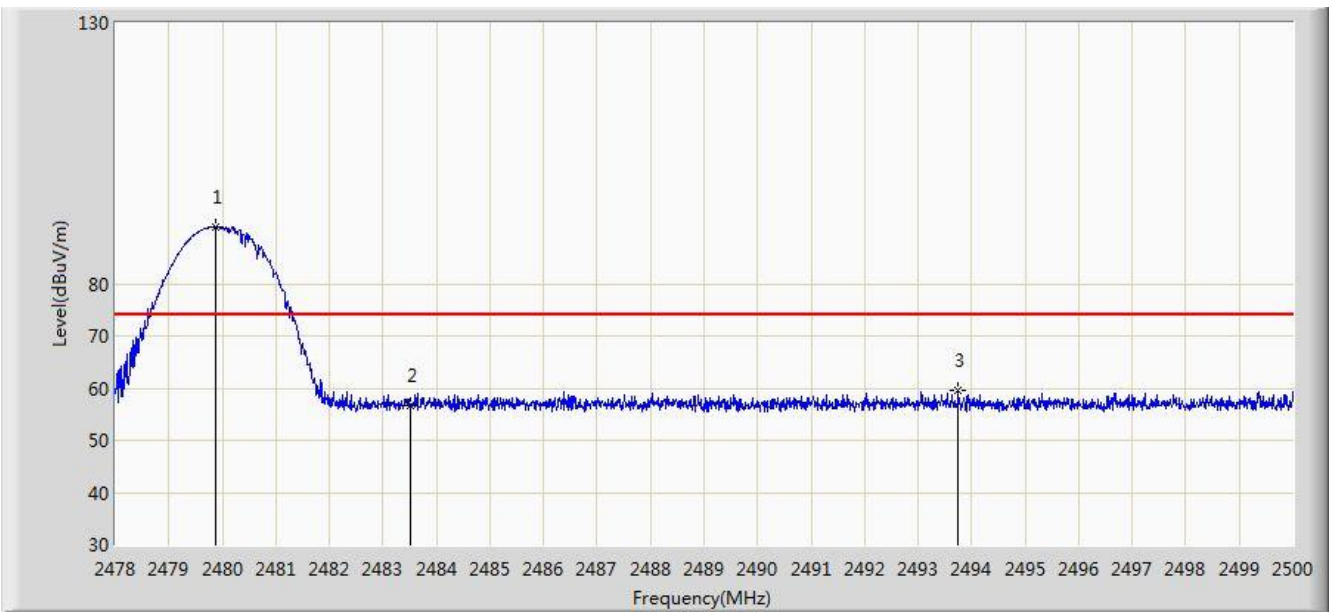


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	99.559	67.234	N/A	N/A	32.325	AV
2			2483.500	42.932	10.593	-11.068	54.000	32.340	AV
3			2485.480	43.532	11.185	-10.468	54.000	32.347	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2480MHz	



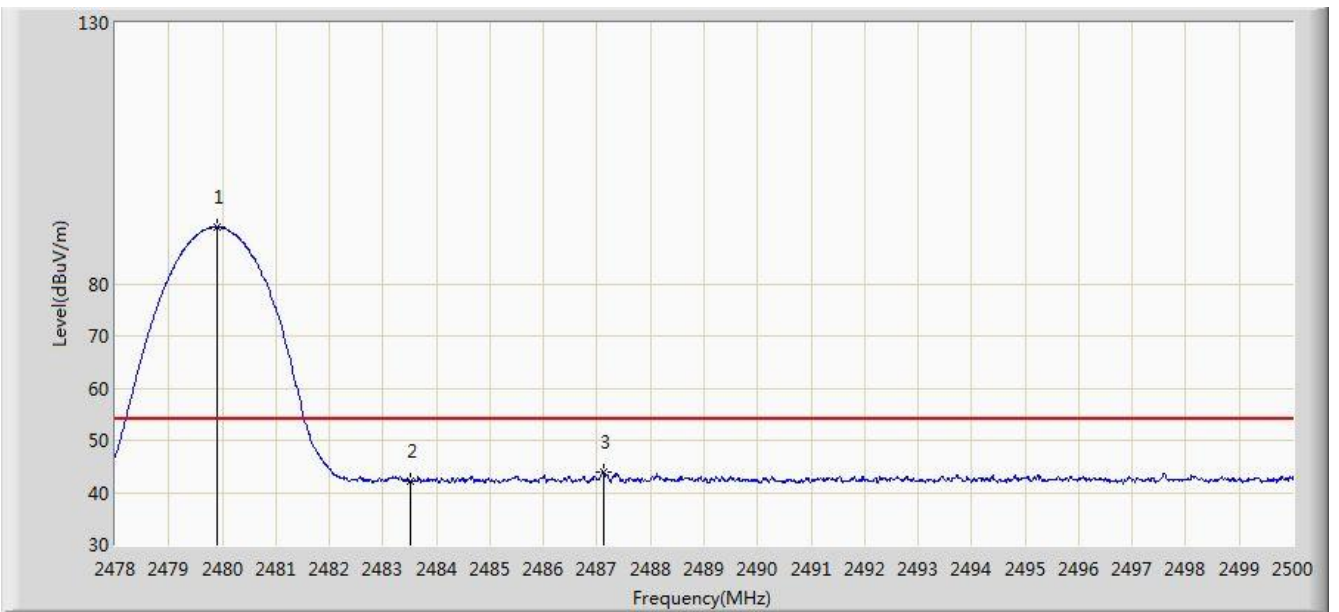
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	90.873	58.548	N/A	N/A	32.325	PK
2			2483.500	56.796	24.457	-17.204	74.000	32.340	PK
3			2493.752	59.432	27.053	-14.568	74.000	32.379	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



Site: AC1	Time: 2019/01/16 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by DH5 at channel 2480MHz	

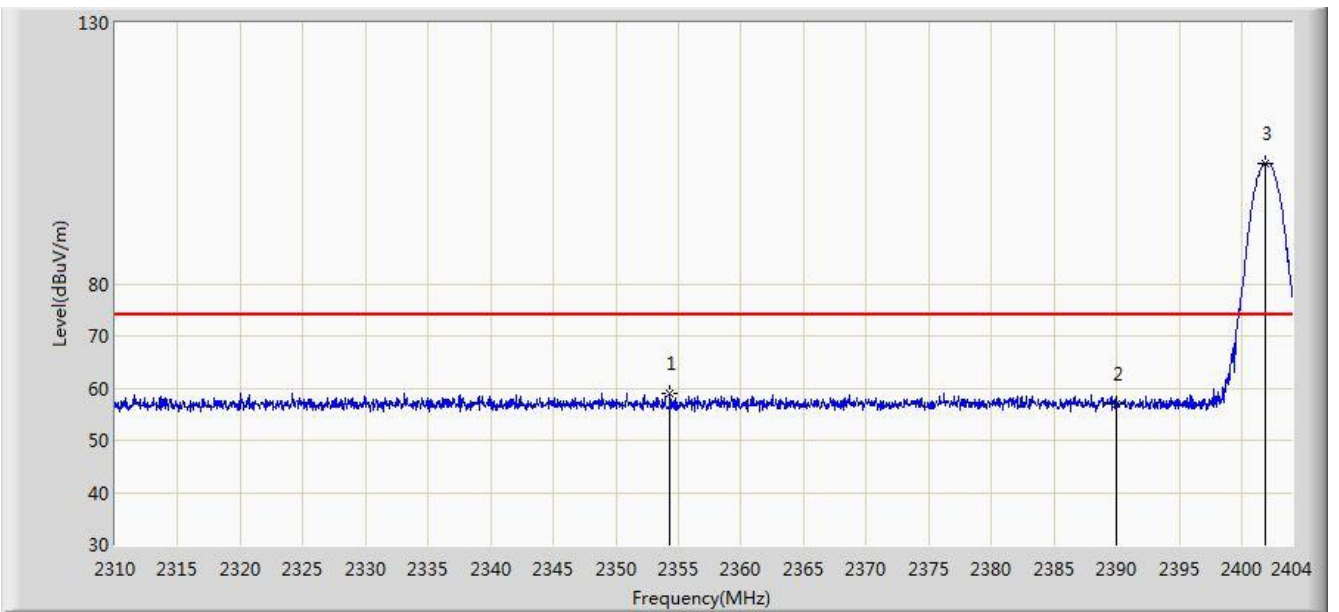


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	90.812	58.487	N/A	N/A	32.325	AV
2			2483.500	42.204	9.865	-11.796	54.000	32.340	AV
3			2487.119	43.890	11.537	-10.110	54.000	32.353	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2402MHz	

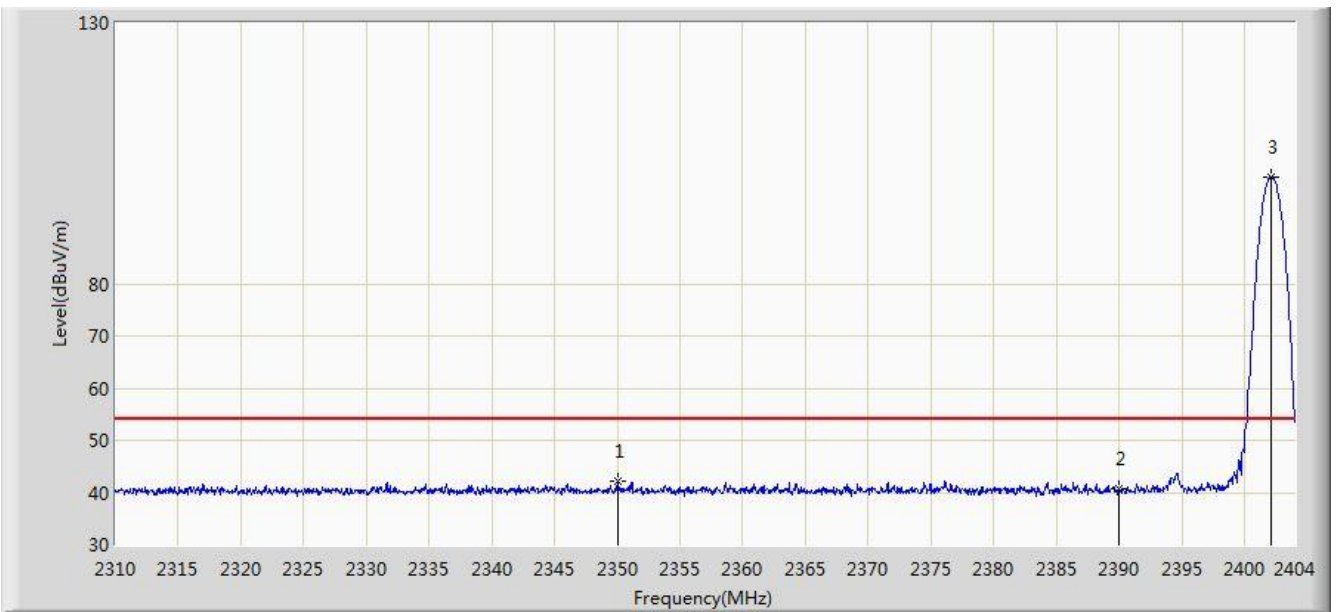


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.321	59.058	26.669	-14.942	74.000	32.389	PK
2			2390.000	57.045	24.718	-16.955	74.000	32.327	PK
3		*	2401.885	103.107	70.802	N/A	N/A	32.305	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2402MHz	

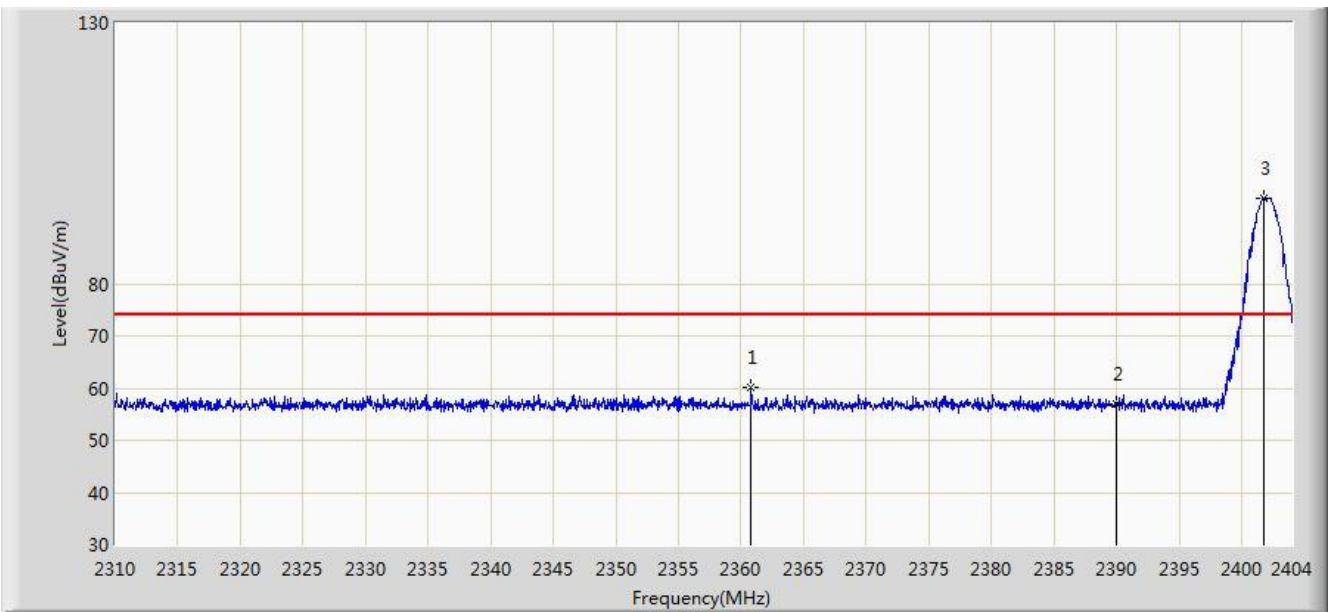


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2350.044	42.200	9.800	-11.800	54.000	32.400	AV
2			2390.000	40.785	8.458	-13.215	54.000	32.327	AV
3		*	2402.073	100.527	68.223	N/A	N/A	32.304	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/16 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2402MHz	

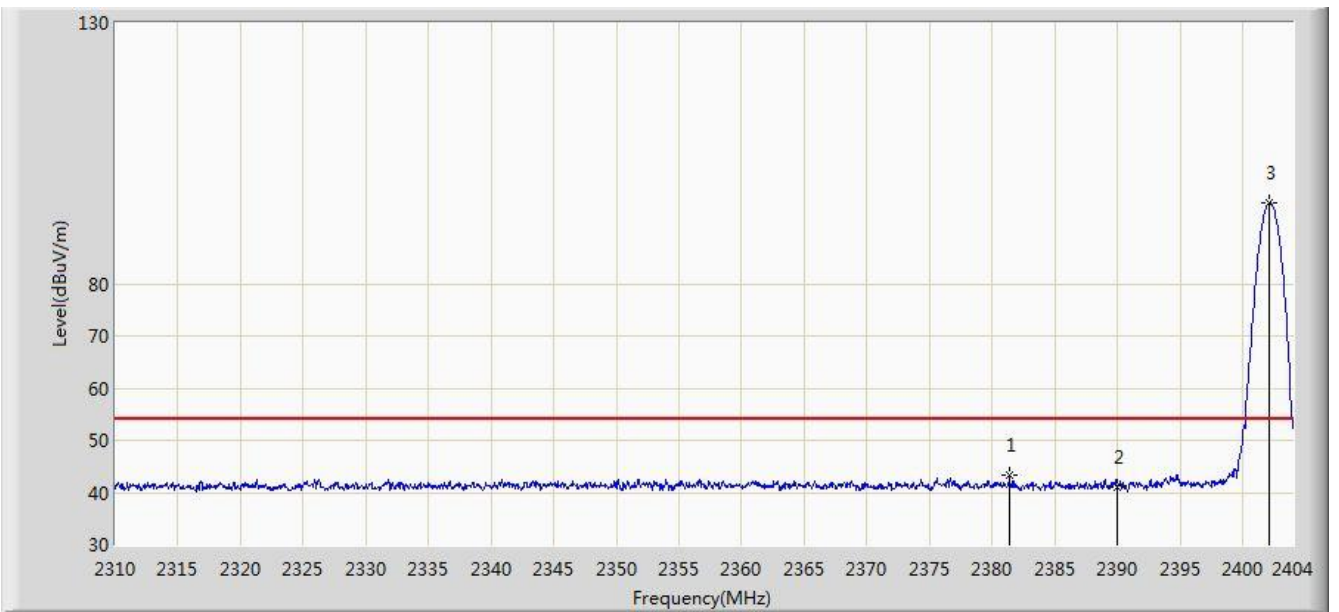


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2360.807	60.016	27.641	-13.984	74.000	32.376	PK
2			2390.000	56.913	24.586	-17.087	74.000	32.327	PK
3		*	2401.744	96.383	64.078	N/A	N/A	32.305	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2402MHz	

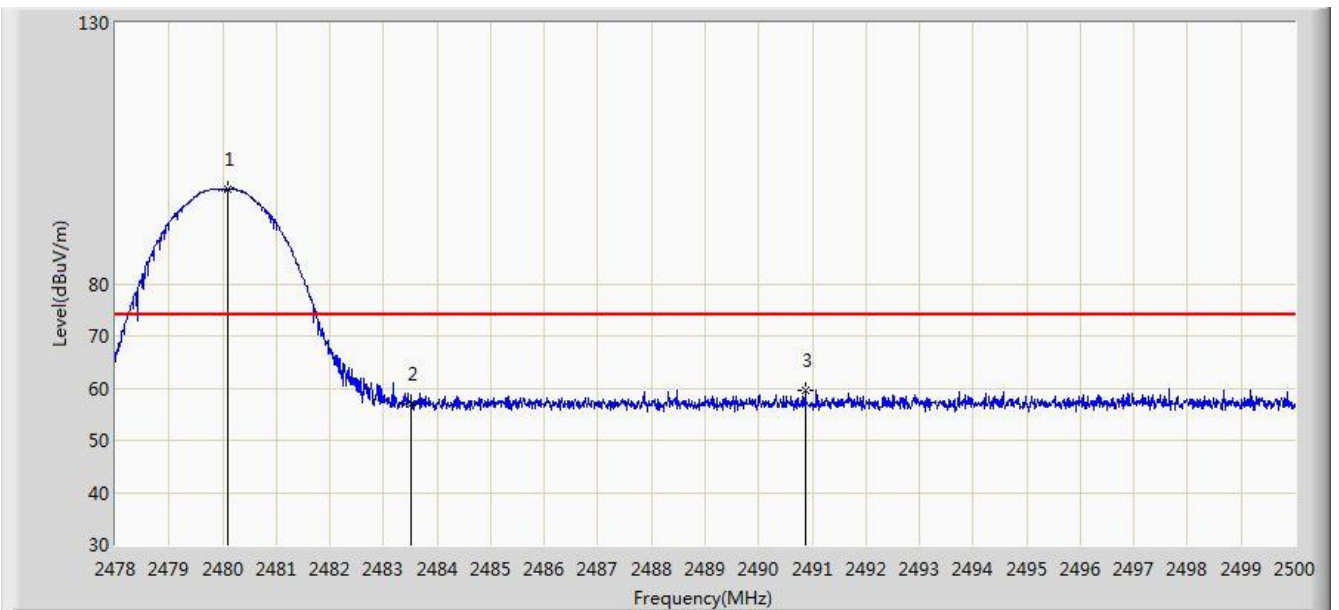


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.393	43.329	10.990	-10.671	54.000	32.338	AV
2			2390.000	41.003	8.676	-12.997	54.000	32.327	AV
3		*	2402.073	95.411	63.107	N/A	N/A	32.304	AV

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

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

Site: AC1	Time: 2019/01/17 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: 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		*	2480.090	98.208	65.882	N/A	N/A	32.325	PK
2			2483.500	56.906	24.567	-17.094	74.000	32.340	PK
3			2490.870	59.502	27.134	-14.498	74.000	32.368	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2480MHz	

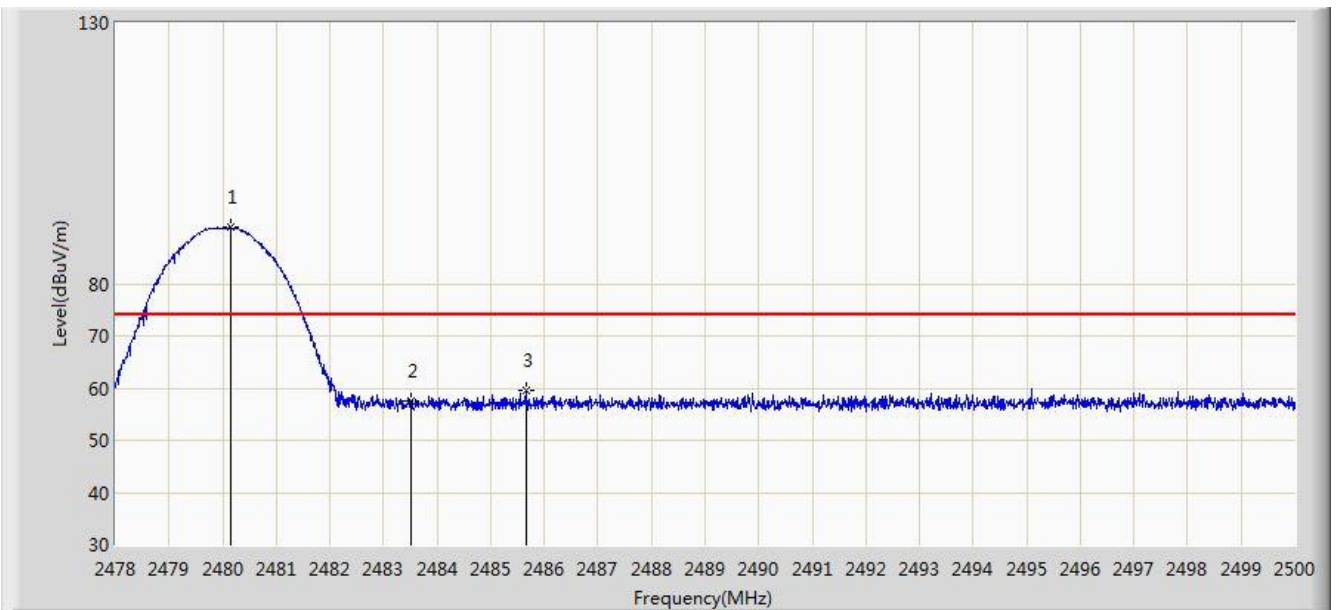


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.211	96.337	64.011	N/A	N/A	32.327	AV
2			2483.500	42.294	9.955	-11.706	54.000	32.340	AV
3			2491.365	43.252	10.882	-10.748	54.000	32.370	AV

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

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

Site: AC1	Time: 2019/01/17 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2480MHz	



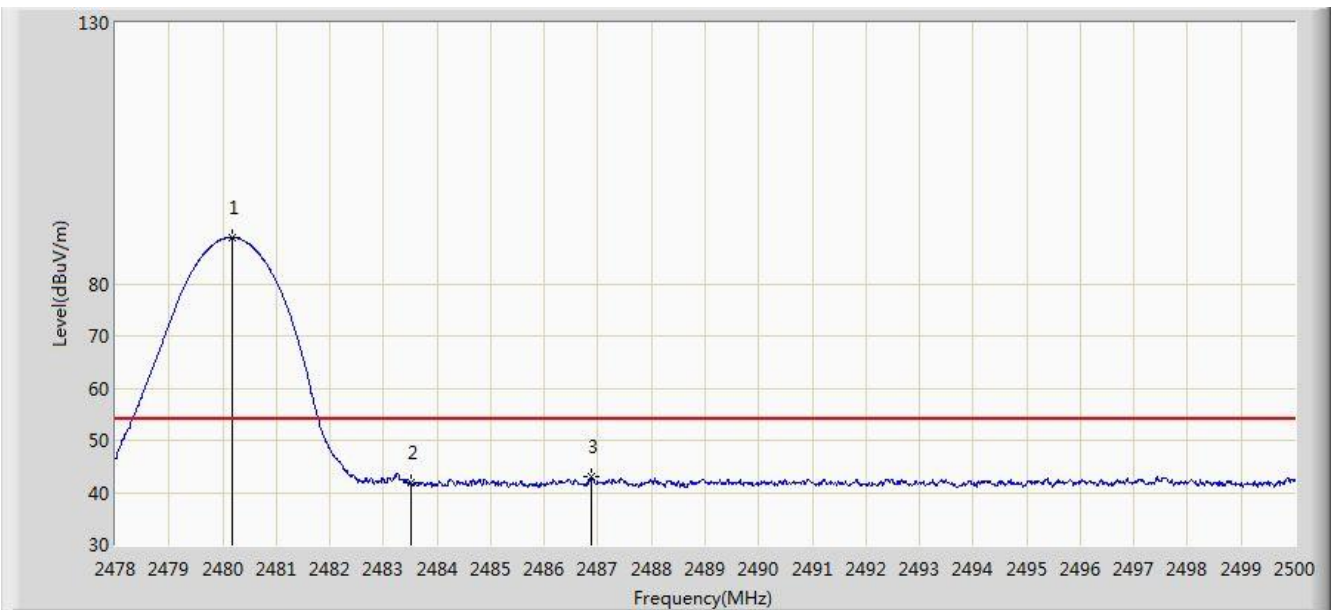
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.145	90.857	58.531	N/A	N/A	32.326	PK
2			2483.500	57.438	25.099	-16.562	74.000	32.340	PK
3			2485.656	59.480	27.132	-14.520	74.000	32.348	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



Site: AC1	Time: 2019/01/17 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 2DH5 at channel 2480MHz	

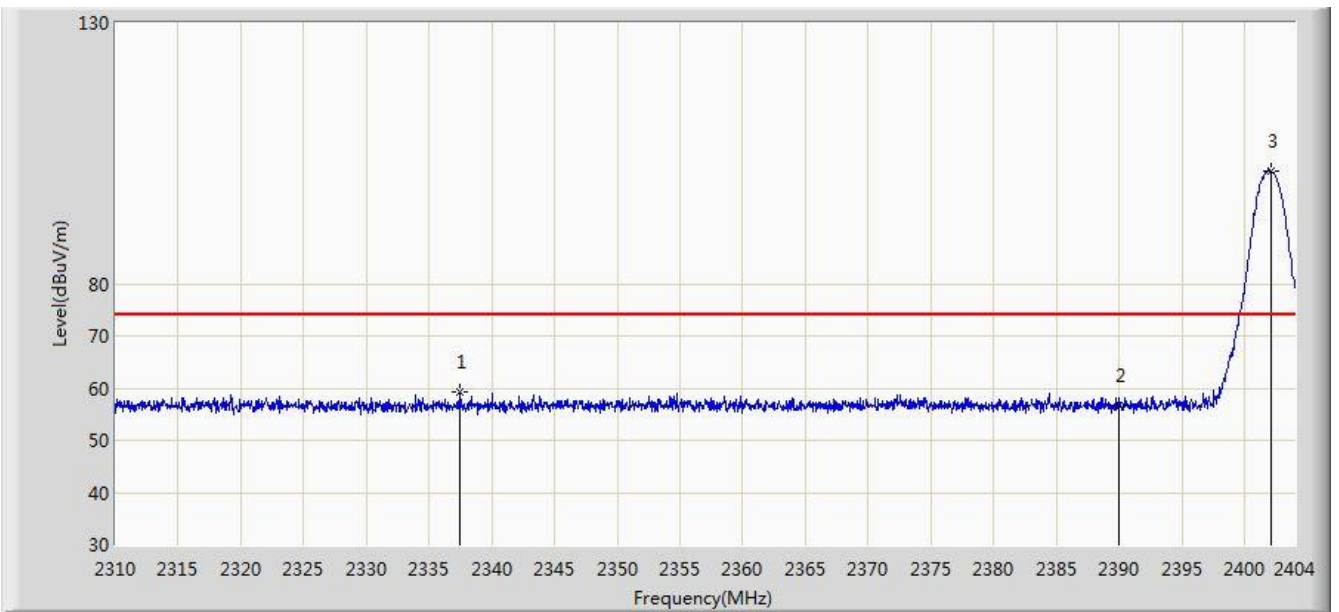


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.178	88.854	56.528	N/A	N/A	32.326	AV
2			2483.500	41.771	9.432	-12.229	54.000	32.340	AV
3			2486.888	43.000	10.648	-11.000	54.000	32.353	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2402MHz	

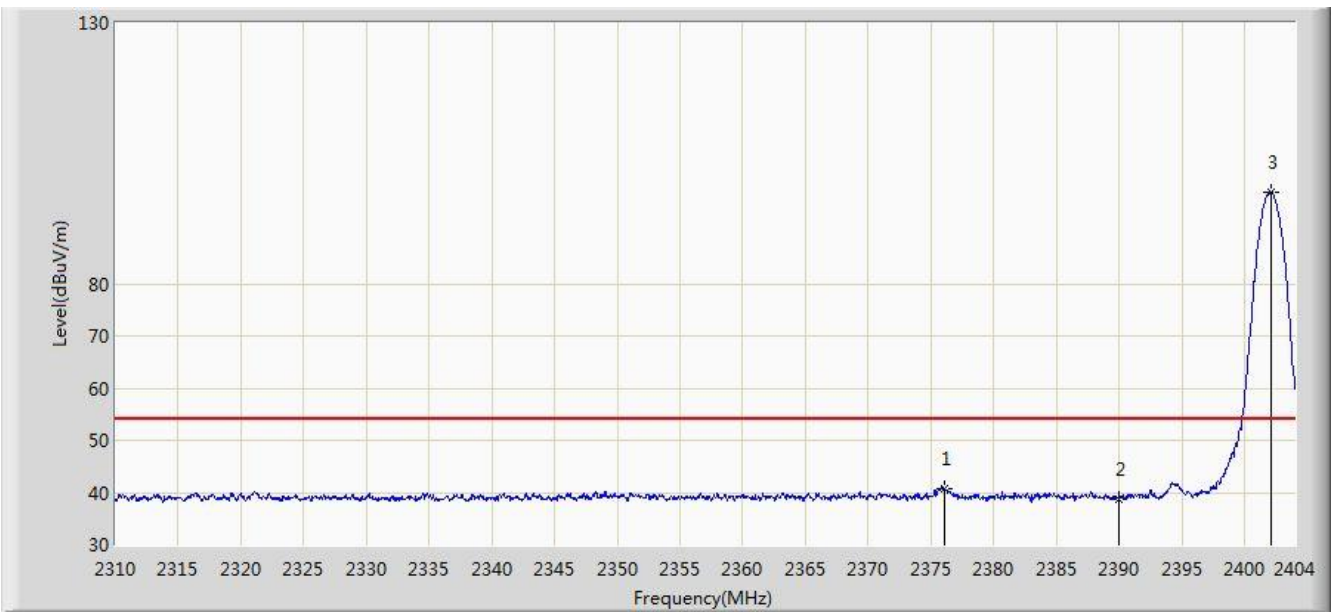


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2337.448	59.174	26.732	-14.826	74.000	32.441	PK
2			2390.000	56.761	24.434	-17.239	74.000	32.327	PK
3		*	2402.073	101.597	69.293	N/A	N/A	32.304	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2402MHz	

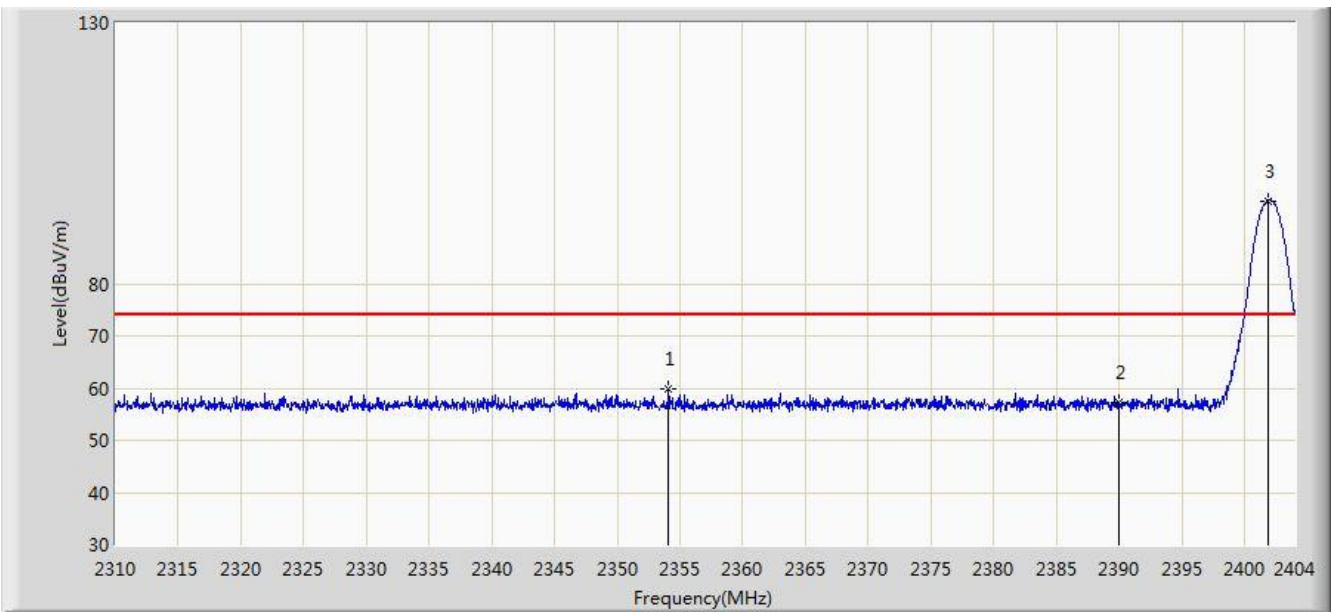


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.035	40.727	8.381	-13.273	54.000	32.346	AV
2			2390.000	38.825	6.498	-15.175	54.000	32.327	AV
3		*	2402.073	97.647	65.343	N/A	N/A	32.304	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2402MHz	

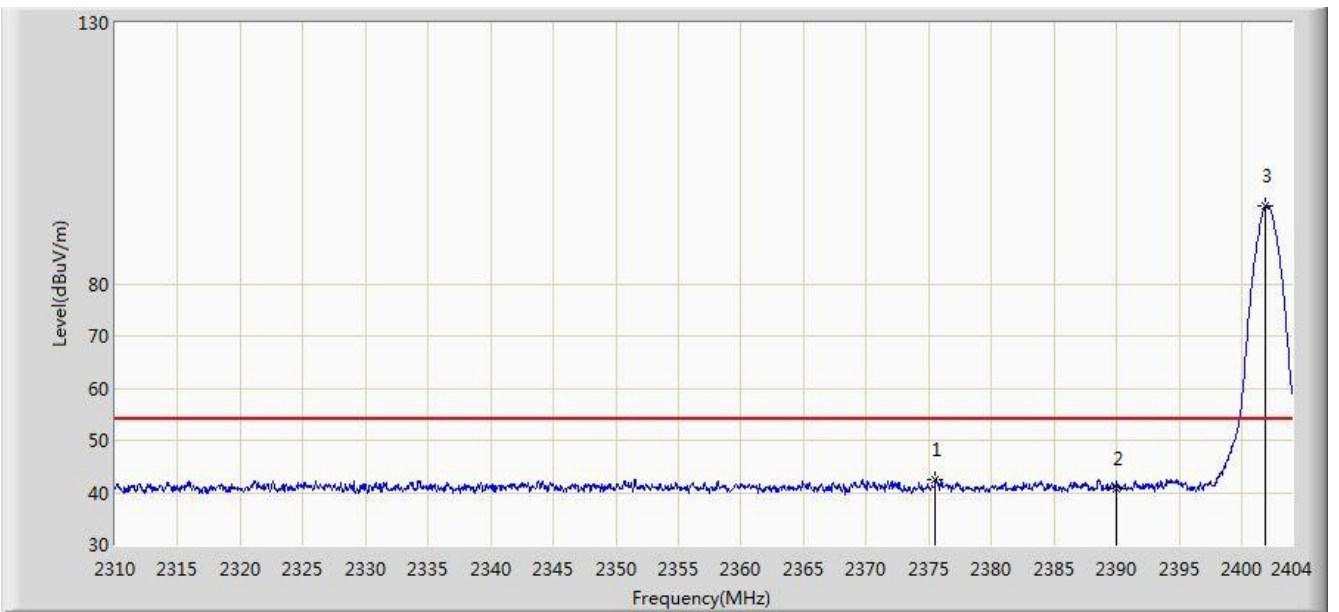


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.086	59.723	27.334	-14.277	74.000	32.389	PK
2			2390.000	57.153	24.826	-16.847	74.000	32.327	PK
3		*	2401.885	95.935	63.630	N/A	N/A	32.305	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2402MHz	

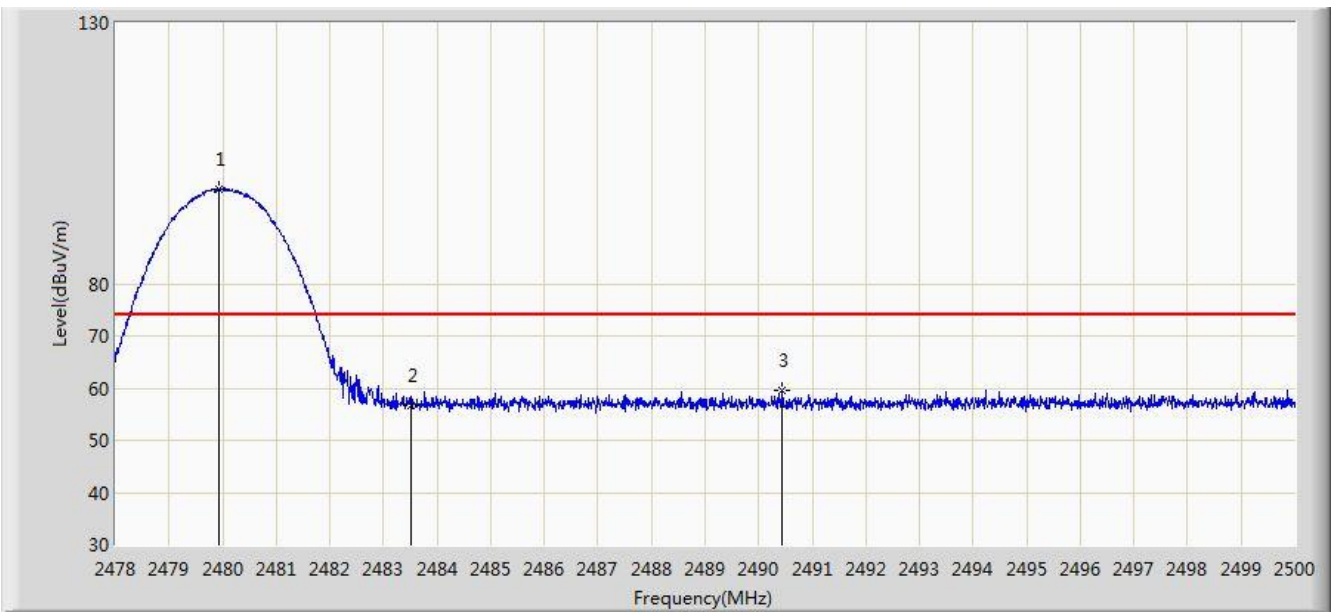


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.518	42.394	10.047	-11.606	54.000	32.347	AV
2			2390.000	40.740	8.413	-13.260	54.000	32.327	AV
3		*	2401.932	94.809	62.504	N/A	N/A	32.305	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

Site: AC1	Time: 2019/01/17 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: 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		*	2479.936	98.238	65.913	N/A	N/A	32.325	PK
2			2483.500	56.544	24.205	-17.456	74.000	32.340	PK
3			2490.441	59.471	27.105	-14.529	74.000	32.366	PK

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

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

Site: AC1	Time: 2019/01/17 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2480MHz	

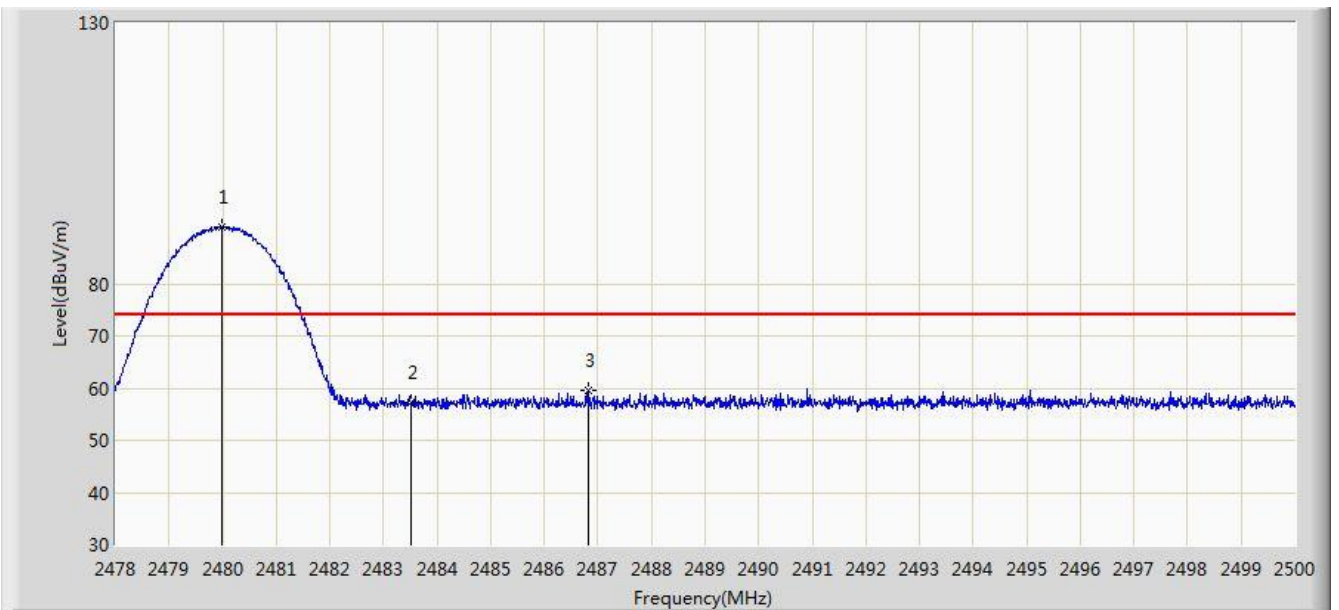


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	95.138	62.812	N/A	N/A	32.325	AV
2			2483.500	42.827	10.488	-11.173	54.000	32.340	AV
3			2485.227	42.921	10.575	-11.079	54.000	32.346	AV

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

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

Site: AC1	Time: 2019/01/17 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: Transmit by 3DH5 at channel 2480MHz	



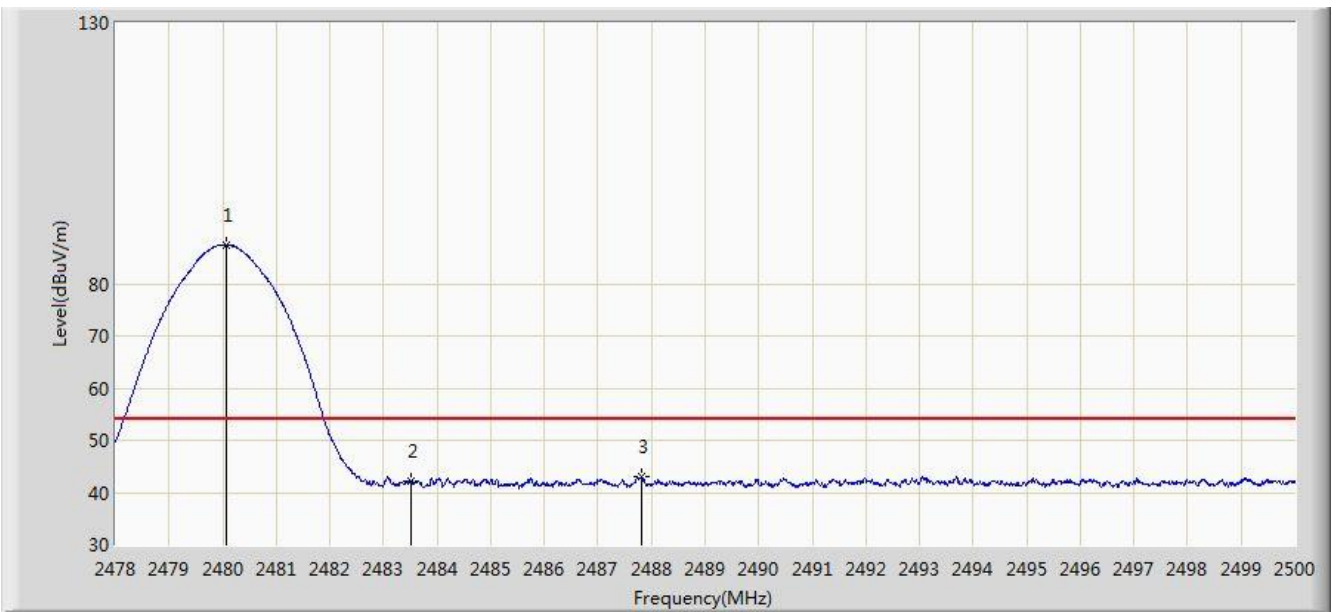
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.980	90.762	58.437	N/A	N/A	32.325	PK
2			2483.500	57.274	24.935	-16.726	74.000	32.340	PK
3			2486.811	59.476	27.124	-14.524	74.000	32.353	PK

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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



Site: AC1	Time: 2019/01/17 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Earphone	Power: By Battery
Note: 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		*	2480.079	87.479	55.153	N/A	N/A	32.325	AV
2			2483.500	42.049	9.710	-11.951	54.000	32.340	AV
3			2487.812	42.940	10.584	-11.060	54.000	32.356	AV

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)

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

## 7.11. AC Conducted Emissions Measurement

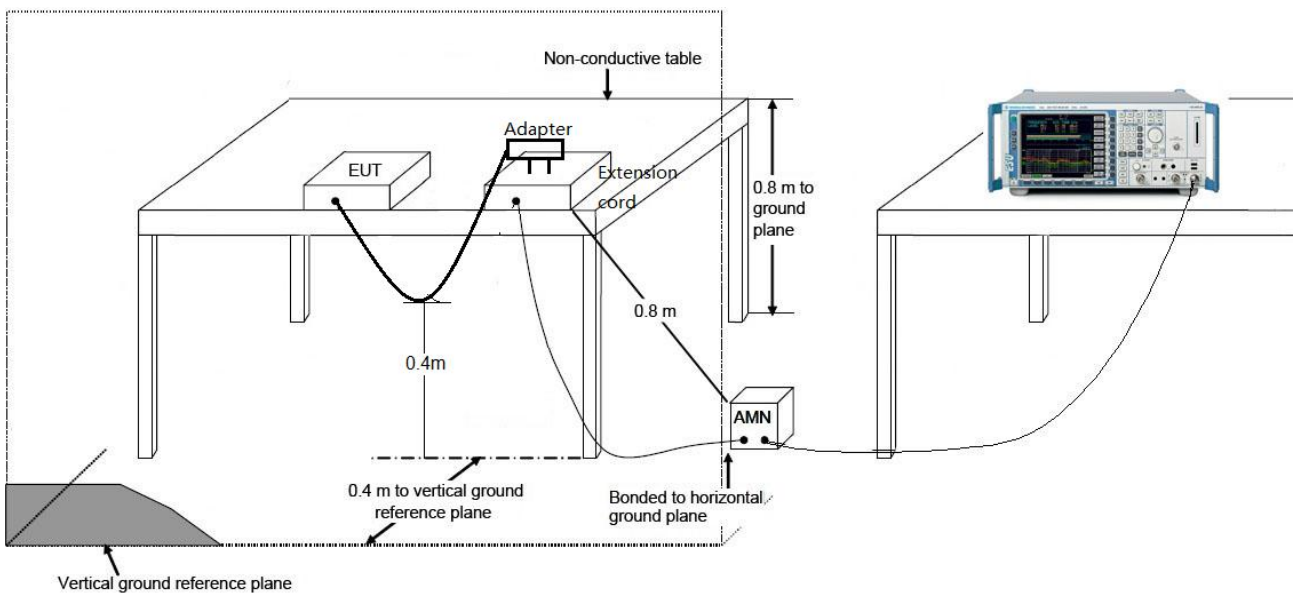
### 7.11.1. Test Limit

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

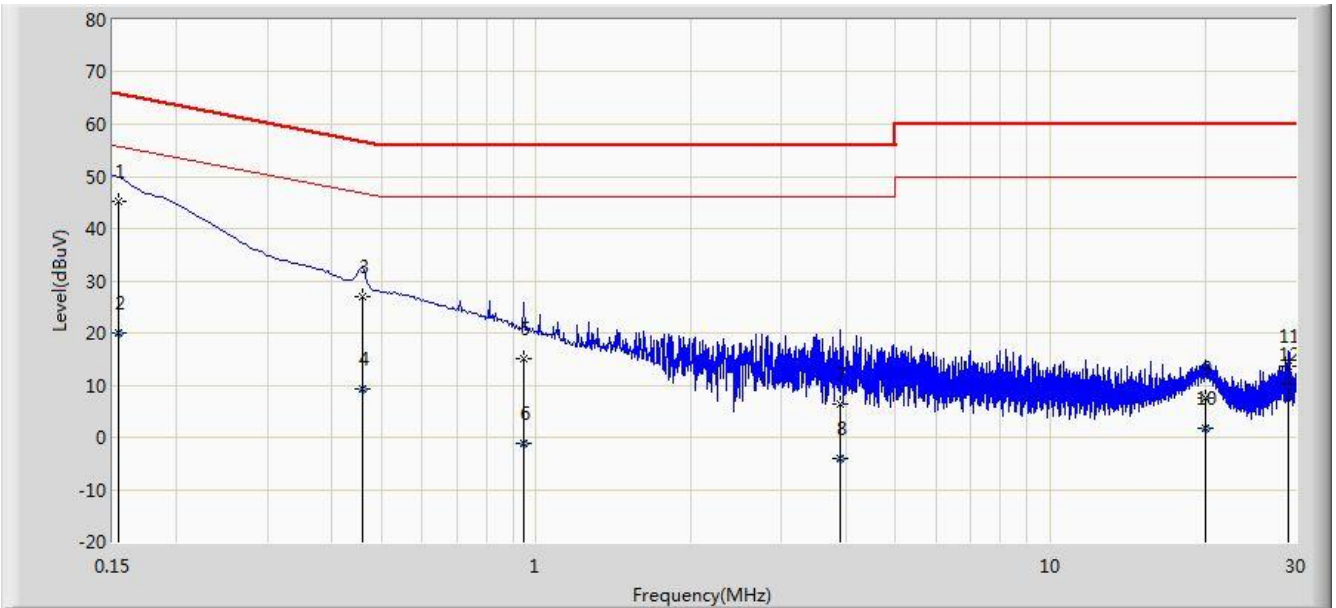
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 7.11.2. Test Setup



**7.11.3. Test Result**

Site: SR2	Time: 2019/01/21 - 23:44
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Max Wang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wireless Earphone	Power: AC 120V/60Hz
Test Mode 1	

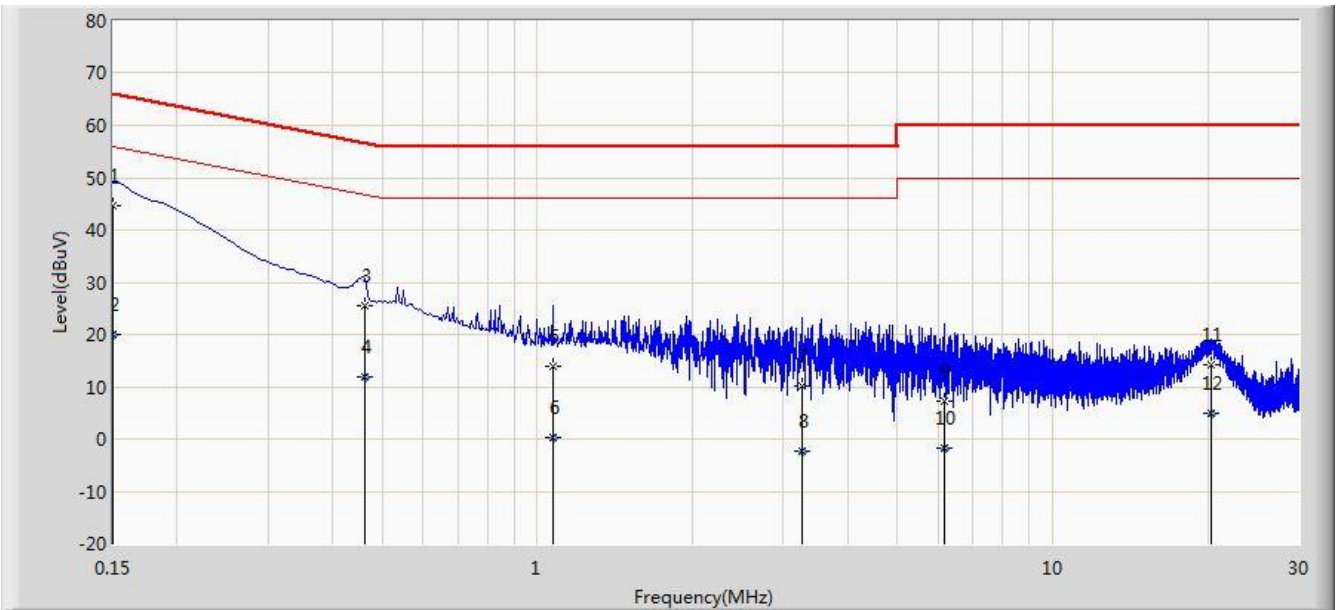


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	45.173	34.433	-20.609	65.781	10.740	QP
2			0.154	19.874	9.134	-35.908	55.781	10.740	AV
3			0.458	27.088	16.956	-29.641	56.729	10.133	QP
4			0.458	9.223	-0.910	-37.506	46.729	10.133	AV
5			0.946	14.952	5.016	-41.048	56.000	9.936	QP
6			0.946	-1.214	-11.149	-47.214	46.000	9.936	AV
7			3.902	6.372	-3.586	-49.628	56.000	9.958	QP
8			3.902	-4.069	-14.027	-50.069	46.000	9.958	AV
9			20.062	7.519	-2.620	-52.481	60.000	10.139	QP
10			20.062	1.735	-8.404	-48.265	50.000	10.139	AV
11			29.114	13.576	3.327	-46.424	60.000	10.250	QP
12			29.114	10.275	0.025	-39.725	50.000	10.250	AV

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

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

Site: SR2	Time: 2019/01/21 - 23:51
Limit: FCC_Part15.107_CE_AC Power_ClassB	Engineer: Max Wang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wireless Earphone	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	44.651	33.509	-21.349	66.000	11.142	QP
2			0.150	20.071	8.928	-35.929	56.000	11.142	AV
3			0.462	25.531	15.373	-31.125	56.657	10.159	QP
4			0.462	11.791	1.633	-34.865	46.657	10.159	AV
5			1.070	14.034	4.128	-41.966	56.000	9.906	QP
6			1.070	0.333	-9.573	-45.667	46.000	9.906	AV
7			3.266	10.177	0.289	-45.823	56.000	9.888	QP
8			3.266	-2.412	-12.300	-48.412	46.000	9.888	AV
9			6.146	7.201	-2.925	-52.799	60.000	10.126	QP
10			6.146	-1.684	-11.810	-51.684	50.000	10.126	AV
11			20.238	14.274	4.101	-45.726	60.000	10.172	QP
12			20.238	5.059	-5.113	-44.941	50.000	10.172	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 Earphone** is in compliance with Part 15C of the FCC rules.

## Appendix A - Test Setup Photograph

Refer to "1901RSU027-UT" file.

## Appendix B - EUT Photograph

Refer to "1901RSU027-UE" file.

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The End