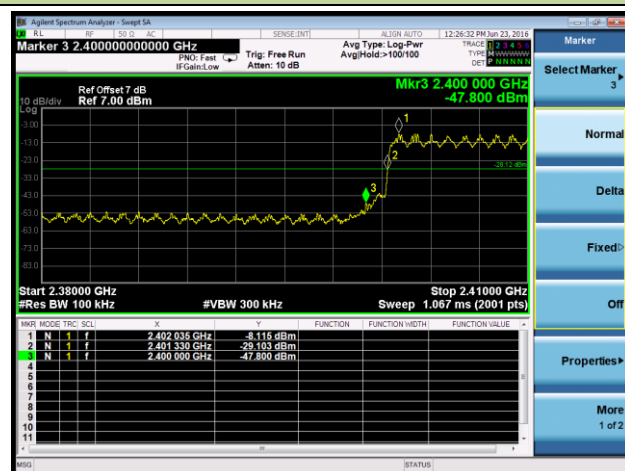
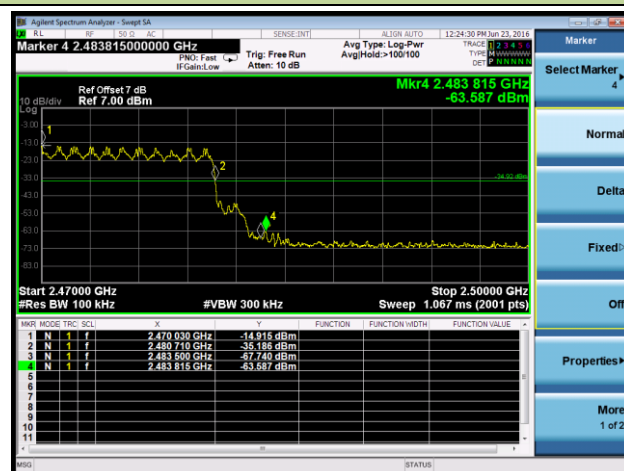


2DH5 Operation Frequency Range of 20dB Bandwidth within Hopping Mode

Channel 00 (2402MHz)

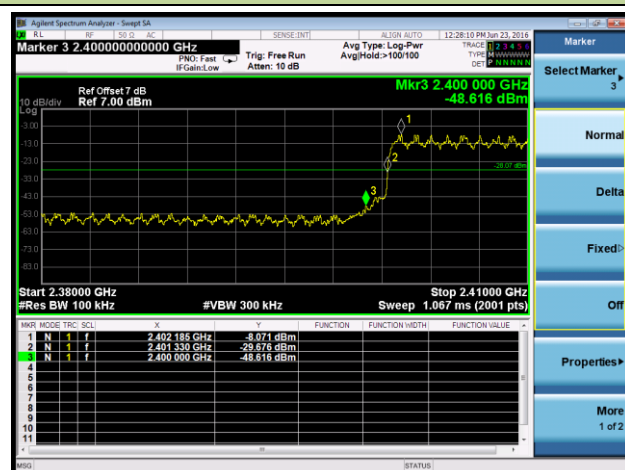


Channel 78 (2480MHz)

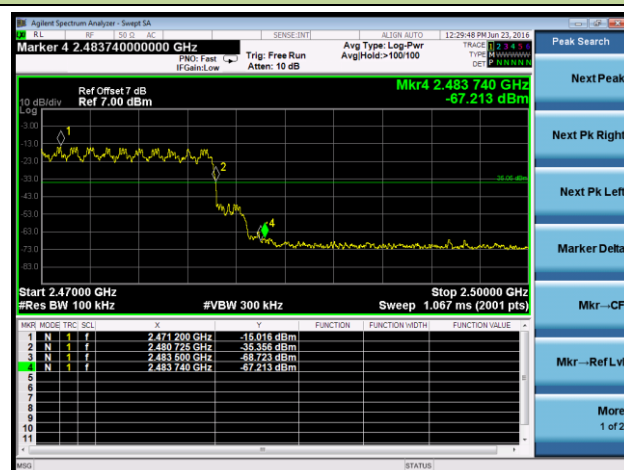


3DH5 Operation Frequency Range of 20dB Bandwidth within Hopping Mode

Channel 00 (2402MHz)



Channel 78 (2480MHz)



7.8. Conducted Spurious Emissions Measurement

7.8.1. Test Limit

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

7.8.2. Test Procedure Used

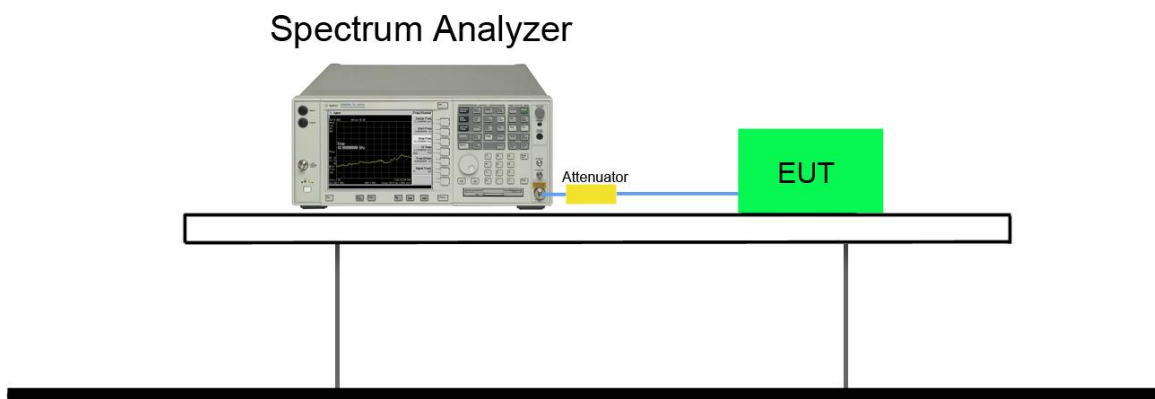
ANSI C63.10-2013 - Section 7.8.8

7.8.3. Test Setting

1. Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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

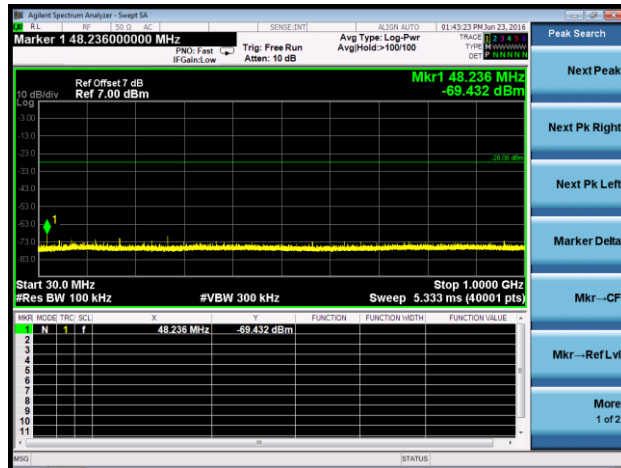
Product	In-ear Bluetooth	Temperature	24°C
Test Engineer	Milo Li	Relative Humidity	52%
Test Site	TR3	Test Date	2016/06/23
Test Item	Conducted Spurious Emissions		

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

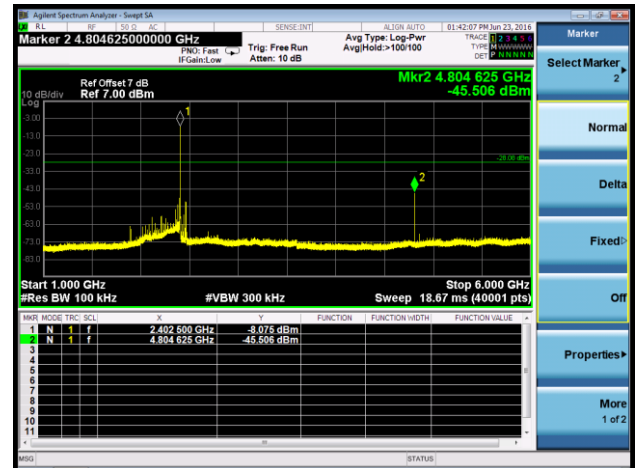
DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)

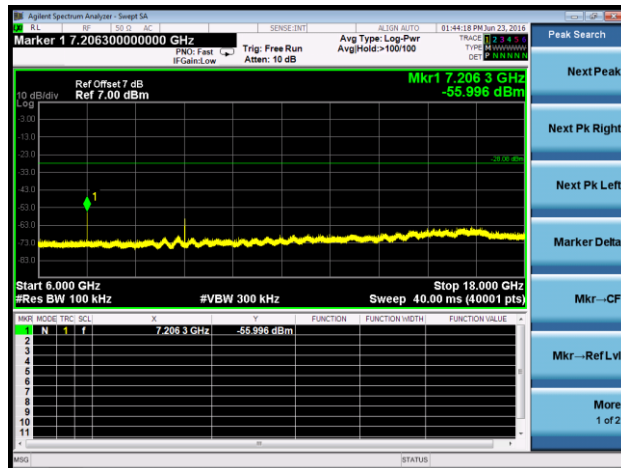
30 - 1000MHz



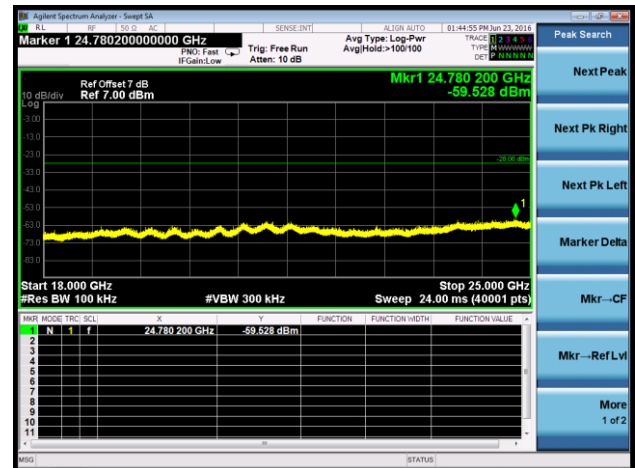
1 - 6GHz



6 - 18GHz

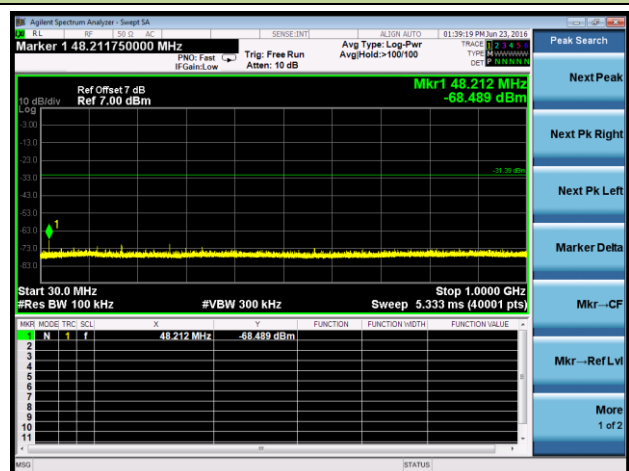


18 - 25GHz

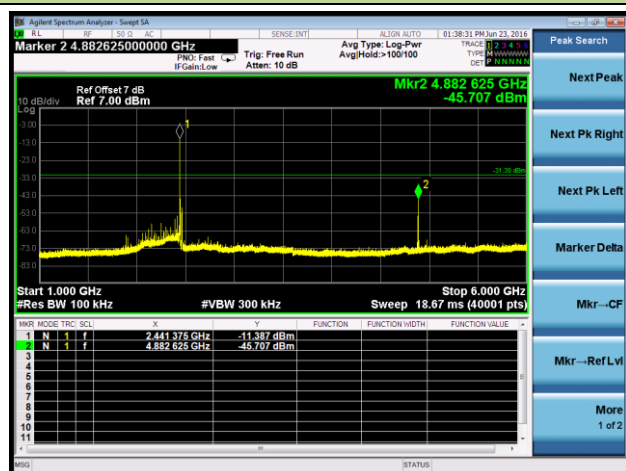


Channel 39 (2441MHz)

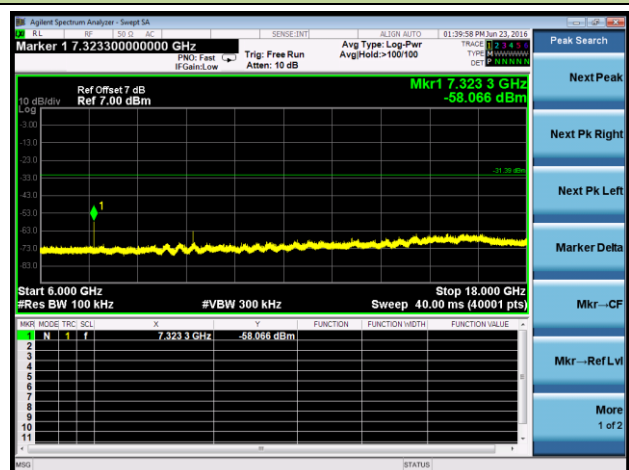
30 - 1000MHz



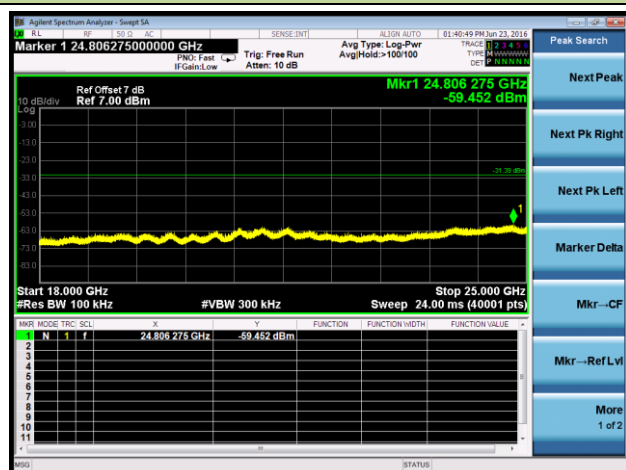
1 - 6GHz



6 - 18GHz

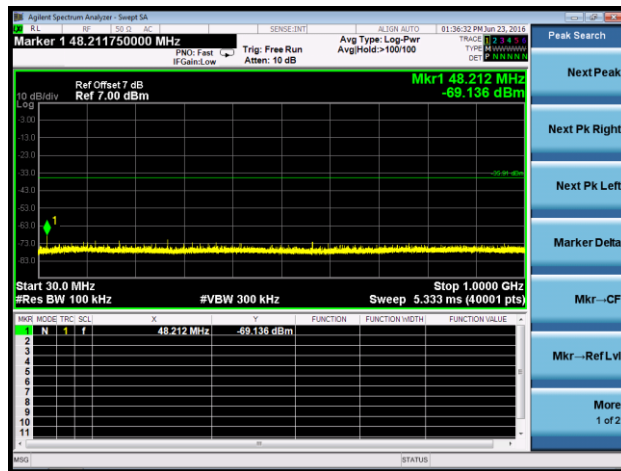


18 - 25GHz

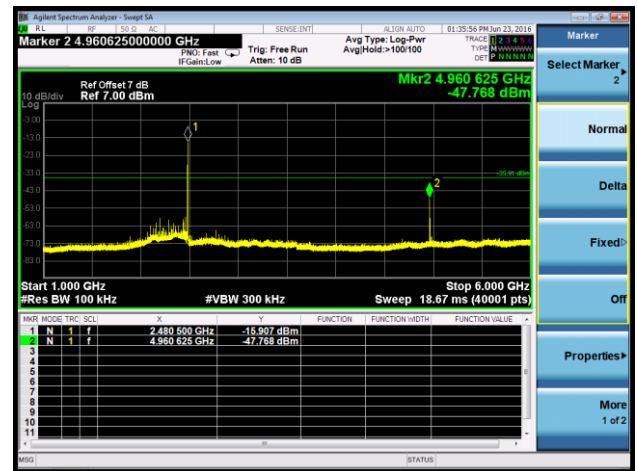


Channel 78 (2480MHz)

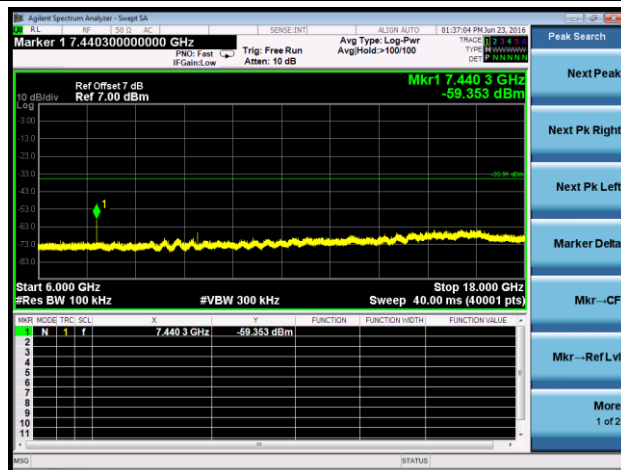
30 - 1000MHz



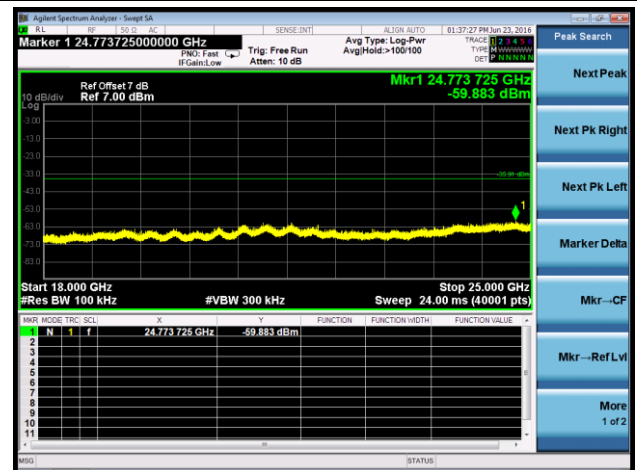
1 - 6GHz



6 - 18GHz



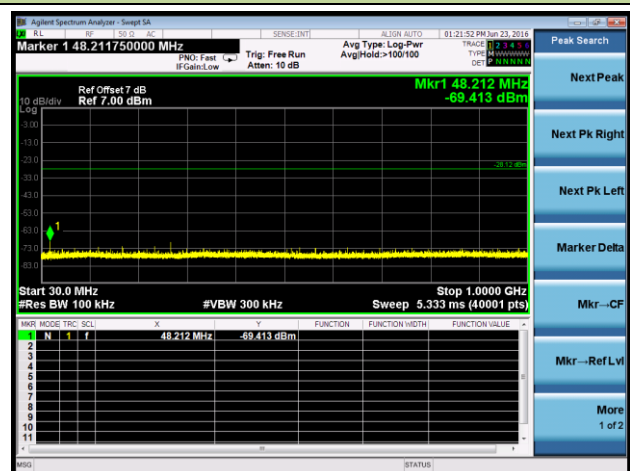
18 - 25GHz



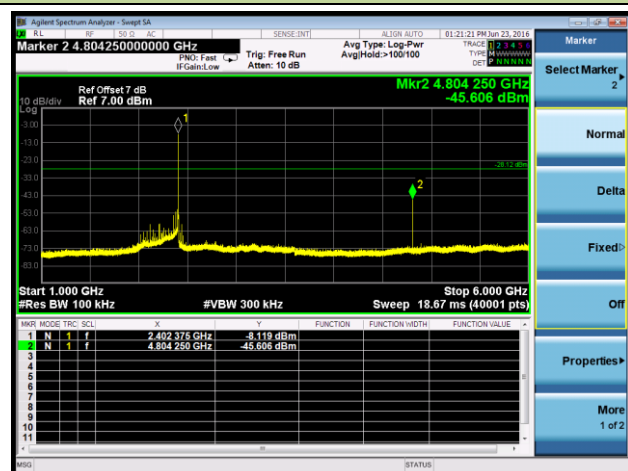
2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)

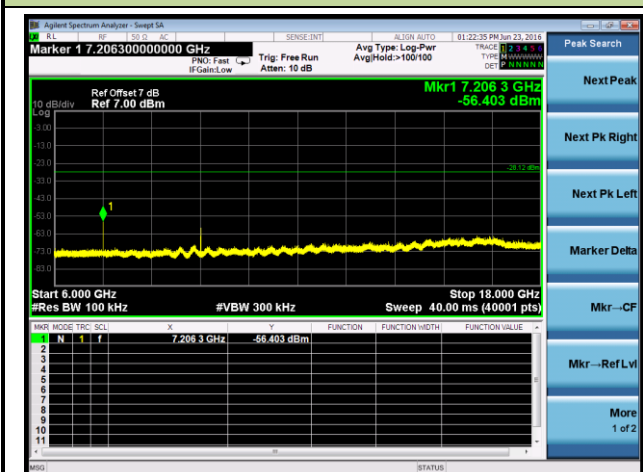
30 - 1000MHz



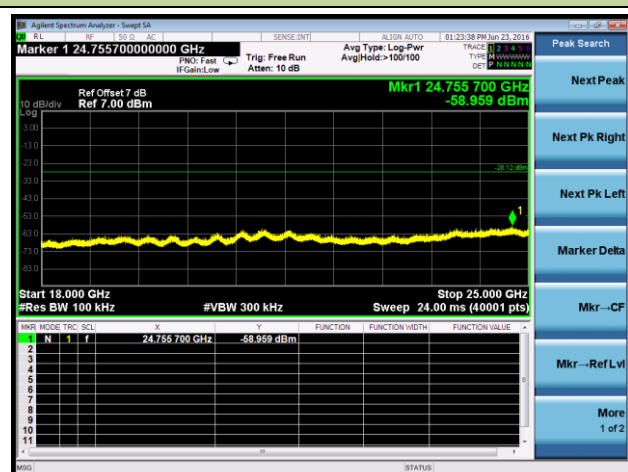
1 - 6GHz



6 - 18GHz

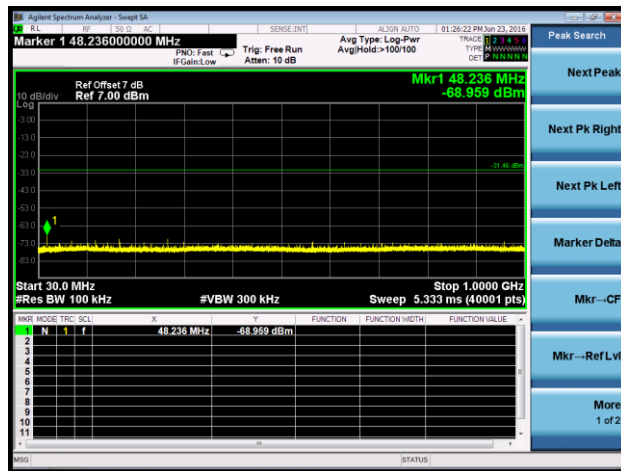


18 - 25GHz

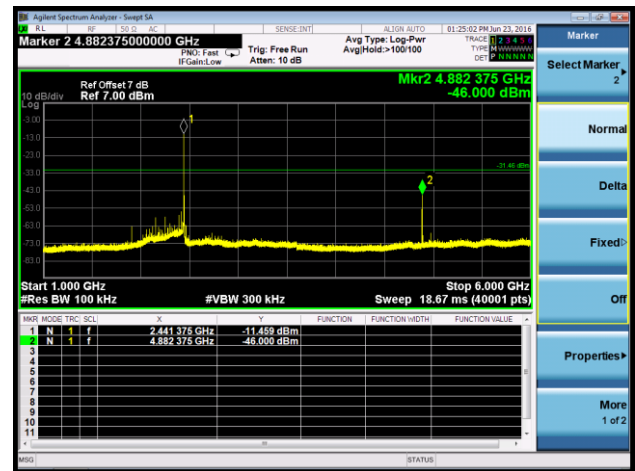


Channel 39 (2441MHz)

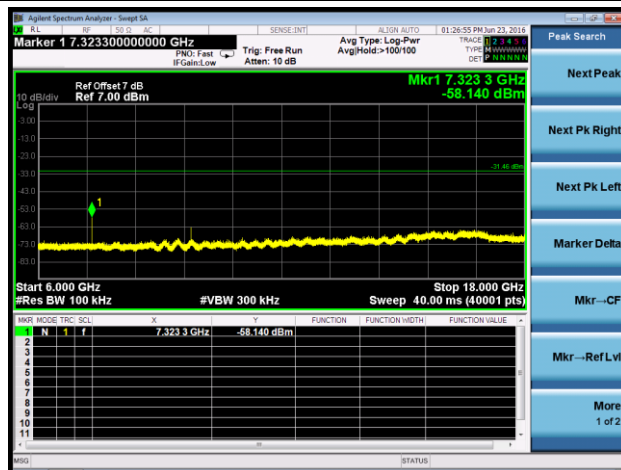
30 - 1000MHz



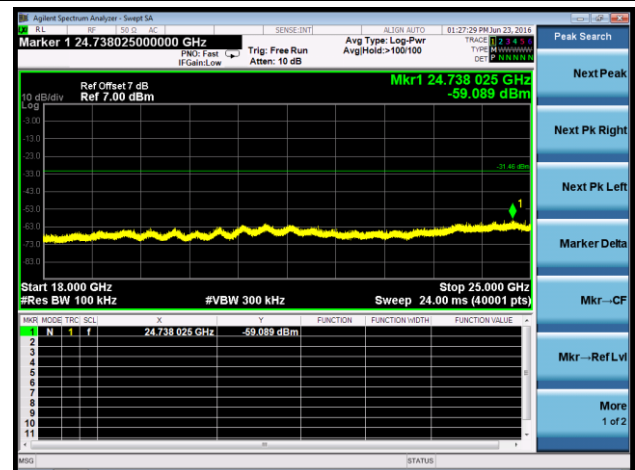
1 - 6GHz



6 - 18GHz

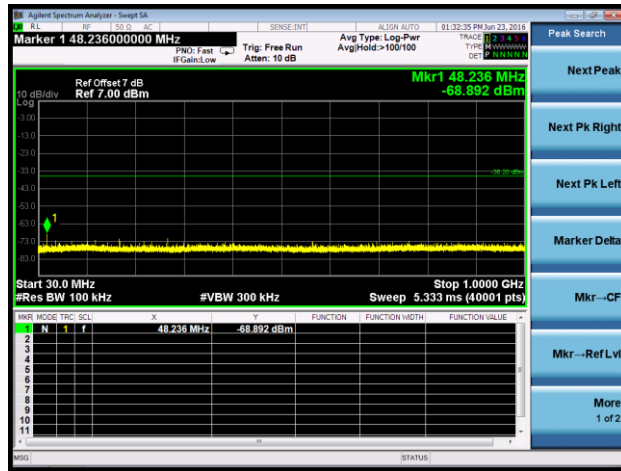


18 - 25GHz

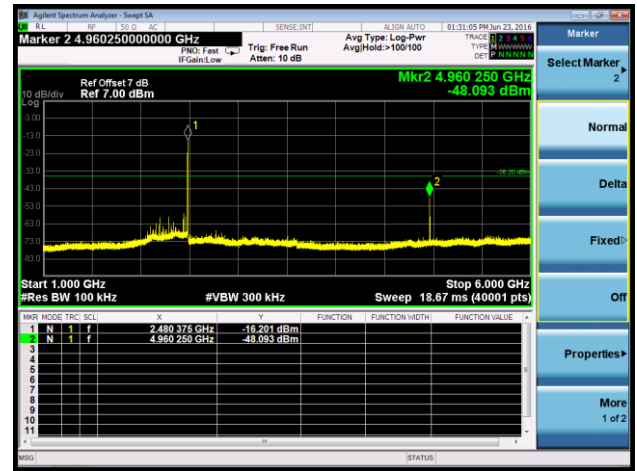


Channel 78 (2480MHz)

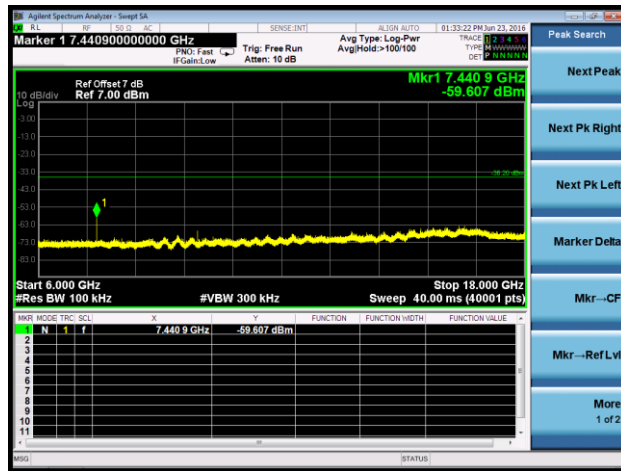
30 - 1000MHz



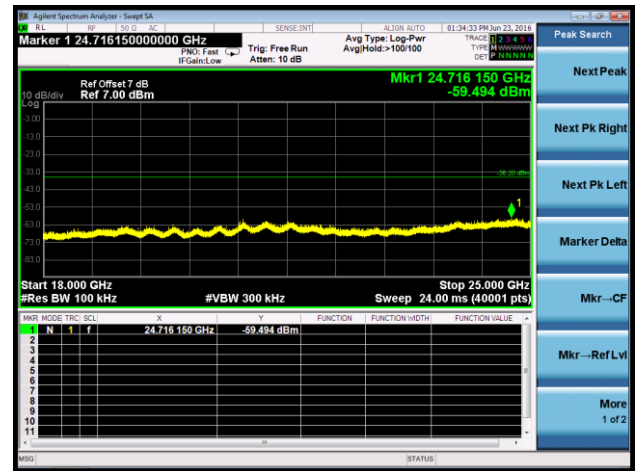
1 - 6GHz



6 - 18GHz



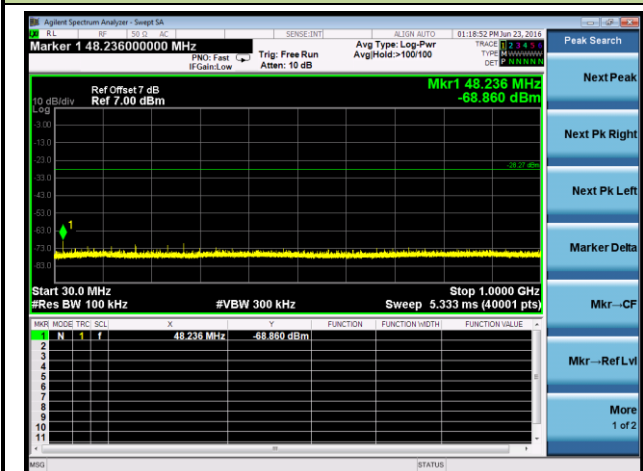
18 - 25GHz



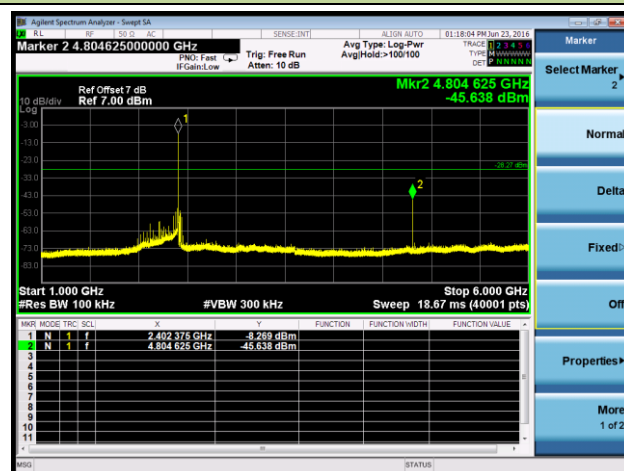
3DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)

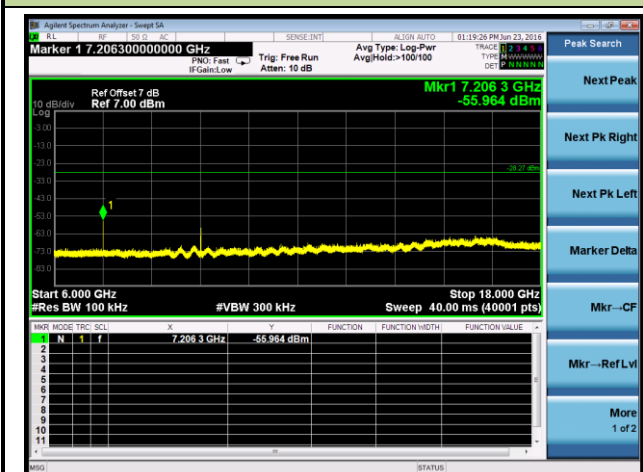
30 - 1000MHz



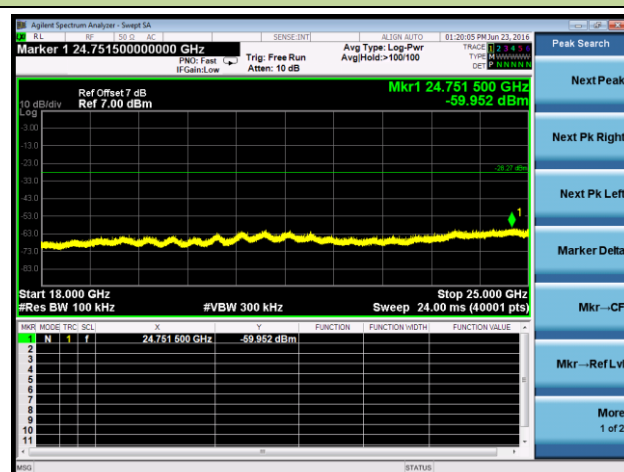
1 - 6GHz



6 - 18GHz

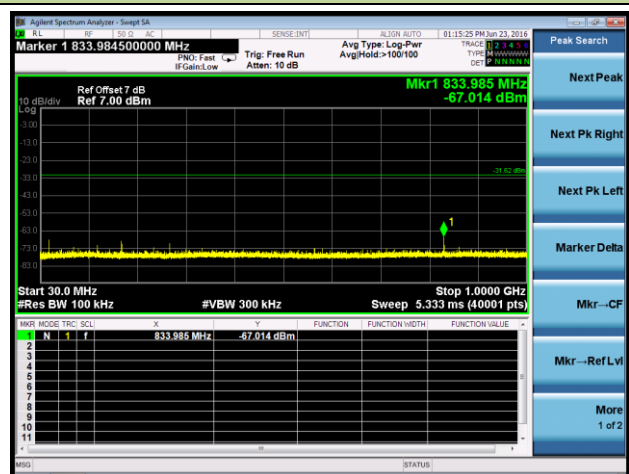


18 - 25GHz

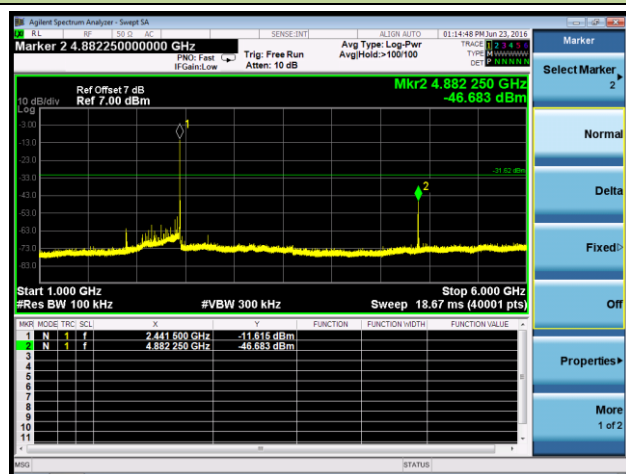


Channel 39 (2441MHz)

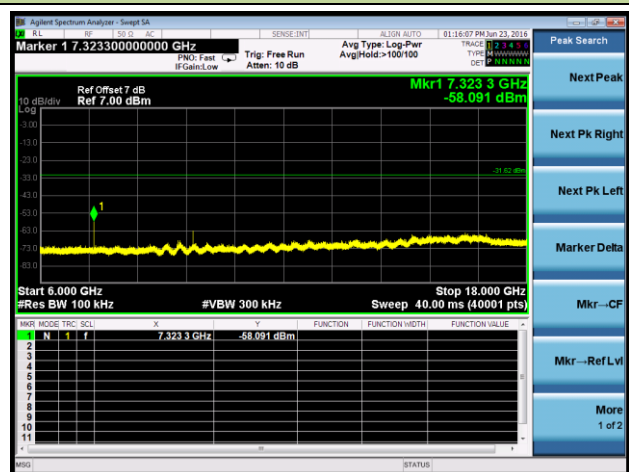
30 - 1000MHz



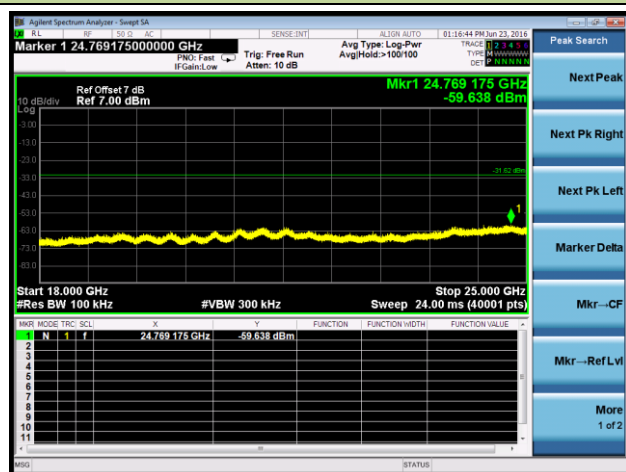
1 - 6GHz



6 - 18GHz

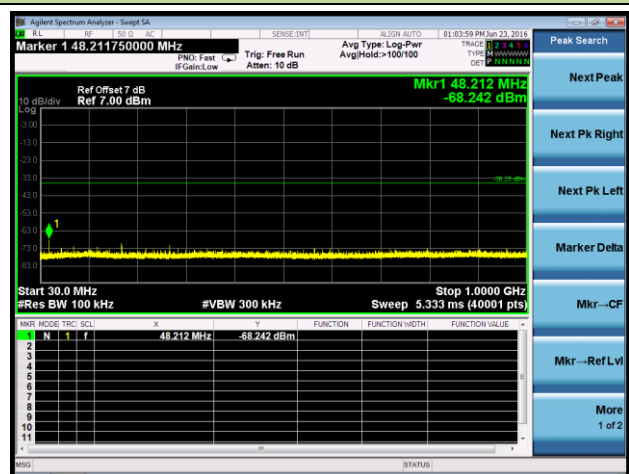


18 - 25GHz

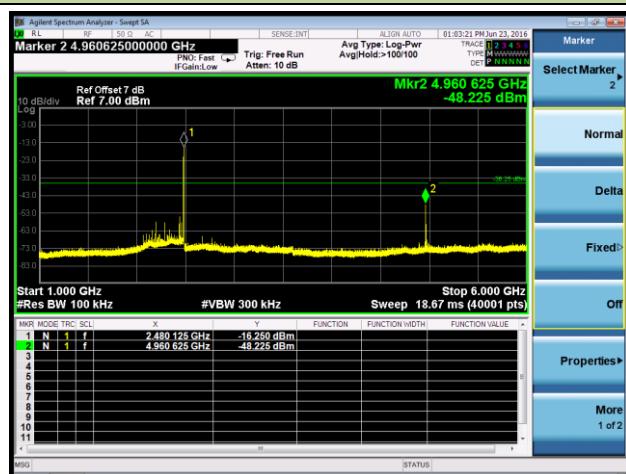


Channel 78 (2480MHz)

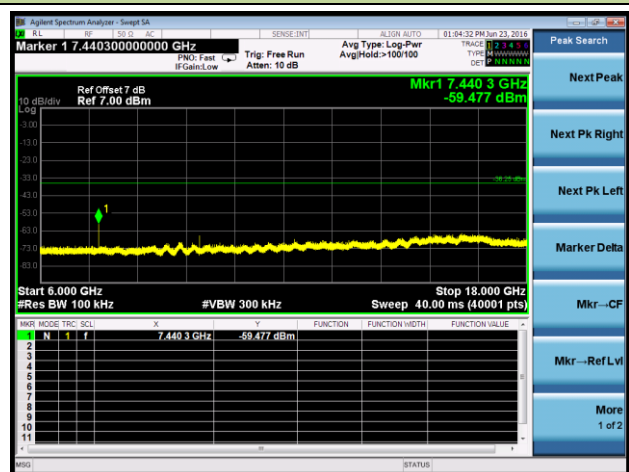
30 - 1000MHz



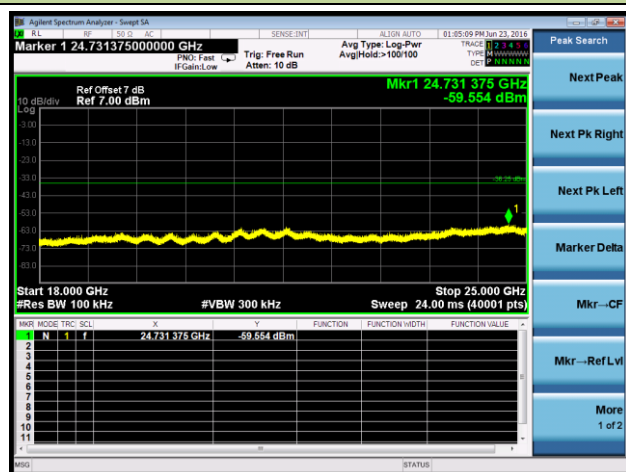
1 - 6GHz



6 - 18GHz



18 - 25GHz



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 C63.10-2013 - Section 6.10.5

7.9.3. Test Setting

Peak Field Strength Measurements

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

Table 1 - RBW as a function of frequency

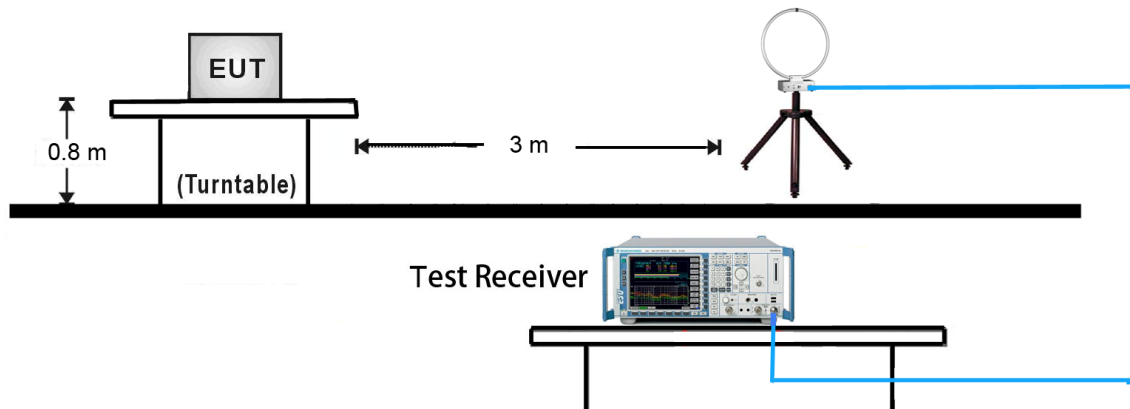
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

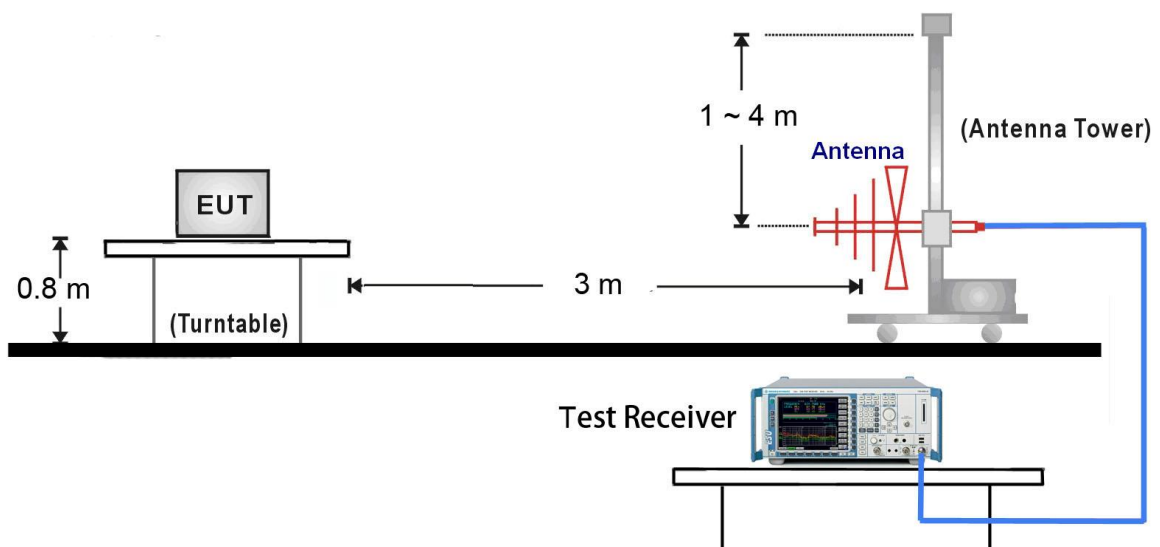
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.9.4. Test Setup

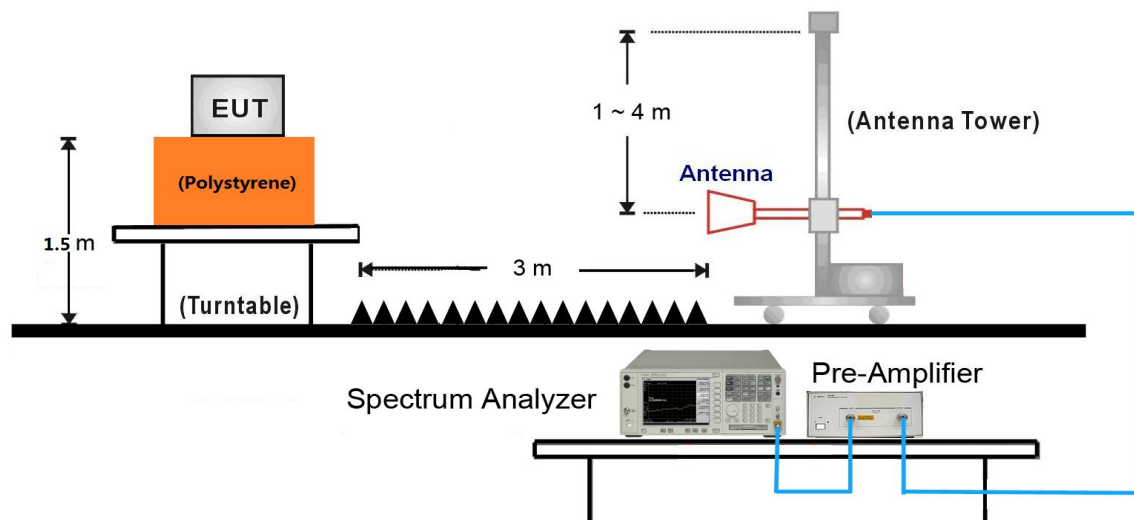
9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



1GHz ~ 25GHz Test Setup:



7.9.5. Test Result

Test Mode:	DH5	Test Site:	AC2
Test Channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	51.7	2.7	54.4	74.0	-19.6	Peak	Horizontal
	4808.0	50.3	2.7	53.0	54.0	-1.0	Average	Horizontal
	7332.5	34.6	10.7	45.3	74.0	-28.7	Peak	Horizontal
*	8735.0	34.5	11.6	46.1	74.0	-27.9	Peak	Horizontal
*	9610.5	35.1	12.5	47.6	74.0	-26.4	Peak	Horizontal
	4808.0	46.3	2.7	49.0	74.0	-25.0	Peak	Vertical
	7290.0	35.4	10.7	46.1	74.0	-27.9	Peak	Vertical
*	8752.0	34.7	11.6	46.3	74.0	-27.7	Peak	Vertical
*	9874.0	34.4	13.4	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.9dBμV/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)

Test Mode:	DH5	Test Site:	AC2
Test Channel:	39	Test Engineer:	Lewis Huang
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	49.9	2.7	52.6	74.0	-21.4	Peak	Horizontal
	7298.5	34.8	10.7	45.5	74.0	-28.5	Peak	Horizontal
*	8794.5	34.3	11.8	46.1	74.0	-27.9	Peak	Horizontal
*	9772.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	4884.5	45.2	2.7	47.9	74.0	-26.1	Peak	Vertical
	7477.0	34.6	10.8	45.4	74.0	-28.6	Peak	Vertical
*	8854.0	34.5	11.7	46.2	74.0	-27.8	Peak	Vertical
*	9534.0	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.4dBμV/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)

Test Mode:	DH5	Test Site:	AC2
Test Channel:	79	Test Engineer:	Lewis Huang
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	49.1	2.7	51.8	74.0	-22.2	Peak	Horizontal
	7443.0	34.8	10.7	45.5	74.0	-28.5	Peak	Horizontal
*	8624.5	34.2	11.2	45.4	74.0	-28.6	Peak	Horizontal
*	9568.0	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
	4961.0	43.1	2.7	45.8	74.0	-28.2	Peak	Vertical
	7485.5	36.8	10.9	47.7	74.0	-26.3	Peak	Vertical
*	8752.0	34.2	11.6	45.8	74.0	-28.2	Peak	Vertical
*	9755.0	34.1	13.0	47.1	74.0	-26.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (81.7dBμV/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)

Test Mode:	2DH5	Test Site:	AC2
Test Channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	52.4	2.7	55.1	74.0	-18.9	Peak	Horizontal
	4808.0	45.2	2.7	47.9	54.0	-6.1	Average	Horizontal
	7349.5	34.8	10.7	45.5	74.0	-28.5	Peak	Horizontal
*	8752.0	33.4	11.6	45.0	74.0	-29.0	Peak	Horizontal
*	9228.0	33.8	13.1	46.9	74.0	-27.1	Peak	Horizontal
	4799.5	43.0	2.8	45.8	74.0	-28.2	Peak	Vertical
	7460.0	34.0	11.1	45.1	74.0	-28.9	Peak	Vertical
*	8735.0	34.0	11.6	45.6	74.0	-28.4	Peak	Vertical
*	9848.5	34.0	13.3	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.6dBμV/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)

Test Mode:	2DH5	Test Site:	AC2
Test Channel:	39	Test Engineer:	Lewis Huang
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	51.0	2.7	53.7	74.0	-20.3	Peak	Horizontal
	7417.5	35.3	10.8	46.1	74.0	-27.9	Peak	Horizontal
*	8624.5	34.9	11.2	46.1	74.0	-27.9	Peak	Horizontal
*	9534.0	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
	4884.5	47.5	2.7	50.2	74.0	-23.8	Peak	Vertical
	7307.0	34.7	10.7	45.4	74.0	-28.6	Peak	Vertical
*	8752.0	34.1	11.6	45.7	74.0	-28.3	Peak	Vertical
*	9763.5	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.5dBμV/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)

Test Mode:	2DH5	Test Site:	AC2
Test Channel:	79	Test Engineer:	Lewis Huang
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	49.8	2.7	52.5	74.0	-21.5	Peak	Horizontal
	7443.0	35.4	10.7	46.1	74.0	-27.9	Peak	Horizontal
*	8811.5	34.9	11.7	46.6	74.0	-27.4	Peak	Horizontal
*	9925.0	34.5	13.3	47.8	74.0	-26.2	Peak	Horizontal
	4961.0	45.7	2.7	48.4	74.0	-25.6	Peak	Vertical
	7434.5	34.7	10.7	45.4	74.0	-28.6	Peak	Vertical
*	8760.5	34.1	11.6	45.7	74.0	-28.3	Peak	Vertical
*	9840.0	33.7	13.5	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.0dBμV/m) or 15.209 which is higher.

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

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

Test Mode:	3DH5	Test Site:	AC2
Test Channel:	00	Test Engineer:	Lewis Huang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	52.5	2.7	55.2	74.0	-18.8	Peak	Horizontal
	4808.0	45.3	2.7	48.0	54.0	-6.0	Average	Horizontal
	7290.0	35.2	10.7	45.9	74.0	-28.1	Peak	Horizontal
*	8803.0	34.3	11.7	46.0	74.0	-28.0	Peak	Horizontal
*	9874.0	33.8	13.4	47.2	74.0	-26.8	Peak	Horizontal
	4799.5	49.4	2.8	52.2	74.0	-21.8	Peak	Vertical
	7502.5	35.3	11.0	46.3	74.0	-27.7	Peak	Vertical
*	8658.5	35.1	11.1	46.2	74.0	-27.8	Peak	Vertical
*	9746.5	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (83.1dBμV/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)

Test Mode:	3DH5	Test Site:	AC2
Test Channel:	39	Test Engineer:	Lewis Huang
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	50.5	2.7	53.2	74.0	-20.8	Peak	Horizontal
	7324.0	35.5	10.6	46.1	74.0	-27.9	Peak	Horizontal
*	8760.5	33.9	11.6	45.5	74.0	-28.5	Peak	Horizontal
*	9772.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
	4884.5	48.5	2.7	51.2	74.0	-22.8	Peak	Vertical
	7349.5	35.1	10.7	45.8	74.0	-28.2	Peak	Vertical
*	8616.0	34.6	11.2	45.8	74.0	-28.2	Peak	Vertical
*	9763.5	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (83.6dBμV/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)

Test Mode:	3DH5	Test Site:	AC2
Test Channel:	79	Test Engineer:	Lewis Huang
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	50.1	2.7	52.8	74.0	-21.2	Peak	Horizontal
	7443.0	34.4	10.7	45.1	74.0	-28.9	Peak	Horizontal
*	8786.0	34.9	11.8	46.7	74.0	-27.3	Peak	Horizontal
*	9925.0	34.5	13.3	47.8	74.0	-26.2	Peak	Horizontal
	4961.0	45.3	2.7	48.0	74.0	-26.0	Peak	Vertical
	7451.5	34.4	10.9	45.3	74.0	-28.7	Peak	Vertical
*	8811.5	34.3	11.7	46.0	74.0	-28.0	Peak	Vertical
*	9891.0	34.7	13.2	47.9	74.0	-26.1	Peak	Vertical

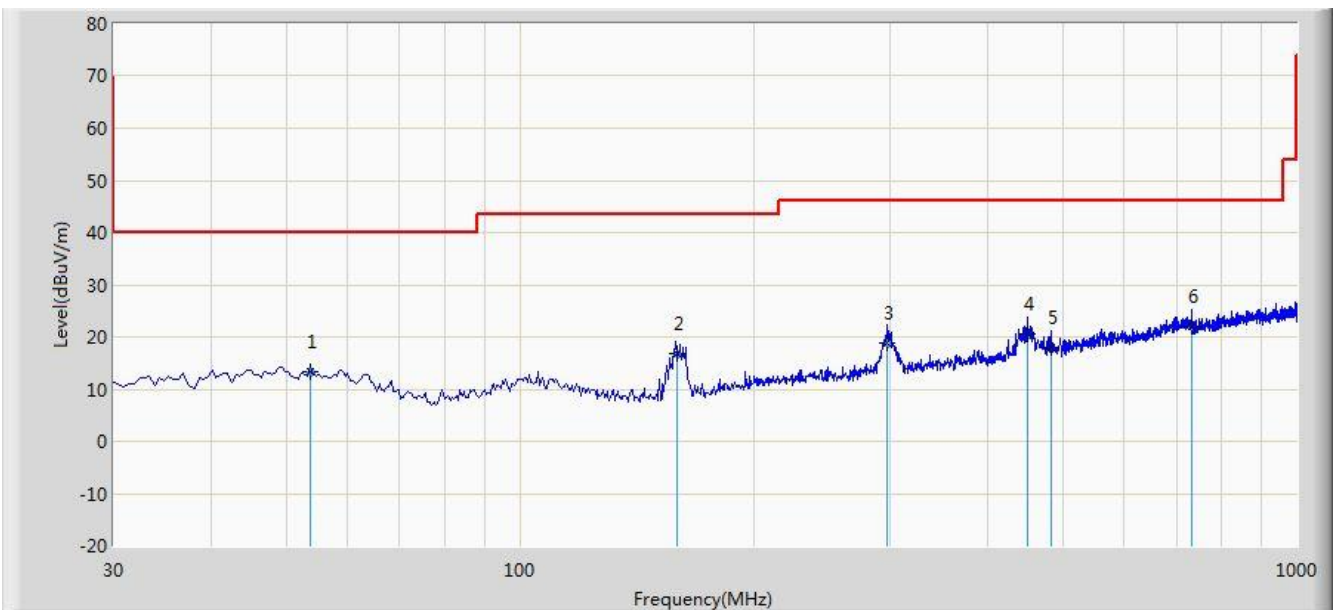
Note 1: "*" is not in restricted band, its limit is 20dBc of the fundamental emission level (82.4dBμV/m) or 15.209 which is higher.

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

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

The worst case of Radiated Emission 9KHz ~ 1GHz and 18GHz ~ 25GHz:

Site: AC2	Time: 2016/06/09 - 15:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Worst Case Mode: Transmit by DH5 at Channel 2402MHz	

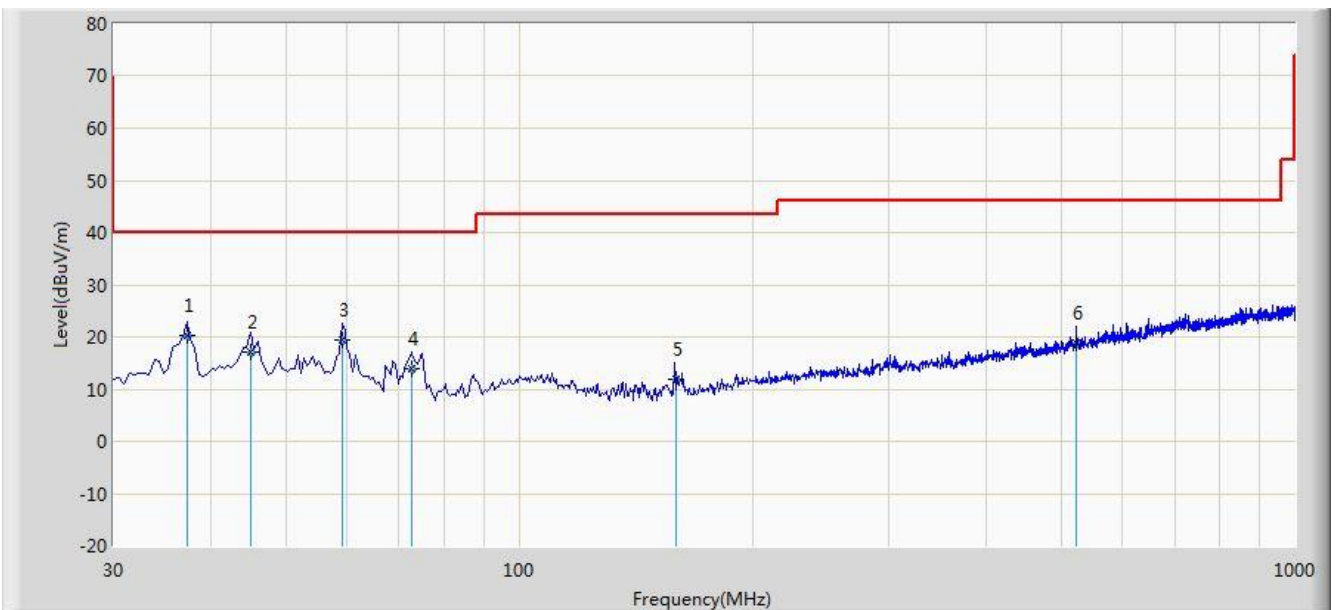


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			53.780	13.228	-1.630	-26.772	40.000	14.859	QP
2			159.020	16.887	7.080	-26.613	43.500	9.807	QP
3			297.270	18.832	4.320	-27.168	46.000	14.513	QP
4			450.010	20.569	3.140	-25.431	46.000	17.429	QP
5			482.060	17.828	-0.210	-28.172	46.000	18.037	QP
6		*	732.780	22.095	0.040	-23.905	46.000	22.055	QP

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

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

Site: AC2	Time: 2016/06/09 - 15:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Worst Case Mode: Transmit by DH5 at Channel 2402MHz	

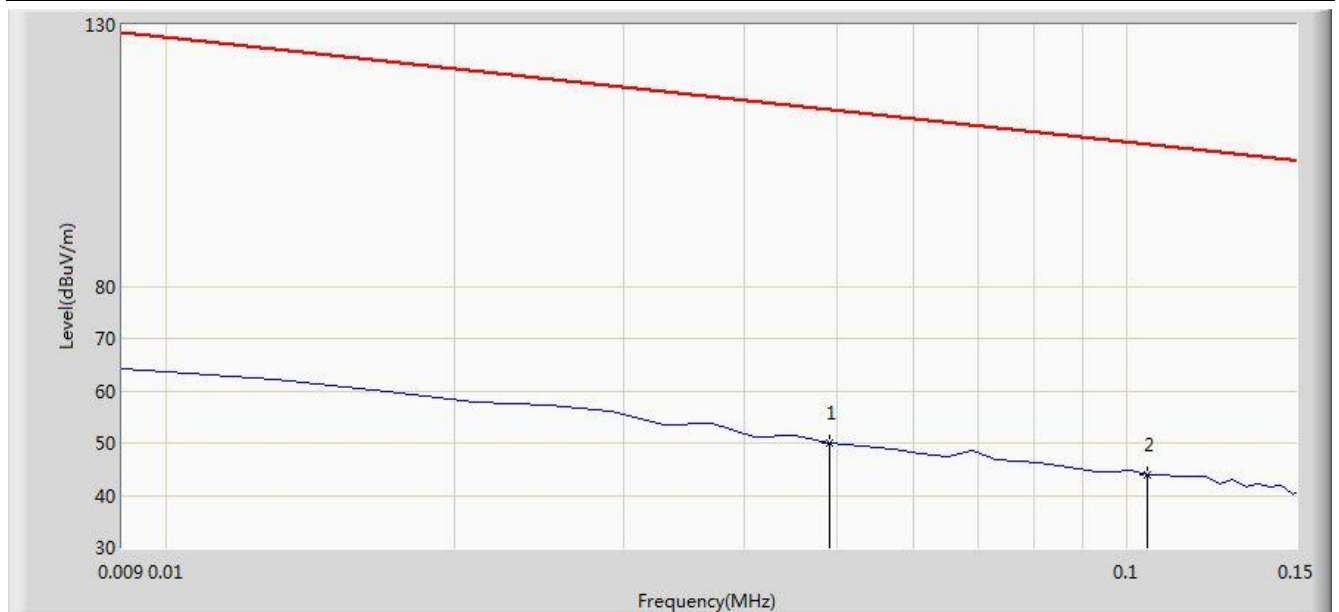


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	37.280	20.161	6.840	-19.839	40.000	13.321	QP
2			45.020	17.023	2.180	-22.977	40.000	14.843	QP
3			59.150	19.489	5.470	-20.511	40.000	14.019	QP
4			72.690	13.809	3.540	-26.191	40.000	10.269	QP
5			159.060	11.888	2.080	-31.612	43.500	9.808	QP
6			523.270	18.855	0.180	-27.145	46.000	18.676	QP

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

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

Site: AC2	Time: 2016/06/19 - 15:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: In-ear Bluetooth	Power: By Battery
Note: There is the ambient noise within frequency range 9kHz~30MHz.	



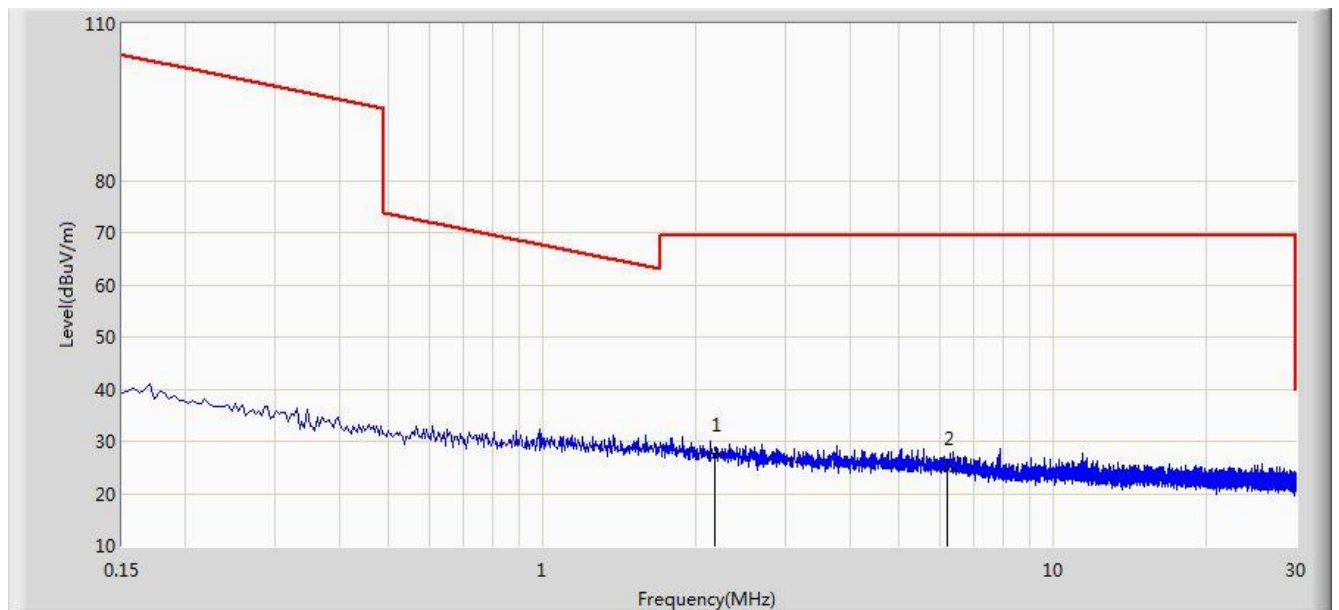
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.049	50.112	29.552	-63.688	113.800	20.560	AV
2		*	0.105	44.043	23.845	-63.137	107.180	20.198	QP

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

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

Limit@3m = $20 \cdot \log((2400/49) \mu\text{V/m}) + 40 \cdot \log(300\text{m}/3\text{m}) = 113.800 \text{ dBuV/m}$ (Average detector)

Site: AC2	Time: 2016/06/19 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: In-ear Bluetooth	Power: By Battery
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

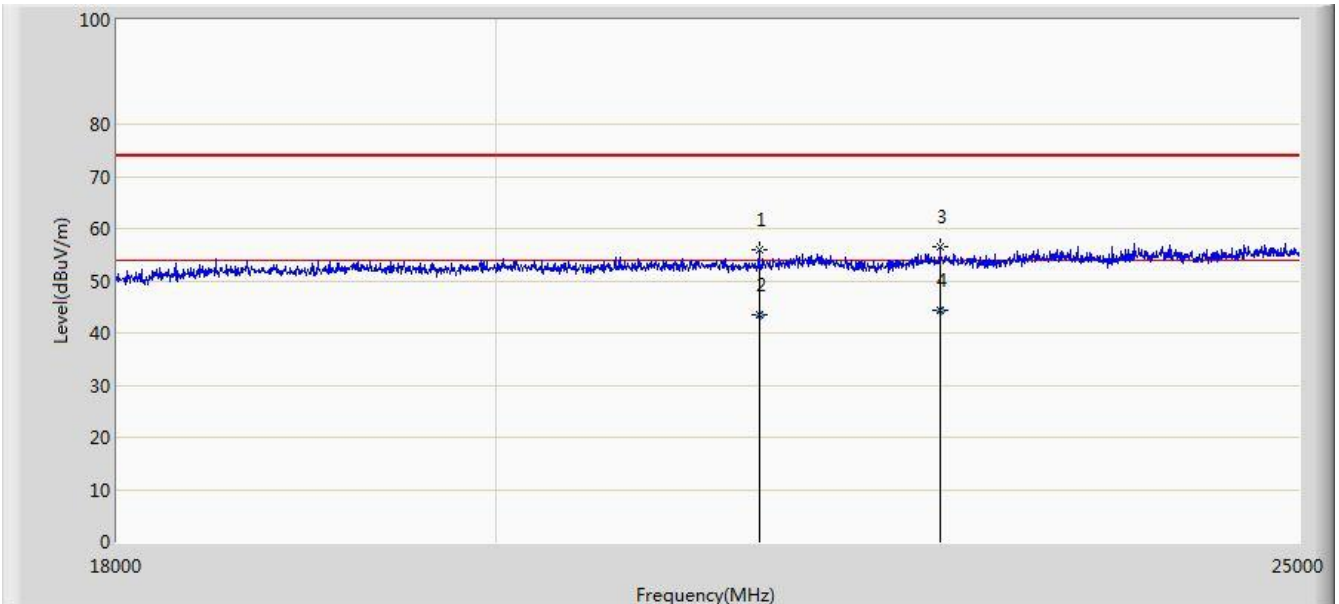


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2.175	27.371	6.960	-42.129	69.500	20.412	QP
2			6.216	24.786	4.701	-44.714	69.500	20.085	QP

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

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

Site: AC2	Time: 2016/06/19 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Note: There is the ambient noise within frequency range 18GHz~25GHz.	

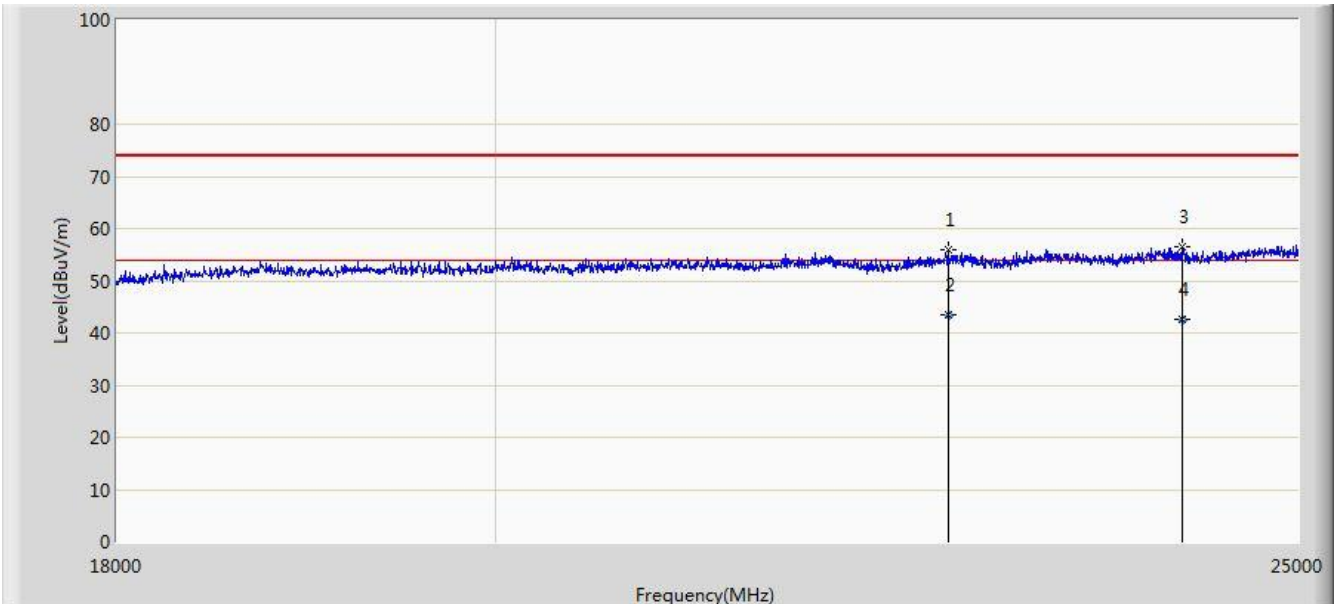


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			21517.500	55.869	17.883	-18.131	74.000	37.986	PK
2			21517.650	43.351	5.365	-10.649	54.000	37.986	AV
3			22630.500	56.509	18.223	-17.491	74.000	38.286	PK
4		*	22630.540	44.310	6.024	-9.690	54.000	38.286	AV

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

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

Site: AC2	Time: 2016/06/19 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Note: There is the ambient noise within frequency range 18GHz~25GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			22686.500	55.811	17.457	-18.189	74.000	38.354	PK
2			22686.540	43.598	5.244	-10.402	54.000	38.354	AV
3			24205.500	56.430	17.607	-17.570	74.000	38.823	PK
4		*	24205.658	42.518	3.695	-11.482	54.000	38.823	AV

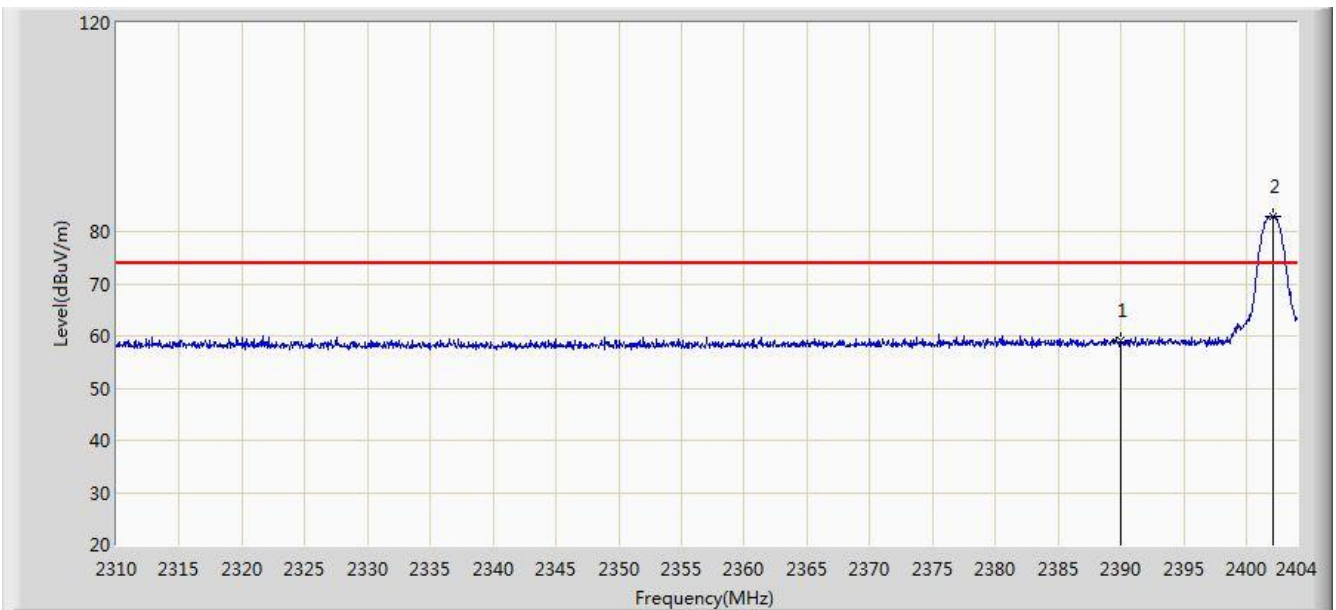
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Result

Site: AC2	Time: 2016/06/14 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2402MHz	

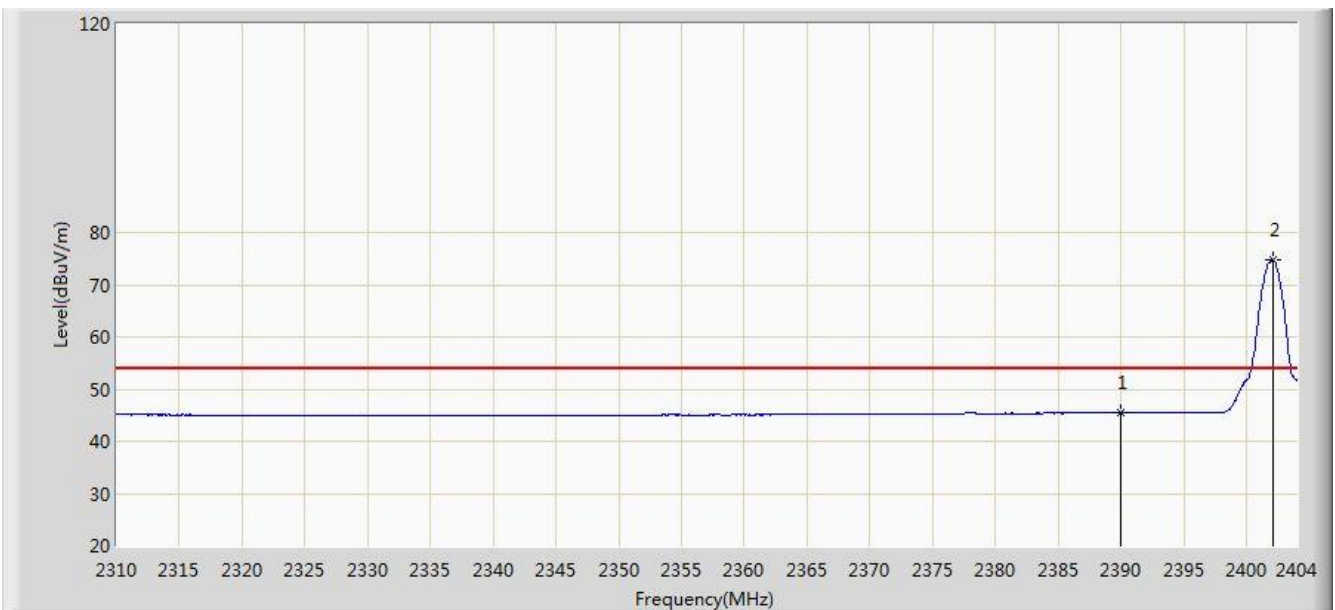


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	59.151	26.873	-14.849	74.000	32.278	PK
2		*	2402.073	82.930	50.656	N/A	N/A	32.273	PK

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

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

Site: AC2	Time: 2016/06/14 - 16:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2402MHz	

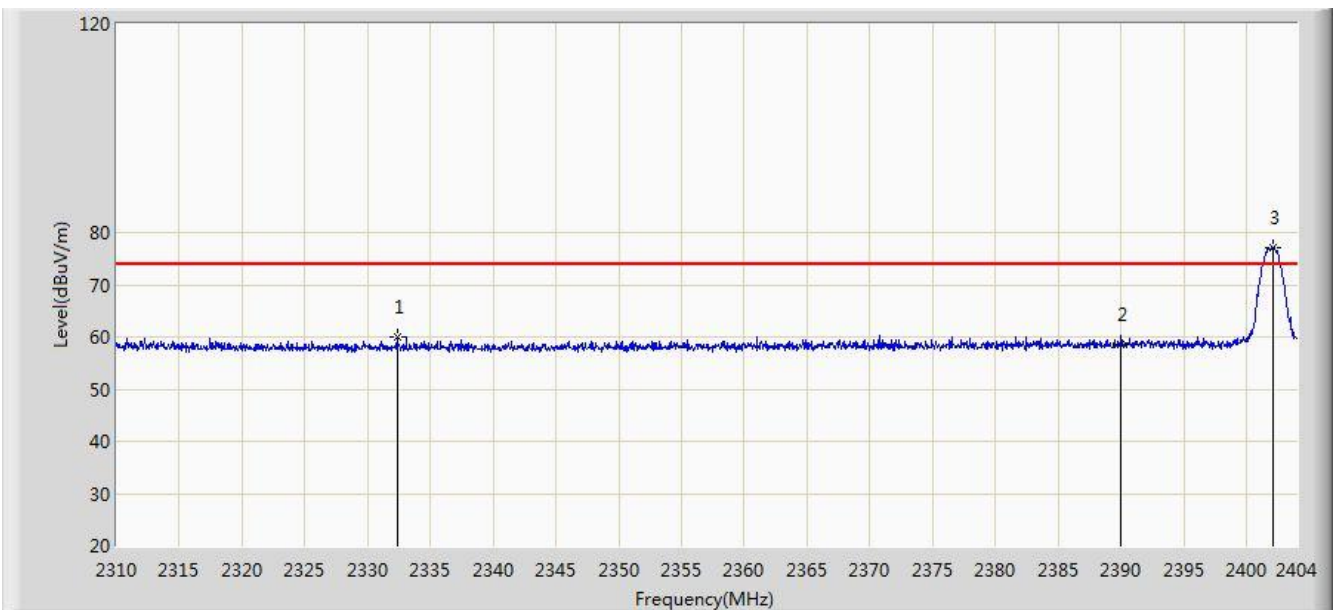


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.431	13.153	-8.569	54.000	32.278	AV
2		*	2402.073	74.875	42.601	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 16:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2402MHz	

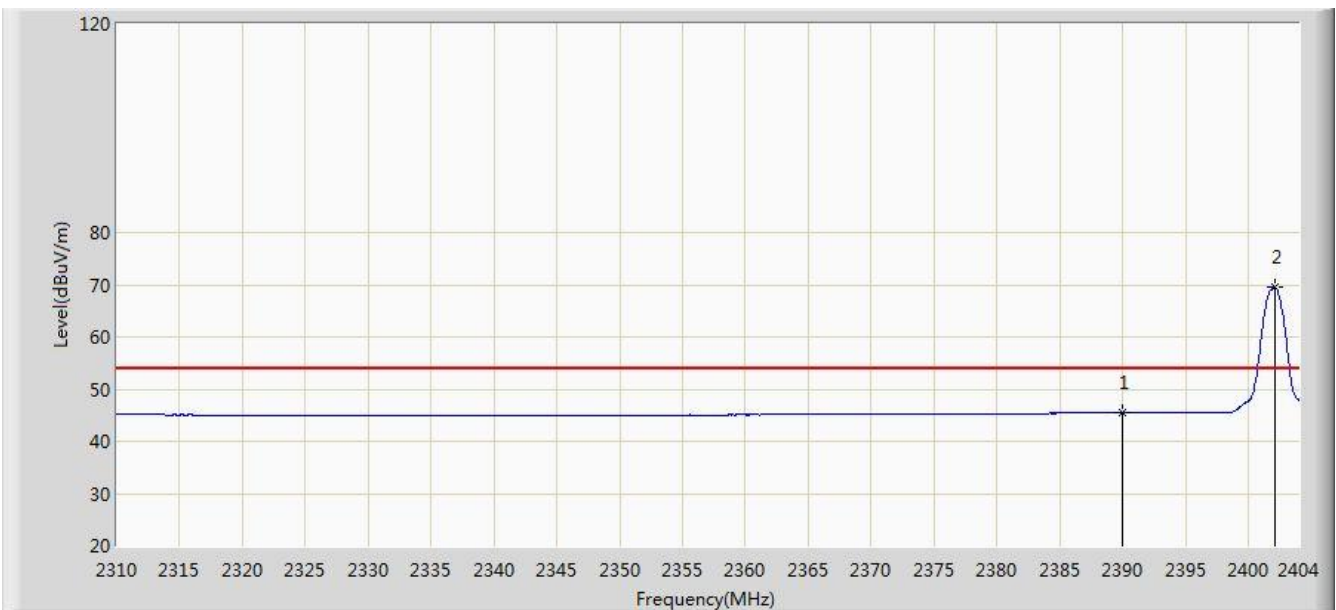


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2332.325	59.920	27.570	-14.080	74.000	32.351	PK
2			2390.000	58.464	26.186	-15.536	74.000	32.278	PK
3		*	2402.073	77.006	44.732	N/A	N/A	32.273	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2402MHz	

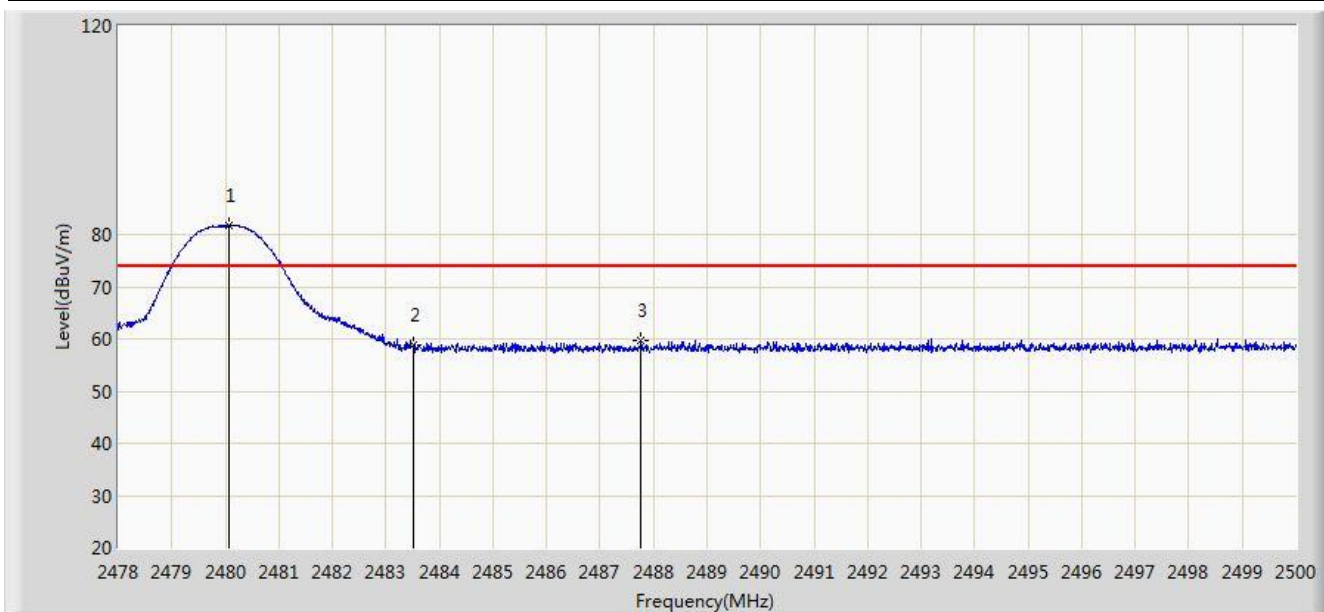


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.446	13.168	-8.554	54.000	32.278	AV
2		*	2402.073	69.623	37.349	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz	

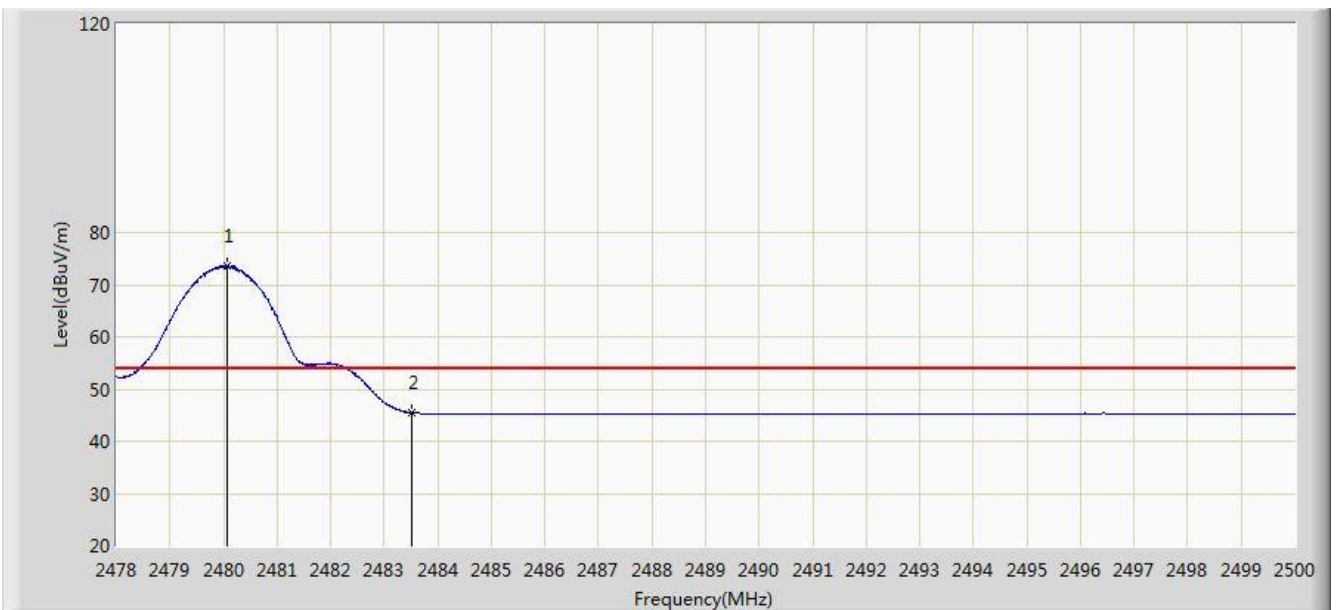


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	81.682	49.413	N/A	N/A	32.269	PK
2			2483.500	58.752	26.471	-15.248	74.000	32.282	PK
3			2487.757	59.660	27.364	-14.340	74.000	32.296	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz	

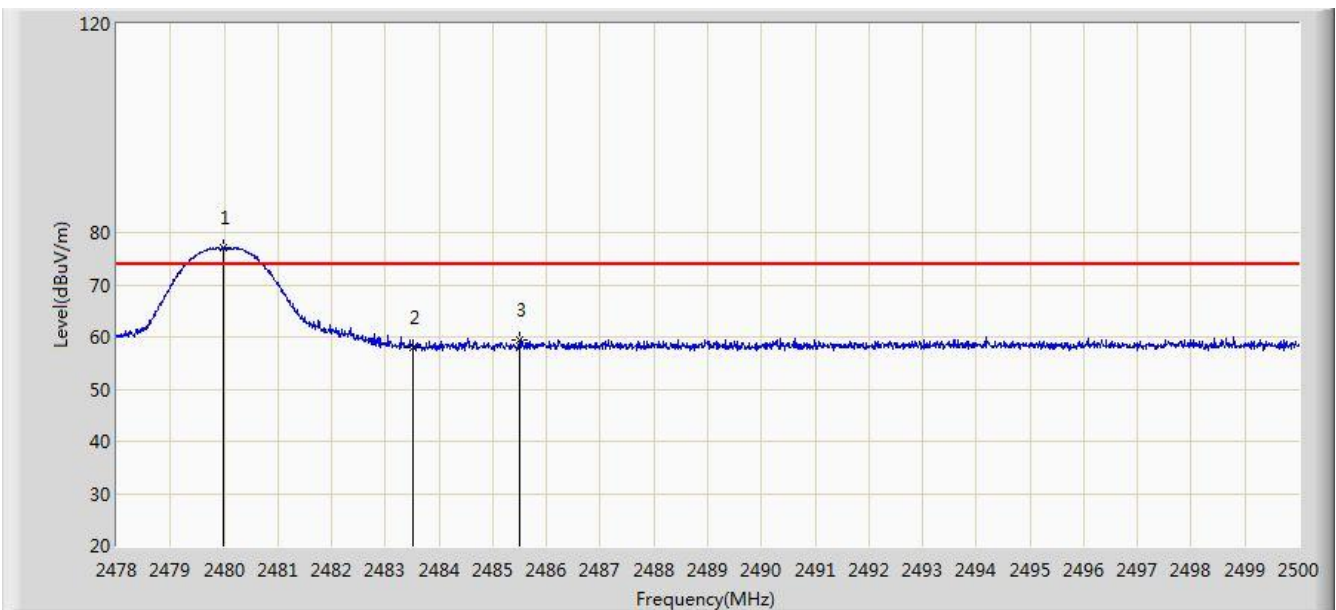


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	73.531	41.262	N/A	N/A	32.269	AV
2			2483.500	45.520	13.239	-8.480	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz	

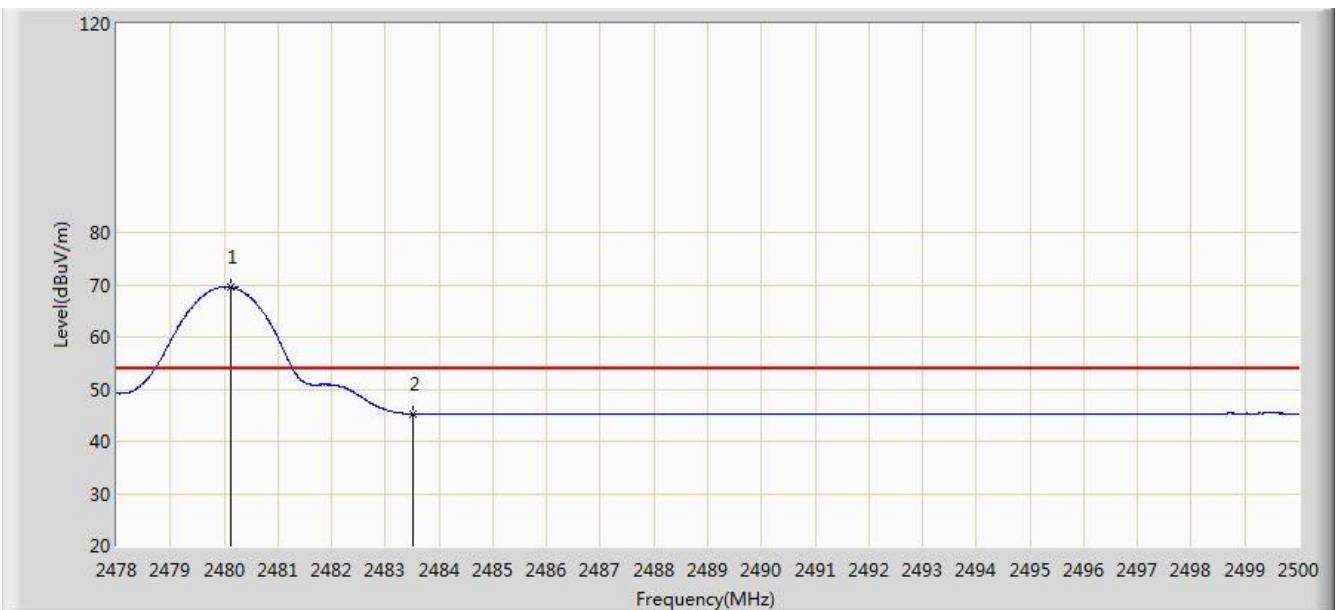


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.991	77.033	44.764	N/A	N/A	32.269	PK
2			2483.500	58.084	25.803	-15.916	74.000	32.282	PK
3			2485.491	59.307	27.019	-14.693	74.000	32.288	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by DH5 at Channel 2480MHz	

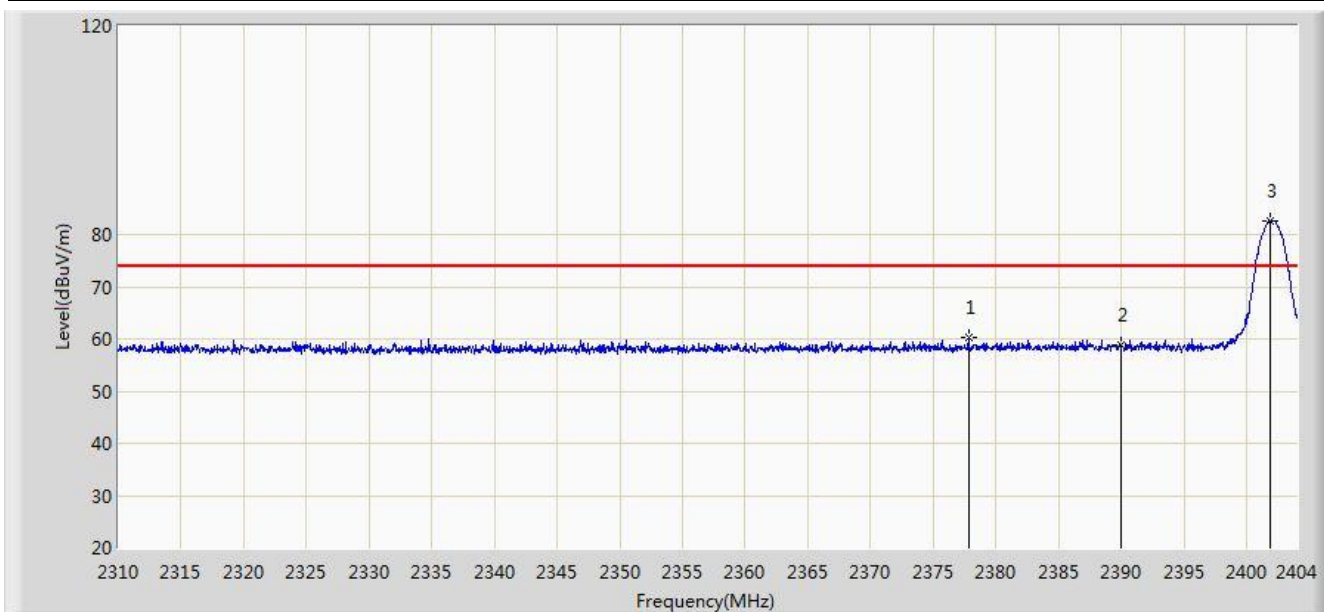


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	69.558	37.288	N/A	N/A	32.269	AV
2			2483.500	45.274	12.993	-8.726	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

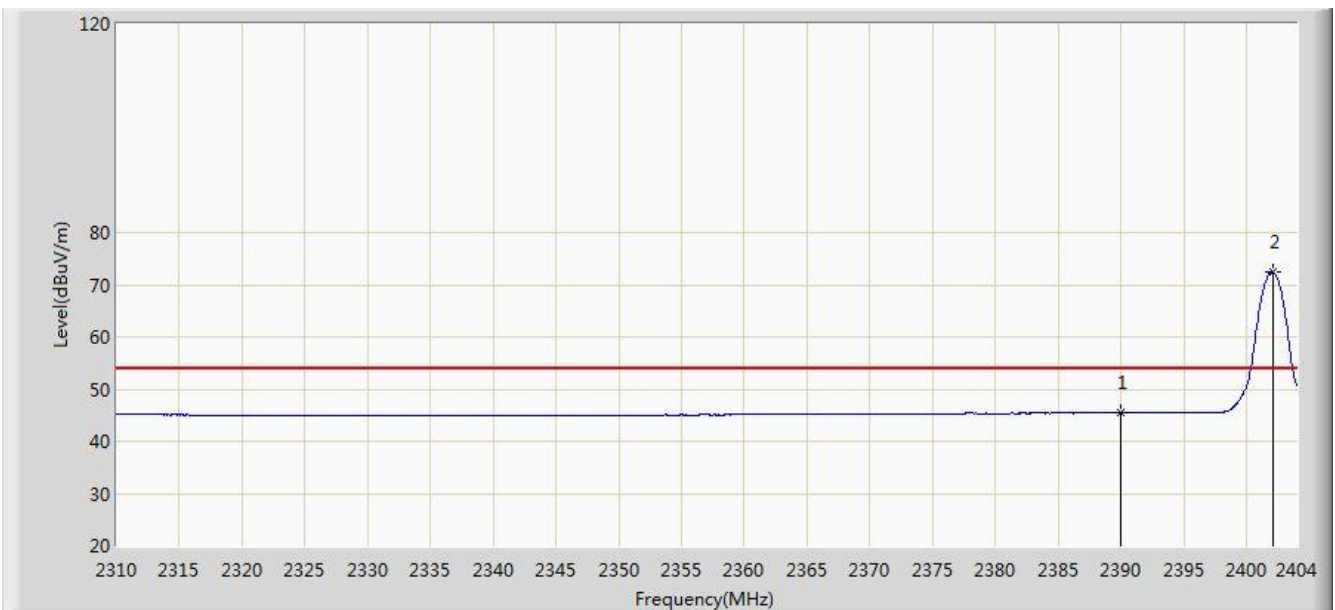


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2377.821	60.357	28.147	-13.643	74.000	32.210	PK
2			2390.000	58.827	26.549	-15.173	74.000	32.278	PK
3		*	2401.885	82.628	50.354	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

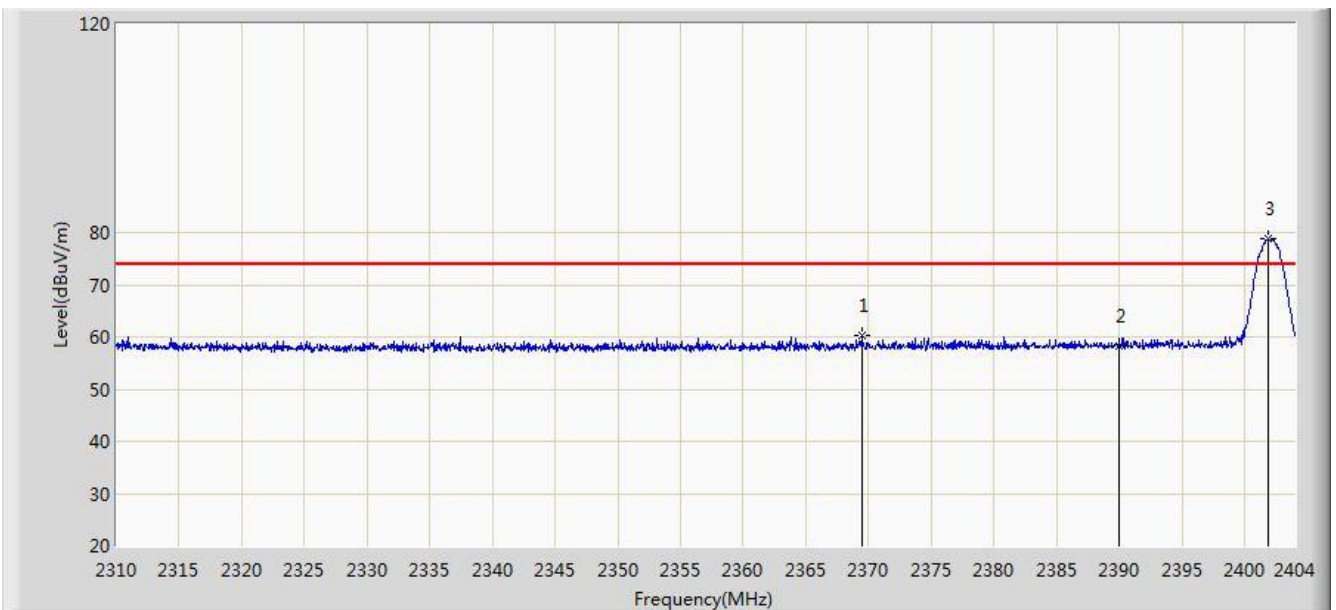


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.440	13.162	-8.560	54.000	32.278	AV
2		*	2402.073	72.552	40.278	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

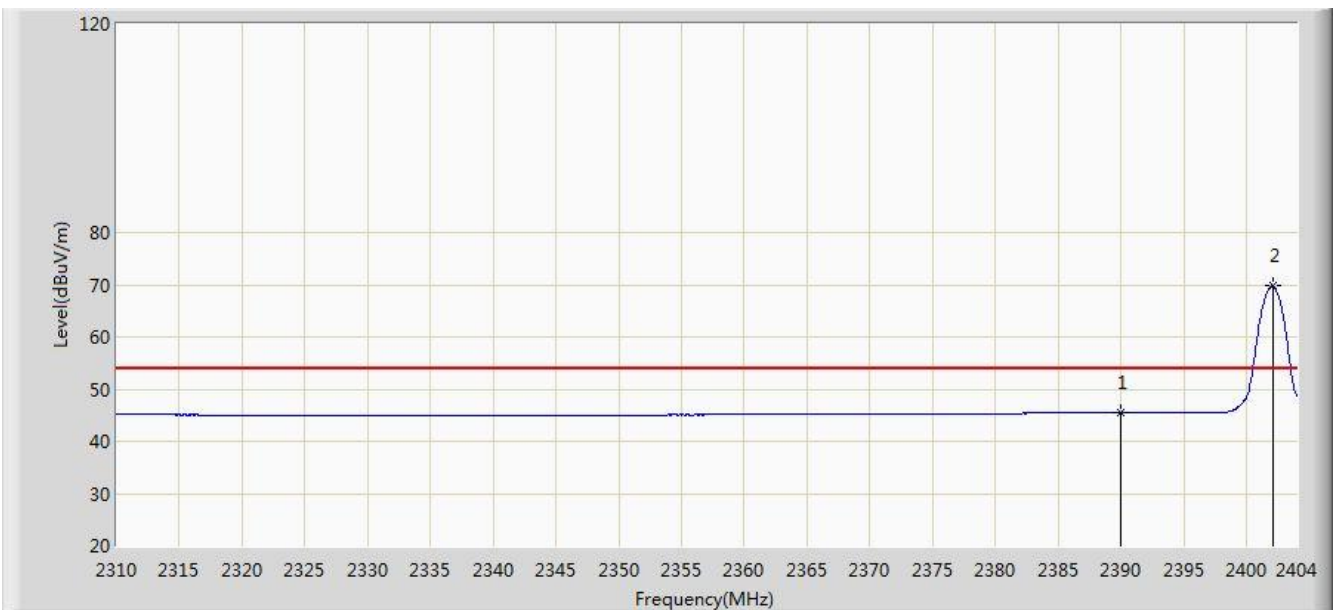


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.455	60.363	28.138	-13.637	74.000	32.225	PK
2			2390.000	58.290	26.012	-15.710	74.000	32.278	PK
3		*	2401.885	78.916	46.642	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

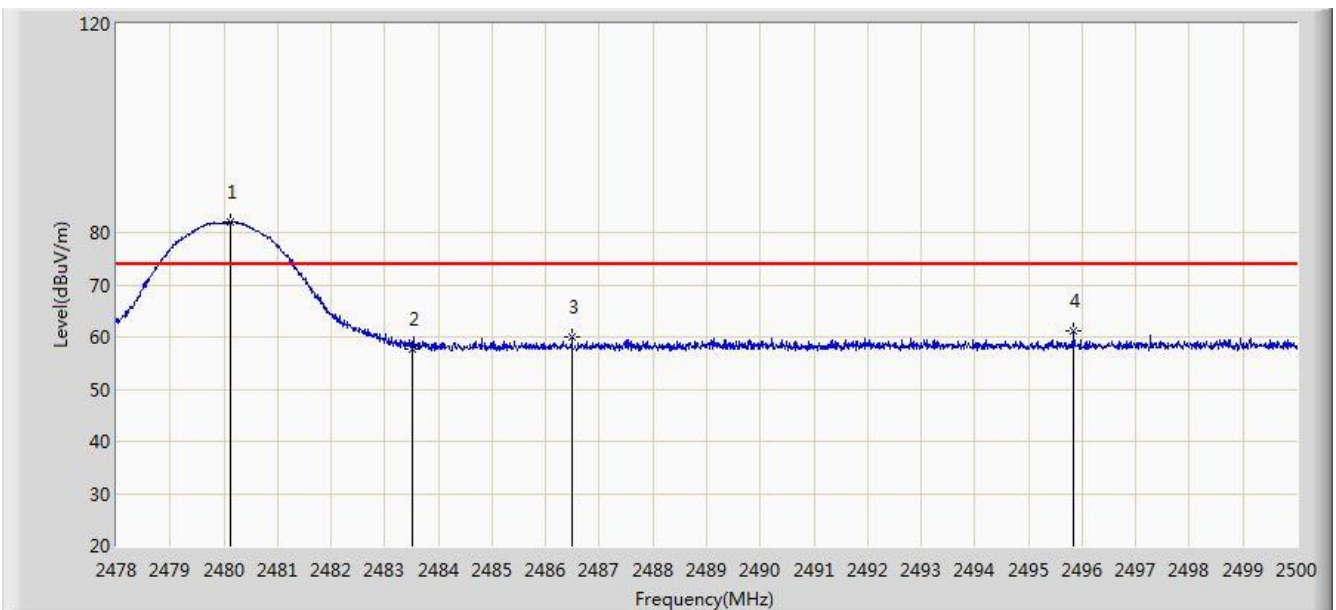


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.450	13.172	-8.550	54.000	32.278	AV
2		*	2402.073	69.714	37.440	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

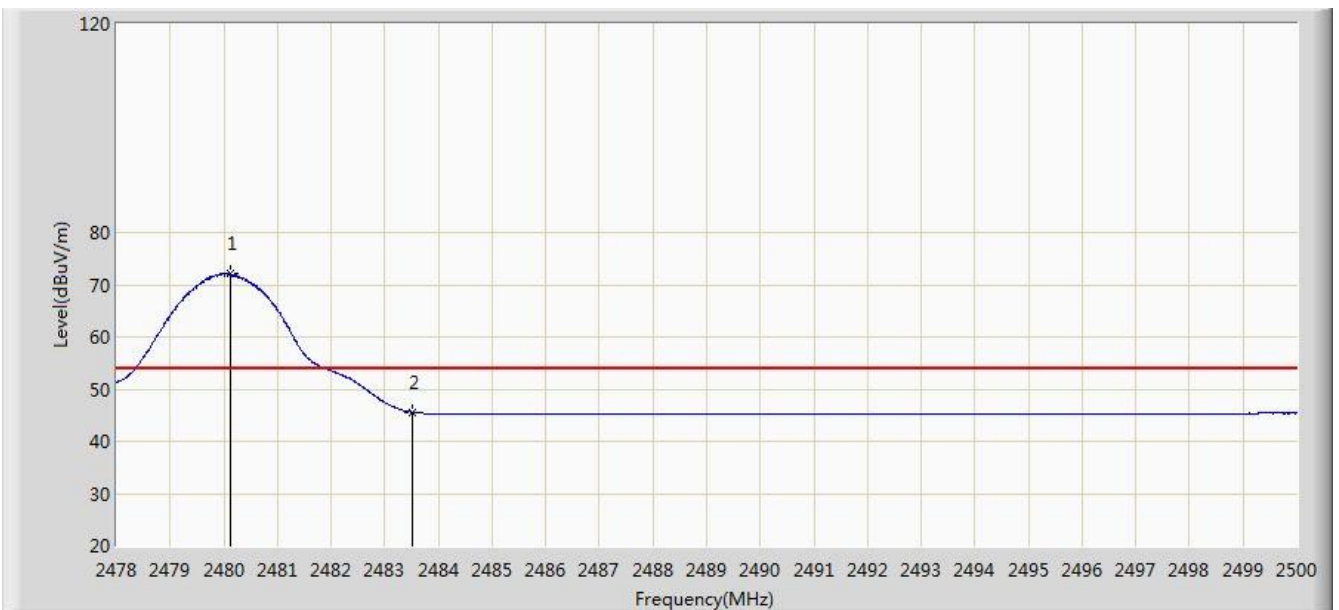


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.123	82.014	49.744	N/A	N/A	32.270	PK
2			2483.500	57.604	25.323	-16.396	74.000	32.282	PK
3			2486.492	59.931	27.639	-14.069	74.000	32.292	PK
4			2495.842	61.227	28.903	-12.773	74.000	32.324	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

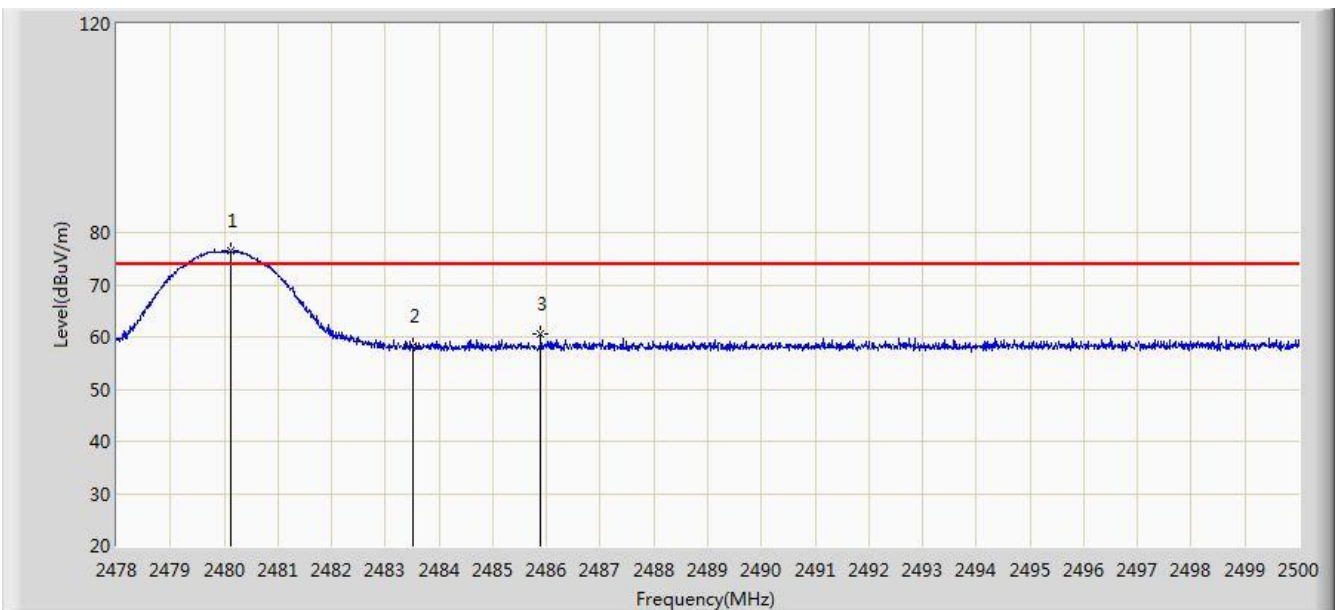


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.123	72.032	39.762	N/A	N/A	32.270	AV
2			2483.500	45.608	13.327	-8.392	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

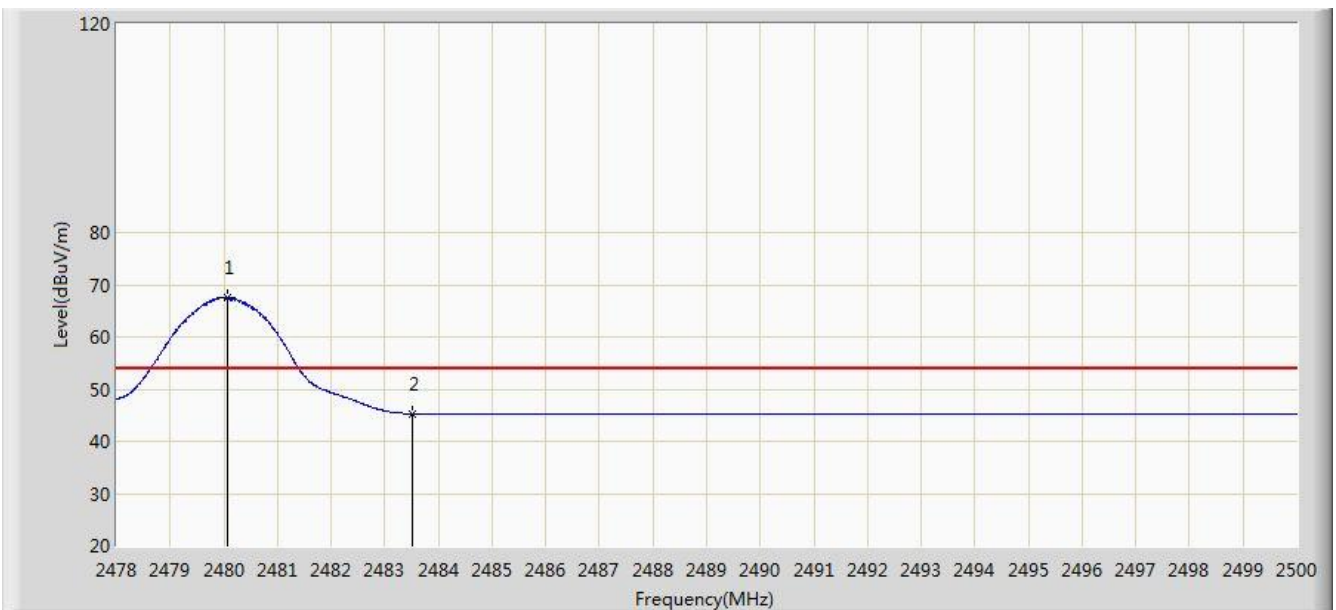


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	76.461	44.191	N/A	N/A	32.269	PK
2			2483.500	58.209	25.928	-15.791	74.000	32.282	PK
3			2485.898	60.604	28.315	-13.396	74.000	32.290	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

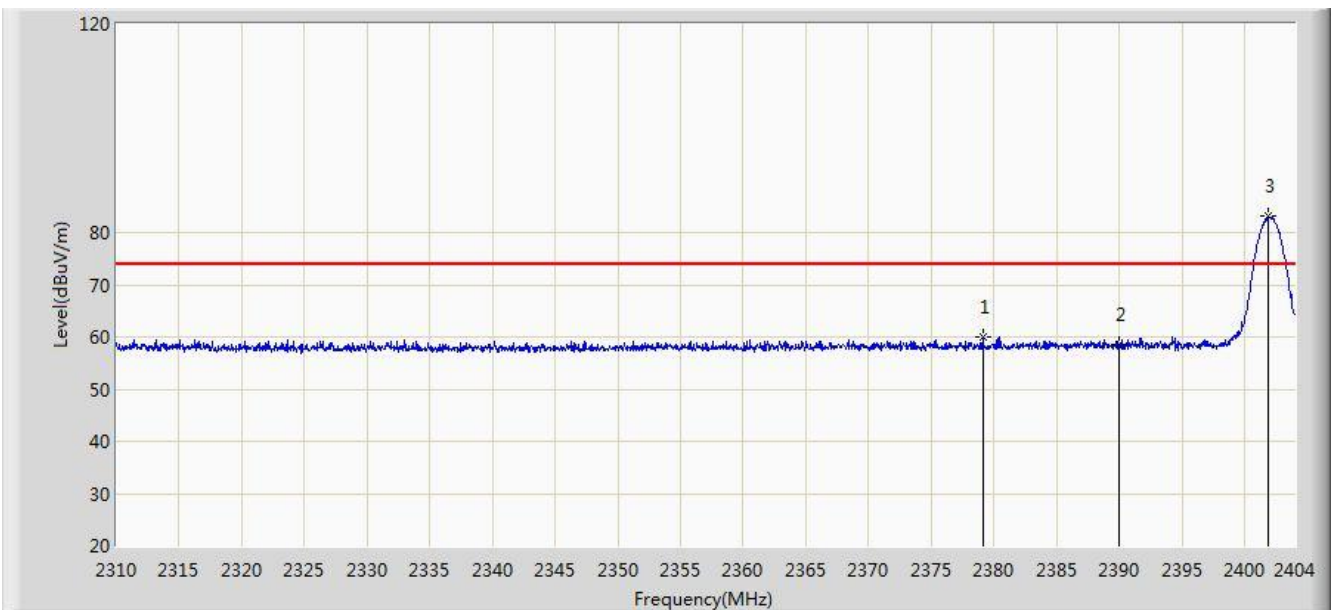


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	67.548	35.279	N/A	N/A	32.269	AV
2			2483.500	45.215	12.934	-8.785	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

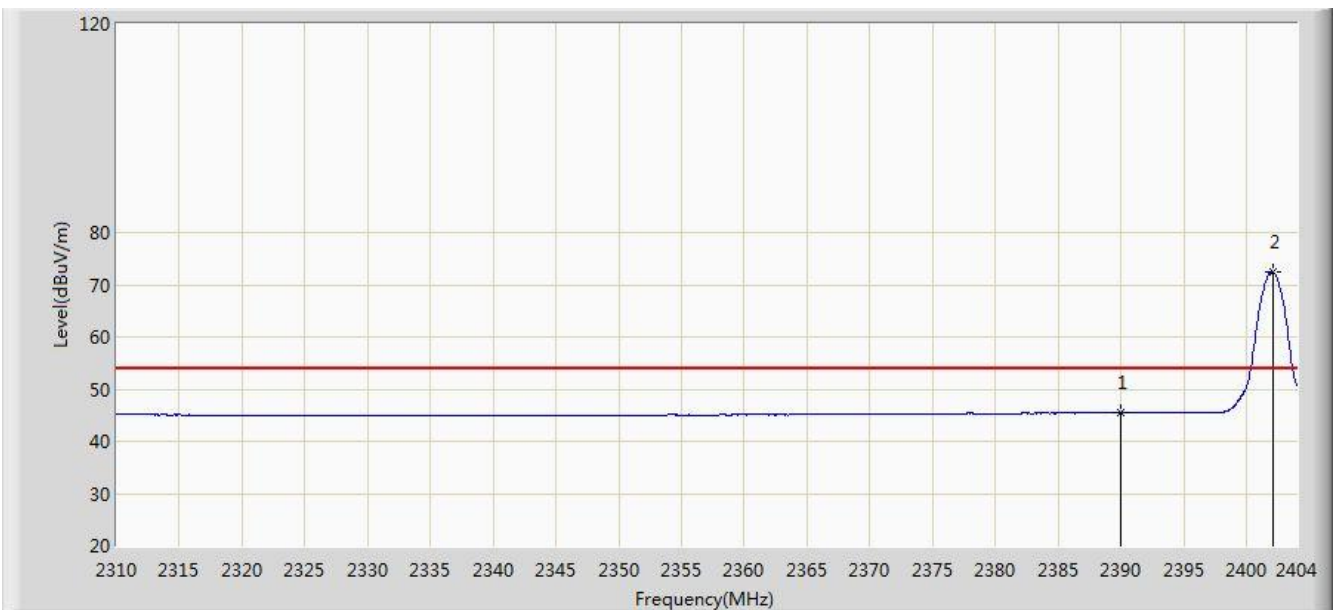


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.137	60.024	27.806	-13.976	74.000	32.217	PK
2			2390.000	58.604	26.326	-15.396	74.000	32.278	PK
3		*	2401.932	83.129	50.855	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

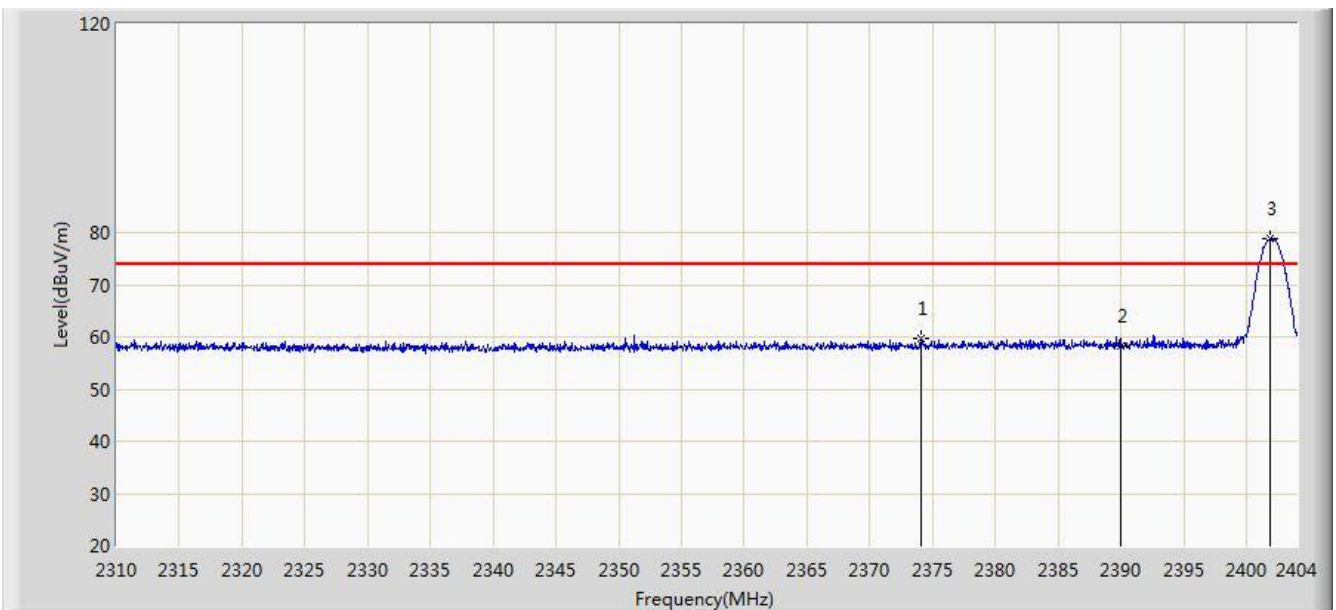


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.457	13.179	-8.543	54.000	32.278	AV
2		*	2402.073	72.549	40.275	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

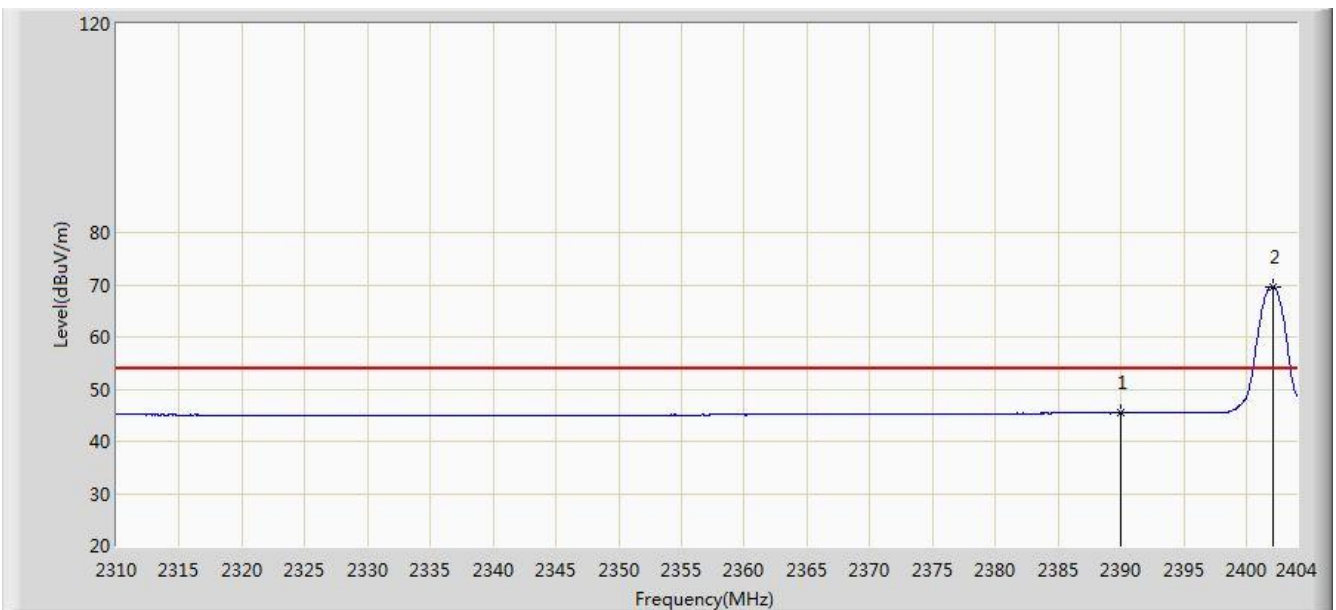


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.061	59.688	27.475	-14.312	74.000	32.213	PK
2			2390.000	58.304	26.026	-15.696	74.000	32.278	PK
3		*	2401.885	78.924	46.650	N/A	N/A	32.274	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

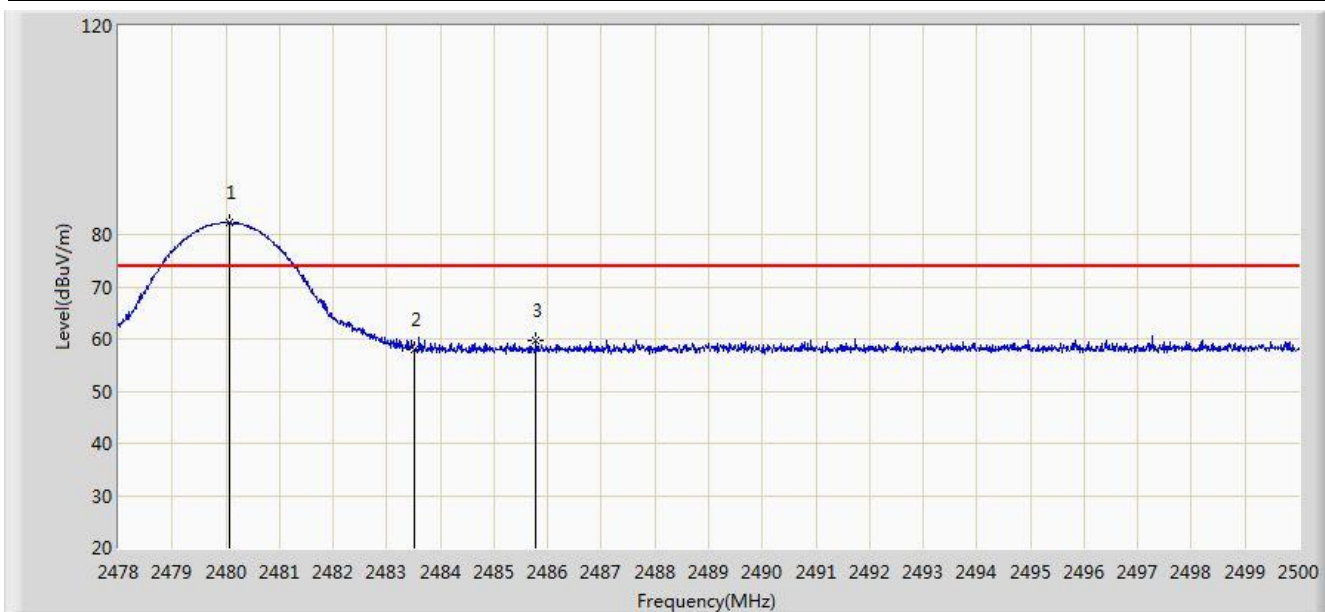


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.436	13.158	-8.564	54.000	32.278	AV
2		*	2402.073	69.710	37.436	N/A	N/A	32.273	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

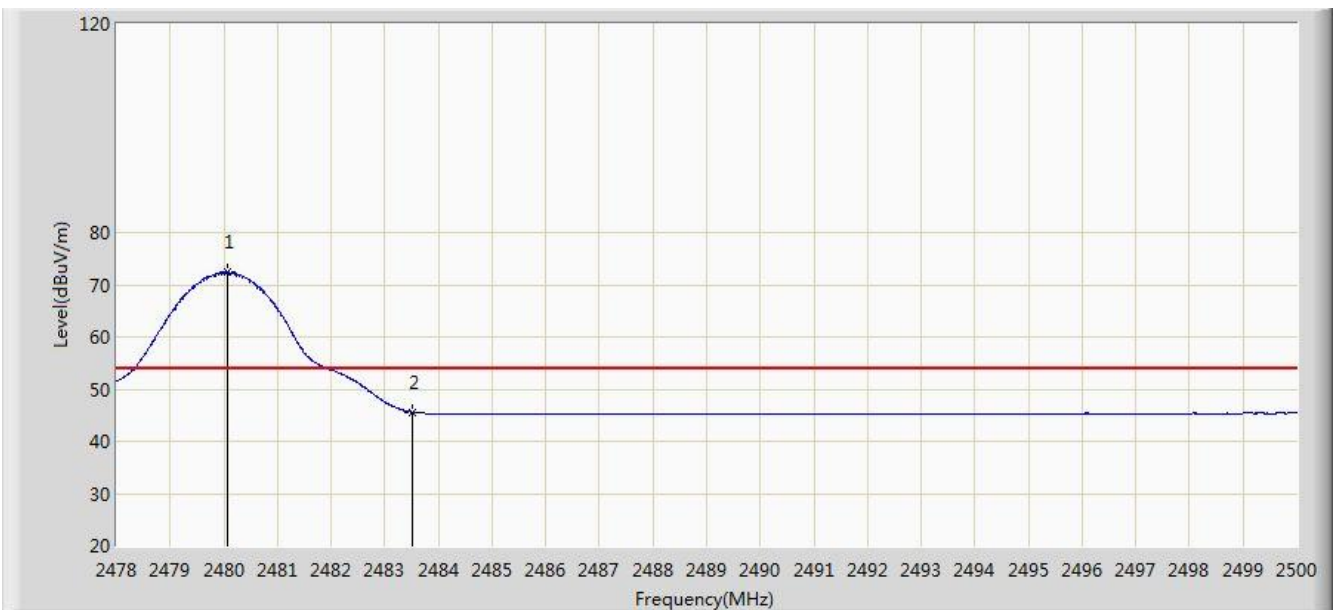


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	82.369	50.100	N/A	N/A	32.269	PK
2			2483.500	58.099	25.818	-15.901	74.000	32.282	PK
3			2485.788	59.668	27.379	-14.332	74.000	32.289	PK

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

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

Site: AC2	Time: 2016/06/14 - 17:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

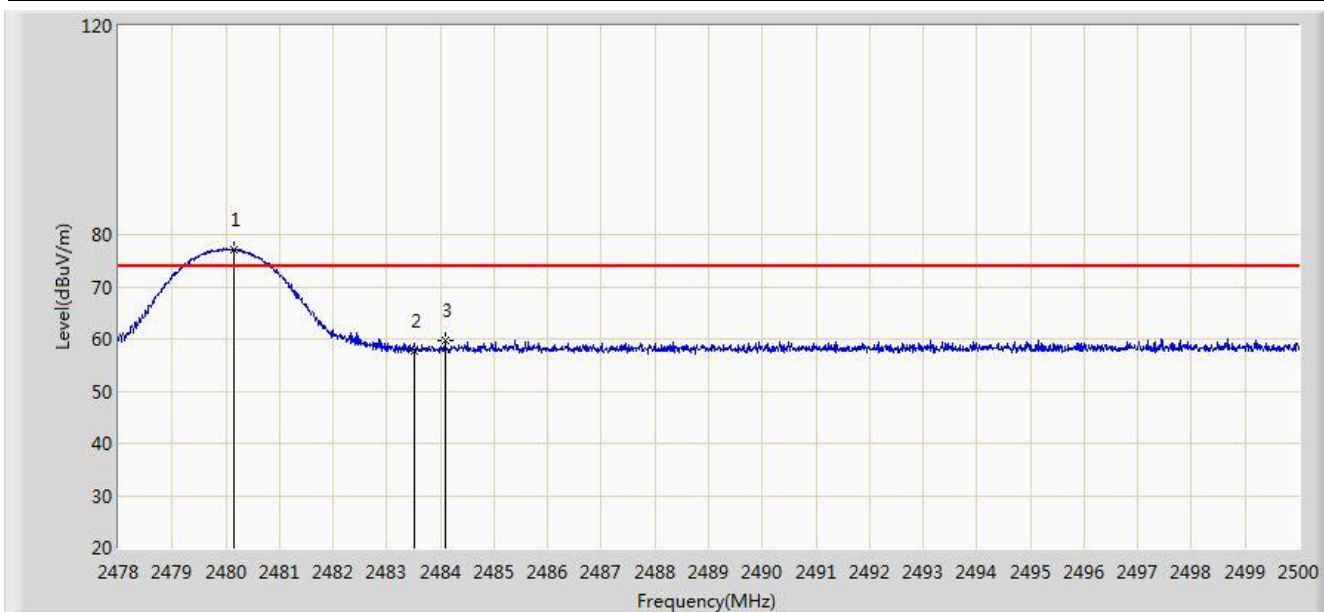


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	72.346	40.077	N/A	N/A	32.269	AV
2			2483.500	45.596	13.315	-8.404	54.000	32.282	AV

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

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

Site: AC2	Time: 2016/06/14 - 17:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	Power: By Battery
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

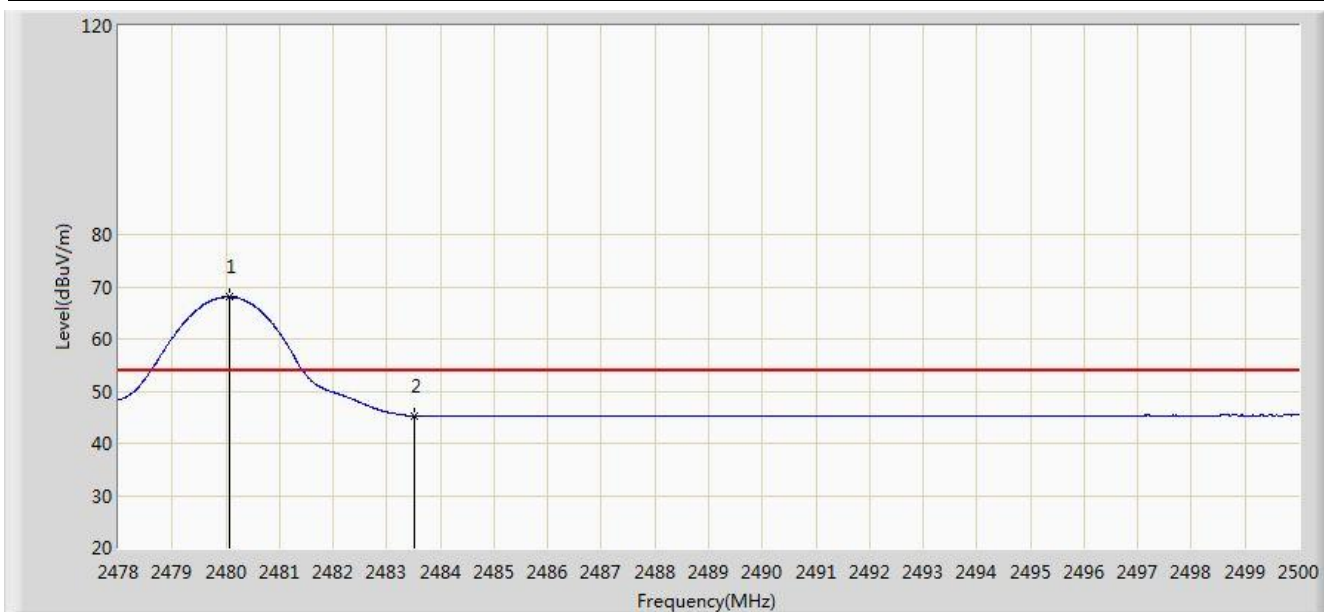


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.156	77.139	44.869	N/A	N/A	32.270	PK
2			2483.500	57.771	25.490	-16.229	74.000	32.282	PK
3			2484.083	59.706	27.423	-14.294	74.000	32.284	PK

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

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

Site: AC2	Time: 2016/06/14 - 18:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: In-ear Bluetooth	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		*	2480.079	68.014	35.745	N/A	N/A	32.269	AV
2			2483.500	45.266	12.985	-8.734	54.000	32.282	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

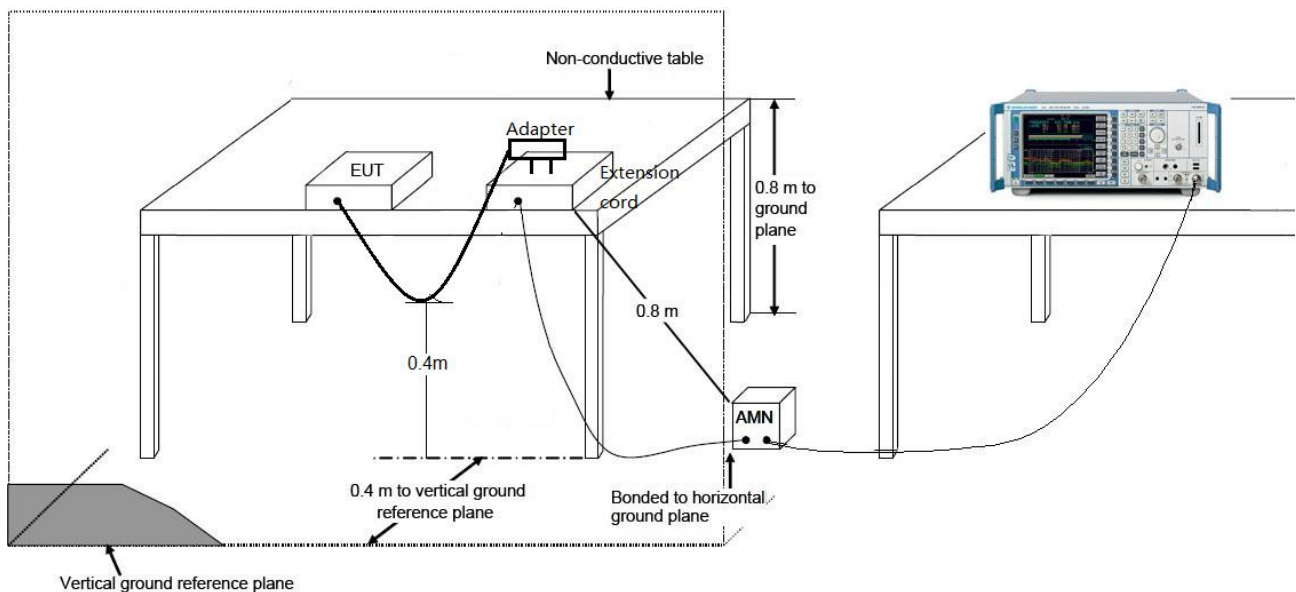
7.11.1. Test Limit

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.

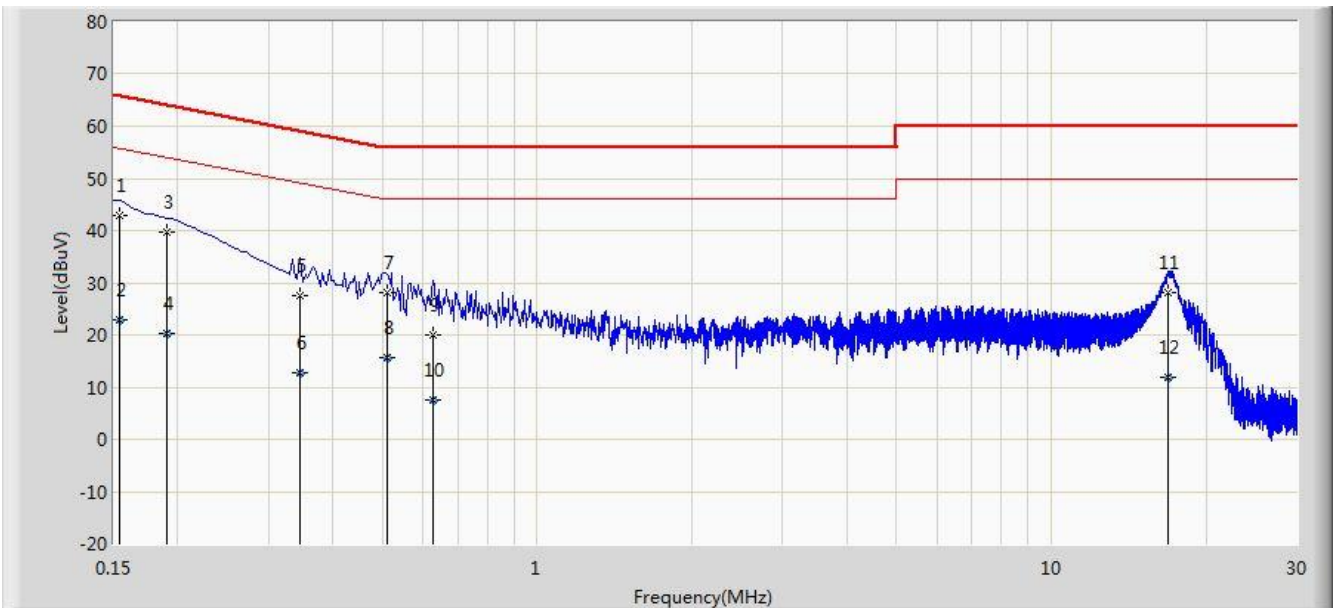
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3. Test Result

Site: SR2	Time: 2016/06/22 - 19:30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: In-ear Bluetooth	Power: AC 120V/60Hz
Note: Transmit by DH5 at Channel 2440MHz	

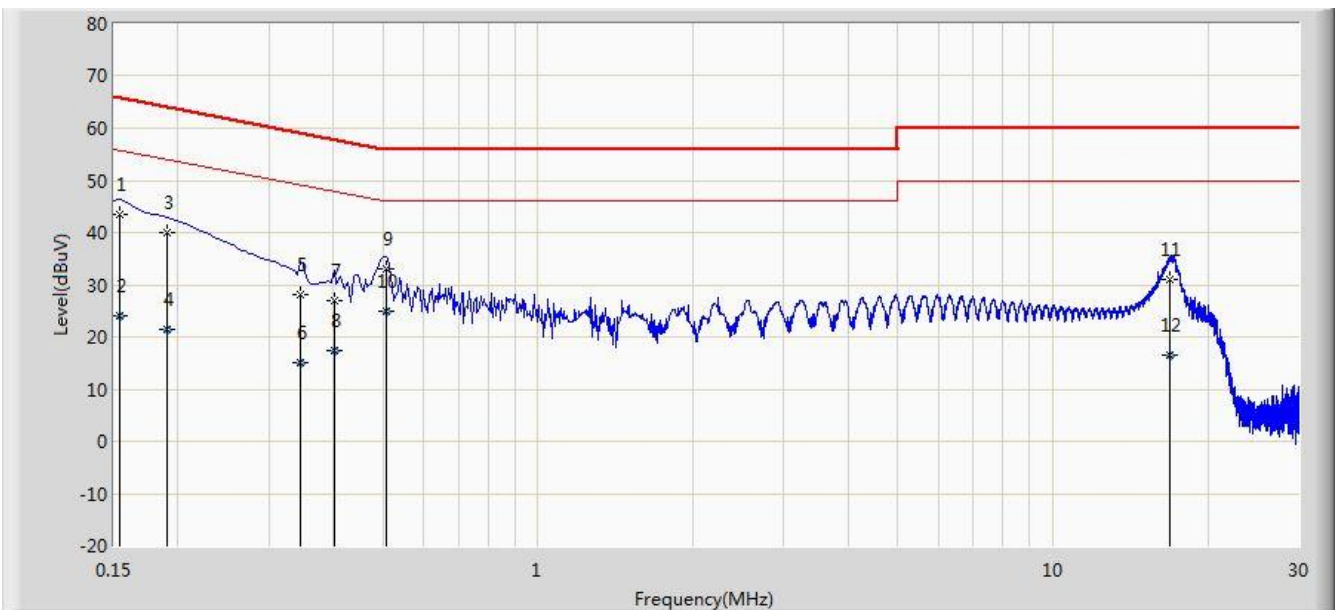


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	43.023	32.284	-22.758	65.781	10.740	QP
2			0.154	22.973	12.233	-32.808	55.781	10.740	AV
3			0.190	39.616	29.587	-24.420	64.037	10.029	QP
4			0.190	20.156	10.128	-33.880	54.037	10.029	AV
5			0.346	27.477	17.436	-31.581	59.058	10.041	QP
6			0.346	12.639	2.598	-36.419	49.058	10.041	AV
7			0.510	28.135	17.979	-27.865	56.000	10.157	QP
8			0.510	15.562	5.405	-30.438	46.000	10.157	AV
9			0.626	20.021	9.919	-35.979	56.000	10.101	QP
10			0.626	7.548	-2.554	-38.452	46.000	10.101	AV
11			16.838	28.026	17.957	-31.974	60.000	10.069	QP
12			16.838	11.898	1.829	-38.102	50.000	10.069	AV

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

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

Site: SR2	Time: 2016/06/22 - 19:35
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: In-ear Bluetooth	Power: AC 120V/60Hz
Note: Transmit by DH5 at Channel 2440MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	43.605	32.889	-22.176	65.781	10.716	QP
2			0.154	24.116	13.400	-31.665	55.781	10.716	AV
3			0.190	39.981	29.953	-24.056	64.037	10.028	QP
4			0.190	21.344	11.316	-32.693	54.037	10.028	AV
5			0.346	28.221	18.149	-30.837	59.058	10.071	QP
6			0.346	14.928	4.857	-34.130	49.058	10.071	AV
7			0.402	26.832	16.718	-30.980	57.812	10.114	QP
8			0.402	17.255	7.141	-30.557	47.812	10.114	AV
9			0.506	33.047	22.870	-22.953	56.000	10.177	QP
10		*	0.506	25.059	14.882	-20.941	46.000	10.177	AV
11			16.866	31.151	21.041	-28.849	60.000	10.110	QP
12			16.866	16.450	6.340	-33.550	50.000	10.110	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 **In-ear Bluetooth FCC ID:**

2AIWF-BT-1 is in compliance with Part 15C of the FCC Rules.

The End