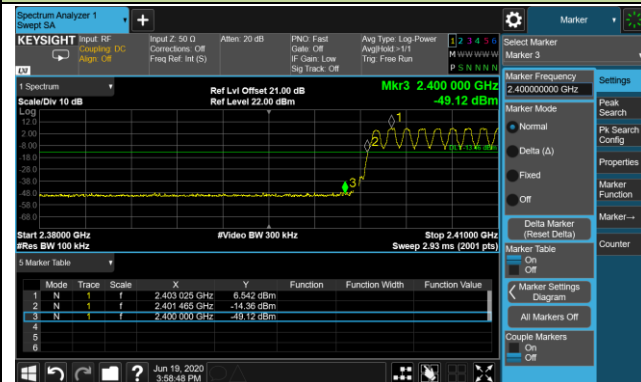
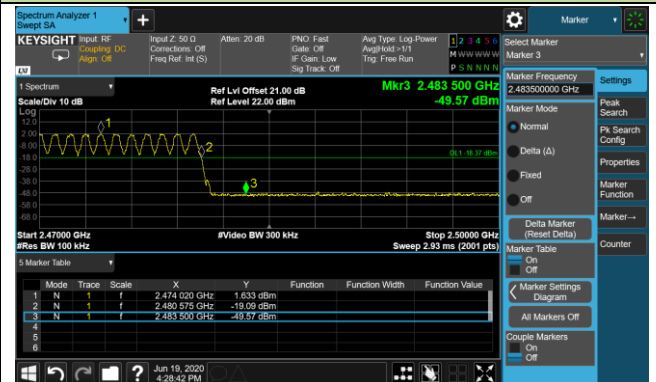


Operation Frequency Range of 20dB Bandwidth within Hopping Mode

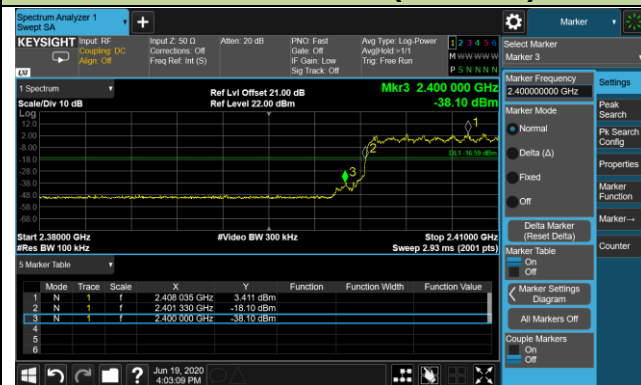
DH5 - Channel 00 (2402MHz)



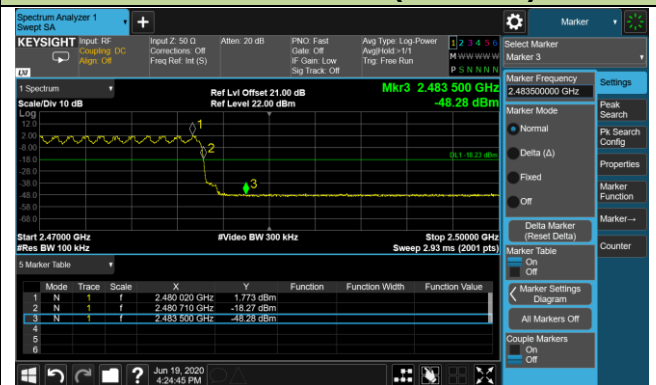
DH5 - Channel 78 (2480MHz)



2DH5 - Channel 00 (2402MHz)



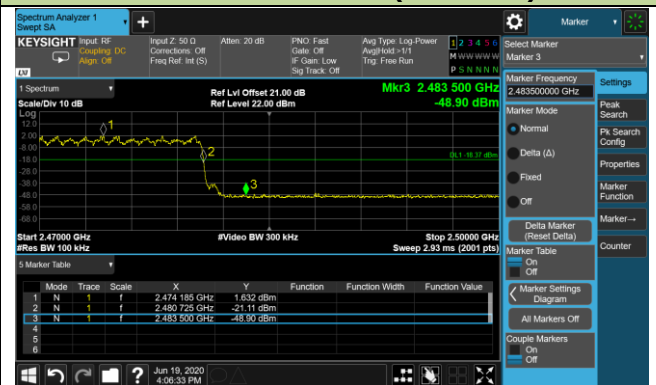
2DH5 - Channel 78 (2480MHz)



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.

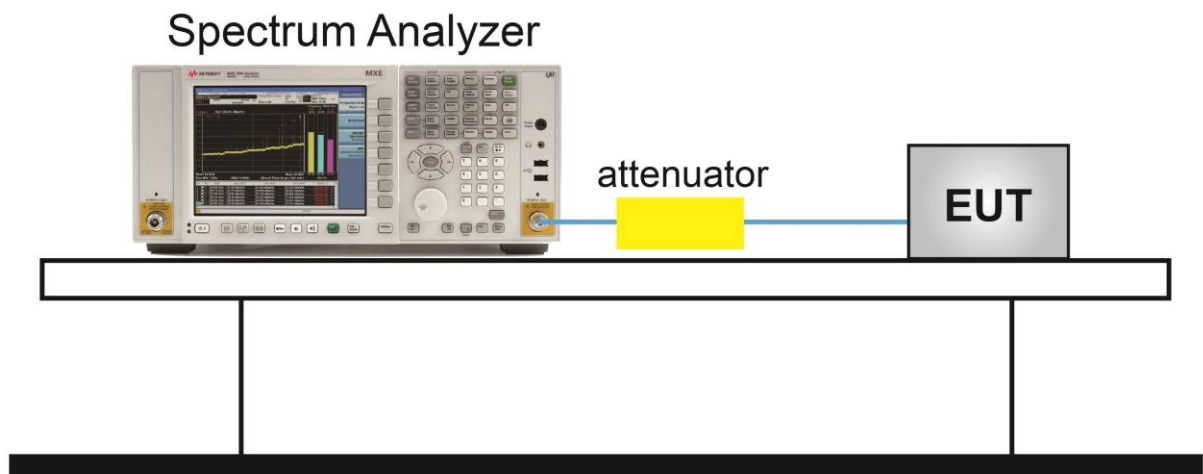
7.8.2. Test Procedure Used

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 = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize
8. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

7.8.4. Test Setup



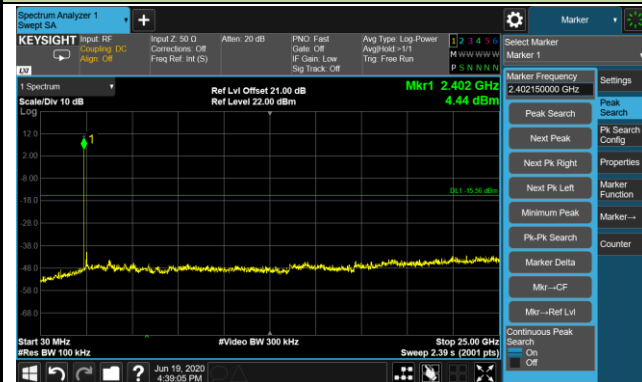
7.8.5. Test Result

Product	Bluetooth Module	Test Engineer	Dandy Li
Test Site	TR3	Test Date	2020/06/19

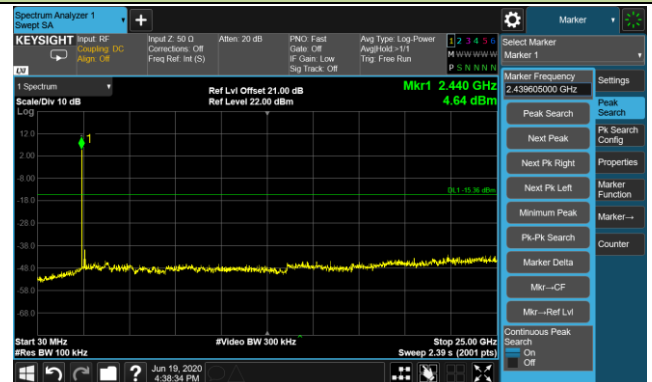
Test Mode	Channel No.	Frequency (MHz)	Limit (MHz)	Result
DH5	00	2402	20dBc	Pass
DH5	39	2441	20dBc	Pass
DH5	78	2480	20dBc	Pass
2DH5	00	2402	20dBc	Pass
2DH5	39	2441	20dBc	Pass
2DH5	78	2480	20dBc	Pass
3DH5	00	2402	20dBc	Pass
3DH5	39	2441	20dBc	Pass
3DH5	78	2480	20dBc	Pass

DH5 Conducted Spurious Emissions

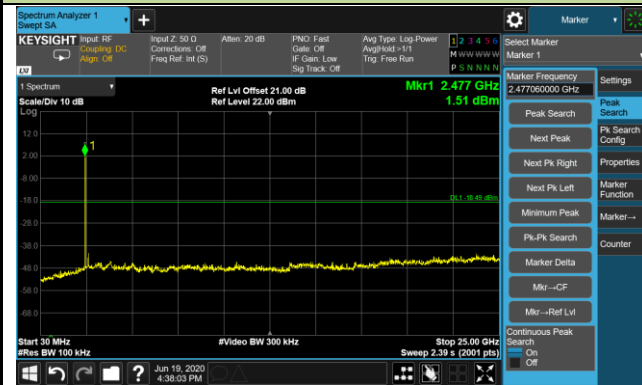
Channel 00 (2402MHz)



Channel 39 (2441MHz)

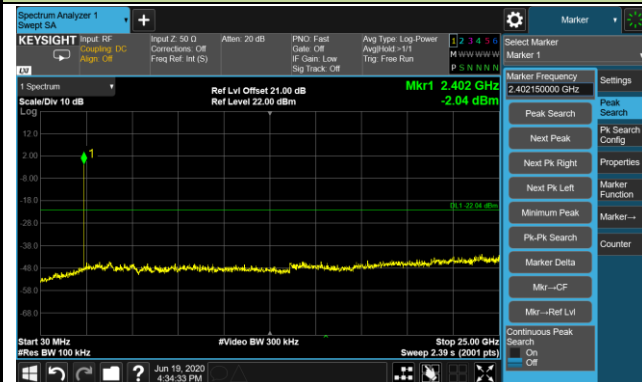


Channel 78 (2480MHz)

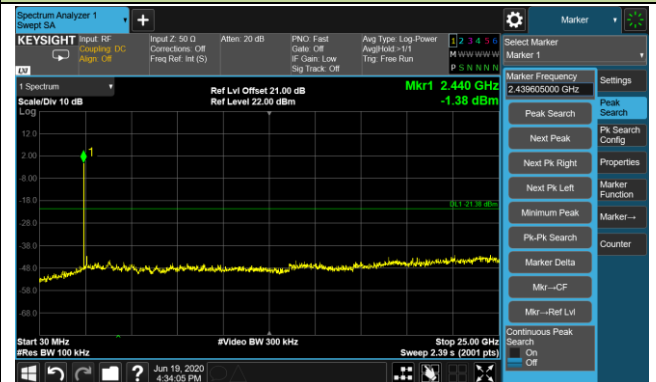


2DH5 Conducted Spurious Emissions

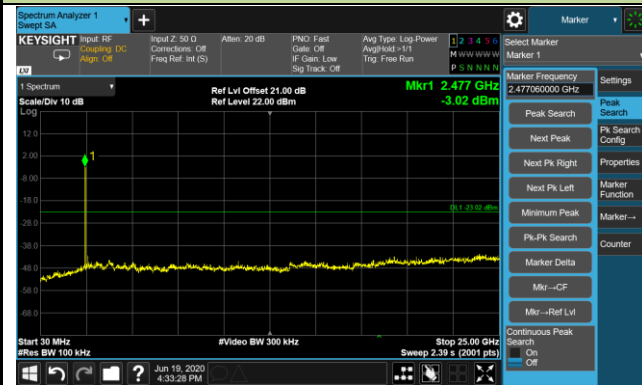
Channel 00 (2402MHz)



Channel 39 (2441MHz)

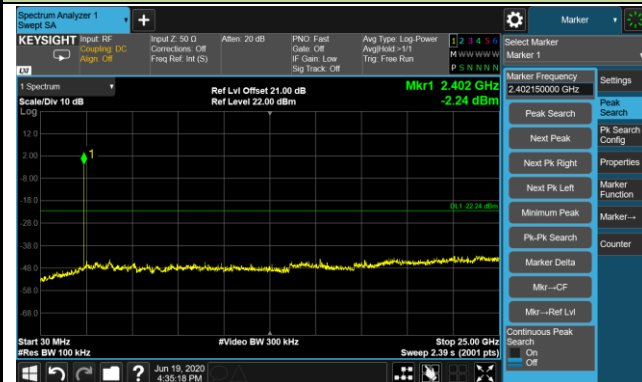


Channel 78 (2480MHz)

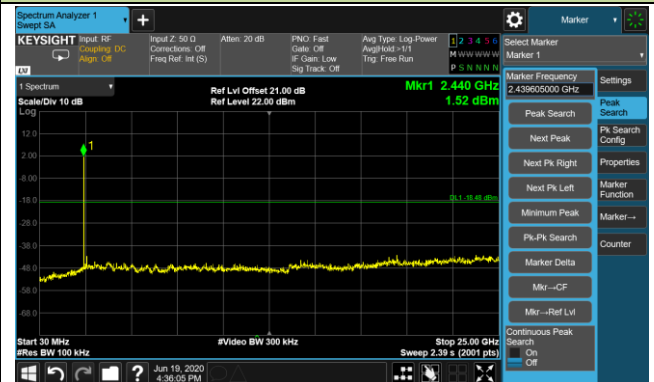


3DH5 Conducted Spurious Emissions

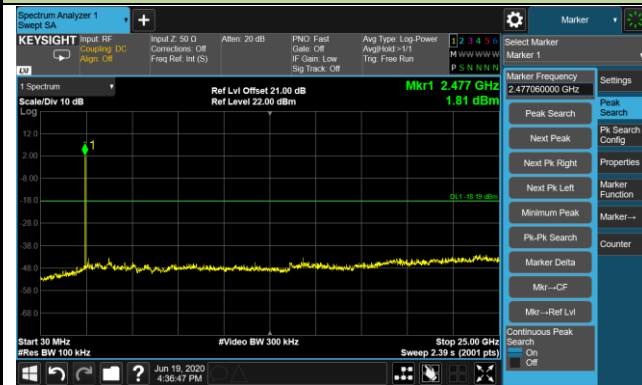
Channel 00 (2402MHz)



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 15.209 Limit		
Frequency [MHz]	Field Strength [$\mu\text{V/m}$]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

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

RSS-Gen Section 8.9 Limit			
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Magnetic Field Strength (H-Field) ($\mu\text{A/m}$)	Measured Distance (m)
0.009 - 0.490	--	6.37/F (F in kHz)	300
0.490 - 1.705	--	6.37/F (F in kHz)	30
1.705 - 30	--	0.08	30
30 - 88	100	--	3
88 - 216	150	--	3
216 - 960	200	--	3
Above 960	500	--	3

7.9.2. Test Procedure Used

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

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

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

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

7.9.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

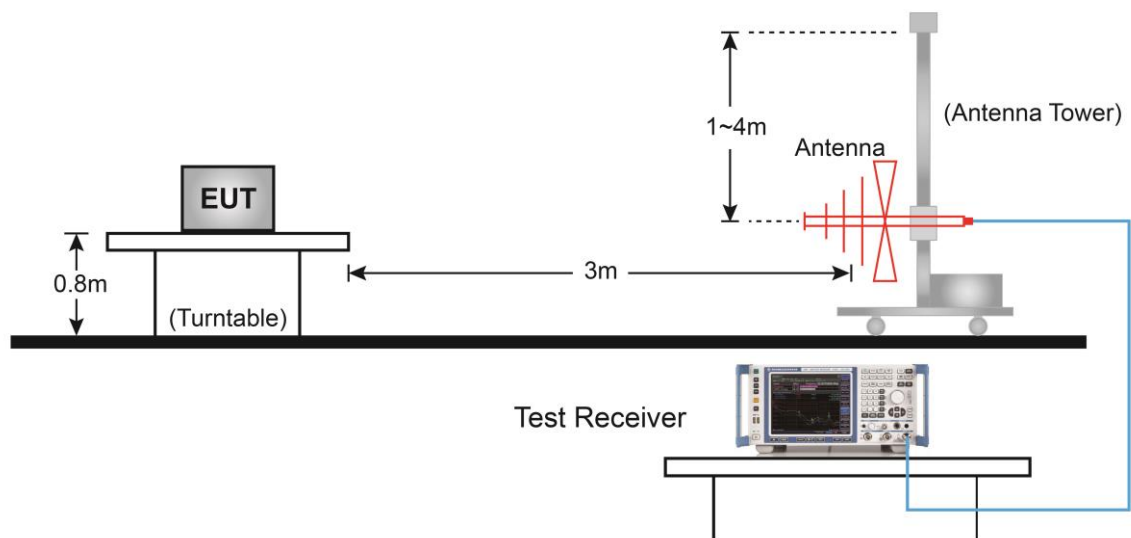
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

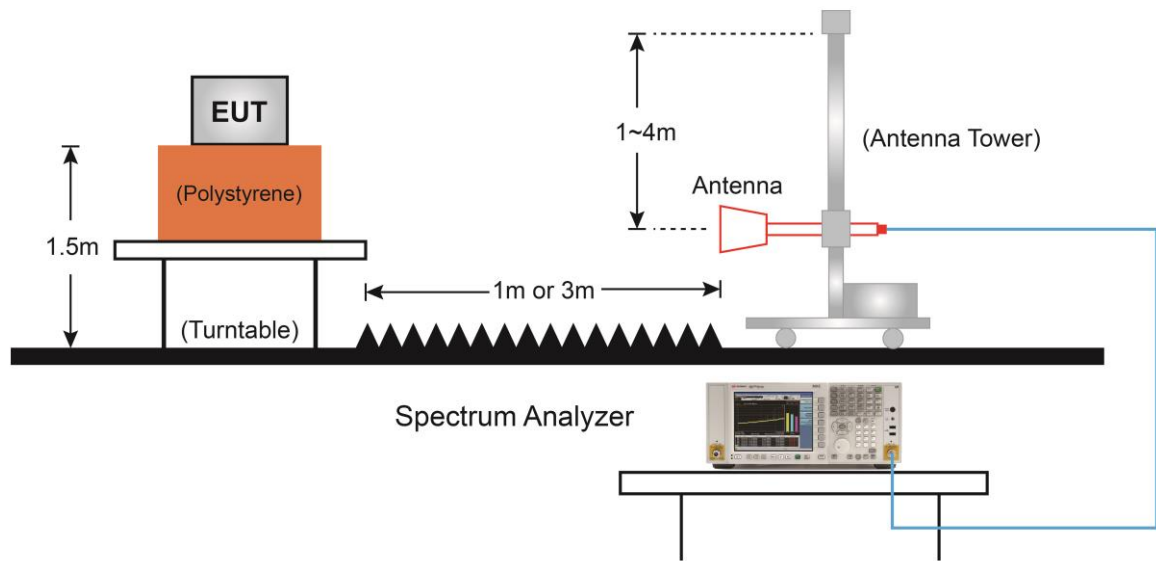
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. 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**Below 1GHz Test Setup:**

Above 1GHz Test Setup:



7.9.5.Test Result

For HSBT3007-IA configured with Onboard PCB Antenna:

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	43.7	0.2	43.9	74.0	-30.1	Peak	Horizontal
	7400.5	37.0	8.2	45.2	74.0	-28.8	Peak	Horizontal
	9610.5	36.5	10.7	47.2	74.0	-26.8	Peak	Horizontal
	10307.5	34.3	12.4	46.7	74.0	-27.3	Peak	Horizontal
	4808.0	42.8	0.2	43.0	74.0	-31.0	Peak	Vertical
	7426.0	37.9	8.1	46.0	74.0	-28.0	Peak	Vertical
	9610.5	36.6	10.7	47.3	74.0	-26.7	Peak	Vertical
	10333.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	47.7	-0.2	47.5	74.0	-26.5	Peak	Horizontal
	7324.0	42.3	8.3	50.6	74.0	-23.4	Peak	Horizontal
	9619.0	36.9	10.8	47.7	74.0	-26.3	Peak	Horizontal
	10137.5	36.6	11.1	47.7	74.0	-26.3	Peak	Horizontal
	4884.5	49.1	-0.2	48.9	74.0	-25.1	Peak	Vertical
	7324.0	38.6	8.3	46.9	74.0	-27.1	Peak	Vertical
	9687.0	36.4	10.7	47.1	74.0	-26.9	Peak	Vertical
	10248.0	35.6	11.9	47.5	74.0	-26.5	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	48.3	-0.2	48.1	74.0	-25.9	Peak	Horizontal
	7443.0	39.5	8.3	47.8	74.0	-26.2	Peak	Horizontal
	9585.0	37.5	10.4	47.9	74.0	-26.1	Peak	Horizontal
	10171.5	36.4	11.6	48.0	74.0	-26.0	Peak	Horizontal
	4961.0	49.8	-0.2	49.6	74.0	-24.4	Peak	Vertical
	7443.0	37.9	8.3	46.2	74.0	-27.8	Peak	Vertical
	9610.5	36.6	10.7	47.3	74.0	-26.7	Peak	Vertical
	10171.5	35.9	11.6	47.5	74.0	-26.5	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	41.9	0.2	42.1	74.0	-31.9	Peak	Horizontal
	7528.0	37.7	7.9	45.6	74.0	-28.4	Peak	Horizontal
	10035.5	37.3	10.9	48.2	74.0	-25.8	Peak	Horizontal
	10401.0	35.8	12.6	48.4	74.0	-25.6	Peak	Horizontal
	4808.0	41.5	0.2	41.7	74.0	-32.3	Peak	Vertical
	7545.0	37.5	8.2	45.7	74.0	-28.3	Peak	Vertical
	9602.0	36.8	10.6	47.4	74.0	-26.6	Peak	Vertical
	10341.5	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	44.2	-0.2	44.0	74.0	-30.0	Peak	Horizontal
	7349.5	37.5	8.1	45.6	74.0	-28.4	Peak	Horizontal
	10163.0	35.9	11.7	47.6	74.0	-26.4	Peak	Horizontal
	10443.5	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
	4884.5	45.3	-0.2	45.1	74.0	-28.9	Peak	Vertical
	7485.5	36.6	8.3	44.9	74.0	-29.1	Peak	Vertical
	9508.5	36.5	10.6	47.1	74.0	-26.9	Peak	Vertical
	10044.0	36.7	11.0	47.7	74.0	-26.3	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
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
	4961.0	44.1	-0.2	43.9	74.0	-30.1	Peak	Horizontal
	7443.0	38.0	8.3	46.3	74.0	-27.7	Peak	Horizontal
	9602.0	37.0	10.6	47.6	74.0	-26.4	Peak	Horizontal
	10443.5	35.2	12.5	47.7	74.0	-26.3	Peak	Horizontal
	4961.0	46.1	-0.2	45.9	74.0	-28.1	Peak	Vertical
	7460.0	36.9	8.3	45.2	74.0	-28.8	Peak	Vertical
	9993.0	36.4	11.1	47.5	74.0	-26.5	Peak	Vertical
	10324.5	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	42.2	0.2	42.4	74.0	-31.6	Peak	Horizontal
	7417.5	38.4	8.1	46.5	74.0	-27.5	Peak	Horizontal
	9721.0	34.6	10.8	45.4	74.0	-28.6	Peak	Horizontal
	10120.5	35.2	11.2	46.4	74.0	-27.6	Peak	Horizontal
	4799.5	42.7	0.2	42.9	74.0	-31.1	Peak	Vertical
	7400.5	37.4	8.2	45.6	74.0	-28.4	Peak	Vertical
	9610.5	36.8	10.7	47.5	74.0	-26.5	Peak	Vertical
	10171.5	35.8	11.6	47.4	74.0	-26.6	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	44.4	-0.2	44.2	74.0	-29.8	Peak	Horizontal
	7324.0	39.0	8.3	47.3	74.0	-26.7	Peak	Horizontal
	9619.0	36.4	10.8	47.2	74.0	-26.8	Peak	Horizontal
	10265.0	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
	4884.5	45.6	-0.2	45.4	74.0	-28.6	Peak	Vertical
	7562.0	37.9	8.1	46.0	74.0	-28.0	Peak	Vertical
	9678.5	35.6	10.7	46.3	74.0	-27.7	Peak	Vertical
	10452.0	35.2	12.5	47.7	74.0	-26.3	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	45.6	-0.2	45.4	74.0	-28.6	Peak	Horizontal
	7536.5	36.9	8.1	45.0	74.0	-29.0	Peak	Horizontal
	9721.0	34.4	10.8	45.2	74.0	-28.8	Peak	Horizontal
	10265.0	34.0	12.2	46.2	74.0	-27.8	Peak	Horizontal
	4961.0	46.1	-0.2	45.9	74.0	-28.1	Peak	Vertical
	7485.5	36.9	8.3	45.2	74.0	-28.8	Peak	Vertical
	9967.5	36.0	11.4	47.4	74.0	-26.6	Peak	Vertical
	10358.5	34.5	12.6	47.1	74.0	-26.9	Peak	Vertical

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

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

For HSBT3007-EA configured with External PCB Antenna:

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	42.2	0.2	42.4	74.0	-31.6	Peak	Horizontal
	7528.0	36.9	7.9	44.8	74.0	-29.2	Peak	Horizontal
	9695.5	36.2	10.8	47.0	74.0	-27.0	Peak	Horizontal
	10333.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
	4808.0	43.3	0.2	43.5	74.0	-30.5	Peak	Vertical
	7409.0	36.6	8.2	44.8	74.0	-29.2	Peak	Vertical
	9610.5	35.1	10.7	45.8	74.0	-28.2	Peak	Vertical
	10477.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
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
	4961.0	49.5	-0.2	49.3	74.0	-24.7	Peak	Horizontal
	7426.0	36.2	8.1	44.3	74.0	-29.7	Peak	Horizontal
	9976.0	35.9	11.4	47.3	74.0	-26.7	Peak	Horizontal
	10460.5	34.0	12.6	46.6	74.0	-27.4	Peak	Horizontal
	4961.0	46.9	-0.2	46.7	74.0	-27.3	Peak	Vertical
	7477.0	36.5	8.2	44.7	74.0	-29.3	Peak	Vertical
	9678.5	36.3	10.7	47.0	74.0	-27.0	Peak	Vertical
	10477.5	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
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
	4884.5	46.8	-0.2	46.6	74.0	-27.4	Peak	Horizontal
	7451.5	36.1	8.3	44.4	74.0	-29.6	Peak	Horizontal
	9729.5	36.3	10.8	47.1	74.0	-26.9	Peak	Horizontal
	10435.0	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	4884.5	48.7	-0.2	48.5	74.0	-25.5	Peak	Vertical
	7324.0	37.5	8.3	45.8	74.0	-28.2	Peak	Vertical
	9806.0	35.9	10.7	46.6	74.0	-27.4	Peak	Vertical
	10350.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	42.5	0.2	42.7	74.0	-31.3	Peak	Horizontal
	7579.0	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
	9644.5	37.3	10.6	47.9	74.0	-26.1	Peak	Horizontal
	10214.0	35.6	12.0	47.6	74.0	-26.4	Peak	Horizontal
	4808.0	42.6	0.2	42.8	74.0	-31.2	Peak	Vertical
	7553.5	36.8	8.2	45.0	74.0	-29.0	Peak	Vertical
	9687.0	35.6	10.7	46.3	74.0	-27.7	Peak	Vertical
	10316.0	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	42.9	-0.2	42.7	74.0	-31.3	Peak	Horizontal
	7383.5	36.2	8.1	44.3	74.0	-29.7	Peak	Horizontal
	9789.0	36.1	10.7	46.8	74.0	-27.2	Peak	Horizontal
	10256.5	35.7	12.1	47.8	74.0	-26.2	Peak	Horizontal
	4884.5	44.2	-0.2	44.0	74.0	-30.0	Peak	Vertical
	7375.0	36.5	8.0	44.5	74.0	-29.5	Peak	Vertical
	9644.5	36.1	10.6	46.7	74.0	-27.3	Peak	Vertical
	10358.5	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
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
	4961.0	44.3	-0.2	44.1	74.0	-29.9	Peak	Horizontal
	7332.5	36.6	8.1	44.7	74.0	-29.3	Peak	Horizontal
	9687.0	36.1	10.7	46.8	74.0	-27.2	Peak	Horizontal
	10341.5	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
	4961.0	43.4	-0.2	43.2	74.0	-30.8	Peak	Vertical
	7511.0	36.5	7.9	44.4	74.0	-29.6	Peak	Vertical
	9789.0	35.5	10.7	46.2	74.0	-27.8	Peak	Vertical
	10214.0	36.0	12.0	48.0	74.0	-26.0	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	40.8	0.2	41.0	74.0	-33.0	Peak	Horizontal
	7596.0	36.0	8.2	44.2	74.0	-29.8	Peak	Horizontal
	9687.0	35.4	10.7	46.1	74.0	-27.9	Peak	Horizontal
	10333.0	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
	4808.0	43.0	0.2	43.2	74.0	-30.8	Peak	Vertical
	7681.0	36.5	8.5	45.0	74.0	-29.0	Peak	Vertical
	9687.0	36.1	10.7	46.8	74.0	-27.2	Peak	Vertical
	10443.5	33.9	12.5	46.4	74.0	-27.6	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	44.7	-0.2	44.5	74.0	-29.5	Peak	Horizontal
	7468.5	36.4	8.2	44.6	74.0	-29.4	Peak	Horizontal
	9704.0	36.6	10.8	47.4	74.0	-26.6	Peak	Horizontal
	10248.0	35.8	11.9	47.7	74.0	-26.3	Peak	Horizontal
	4884.5	46.3	-0.2	46.1	74.0	-27.9	Peak	Vertical
	7358.0	37.0	8.1	45.1	74.0	-28.9	Peak	Vertical
	9772.0	36.2	10.6	46.8	74.0	-27.2	Peak	Vertical
	10571.0	34.2	13.1	47.3	74.0	-26.7	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	44.6	-0.2	44.4	74.0	-29.6	Peak	Horizontal
	7383.5	36.4	8.1	44.5	74.0	-29.5	Peak	Horizontal
	9729.5	35.4	10.8	46.2	74.0	-27.8	Peak	Horizontal
	10452.0	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
	4961.0	43.2	-0.2	43.0	74.0	-31.0	Peak	Vertical
	7409.0	37.6	8.2	45.8	74.0	-28.2	Peak	Vertical
	9721.0	35.8	10.8	46.6	74.0	-27.4	Peak	Vertical
	10316.0	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical

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

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

For HSBT3007-EA configured with External Dipole Antenna:

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	46.5	0.2	46.7	74.0	-27.3	Peak	Horizontal
	7349.5	37.4	8.1	45.5	74.0	-28.5	Peak	Horizontal
	9721.0	34.6	10.8	45.4	74.0	-28.6	Peak	Horizontal
	10350.0	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
	4808.0	41.8	0.2	42.0	74.0	-32.0	Peak	Vertical
	7477.0	36.4	8.2	44.6	74.0	-29.4	Peak	Vertical
	9976.0	35.9	11.4	47.3	74.0	-26.7	Peak	Vertical
	10350.0	34.3	12.6	46.9	74.0	-27.1	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	52.7	-0.2	52.5	74.0	-21.5	Peak	Horizontal
	7485.5	37.8	8.3	46.1	74.0	-27.9	Peak	Horizontal
	9772.0	35.2	10.6	45.8	74.0	-28.2	Peak	Horizontal
	10409.5	34.4	12.7	47.1	74.0	-26.9	Peak	Horizontal
	4884.5	46.3	-0.2	46.1	74.0	-27.9	Peak	Vertical
	7324.0	39.3	8.3	47.6	74.0	-26.4	Peak	Vertical
	9687.0	35.9	10.7	46.6	74.0	-27.4	Peak	Vertical
	10443.5	34.9	12.5	47.4	74.0	-26.6	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	48.2	-0.2	48.0	74.0	-26.0	Peak	Horizontal
	7426.0	37.3	8.1	45.4	74.0	-28.6	Peak	Horizontal
	9882.5	35.4	10.9	46.3	74.0	-27.7	Peak	Horizontal
	10282.0	34.1	12.1	46.2	74.0	-27.8	Peak	Horizontal
	4961.0	47.1	-0.2	46.9	74.0	-27.1	Peak	Vertical
	7358.0	37.1	8.1	45.2	74.0	-28.8	Peak	Vertical
	9729.5	35.7	10.8	46.5	74.0	-27.5	Peak	Vertical
	10282.0	35.3	12.1	47.4	74.0	-26.6	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	50.3	0.2	50.5	74.0	-23.5	Peak	Horizontal
	7502.5	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
	9602.0	36.5	10.6	47.1	74.0	-26.9	Peak	Horizontal
	10171.5	36.2	11.6	47.8	74.0	-26.2	Peak	Horizontal
	4808.0	44.0	0.2	44.2	74.0	-29.8	Peak	Vertical
	7426.0	37.7	8.1	45.8	74.0	-28.2	Peak	Vertical
	9772.0	36.1	10.6	46.7	74.0	-27.3	Peak	Vertical
	10273.5	34.6	12.2	46.8	74.0	-27.2	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	2DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	53.1	-0.2	52.9	74.0	-21.1	Peak	Horizontal
	7324.0	37.8	8.3	46.1	74.0	-27.9	Peak	Horizontal
	9772.0	35.9	10.6	46.5	74.0	-27.5	Peak	Horizontal
	10401.0	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
	4884.5	46.6	-0.2	46.4	74.0	-27.6	Peak	Vertical
	7324.0	38.0	8.3	46.3	74.0	-27.7	Peak	Vertical
	9593.5	36.5	10.5	47.0	74.0	-27.0	Peak	Vertical
	10511.5	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
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
	4961.0	51.3	-0.2	51.1	74.0	-22.9	Peak	Horizontal
	7536.5	36.7	8.1	44.8	74.0	-29.2	Peak	Horizontal
	9857.0	34.1	10.9	45.0	74.0	-29.0	Peak	Horizontal
	10418.0	32.9	12.7	45.6	74.0	-28.4	Peak	Horizontal
	4961.0	46.9	-0.2	46.7	74.0	-27.3	Peak	Vertical
	7443.0	38.6	8.3	46.9	74.0	-27.1	Peak	Vertical
	9772.0	34.5	10.6	45.1	74.0	-28.9	Peak	Vertical
	10214.0	34.1	12.0	46.1	74.0	-27.9	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	00
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	47.3	0.2	47.5	74.0	-26.5	Peak	Horizontal
	7426.0	36.8	8.1	44.9	74.0	-29.1	Peak	Horizontal
	9721.0	35.1	10.8	45.9	74.0	-28.1	Peak	Horizontal
	10307.5	34.5	12.4	46.9	74.0	-27.1	Peak	Horizontal
	4808.0	43.2	0.2	43.4	74.0	-30.6	Peak	Vertical
	7630.0	36.4	8.1	44.5	74.0	-29.5	Peak	Vertical
	9712.5	35.6	10.9	46.5	74.0	-27.5	Peak	Vertical
	10333.0	33.8	12.6	46.4	74.0	-27.6	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	39
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	50.7	-0.2	50.5	74.0	-23.5	Peak	Horizontal
	7341.0	37.1	8.0	45.1	74.0	-28.9	Peak	Horizontal
	9797.5	35.7	10.7	46.4	74.0	-27.6	Peak	Horizontal
	10265.0	33.8	12.2	46.0	74.0	-28.0	Peak	Horizontal
	4884.5	44.4	-0.2	44.2	74.0	-29.8	Peak	Vertical
	7630.0	36.4	8.1	44.5	74.0	-29.5	Peak	Vertical
	9619.0	36.1	10.8	46.9	74.0	-27.1	Peak	Vertical
	10324.5	35.5	12.7	48.2	74.0	-25.8	Peak	Vertical

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

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

Product	Bluetooth Module	Test Engineer	Kyrie Xie
Test Site	AC2	Test Date	2020/06/21~2020/06/22
Test Mode	3DH5	Test Channel	78
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

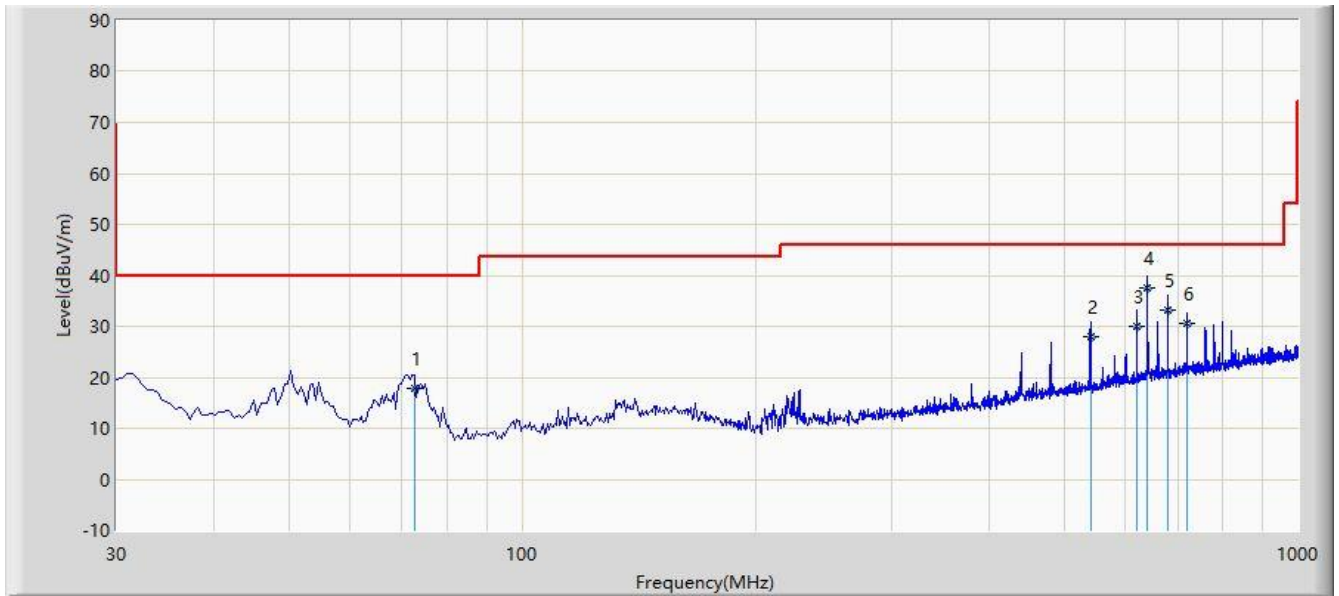
Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	49.8	-0.2	49.6	74.0	-24.4	Peak	Horizontal
	7528.0	36.7	7.9	44.6	74.0	-29.4	Peak	Horizontal
	9891.0	35.7	11.0	46.7	74.0	-27.3	Peak	Horizontal
	10401.0	33.2	12.6	45.8	74.0	-28.2	Peak	Horizontal
	4961.0	43.4	-0.2	43.2	74.0	-30.8	Peak	Vertical
	7468.5	35.5	8.2	43.7	74.0	-30.3	Peak	Vertical
	9678.5	35.7	10.7	46.4	74.0	-27.6	Peak	Vertical
	10392.5	34.3	12.5	46.8	74.0	-27.2	Peak	Vertical

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/06/27 - 16:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Tyler Yuan
Probe: AC1_VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2441MHz, for HSBT3007-EA configured with External Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			72.625	17.961	7.160	-22.039	40.000	10.802	QP
2			540.260	27.827	9.550	-18.173	46.000	18.277	QP
3			620.245	30.059	10.220	-15.941	46.000	19.839	QP
4		*	640.620	37.398	17.260	-8.602	46.000	20.138	QP
5			679.326	33.088	12.460	-12.912	46.000	20.628	QP
6			720.126	30.713	9.590	-15.287	46.000	21.123	QP

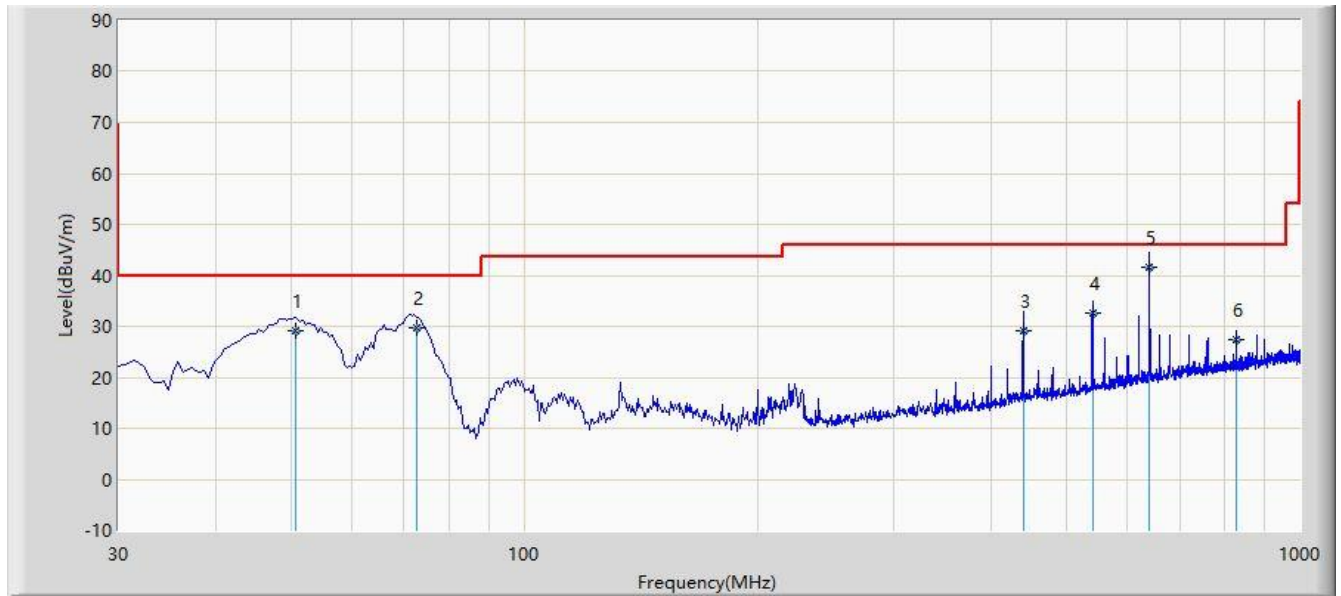
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/06/27 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Tyler Yuan
Probe: AC1_VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2441MHz, for HSBT3007-EA configured with External Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			50.855	29.045	15.260	-10.955	40.000	13.785	QP
2			72.612	29.753	18.950	-10.247	40.000	10.803	QP
3			439.820	29.270	12.590	-16.730	46.000	16.680	QP
4			540.620	32.504	14.220	-13.496	46.000	18.285	QP
5		*	640.620	41.468	21.330	-4.532	46.000	20.138	QP
6			827.160	27.459	5.260	-18.541	46.000	22.199	QP

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

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

FCC Part 15.209 Limit		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For RSS-Gen Section 8.10 Requirement

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

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

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

RSS-Gen Section 8.9 Limit			
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Magnetic Field Strength (H-Field) ($\mu\text{A/m}$)	Measured Distance (m)
0.009 - 0.490	--	6.37/F (F in kHz)	300
0.490 - 1.705	--	6.37/F (F in kHz)	30
1.705 - 30	--	0.08	30
30 - 88	100	--	3
88 - 216	150	--	3
216 - 960	200	--	3
Above 960	500	--	3

7.10.2.Test Procedure Used

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

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

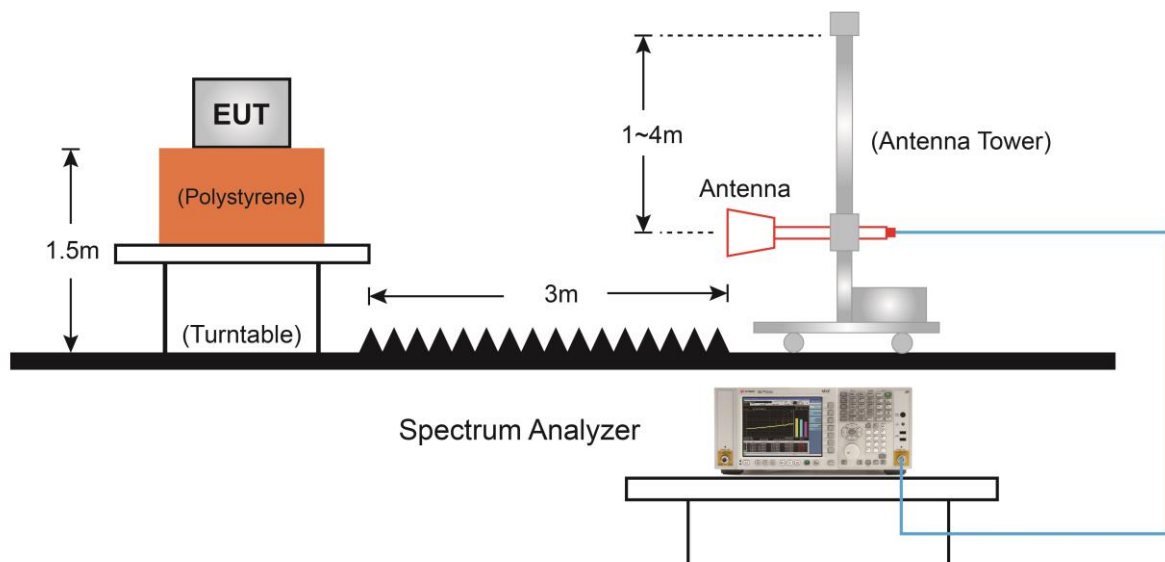
7.10.3.Test Setting

Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

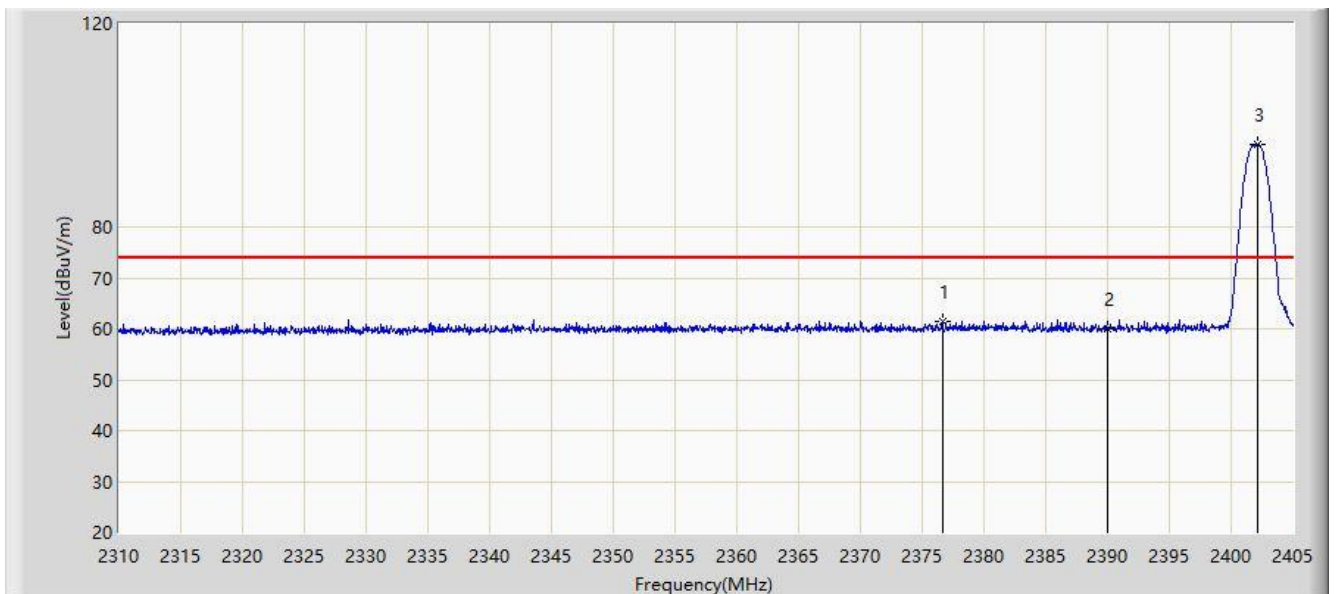
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. Set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.10.4.Test Setup

7.10.5.Test Result

For HSBT3007-IA configured with Onboard PCB Antenna:

Site: AC2	Time: 2020/06/21 - 14:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

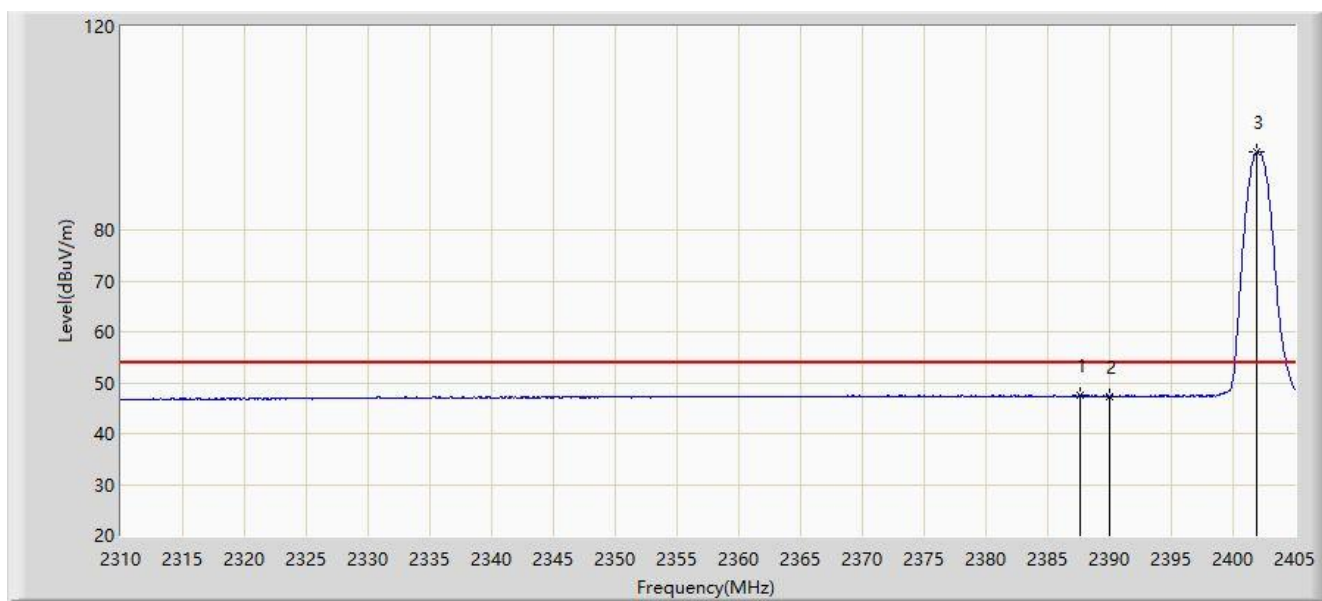


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.643	61.478	32.158	-12.522	74.000	29.320	PK
2			2390.000	59.945	30.650	-14.055	74.000	29.296	PK
3		*	2402.103	96.294	67.019	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 14:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

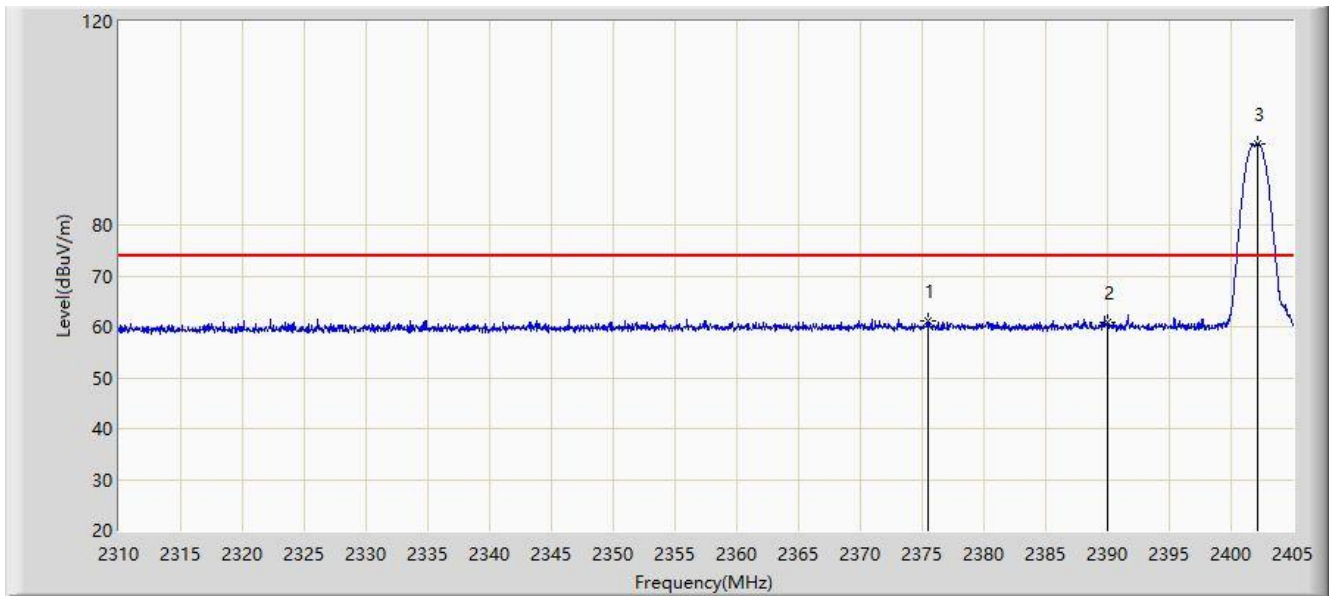


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.567	47.491	18.194	-6.509	54.000	29.297	AV
2			2390.000	47.355	18.060	-6.645	54.000	29.296	AV
3		*	2401.913	95.314	66.038	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 14:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

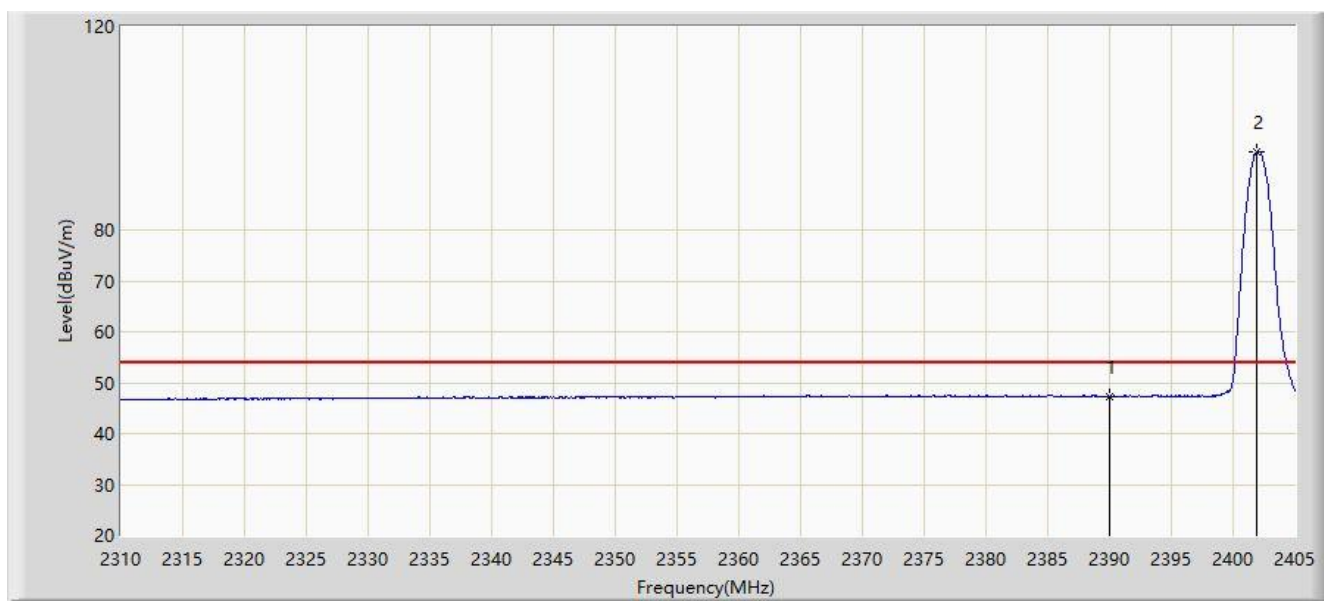


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.502	61.166	31.836	-12.834	74.000	29.329	PK
2			2390.000	60.749	31.454	-13.251	74.000	29.296	PK
3		*	2402.103	95.936	66.661	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 14:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

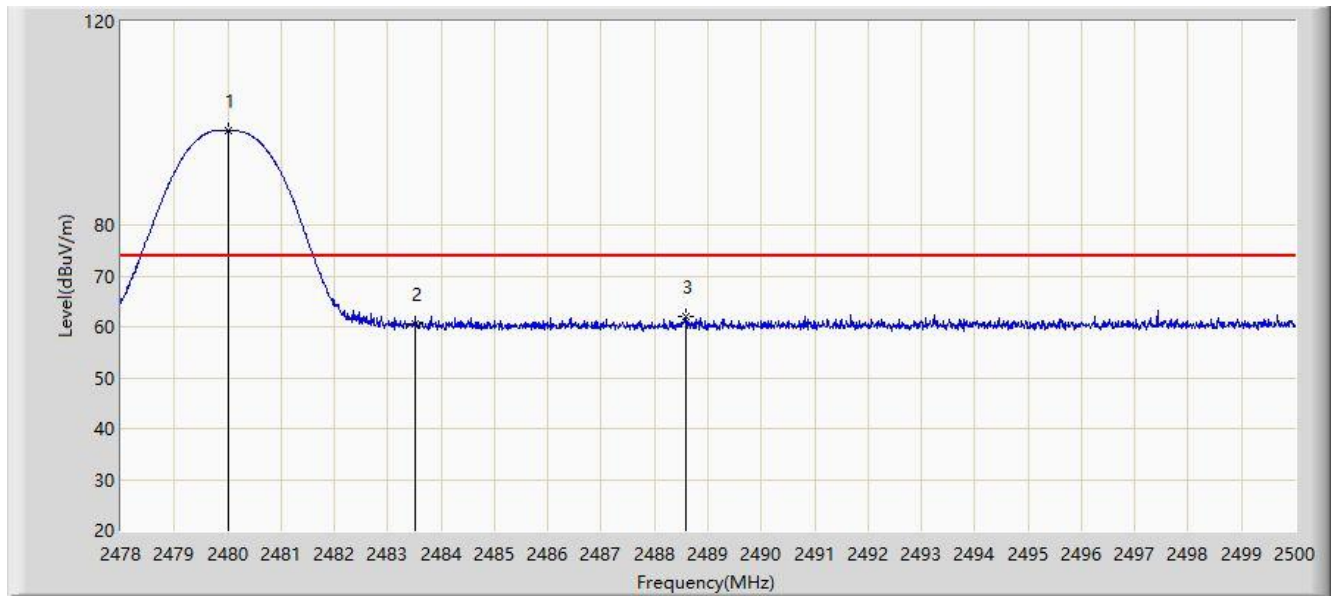


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.272	17.977	-6.728	54.000	29.296	AV
2		*	2401.960	95.401	66.126	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 14:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

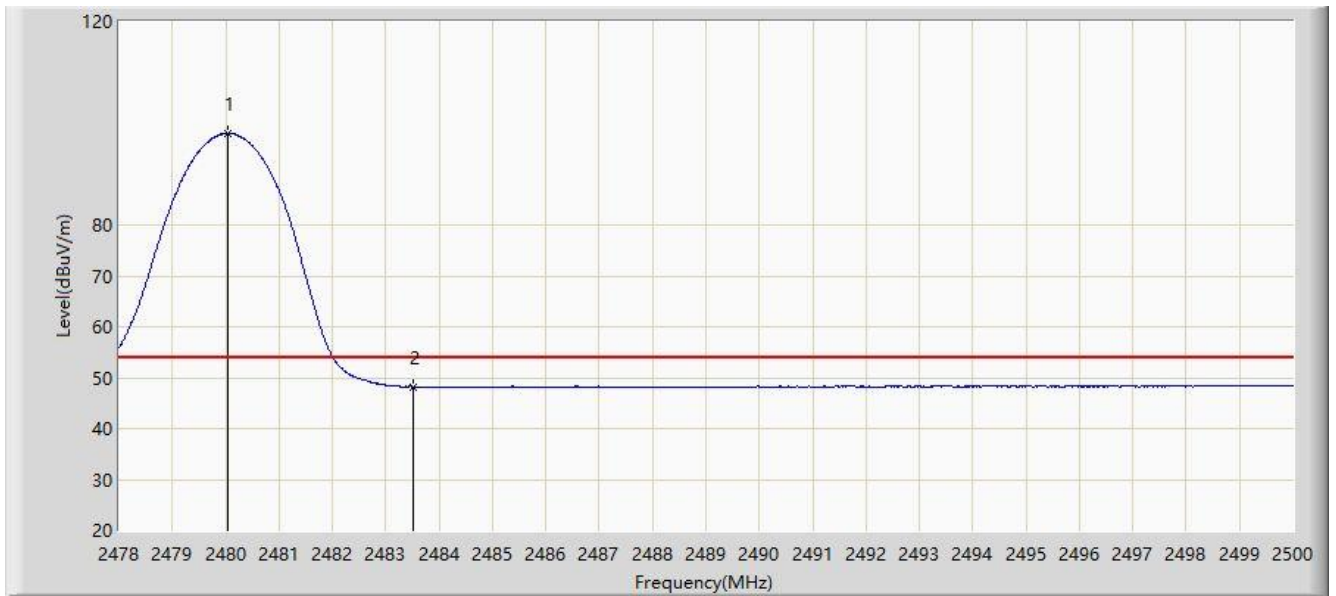


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	98.502	69.364	N/A	N/A	29.138	PK
2			2483.500	60.539	31.396	-13.461	74.000	29.143	PK
3			2488.582	61.984	32.838	-12.016	74.000	29.146	PK

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

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

Site: AC2	Time: 2020/06/21 - 14:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

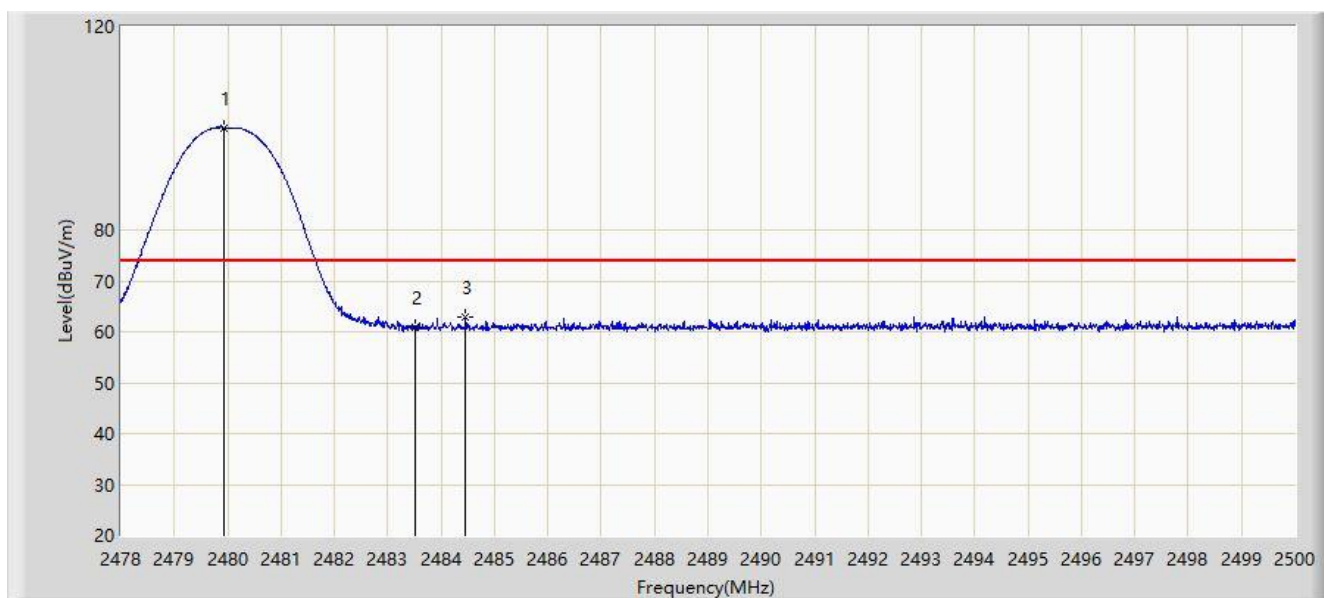


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	97.968	68.829	N/A	N/A	29.139	AV
2			2483.500	48.230	19.087	-5.770	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/21 - 14:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

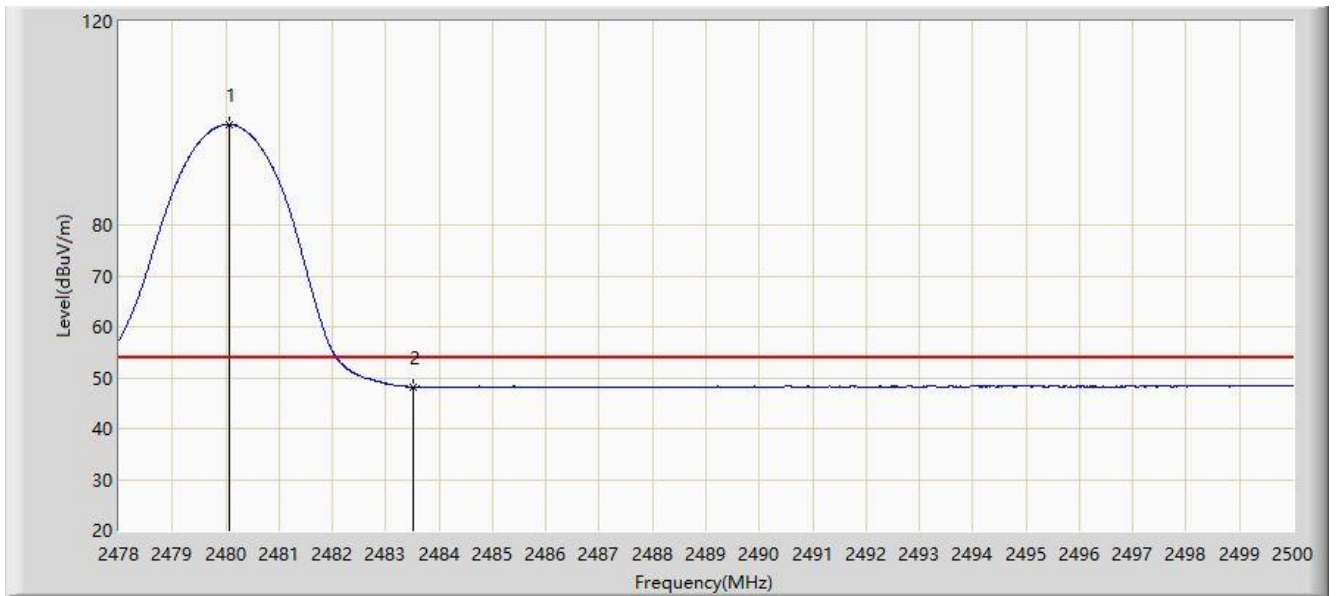


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	100.111	70.973	N/A	N/A	29.138	PK
2			2483.500	60.829	31.686	-13.171	74.000	29.143	PK
3			2484.457	62.838	33.693	-11.162	74.000	29.145	PK

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

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

Site: AC2	Time: 2020/06/21 - 14:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

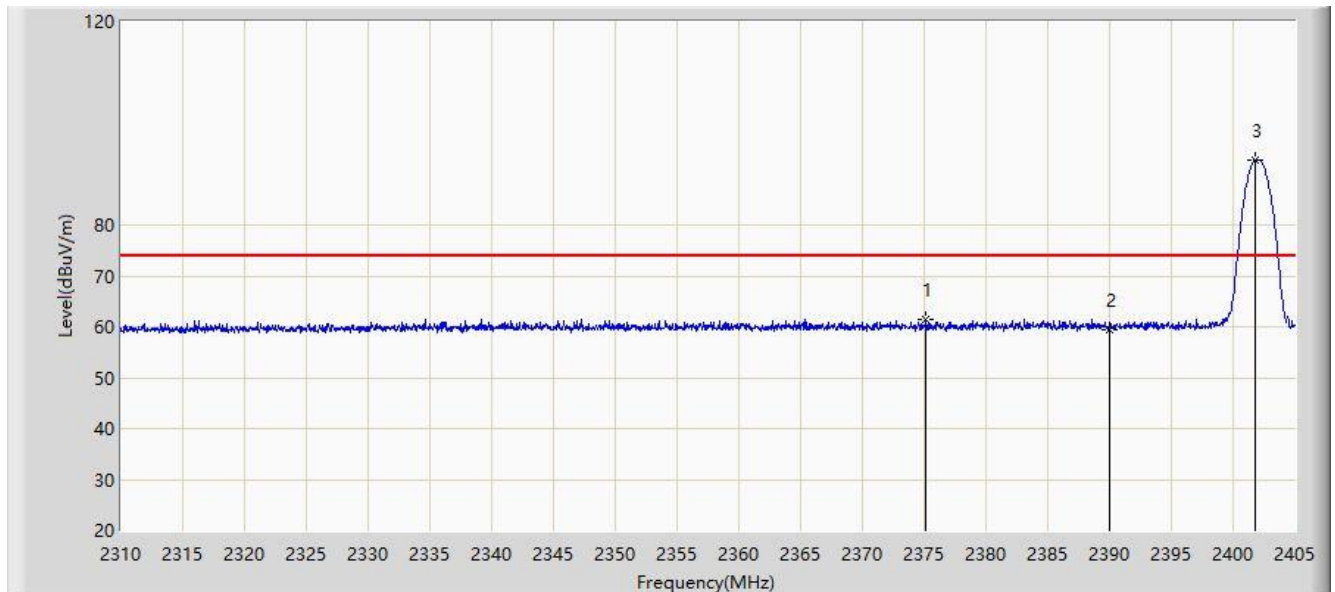


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.079	99.724	70.585	N/A	N/A	29.139	AV
2			2483.500	48.221	19.078	-5.779	54.000	29.143	AV

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

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

Engineer: Kyrie Xie	
Site: AC2	Time: 2020/06/21 - 15:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

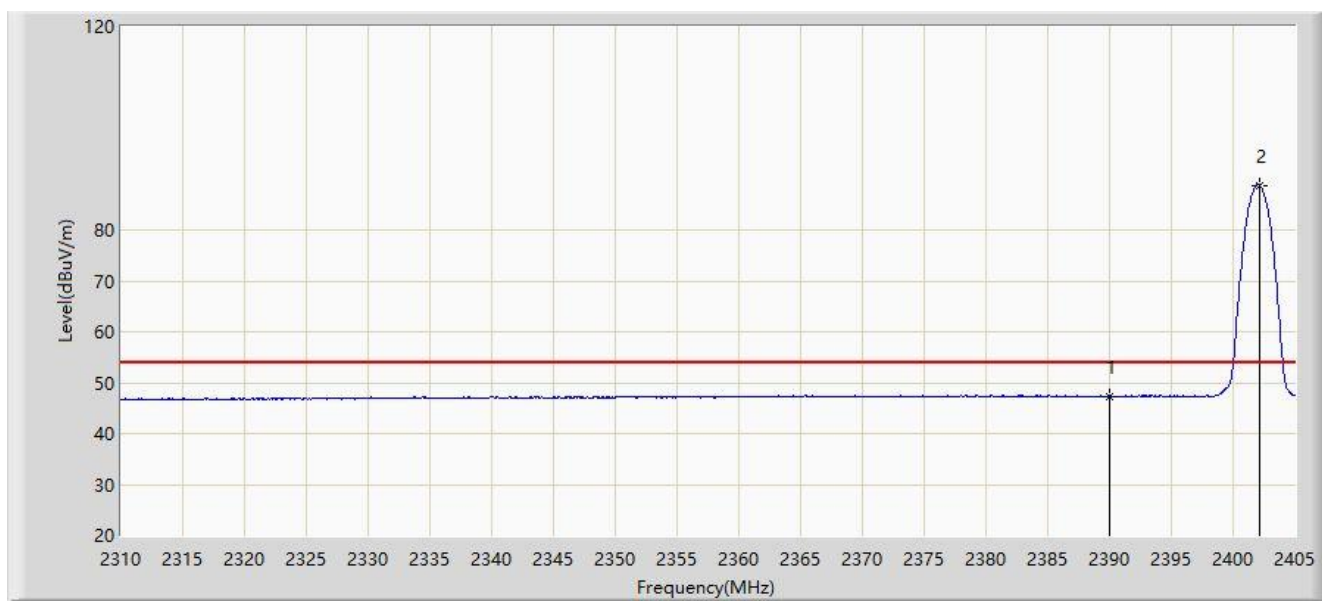


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.123	61.496	32.163	-12.504	74.000	29.333	PK
2			2390.000	59.507	30.212	-14.493	74.000	29.296	PK
3		*	2401.770	92.837	63.561	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

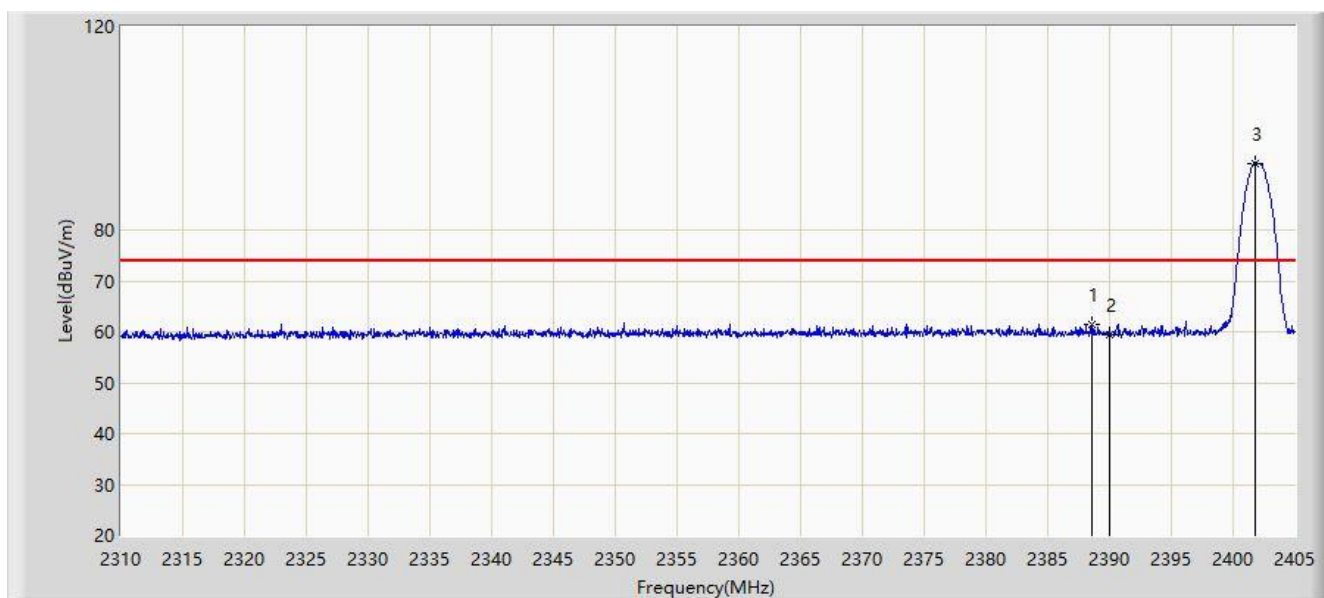


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.390	18.095	-6.610	54.000	29.296	AV
2		*	2402.150	88.816	59.541	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

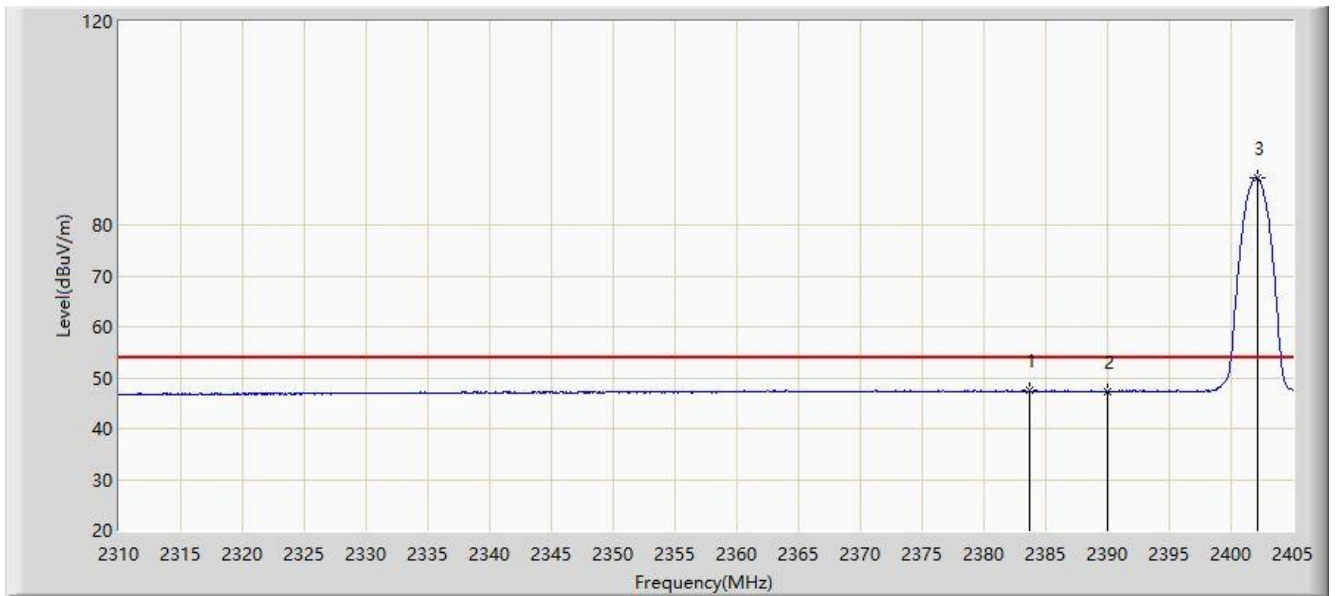


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.613	61.530	32.234	-12.470	74.000	29.296	PK
2			2390.000	59.398	30.103	-14.602	74.000	29.296	PK
3		*	2401.770	93.161	63.885	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

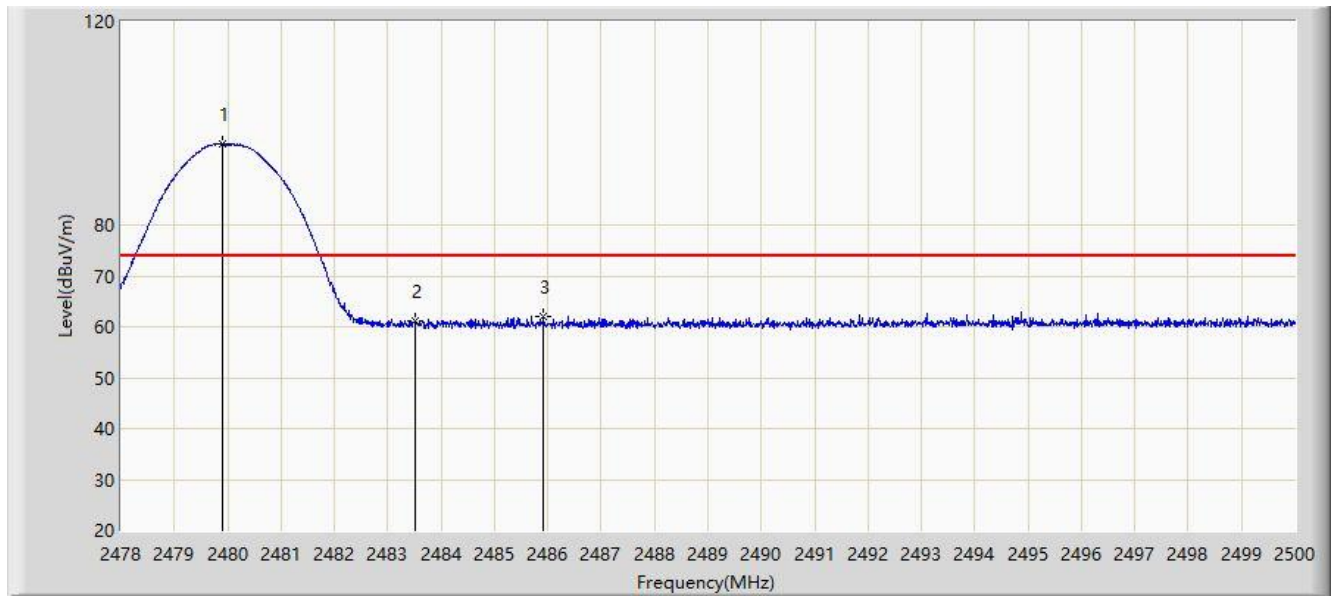


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.673	47.487	18.187	-6.513	54.000	29.300	AV
2			2390.000	47.253	17.958	-6.747	54.000	29.296	AV
3		*	2402.150	89.220	59.945	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

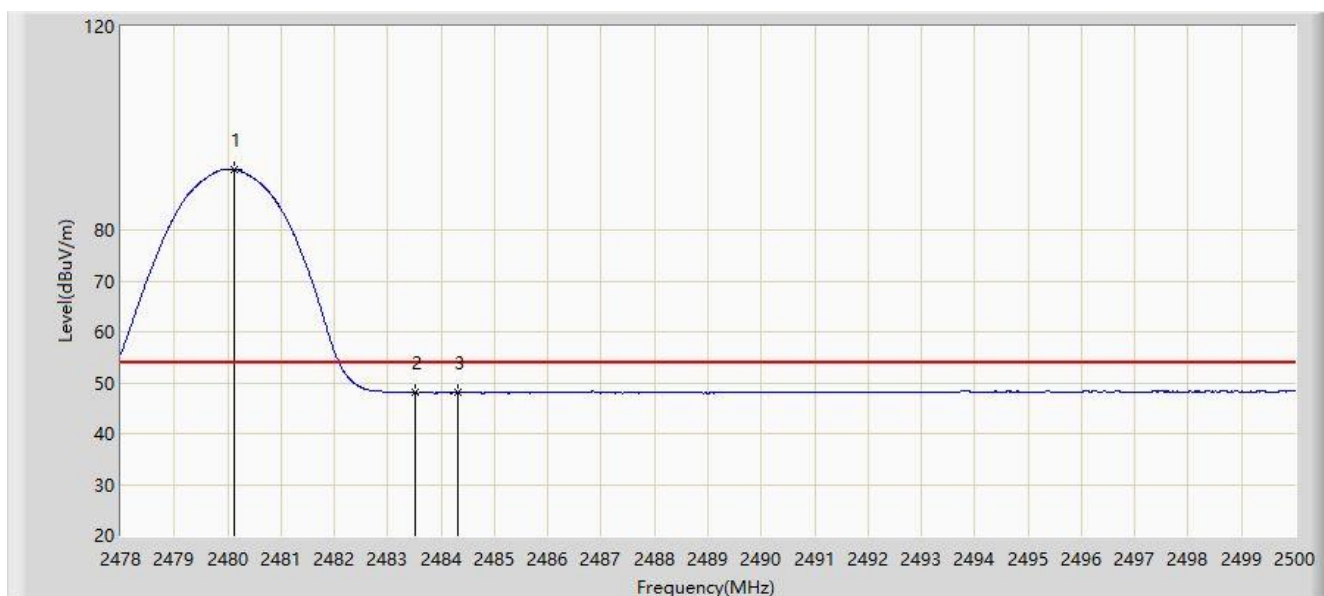


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	95.968	66.830	N/A	N/A	29.138	PK
2			2483.500	61.160	32.017	-12.840	74.000	29.143	PK
3			2485.920	62.131	32.984	-11.869	74.000	29.147	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

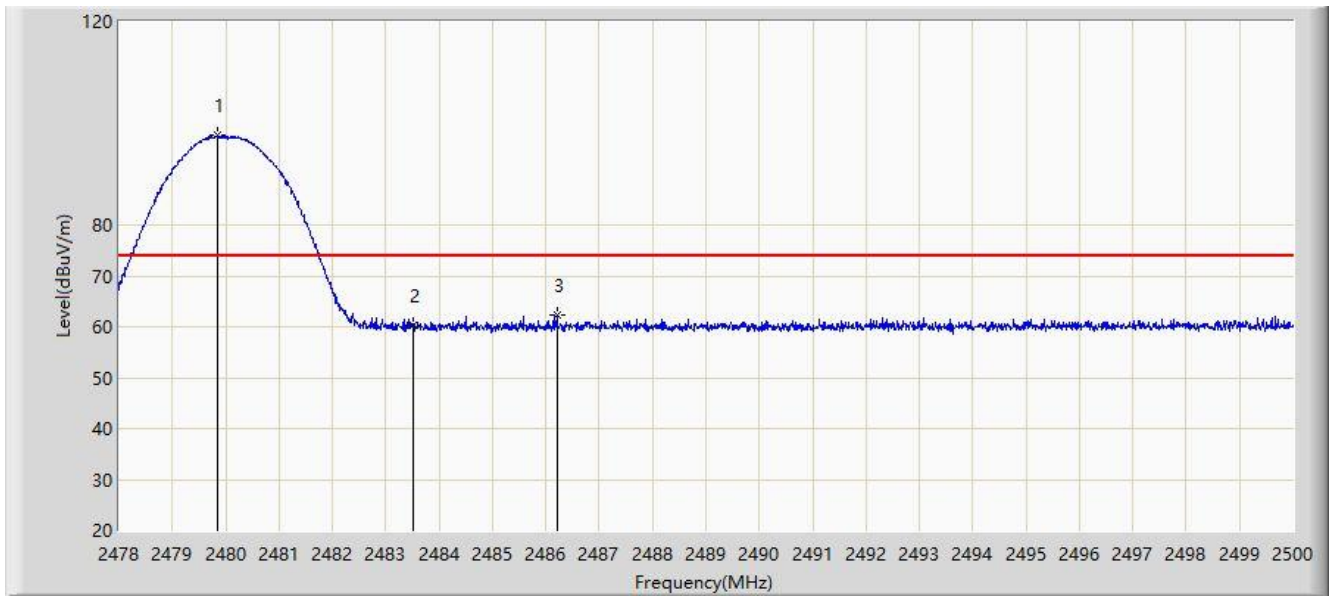


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	91.942	62.803	N/A	N/A	29.139	AV
2			2483.500	48.083	18.940	-5.917	54.000	29.143	AV
3			2484.314	48.135	18.991	-5.865	54.000	29.144	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

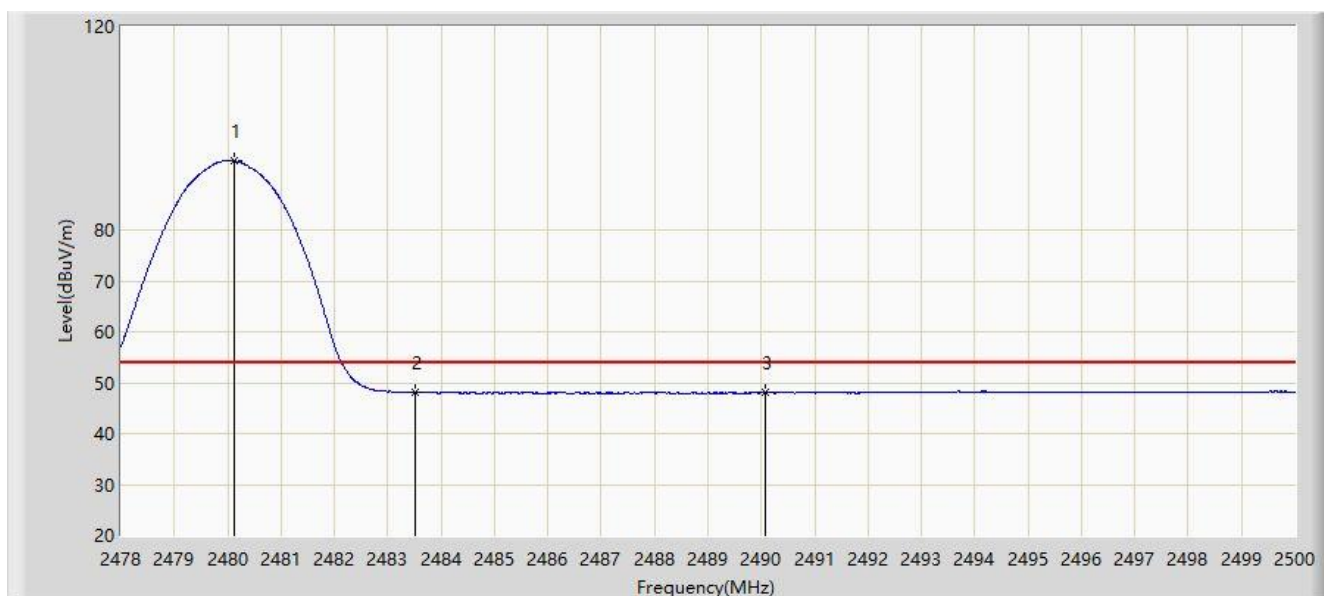


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	97.538	68.400	N/A	N/A	29.138	PK
2			2483.500	60.330	31.187	-13.670	74.000	29.143	PK
3			2486.206	62.390	33.243	-11.610	74.000	29.147	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

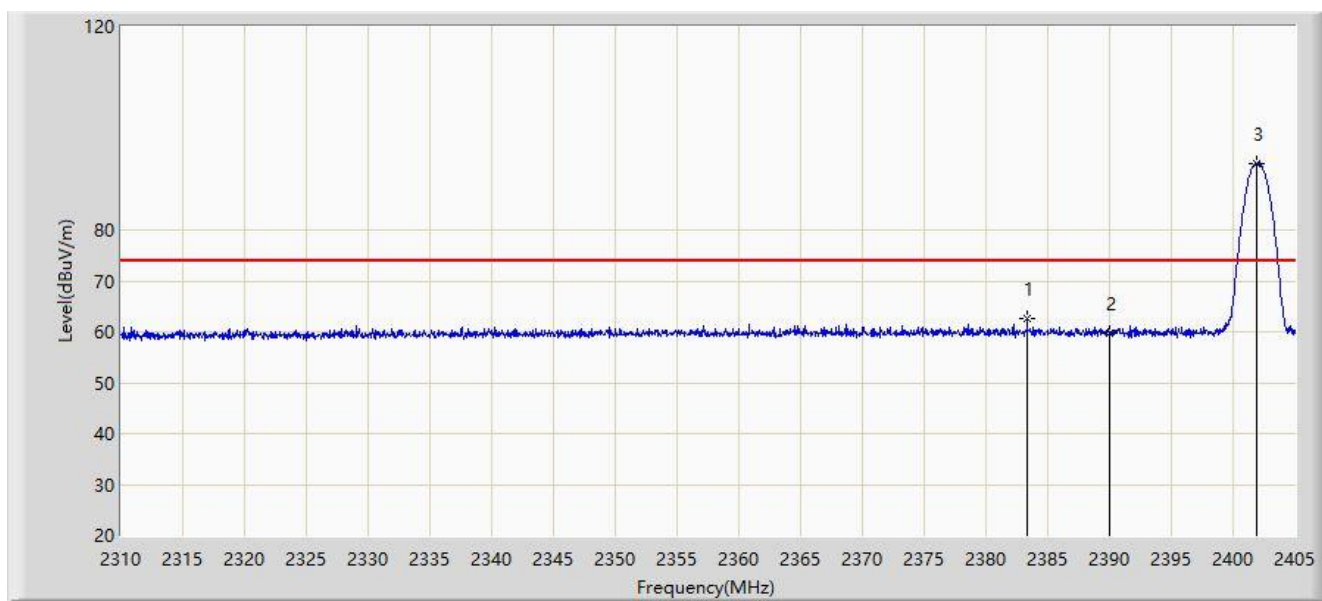


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	93.657	64.518	N/A	N/A	29.139	AV
2			2483.500	48.031	18.888	-5.969	54.000	29.143	AV
3			2490.067	48.116	18.974	-5.884	54.000	29.142	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

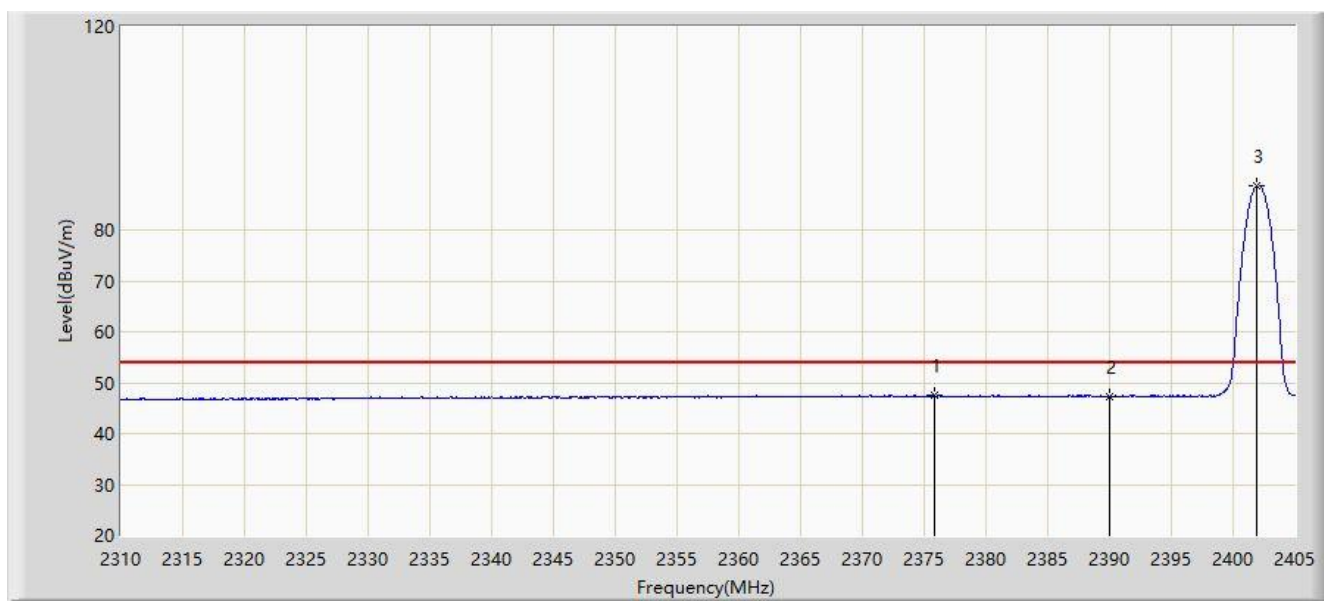


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.340	62.711	33.410	-11.289	74.000	29.300	PK
2			2390.000	59.667	30.372	-14.333	74.000	29.296	PK
3		*	2401.865	93.174	63.898	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

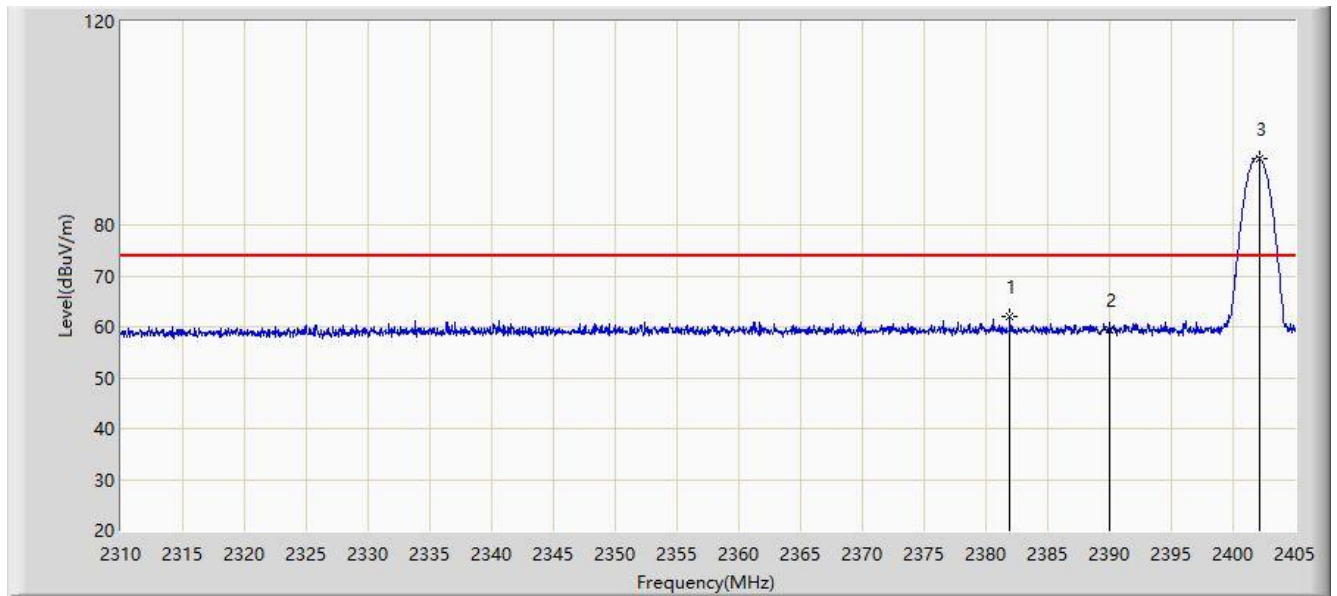


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.835	47.519	18.192	-6.481	54.000	29.327	AV
2			2390.000	47.279	17.984	-6.721	54.000	29.296	AV
3		*	2401.960	88.836	59.561	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

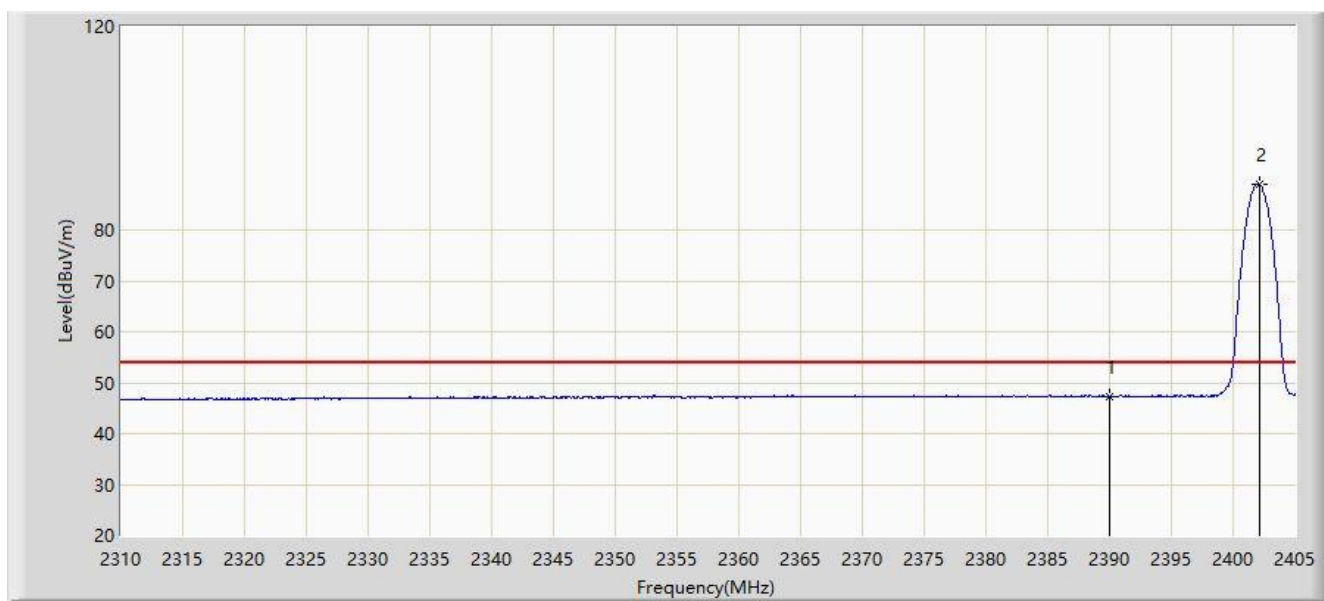


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.962	61.964	32.662	-12.036	74.000	29.302	PK
2			2390.000	59.424	30.129	-14.576	74.000	29.296	PK
3		*	2402.150	93.141	63.866	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

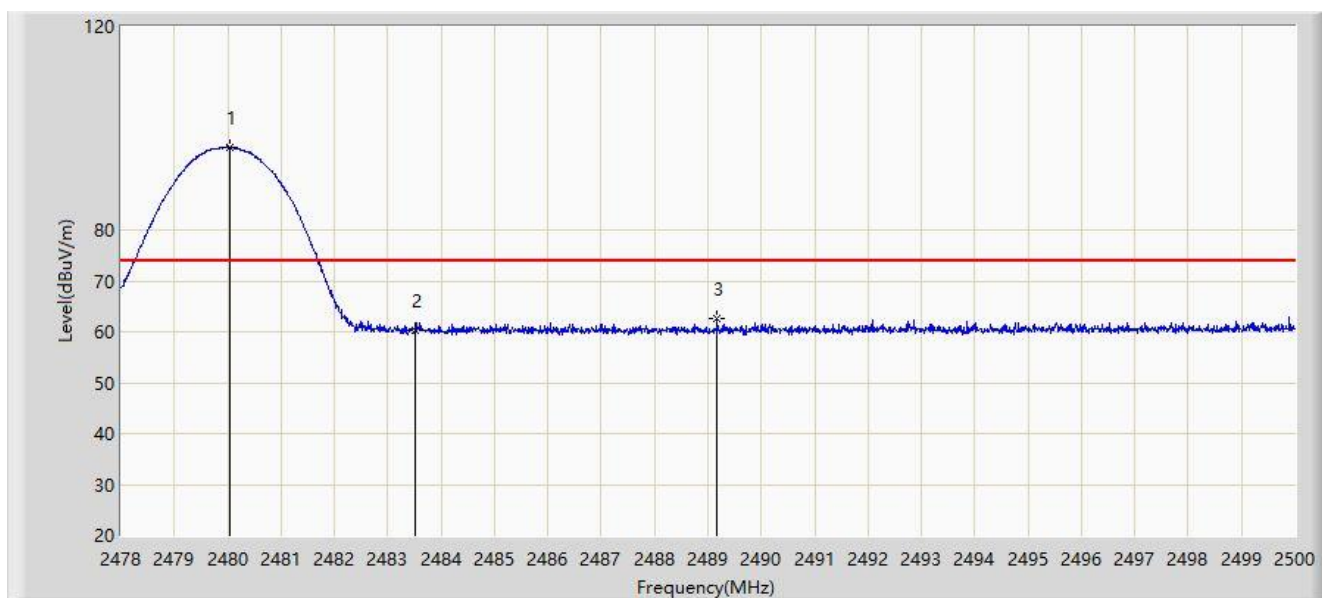


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.293	17.998	-6.707	54.000	29.296	AV
2		*	2402.150	88.986	59.711	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

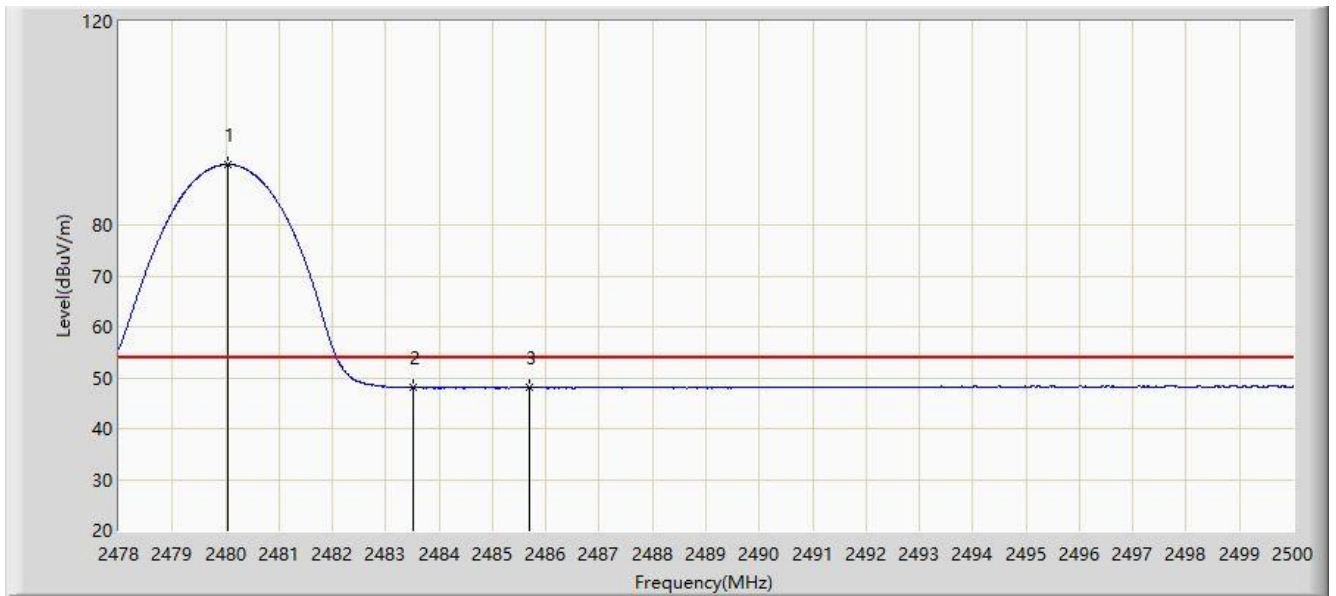


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	96.248	67.109	N/A	N/A	29.139	PK
2			2483.500	60.371	31.228	-13.629	74.000	29.143	PK
3			2489.176	62.473	33.329	-11.527	74.000	29.144	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

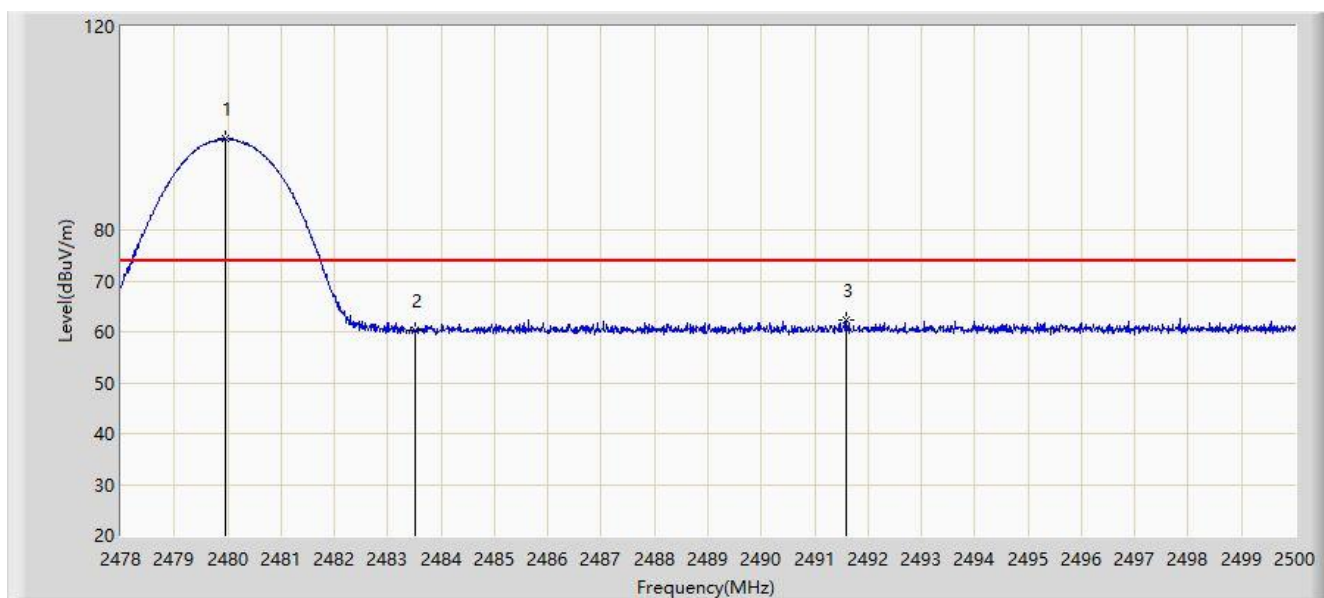


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	91.905	62.766	N/A	N/A	29.139	AV
2			2483.500	48.022	18.879	-5.978	54.000	29.143	AV
3			2485.689	48.113	18.967	-5.887	54.000	29.146	AV

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

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

Site: AC2	Time: 2020/06/21 - 15:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

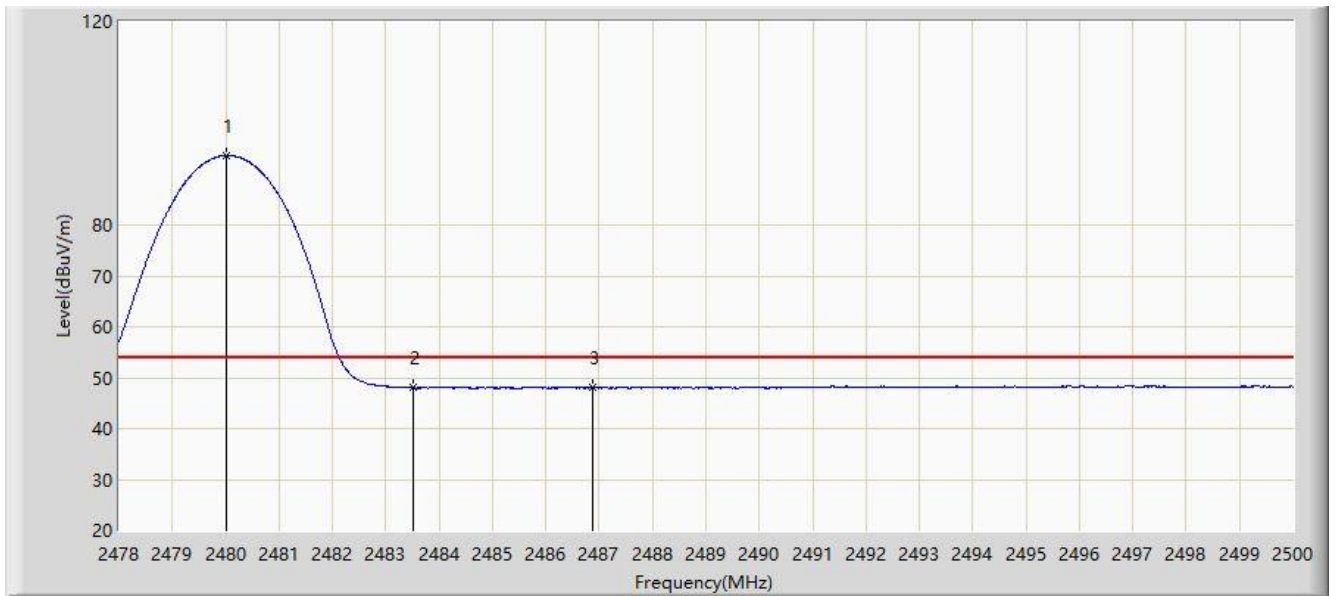


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	97.901	68.763	N/A	N/A	29.138	PK
2			2483.500	60.271	31.128	-13.729	74.000	29.143	PK
3			2491.596	62.383	33.246	-11.617	74.000	29.137	PK

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

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

Site: AC2	Time: 2020/06/21 - 15:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	



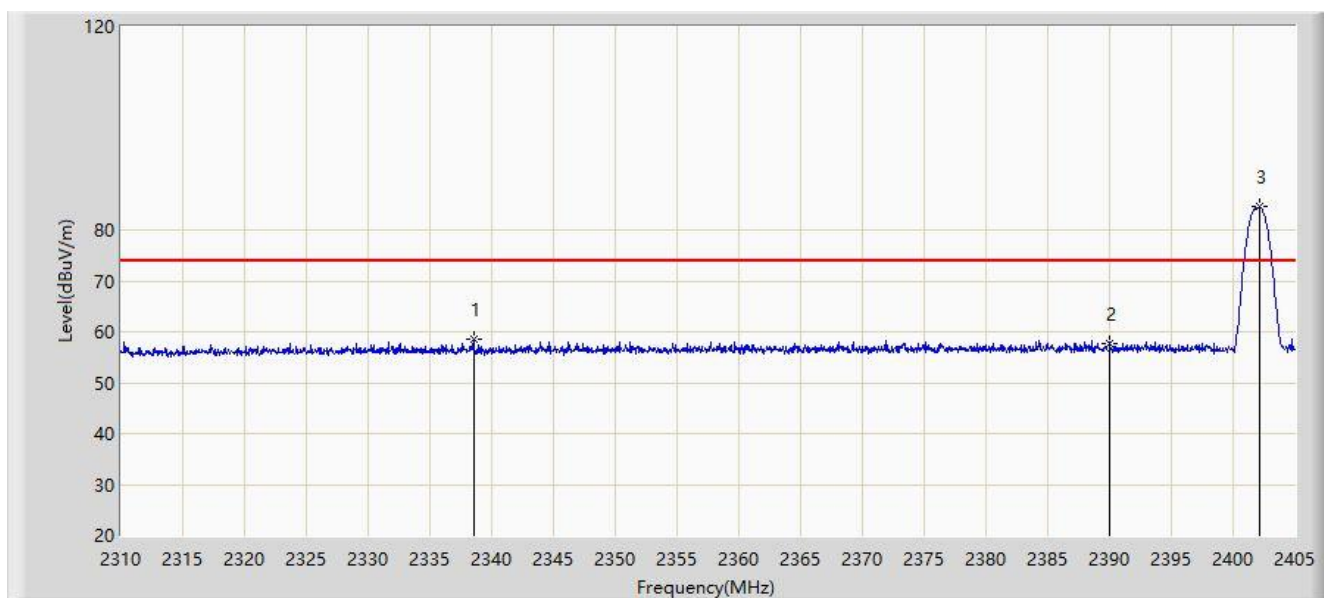
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	93.637	64.499	N/A	N/A	29.138	AV
2			2483.500	48.030	18.887	-5.970	54.000	29.143	AV
3			2486.888	48.108	18.960	-5.892	54.000	29.148	AV

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

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

For HSBT3007-EA configured with External PCB Antenna:

Site: AC2	Time: 2020/06/22 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

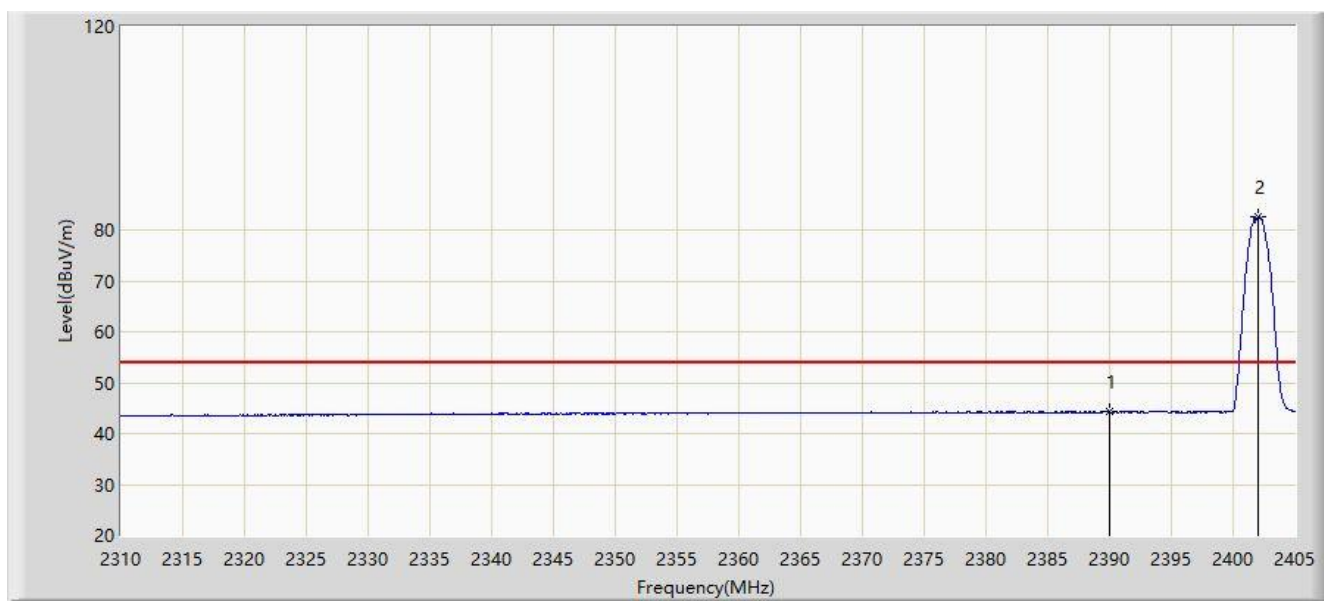


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2338.548	58.663	29.245	-15.337	74.000	29.418	PK
2			2390.000	57.722	28.427	-16.278	74.000	29.296	PK
3		*	2402.150	84.531	55.256	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/22 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

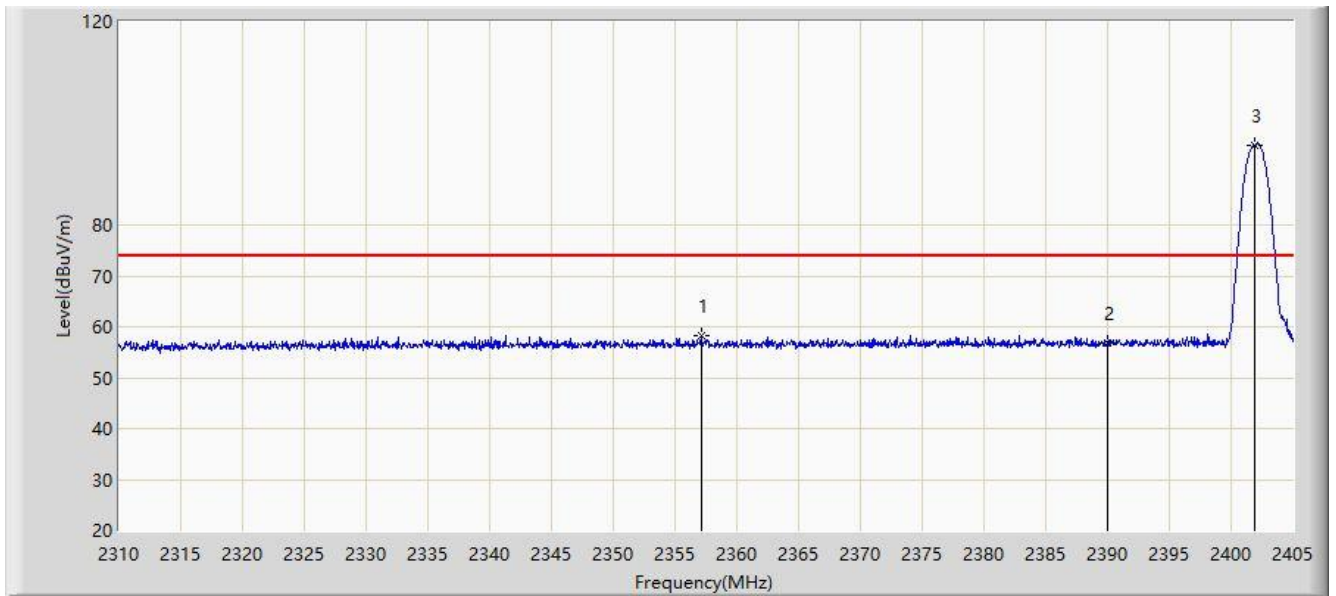


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.238	14.943	-9.762	54.000	29.296	AV
2		*	2402.055	82.589	53.314	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/22 - 11:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

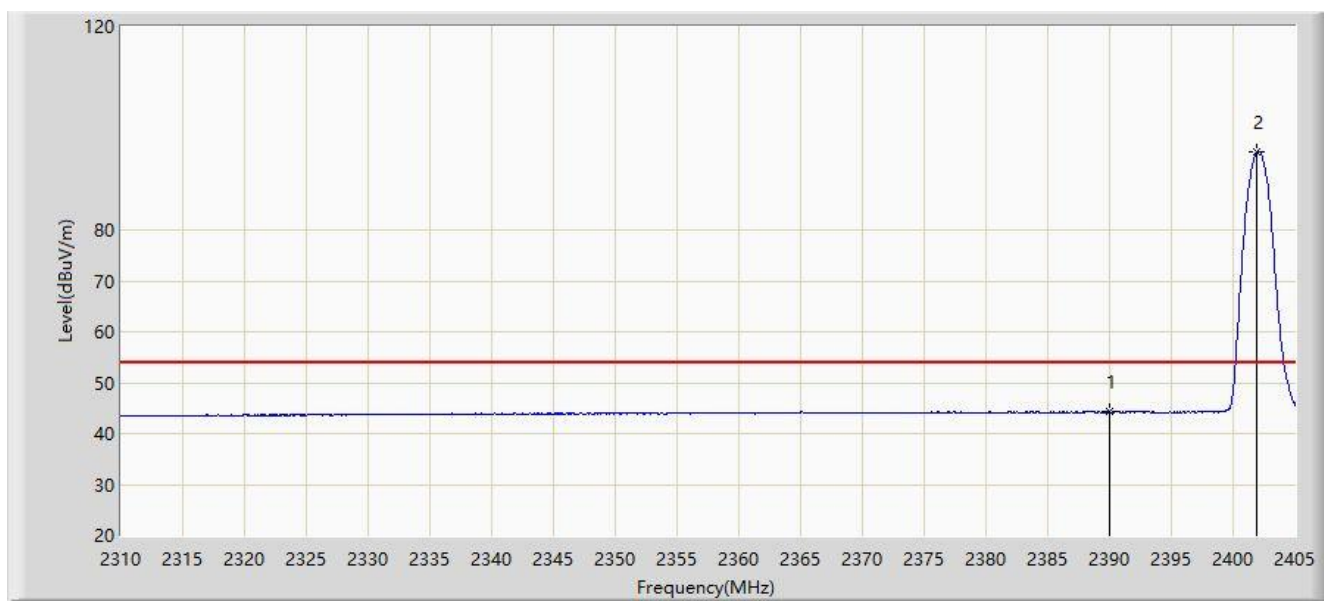


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2357.120	58.394	28.957	-15.606	74.000	29.436	PK
2			2390.000	56.926	27.631	-17.074	74.000	29.296	PK
3		*	2401.913	95.632	66.356	N/A	N/A	29.275	PK

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

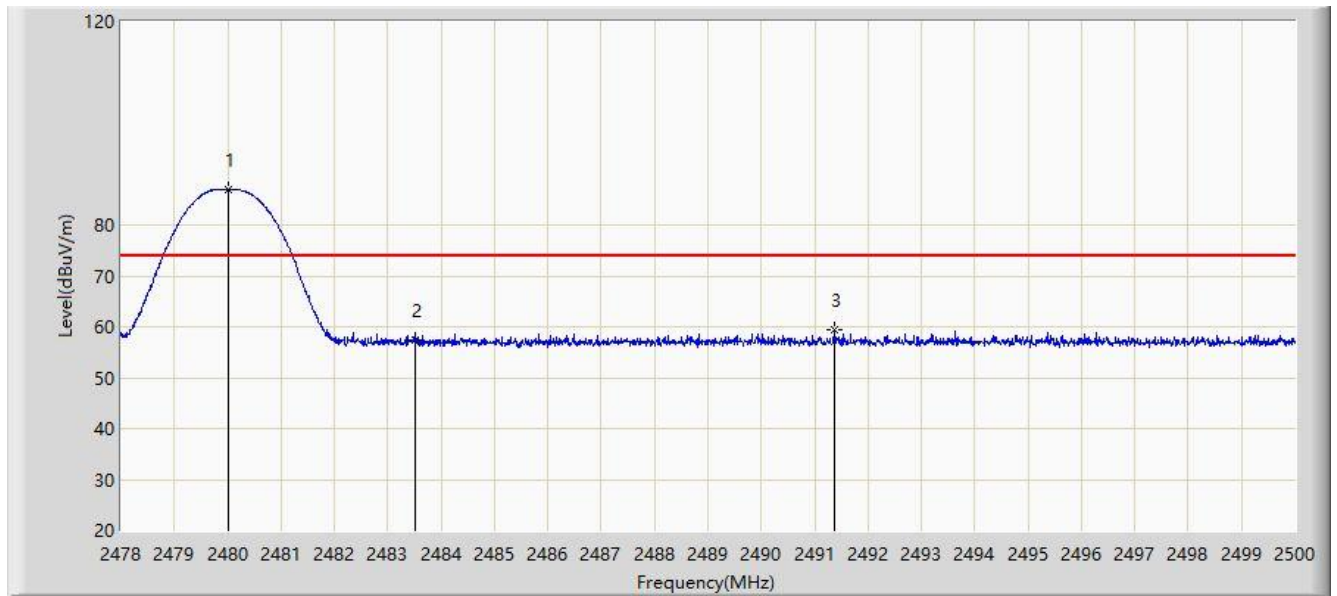
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: AC2	Time: 2020/06/22 - 11:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.251	14.956	-9.749	54.000	29.296	AV
2		*	2401.960	95.328	66.053	N/A	N/A	29.275	AV

Site: AC2	Time: 2020/06/22 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

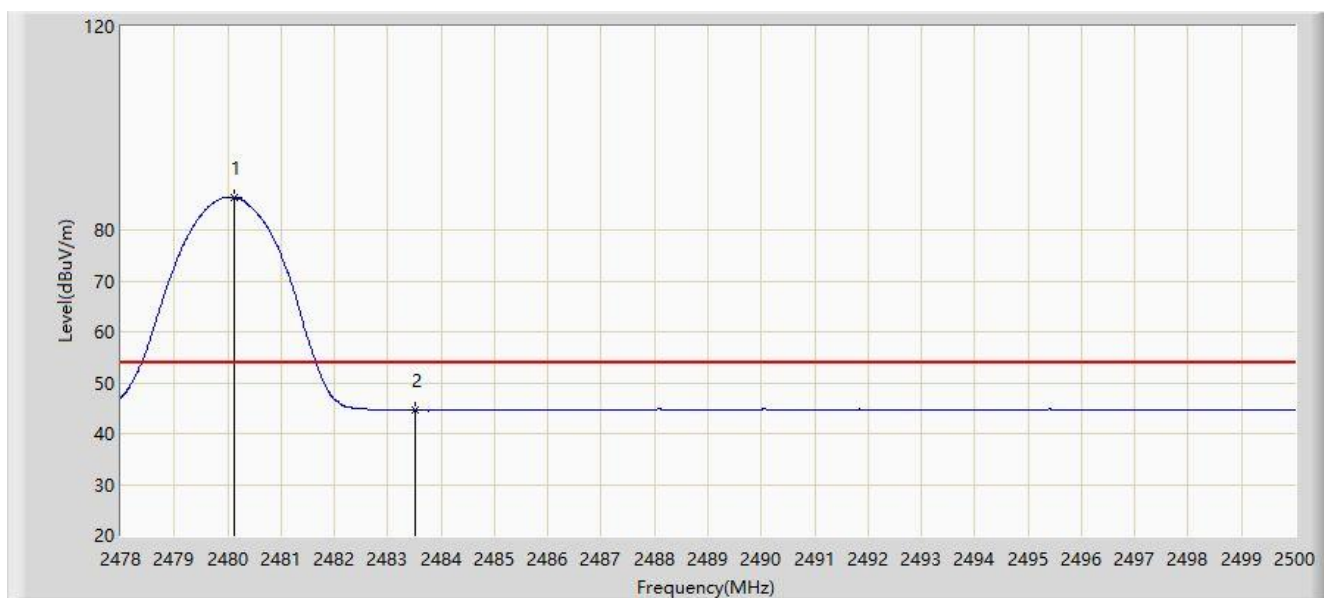


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	86.955	57.817	N/A	N/A	29.138	PK
2			2483.500	57.477	28.334	-16.523	74.000	29.143	PK
3			2491.376	59.295	30.157	-14.705	74.000	29.138	PK

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

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

Site: AC2	Time: 2020/06/22 - 11:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

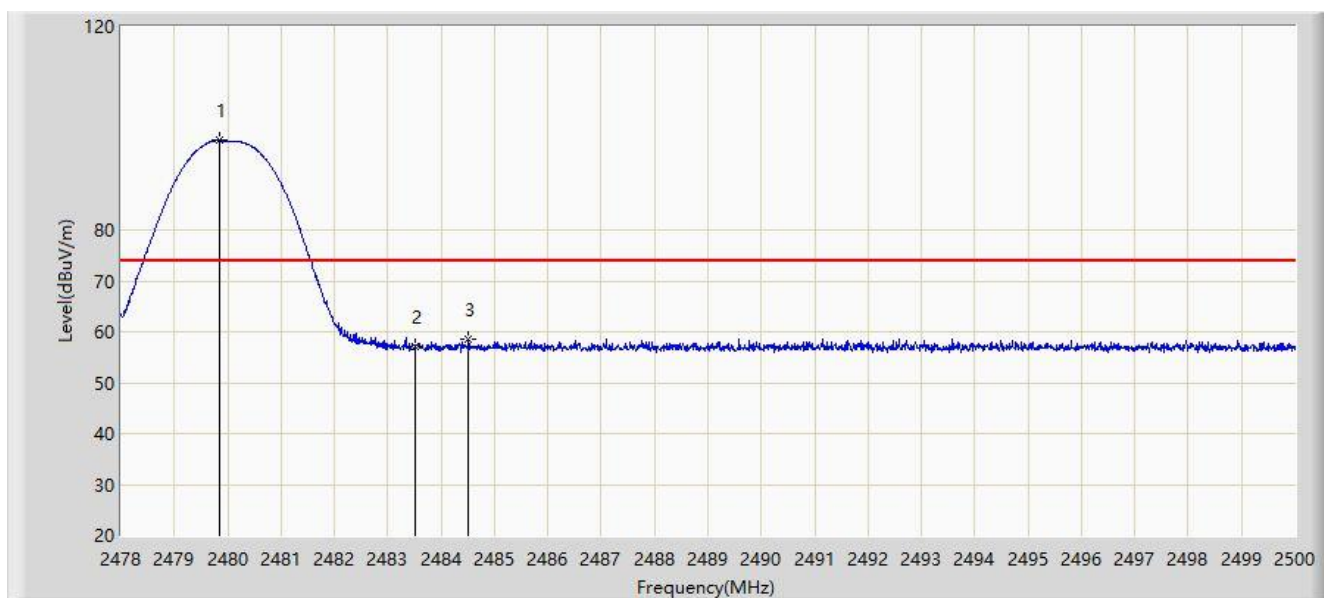


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	86.320	57.181	N/A	N/A	29.139	AV
2			2483.500	44.639	15.496	-9.361	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/22 - 11:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

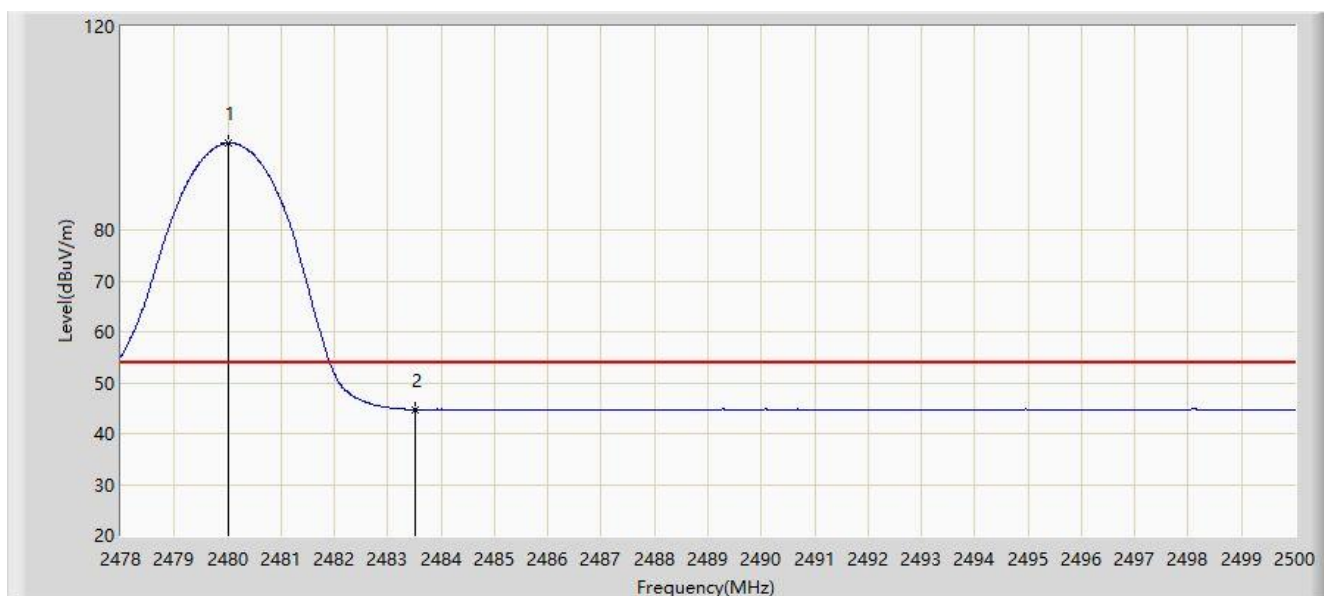


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	97.582	68.444	N/A	N/A	29.138	PK
2			2483.500	57.081	27.938	-16.919	74.000	29.143	PK
3			2484.512	58.479	29.334	-15.521	74.000	29.145	PK

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

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

Site: AC2	Time: 2020/06/22 - 11:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

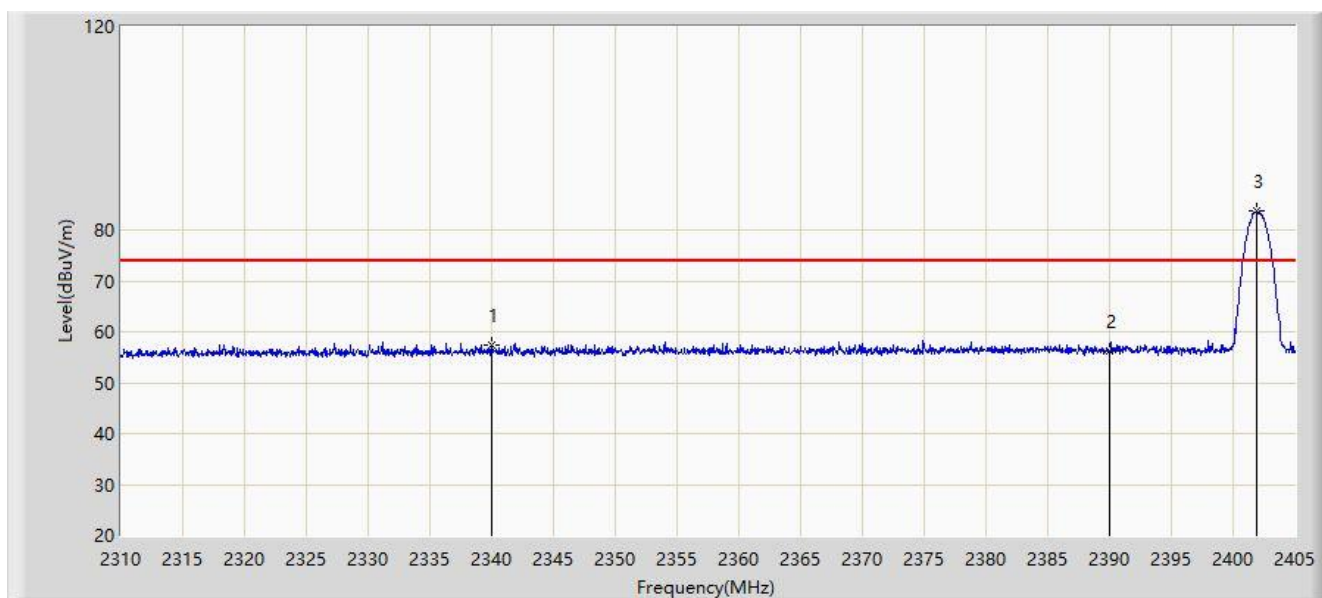


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	97.080	67.942	N/A	N/A	29.138	AV
2			2483.500	44.738	15.595	-9.262	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

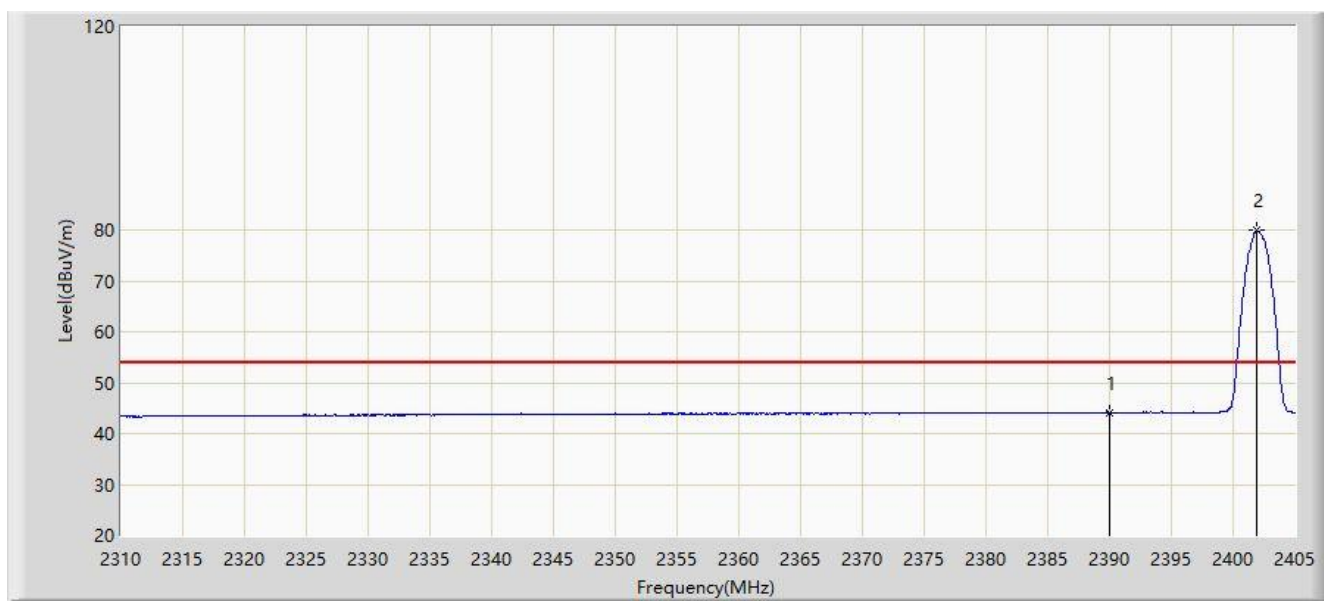


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2340.020	57.507	28.095	-16.493	74.000	29.413	PK
2			2390.000	56.102	26.807	-17.898	74.000	29.296	PK
3		*	2401.913	83.768	54.492	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

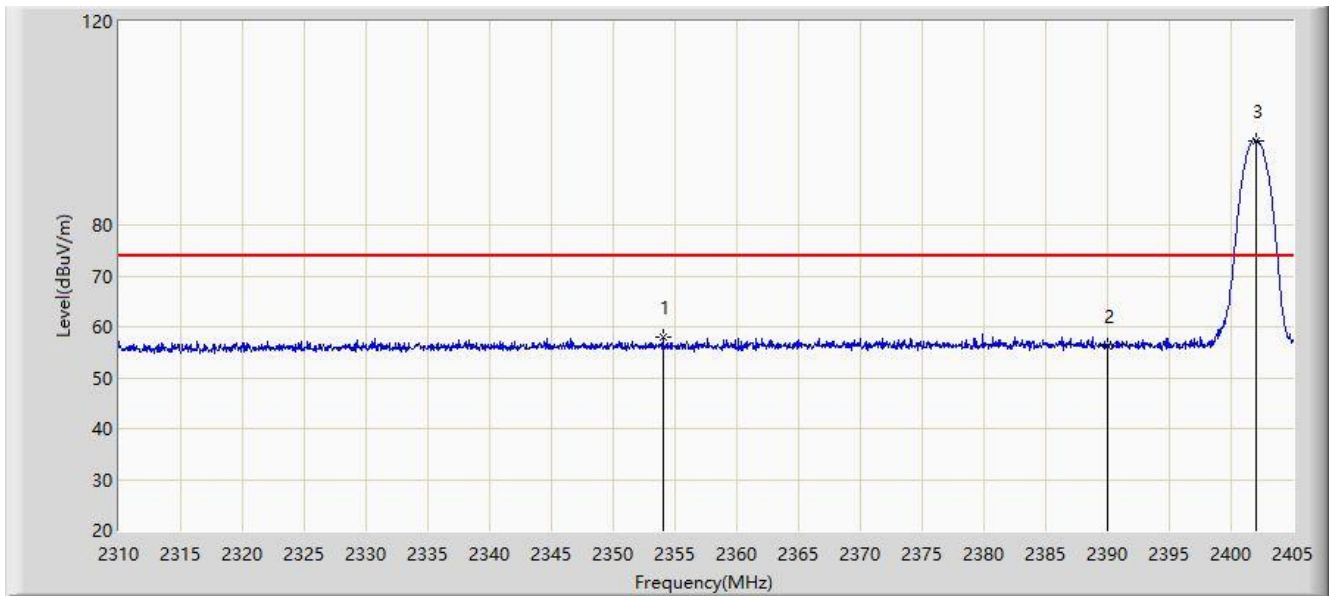


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.111	14.816	-9.889	54.000	29.296	AV
2		*	2401.865	79.921	50.645	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

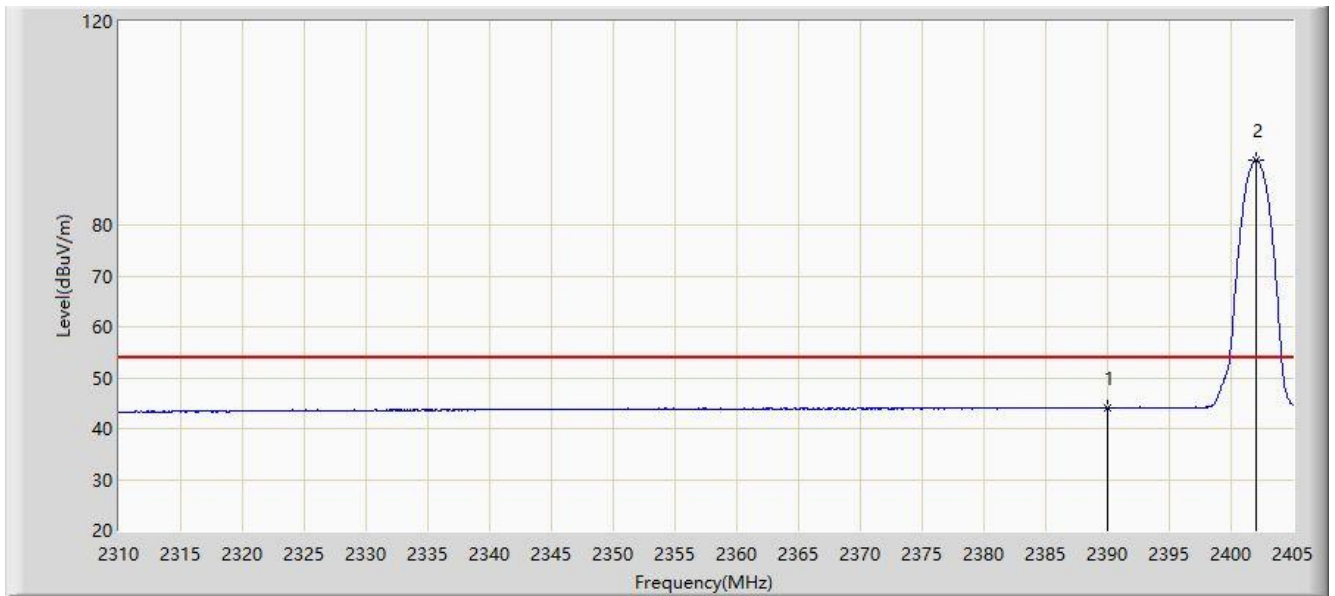


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2354.032	57.955	28.528	-16.045	74.000	29.427	PK
2			2390.000	56.306	27.011	-17.694	74.000	29.296	PK
3		*	2402.055	96.570	67.295	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

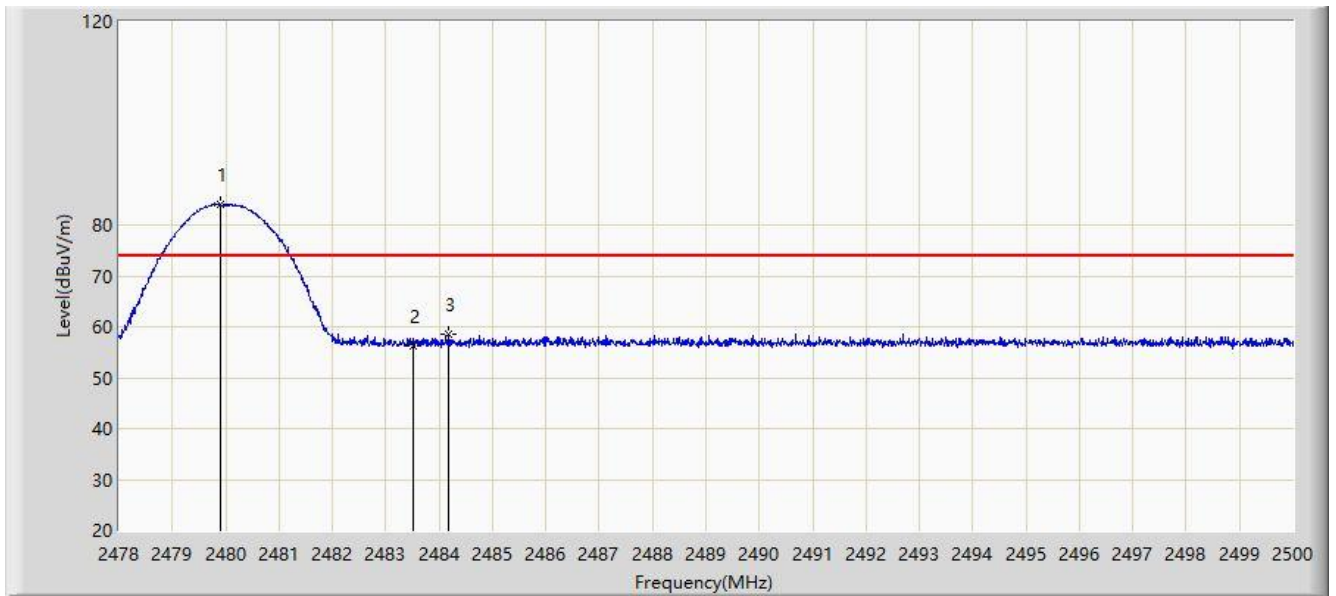


N	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.053	14.758	-9.947	54.000	29.296	AV
2		*	2402.008	92.835	63.560	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

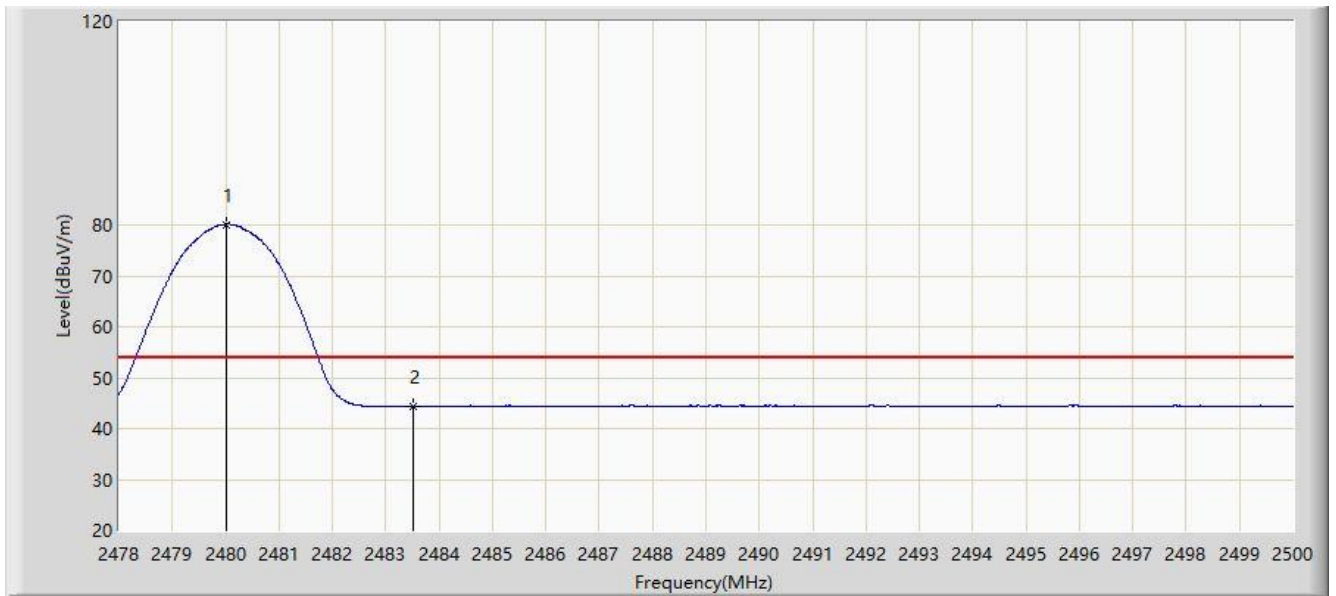


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.903	84.147	55.009	N/A	N/A	29.138	PK
2			2483.500	56.313	27.170	-17.687	74.000	29.143	PK
3			2484.182	58.646	29.502	-15.354	74.000	29.144	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

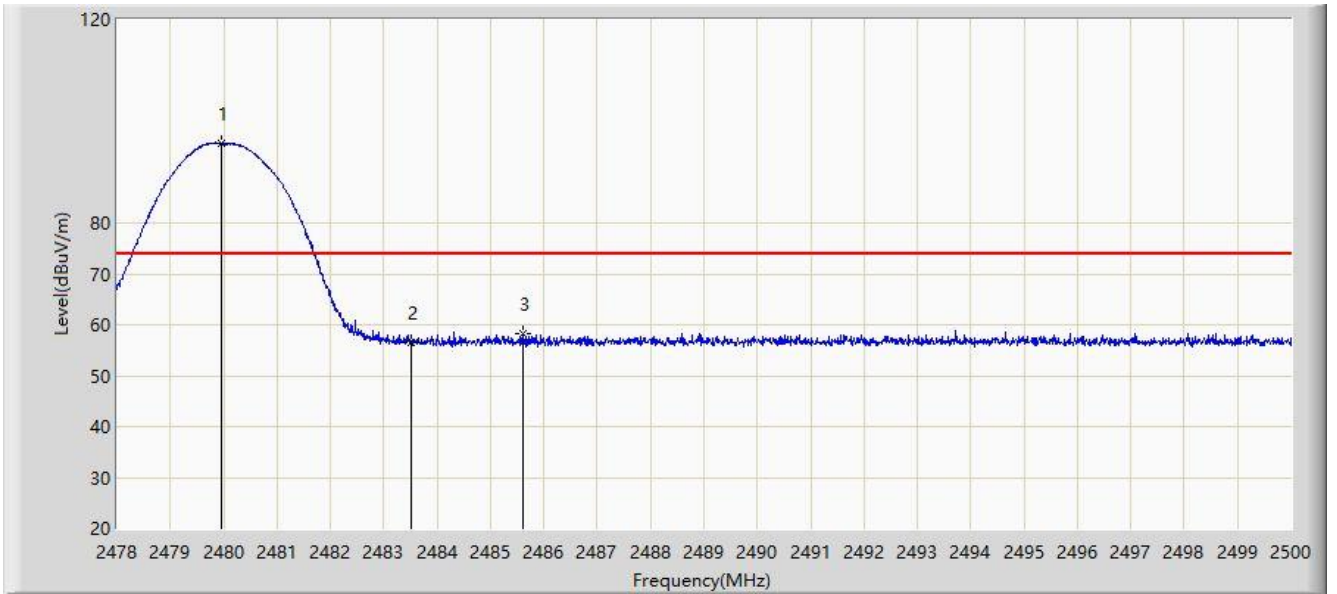


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	80.137	50.999	N/A	N/A	29.138	AV
2			2483.500	44.369	15.226	-9.631	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

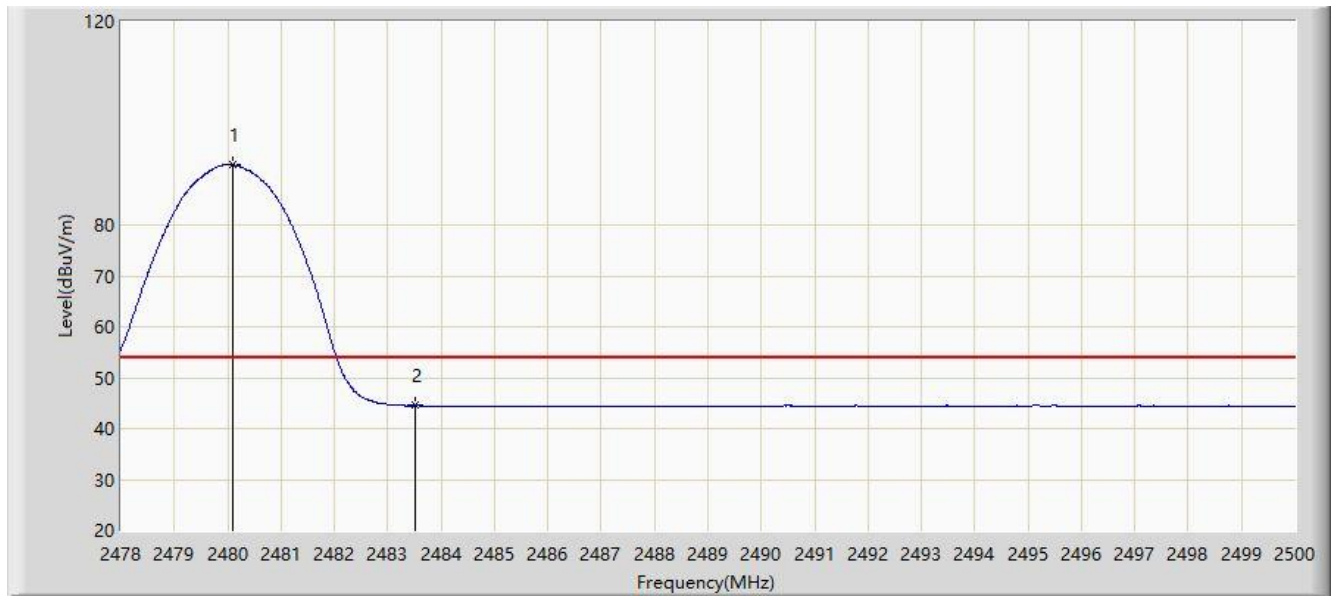


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	95.641	66.503	N/A	N/A	29.138	PK
2			2483.500	56.557	27.414	-17.443	74.000	29.143	PK
3			2485.612	58.379	29.233	-15.621	74.000	29.146	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

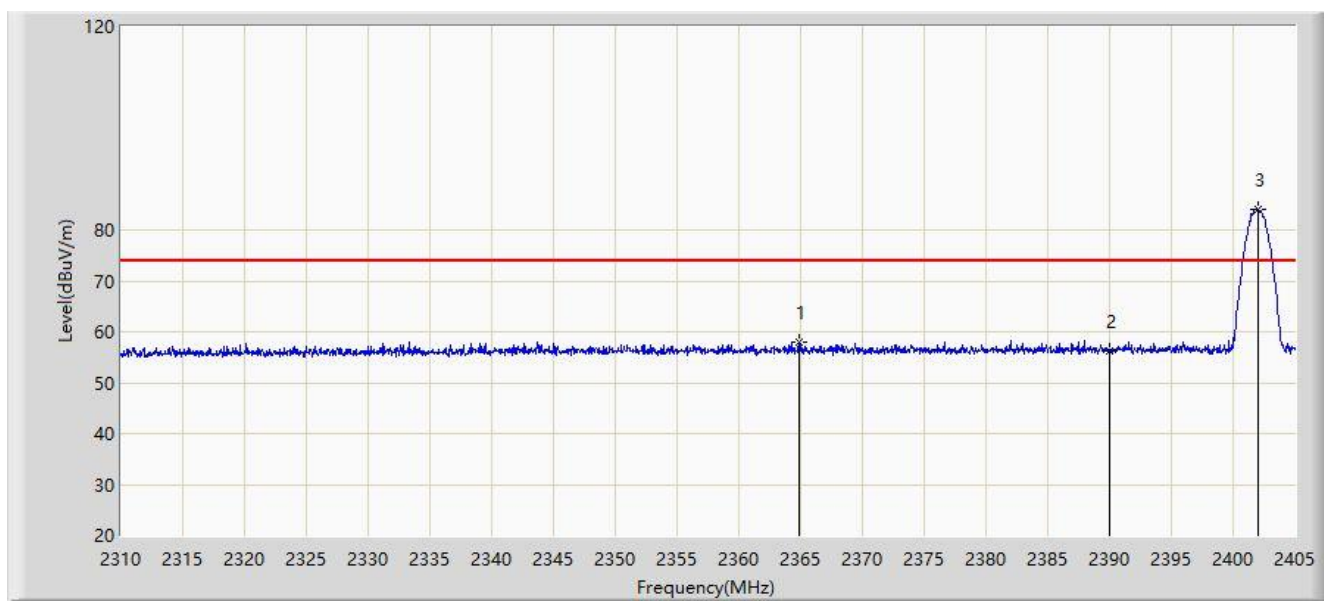


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.090	91.910	62.771	N/A	N/A	29.139	AV
2			2483.500	44.519	15.376	-9.481	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

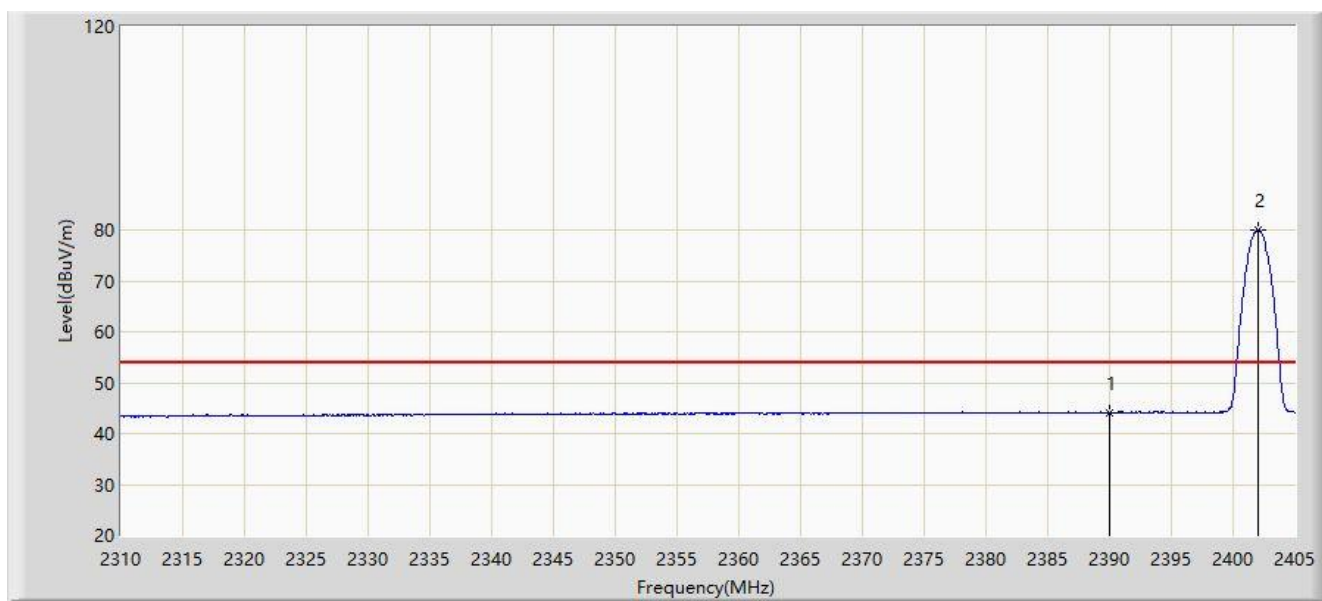


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2364.863	57.954	28.530	-16.046	74.000	29.424	PK
2			2390.000	56.289	26.994	-17.711	74.000	29.296	PK
3		*	2402.008	83.992	54.717	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

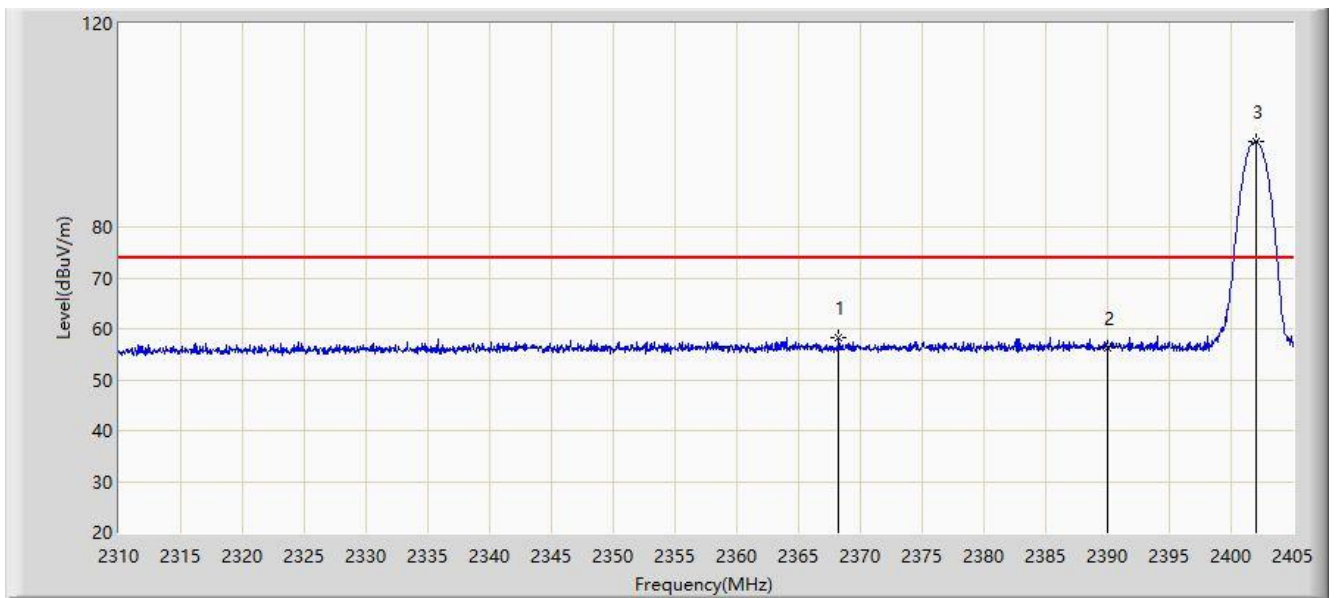


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.163	14.868	-9.837	54.000	29.296	AV
2		*	2402.008	79.903	50.628	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

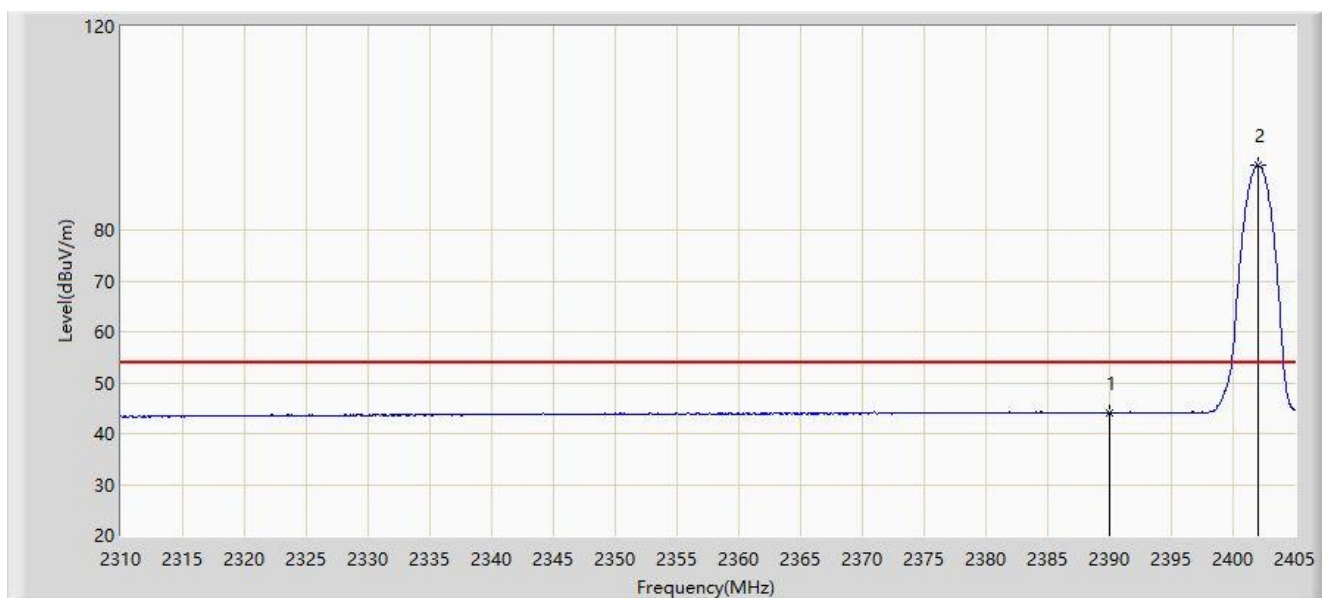


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2368.235	58.290	28.896	-15.710	74.000	29.394	PK
2			2390.000	56.362	27.067	-17.638	74.000	29.296	PK
3		*	2402.008	96.885	67.610	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

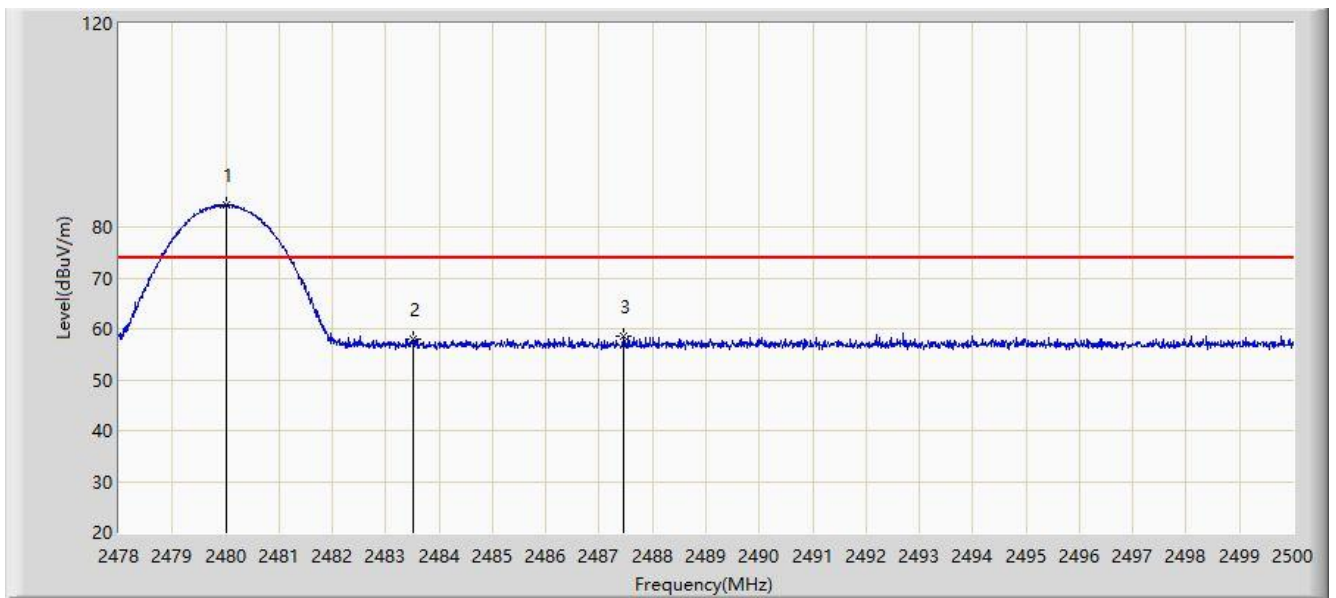


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.144	14.849	-9.856	54.000	29.296	AV
2		*	2402.008	92.691	63.416	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

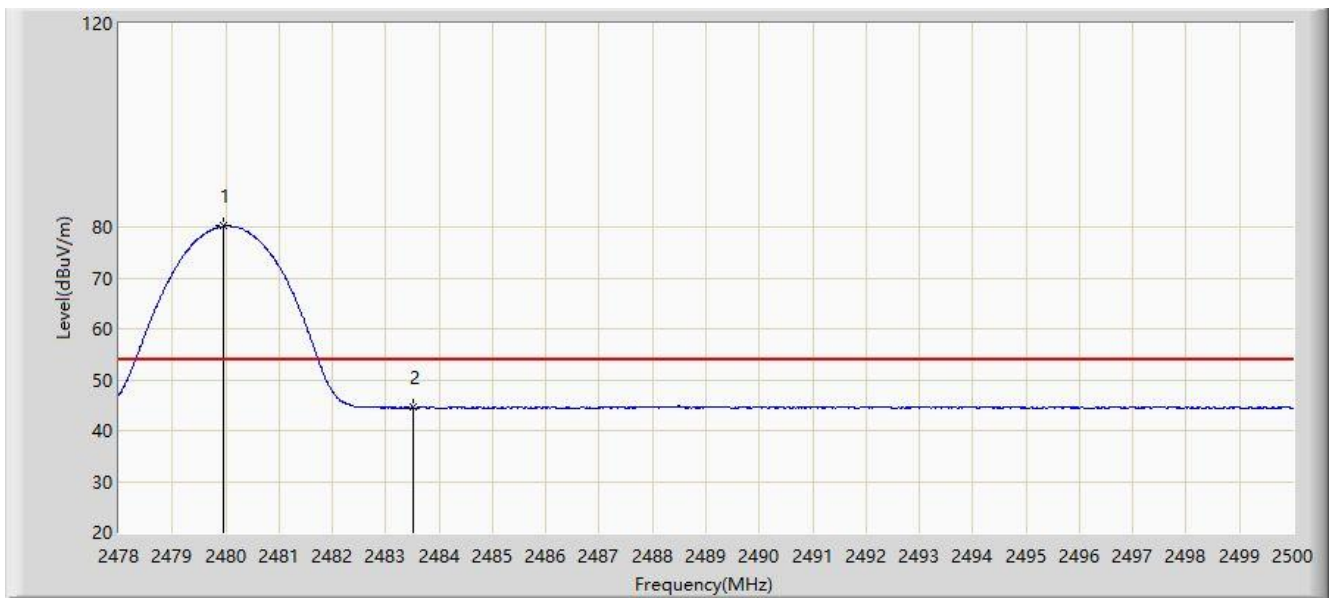


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	84.331	55.193	N/A	N/A	29.138	PK
2			2483.500	57.862	28.719	-16.138	74.000	29.143	PK
3			2487.460	58.551	29.402	-15.449	74.000	29.149	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

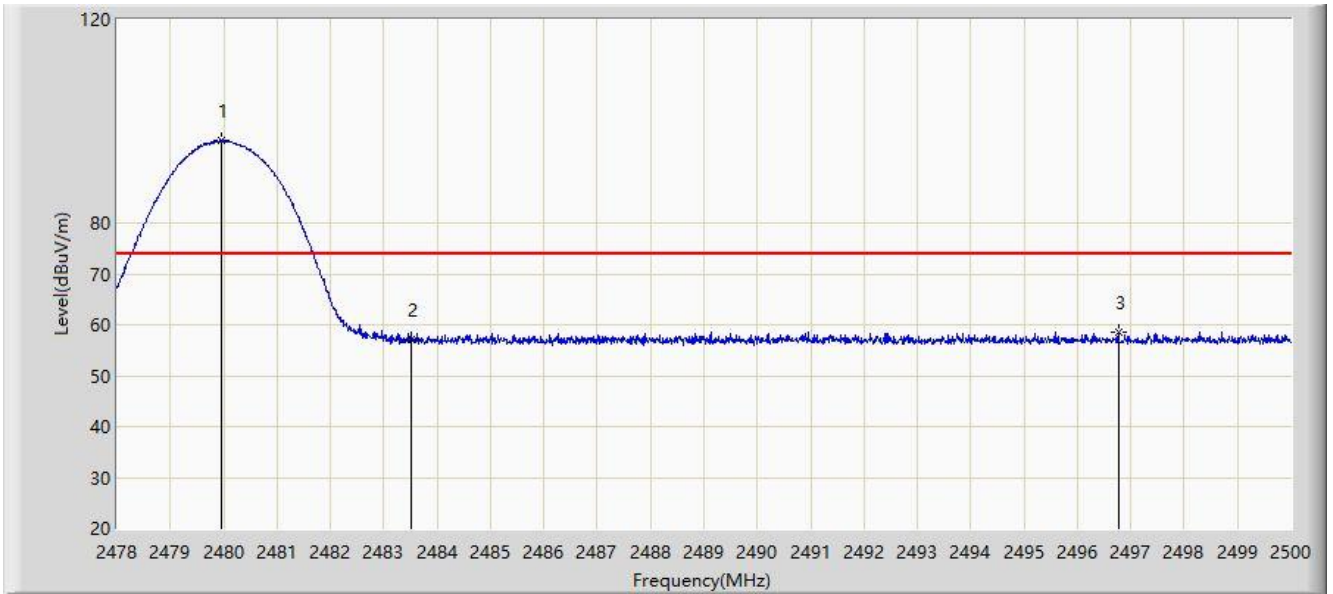


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	80.182	51.044	N/A	N/A	29.138	AV
2			2483.500	44.514	15.371	-9.486	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/22 - 13:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

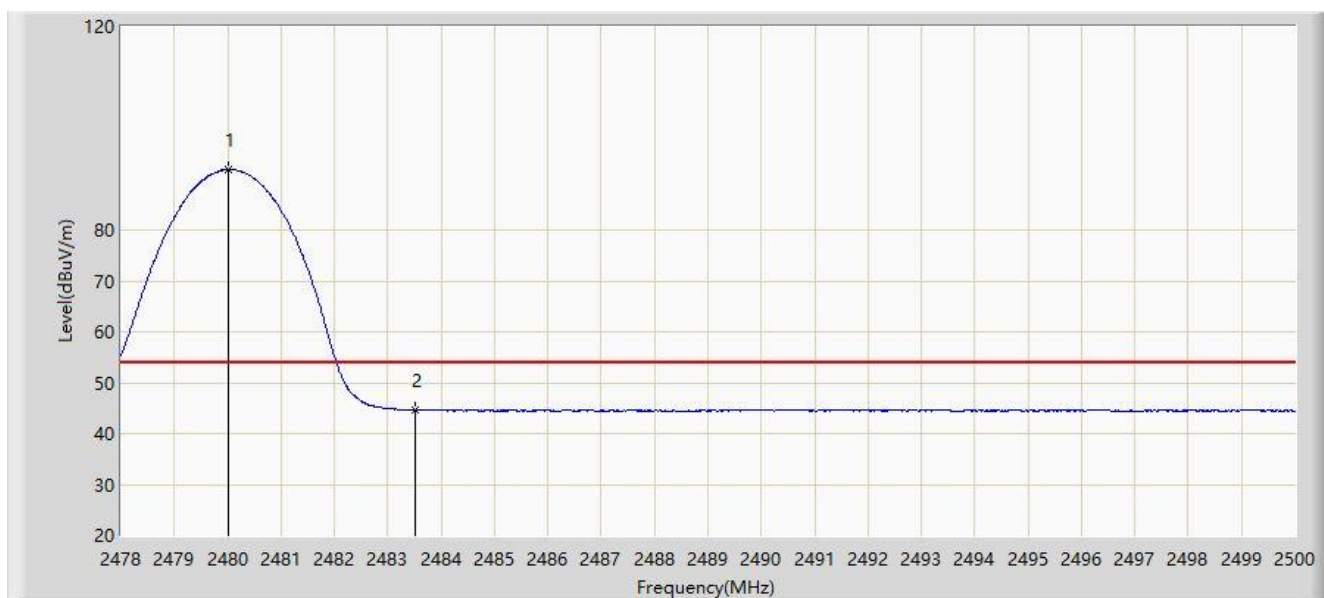


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.969	96.123	66.985	N/A	N/A	29.138	PK
2			2483.500	57.229	28.086	-16.771	74.000	29.143	PK
3			2496.766	58.578	29.456	-15.422	74.000	29.122	PK

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

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

Site: AC2	Time: 2020/06/22 - 13:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	



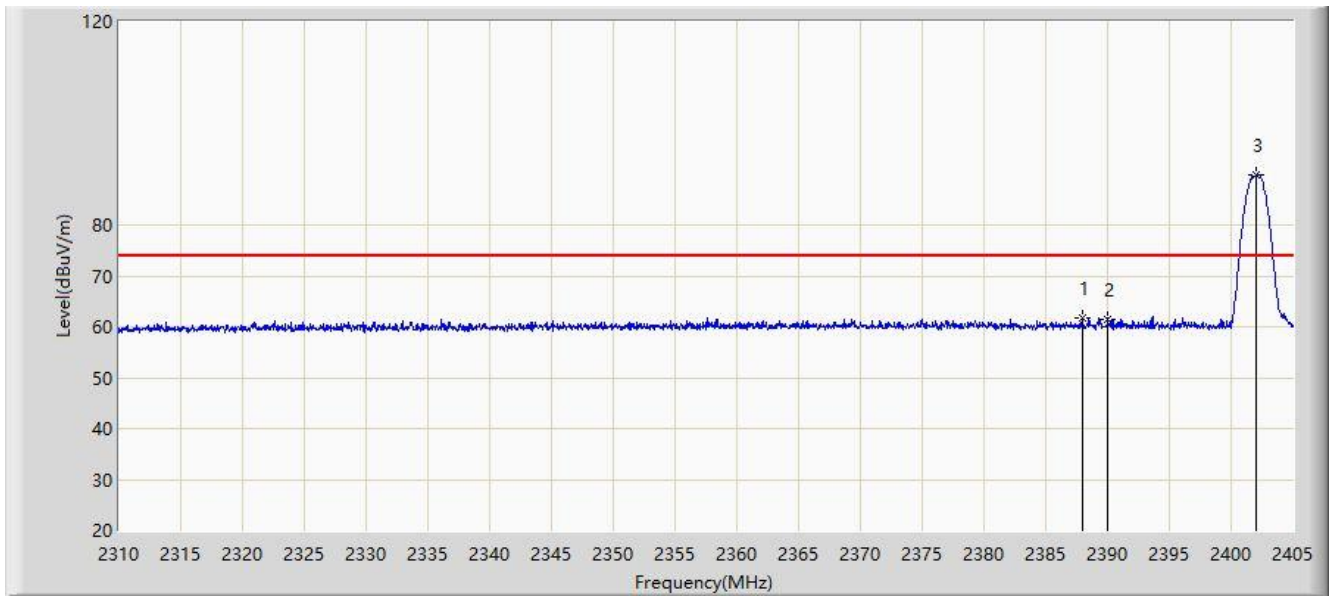
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	91.821	62.683	N/A	N/A	29.138	AV
2			2483.500	44.566	15.423	-9.434	54.000	29.143	AV

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

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

For HSBT3007-EA configured with External Dipole Antenna:

Site: AC2	Time: 2020/06/21 - 16:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

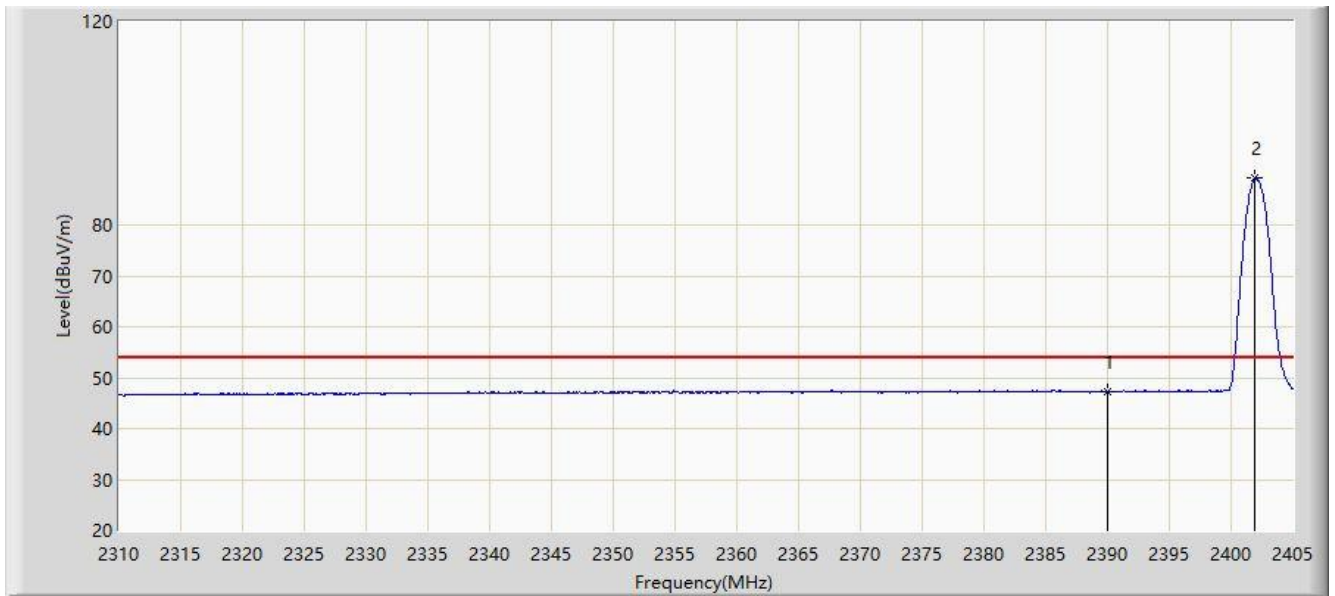


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.948	61.709	32.412	-12.291	74.000	29.296	PK
2			2390.000	61.342	32.047	-12.658	74.000	29.296	PK
3		*	2402.055	89.735	60.460	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/21 - 16:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

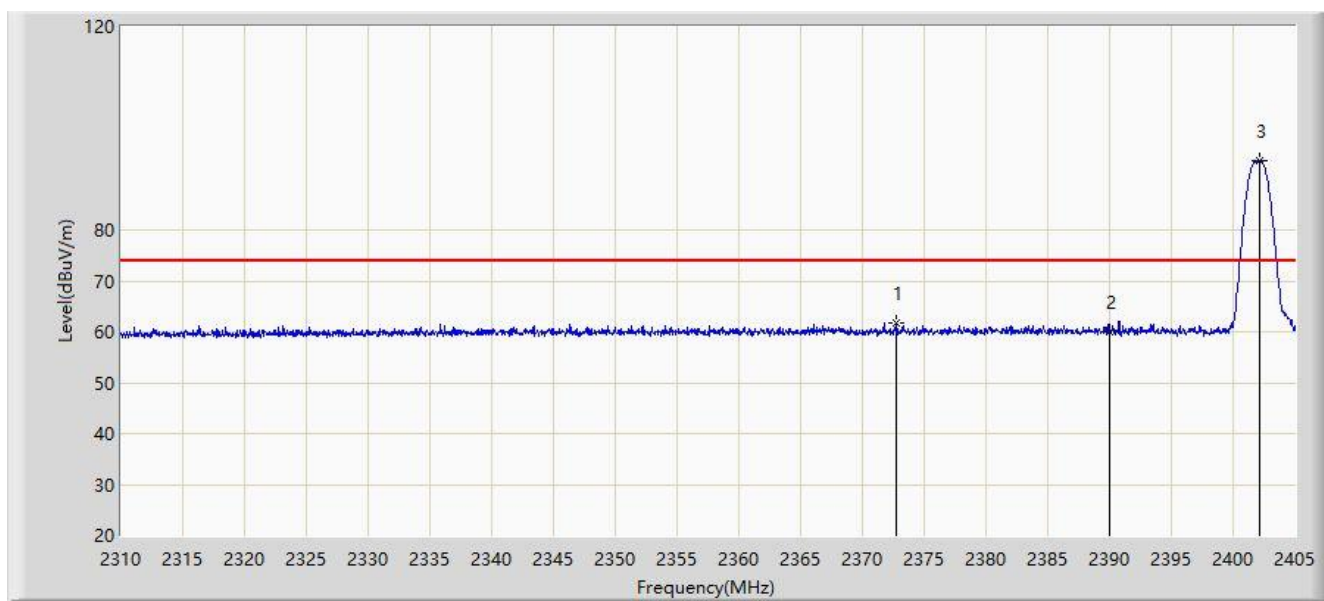


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.259	17.964	-6.741	54.000	29.296	AV
2		*	2401.960	89.138	59.863	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 16:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

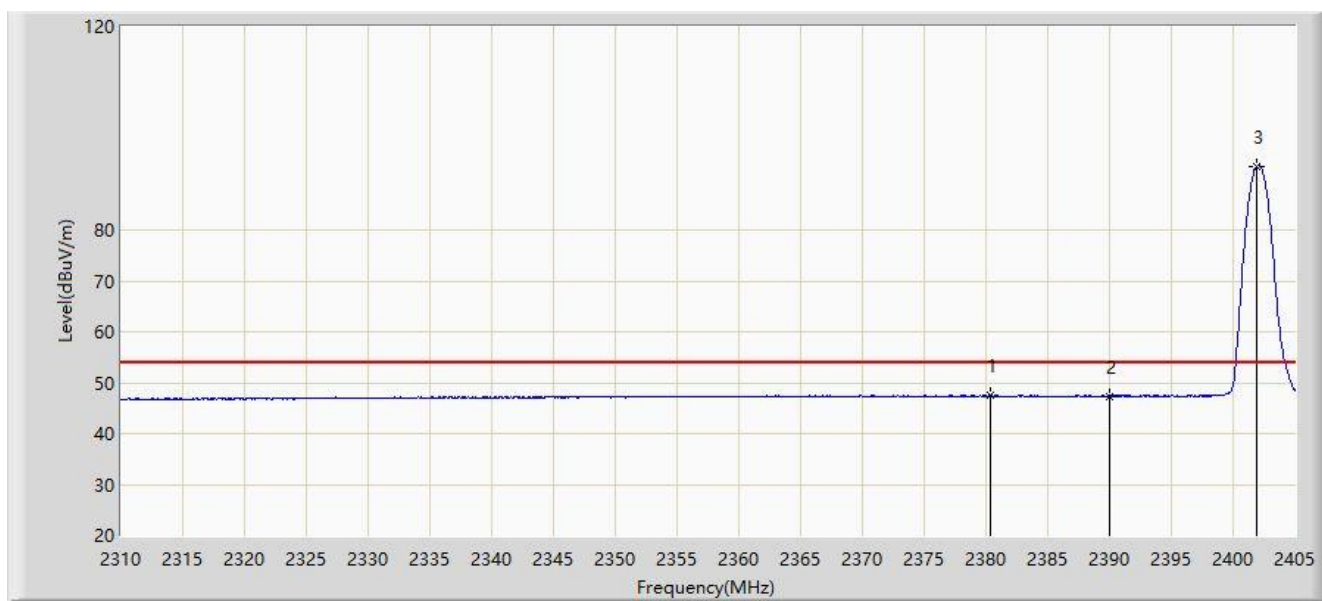


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2372.700	61.834	32.480	-12.166	74.000	29.354	PK
2			2390.000	59.991	30.696	-14.009	74.000	29.296	PK
3		*	2402.150	93.766	64.491	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 16:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2402MHz	

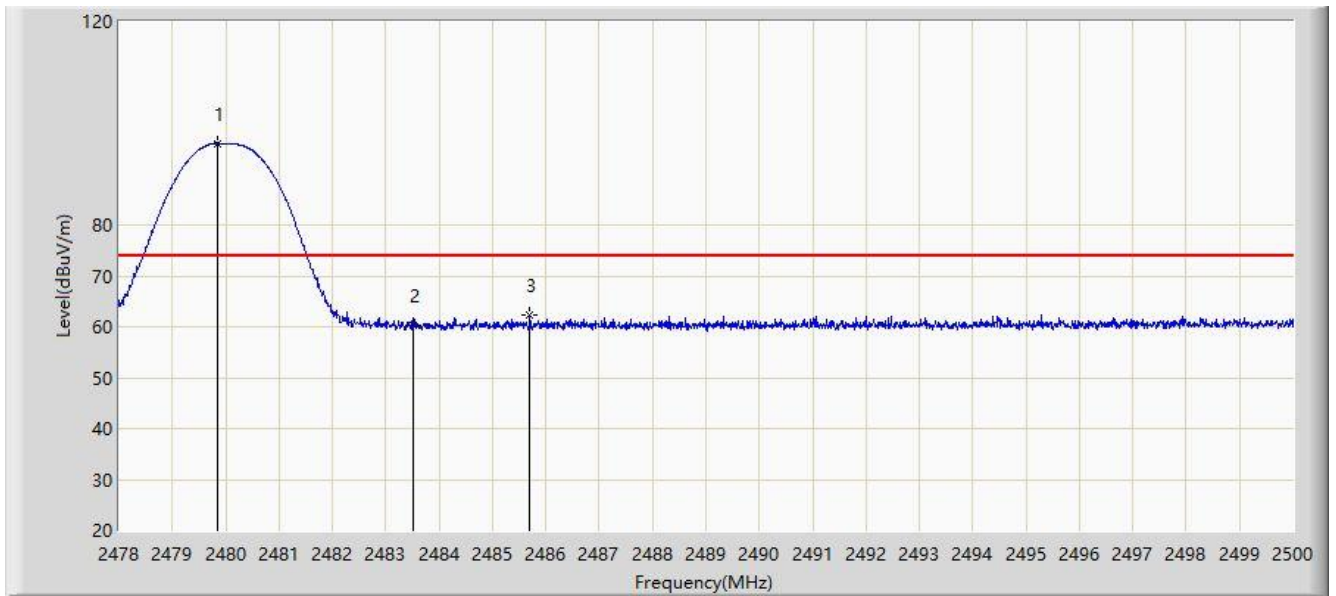


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.300	47.508	18.205	-6.492	54.000	29.303	AV
2			2390.000	47.356	18.061	-6.644	54.000	29.296	AV
3		*	2401.960	92.604	63.329	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

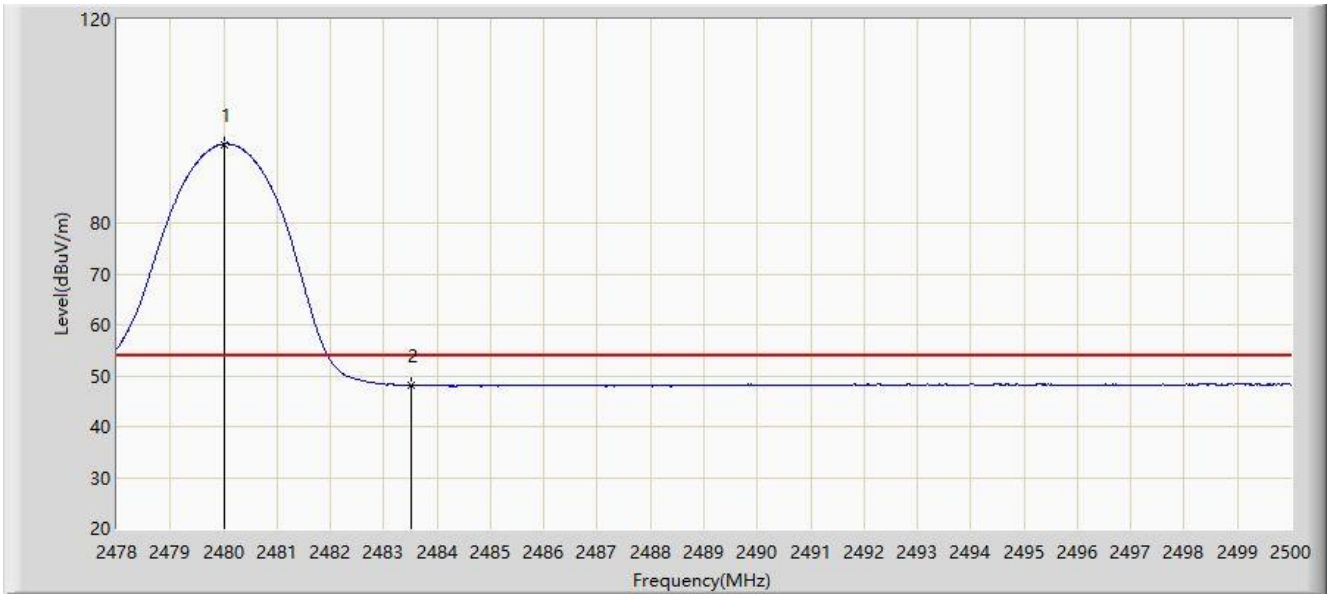


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	96.081	66.943	N/A	N/A	29.138	PK
2			2483.500	60.335	31.192	-13.665	74.000	29.143	PK
3			2485.689	62.312	33.166	-11.688	74.000	29.146	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

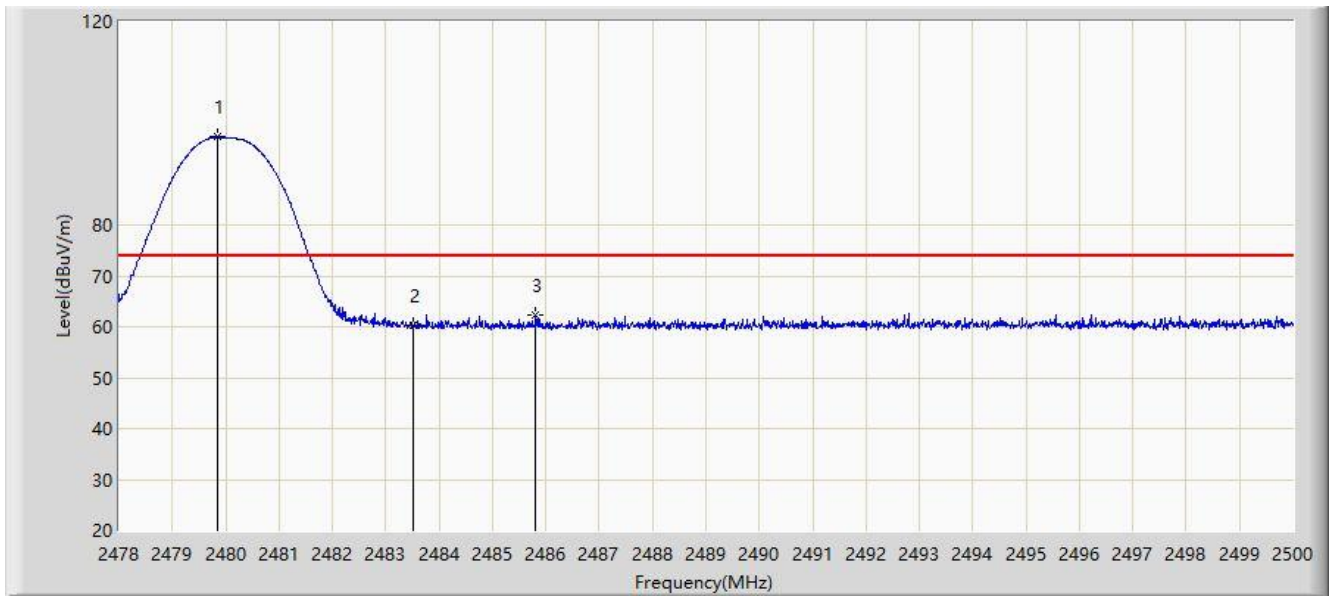


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	95.506	66.368	N/A	N/A	29.138	AV
2			2483.500	48.185	19.042	-5.815	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

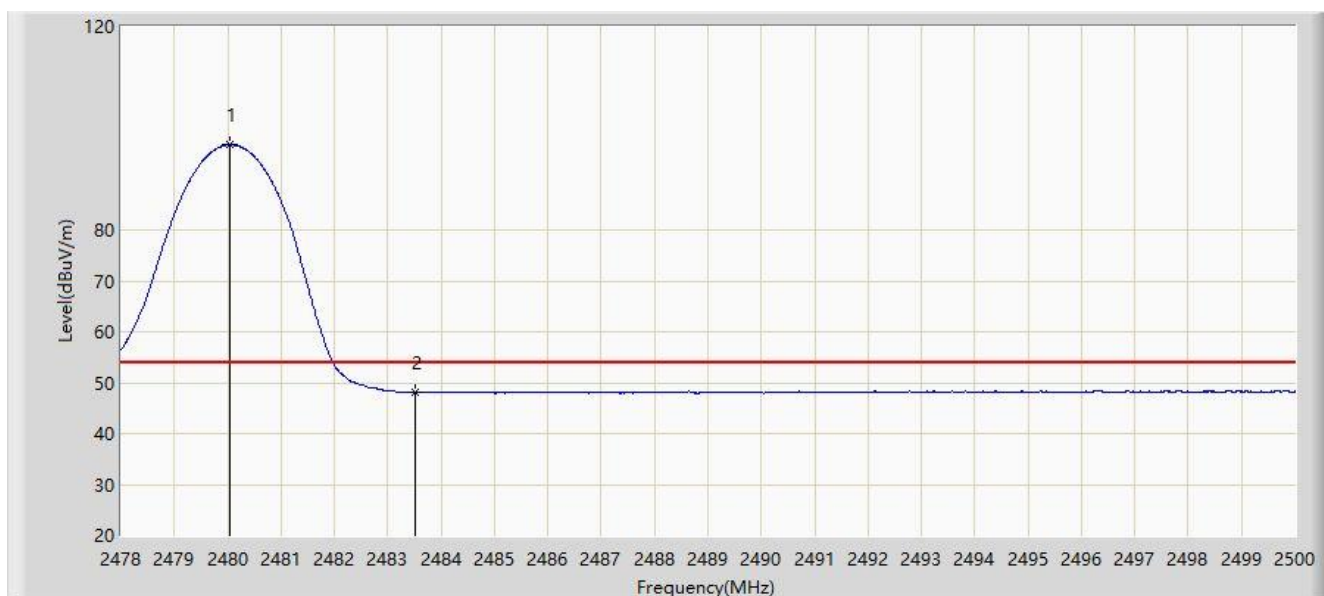


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	97.271	68.133	N/A	N/A	29.138	PK
2			2483.500	60.307	31.164	-13.693	74.000	29.143	PK
3			2485.810	62.233	33.086	-11.767	74.000	29.147	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by DH5 at channel 2480MHz	

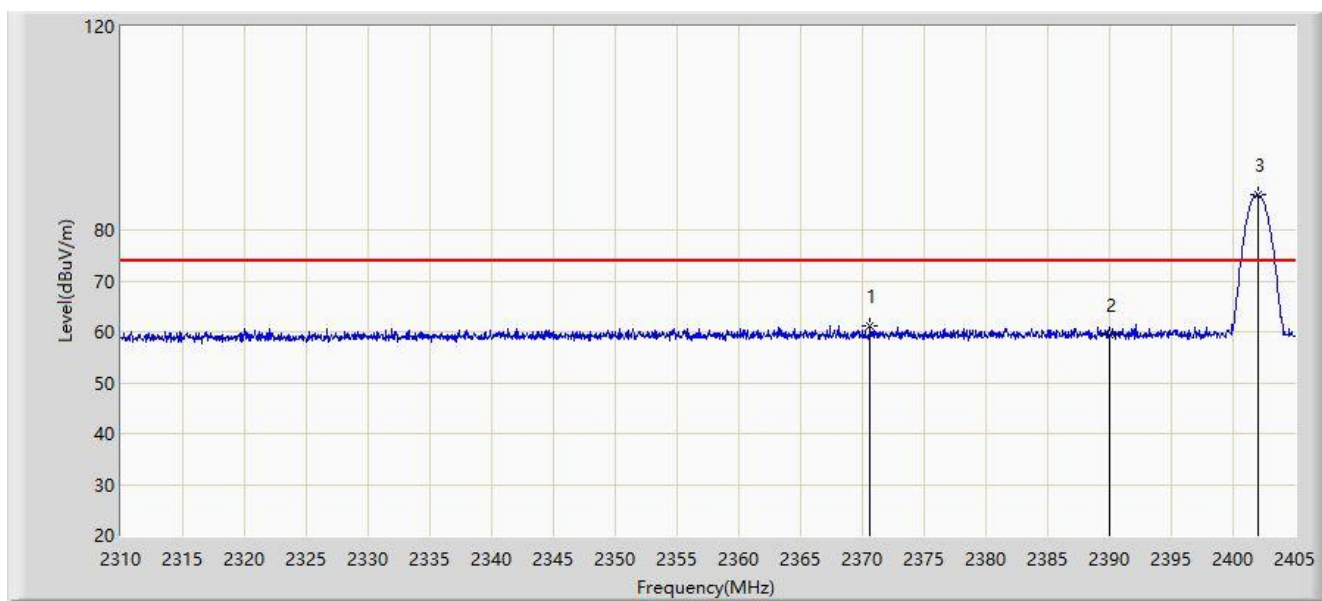


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	96.738	67.599	N/A	N/A	29.139	AV
2			2483.500	48.171	19.028	-5.829	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

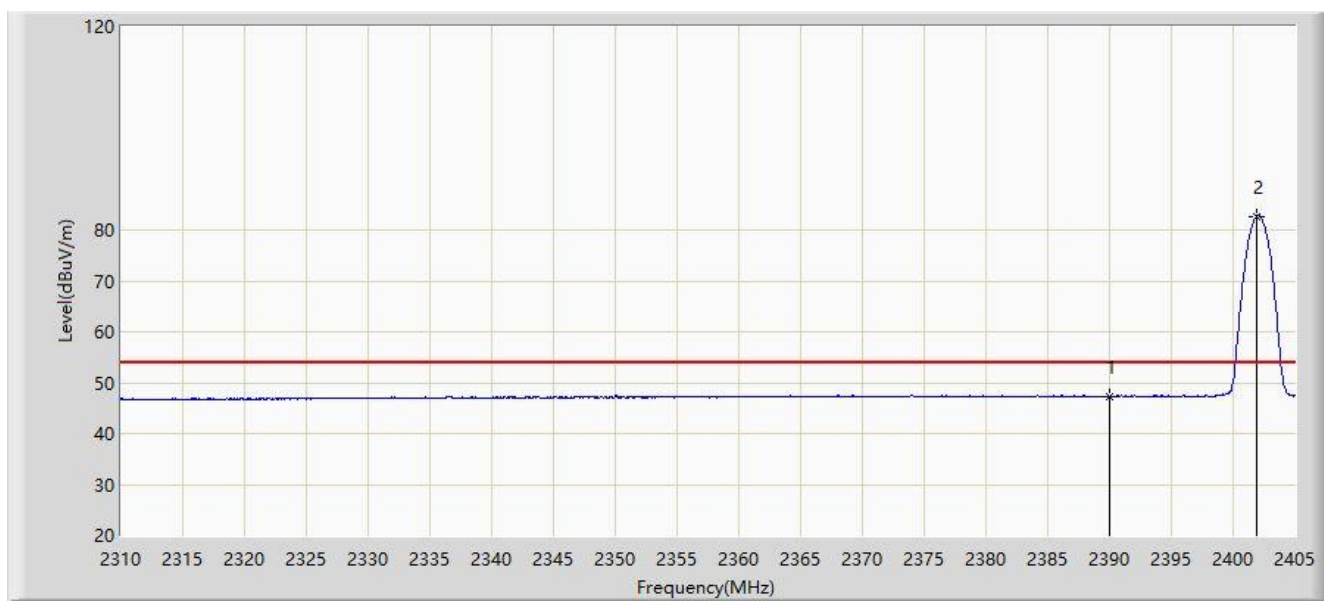


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.610	61.254	31.881	-12.746	74.000	29.373	PK
2			2390.000	59.336	30.041	-14.664	74.000	29.296	PK
3		*	2402.008	86.817	57.542	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

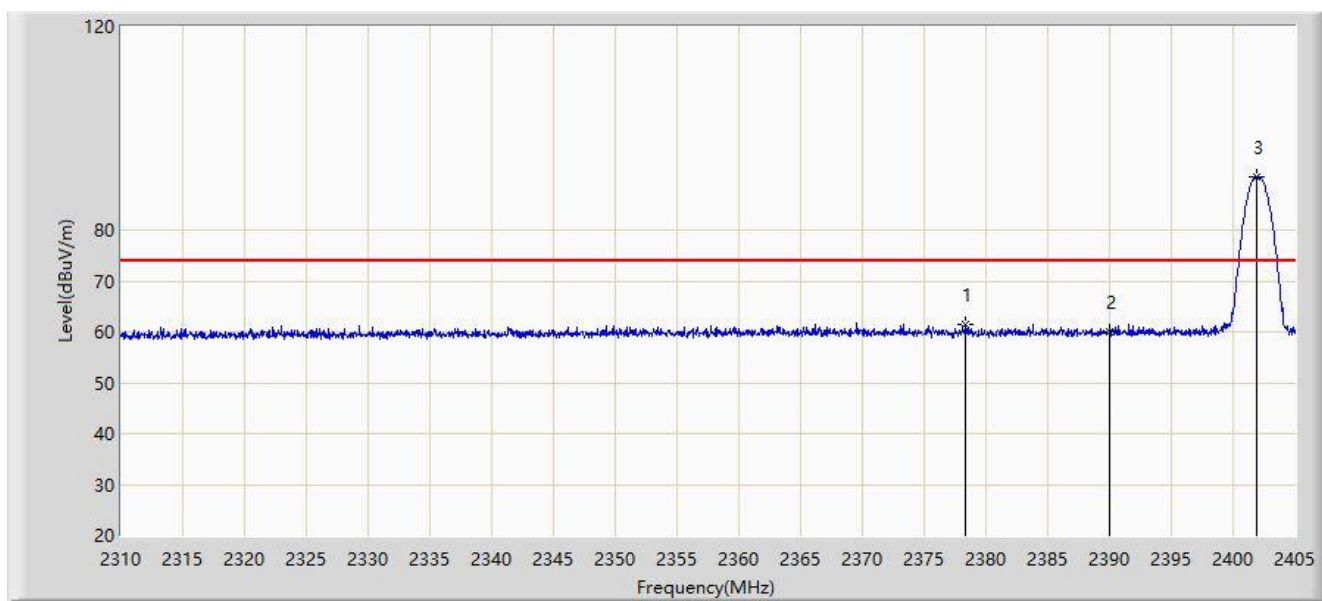


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.357	18.062	-6.643	54.000	29.296	AV
2		*	2401.865	82.593	53.317	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

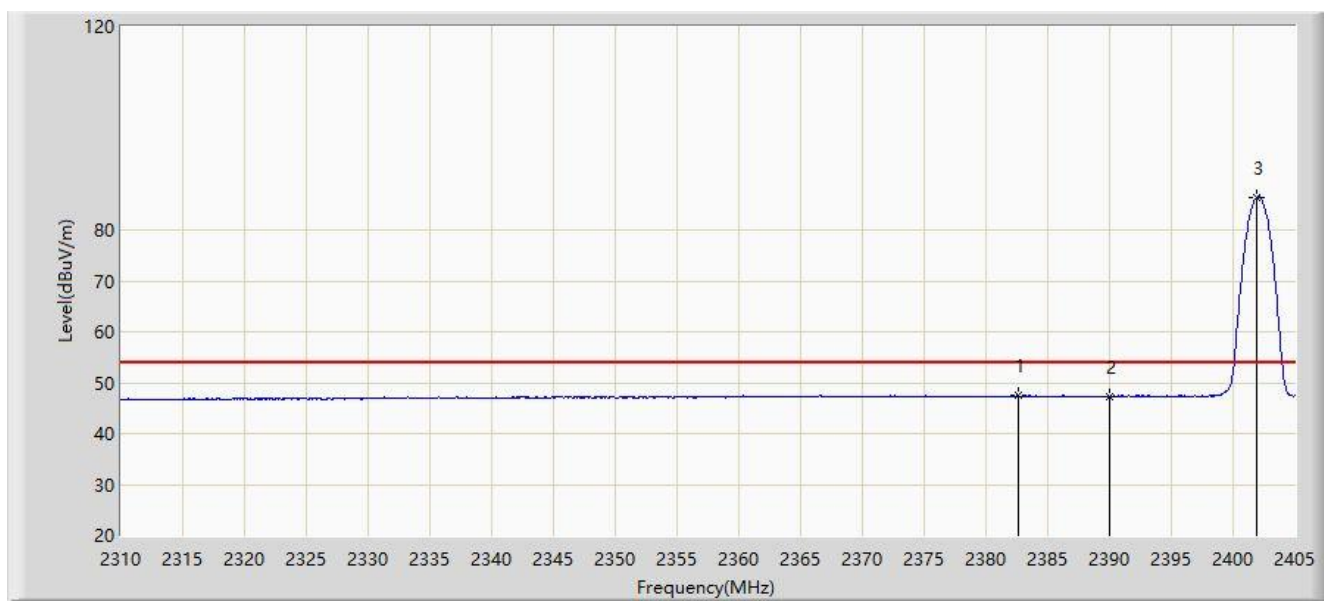


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.353	61.369	32.059	-12.631	74.000	29.310	PK
2			2390.000	59.906	30.611	-14.094	74.000	29.296	PK
3		*	2401.865	90.478	61.202	N/A	N/A	29.276	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2402MHz	

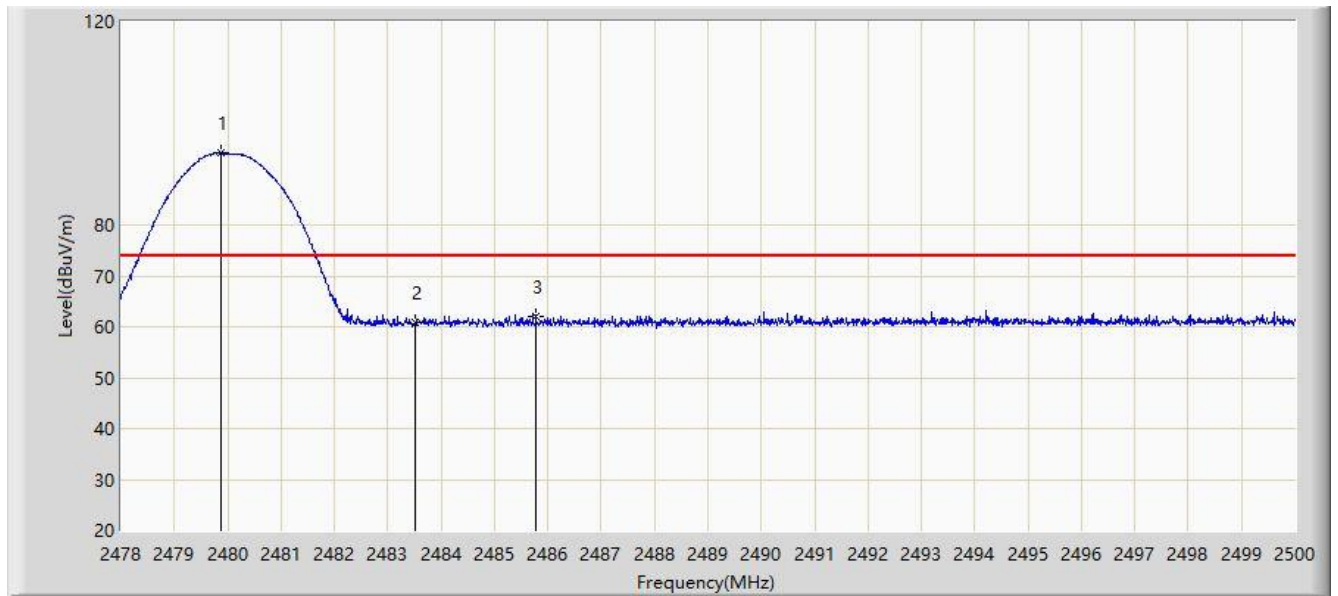


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.627	47.552	18.251	-6.448	54.000	29.301	AV
2			2390.000	47.234	17.939	-6.766	54.000	29.296	AV
3		*	2401.913	86.353	57.077	N/A	N/A	29.275	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

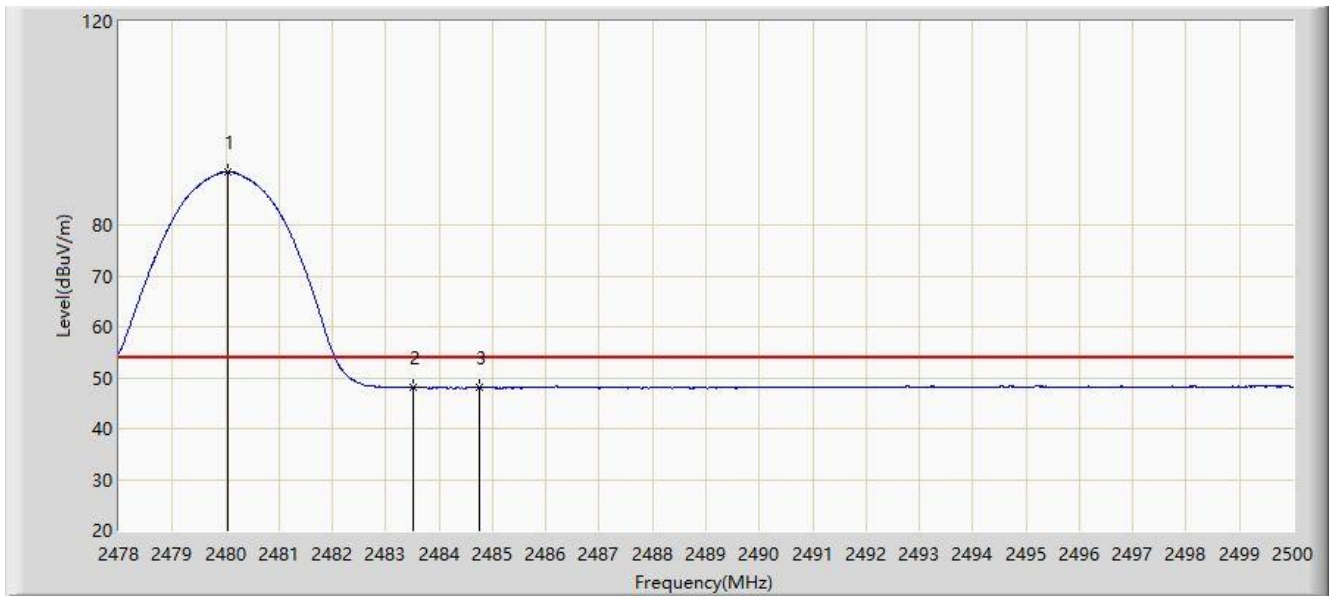


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.870	94.169	65.031	N/A	N/A	29.138	PK
2			2483.500	60.761	31.618	-13.239	74.000	29.143	PK
3			2485.777	62.167	33.021	-11.833	74.000	29.146	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

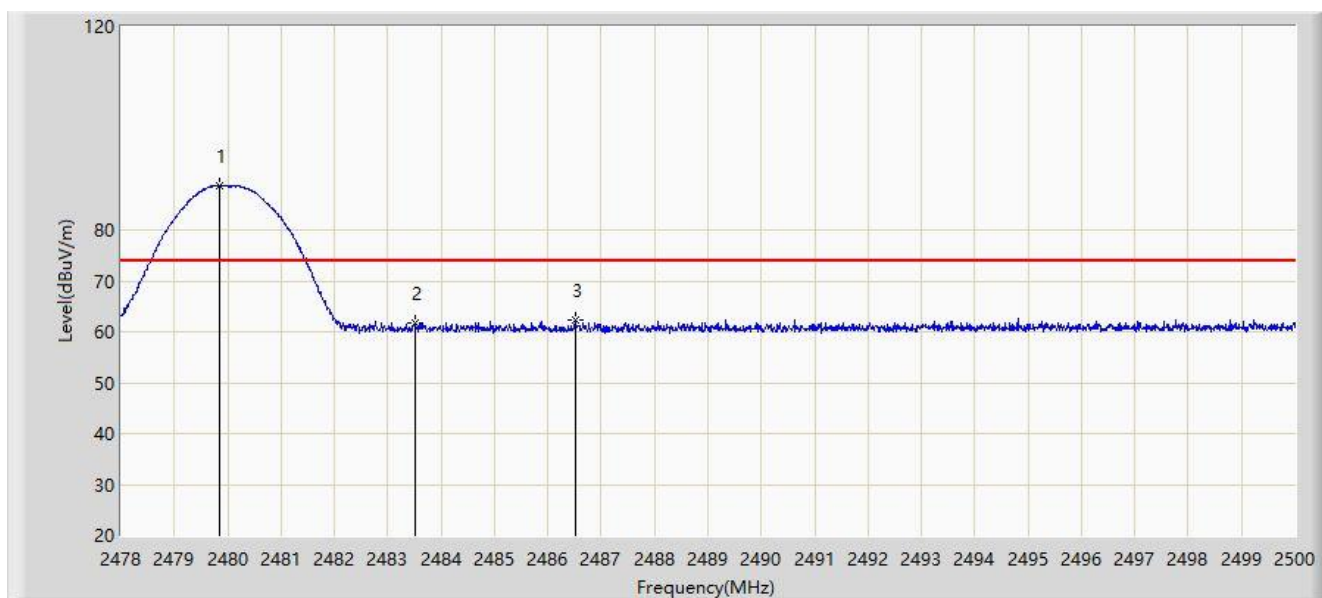


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	90.419	61.280	N/A	N/A	29.139	AV
2			2483.500	48.132	18.989	-5.868	54.000	29.143	AV
3			2484.765	48.197	19.052	-5.803	54.000	29.145	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

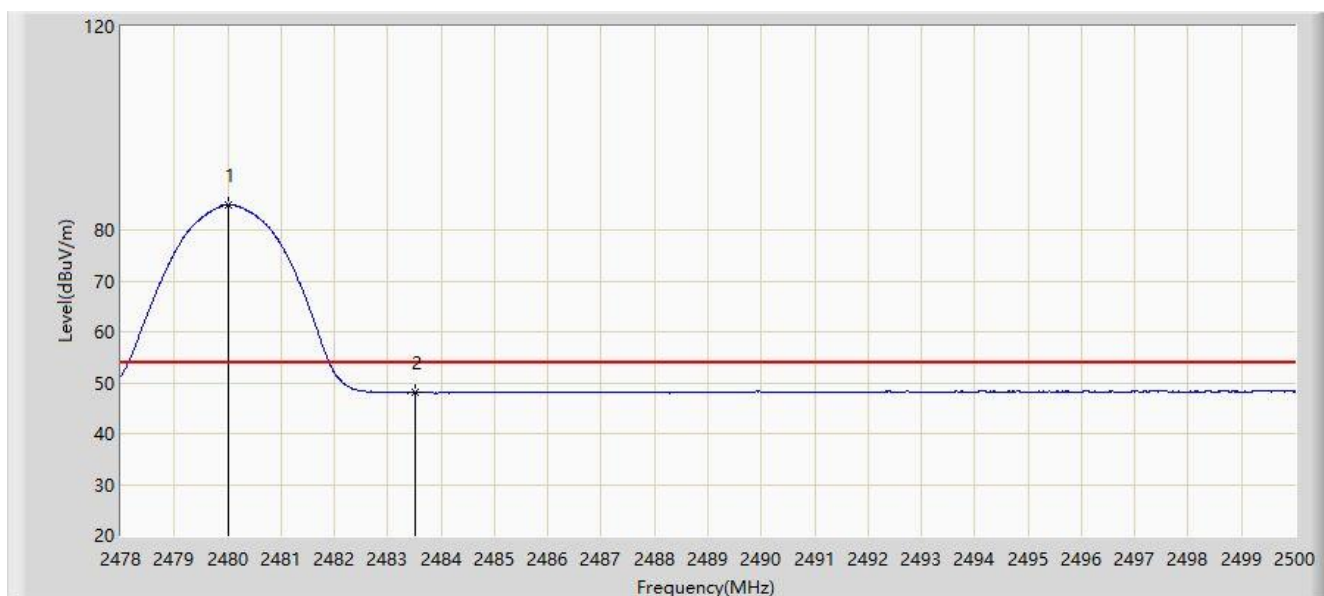


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.859	88.804	59.666	N/A	N/A	29.138	PK
2			2483.500	61.874	32.731	-12.126	74.000	29.143	PK
3			2486.514	62.230	33.082	-11.770	74.000	29.148	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 2DH5 at channel 2480MHz	

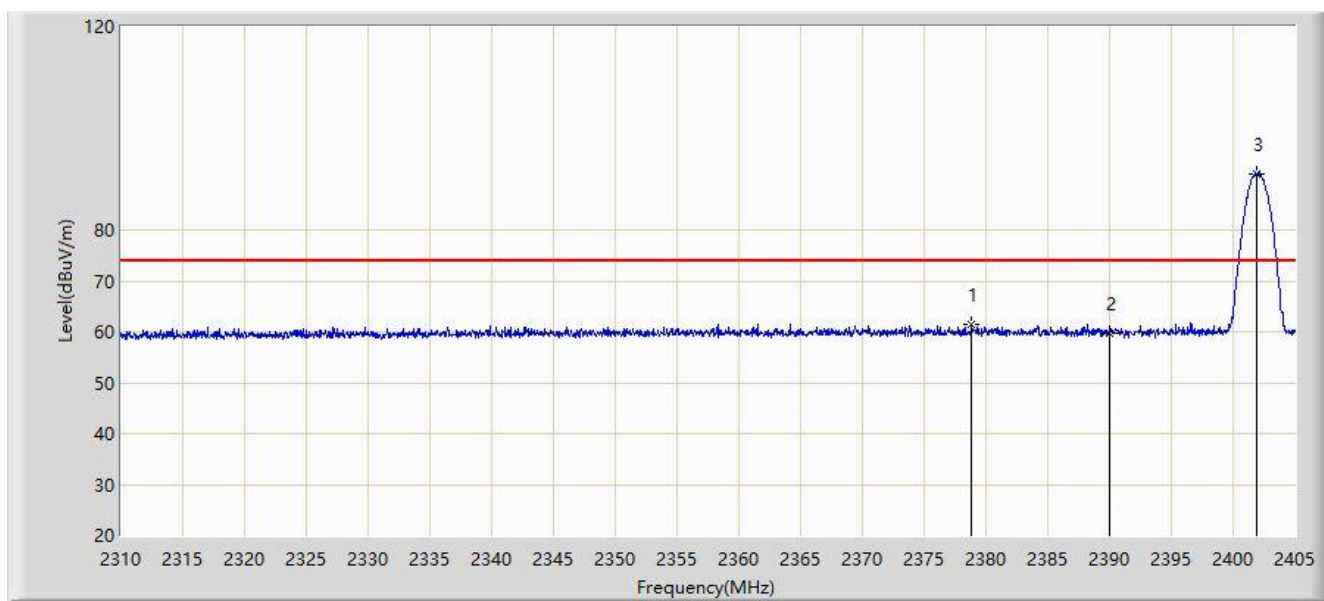


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	84.902	55.764	N/A	N/A	29.138	AV
2			2483.500	48.063	18.920	-5.937	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

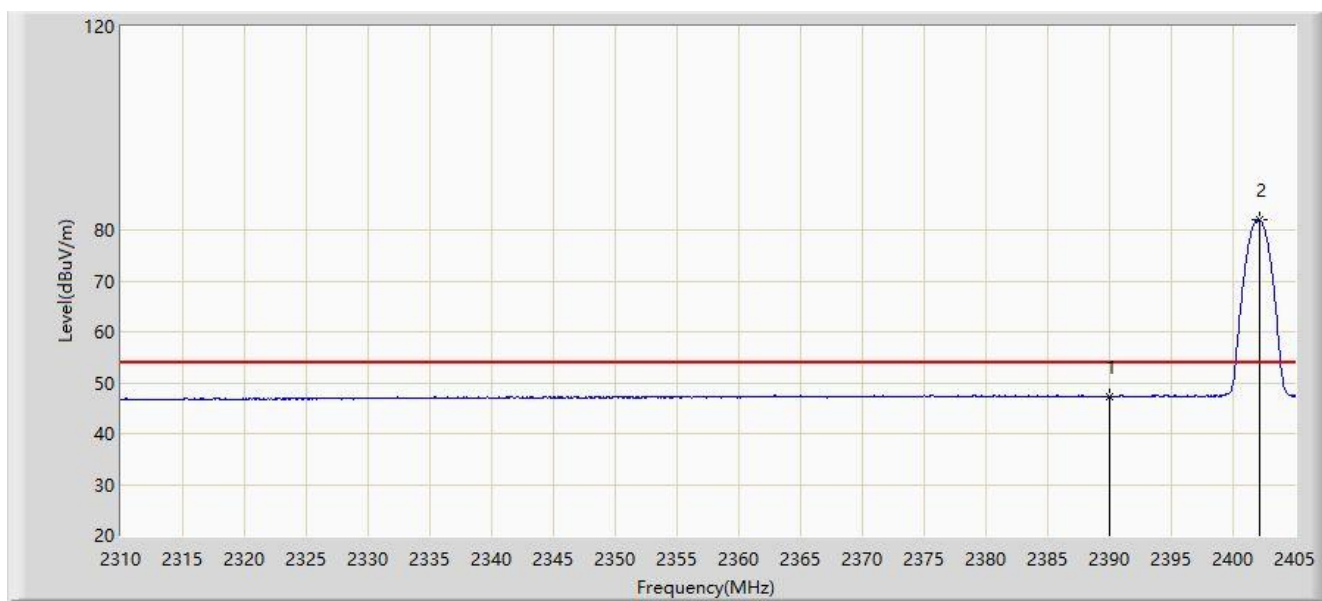


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.827	61.535	32.227	-12.465	74.000	29.307	PK
2			2390.000	59.666	30.371	-14.334	74.000	29.296	PK
3		*	2401.913	91.011	61.735	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

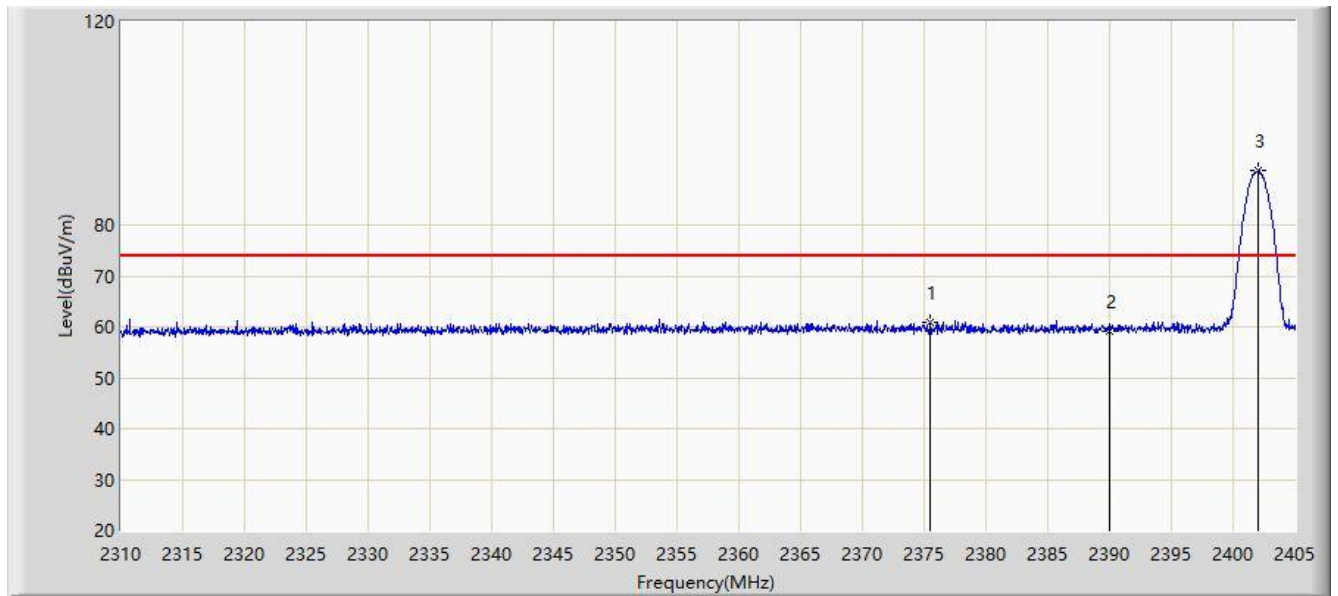


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.261	17.966	-6.739	54.000	29.296	AV
2		*	2402.150	81.970	52.695	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

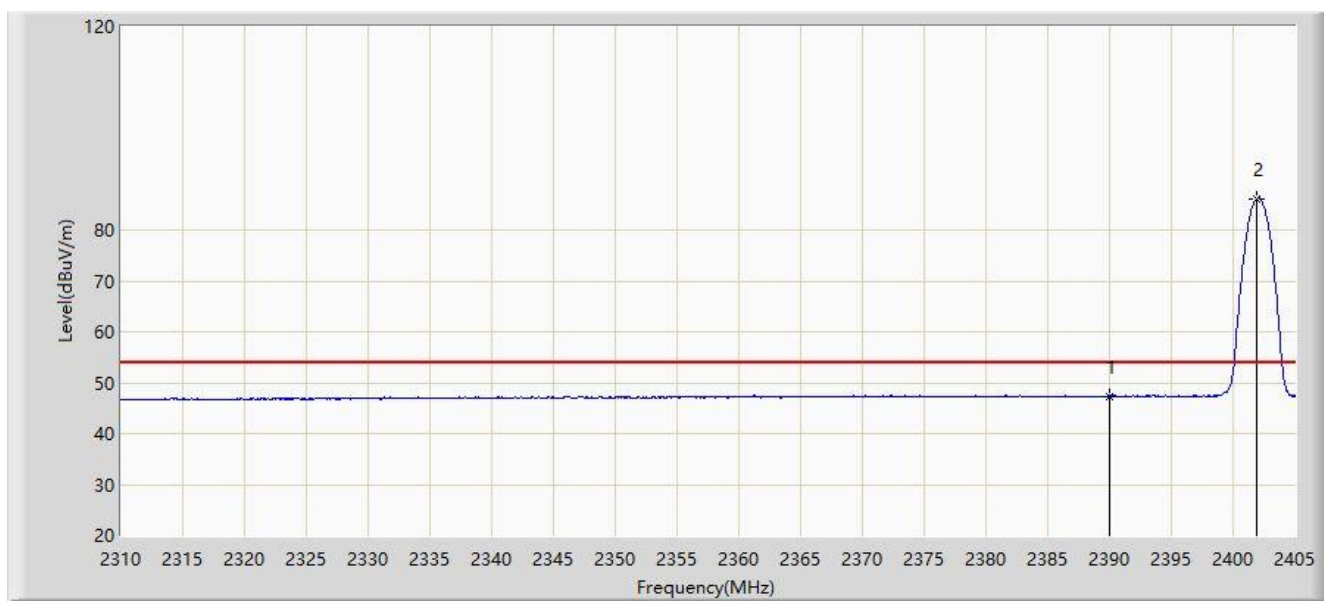


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.502	60.949	31.619	-13.051	74.000	29.329	PK
2			2390.000	59.166	29.871	-14.834	74.000	29.296	PK
3		*	2402.055	90.697	61.422	N/A	N/A	29.275	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2402MHz	

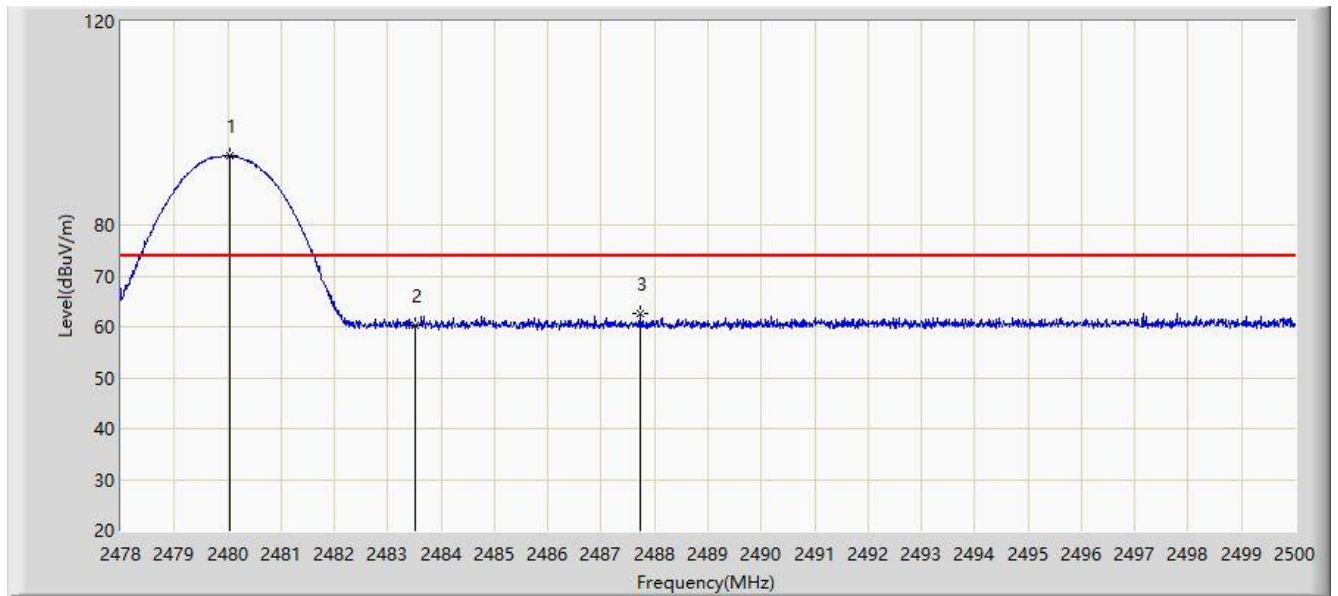


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.390	18.095	-6.610	54.000	29.296	AV
2		*	2401.865	86.065	56.789	N/A	N/A	29.276	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

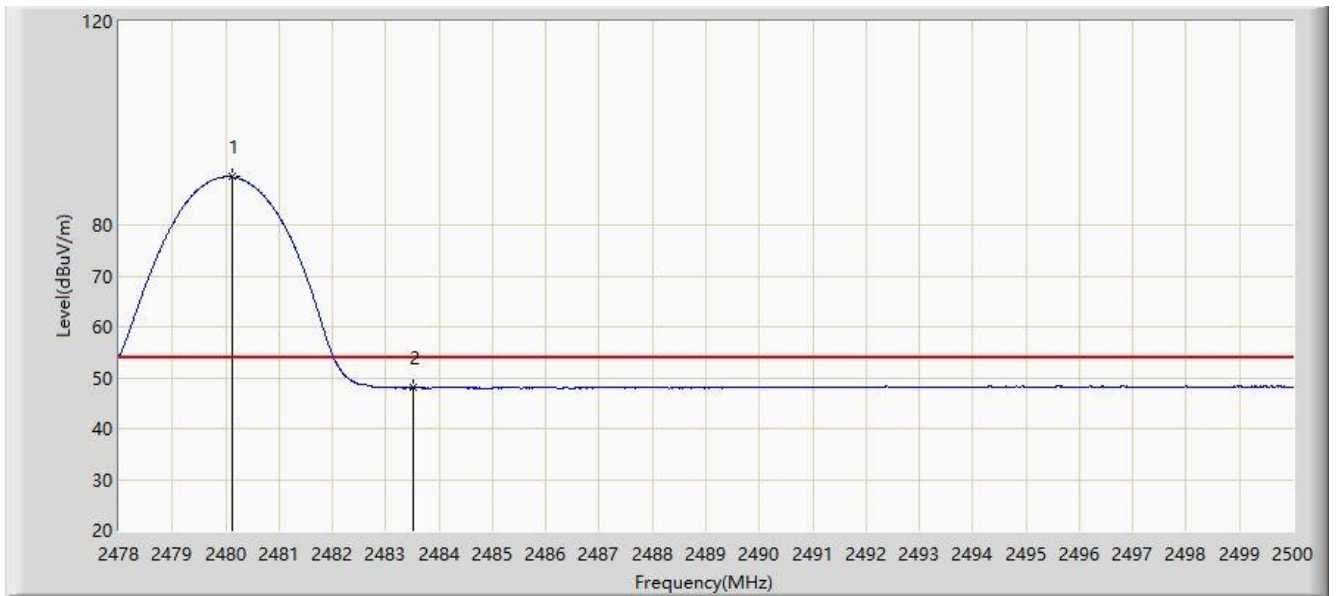


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	93.716	64.577	N/A	N/A	29.139	PK
2			2483.500	60.418	31.275	-13.582	74.000	29.143	PK
3			2487.724	62.515	33.366	-11.485	74.000	29.149	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

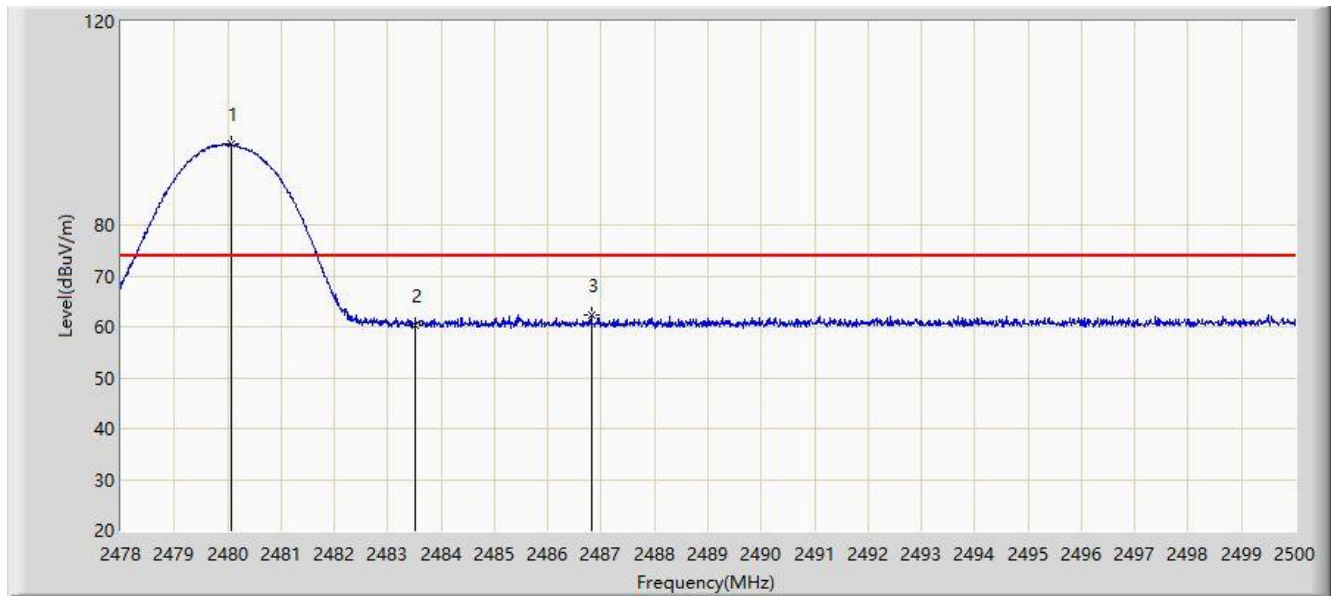


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.112	89.433	60.294	N/A	N/A	29.139	AV
2			2483.500	48.023	18.880	-5.977	54.000	29.143	AV

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

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

Site: AC2	Time: 2020/06/21 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	

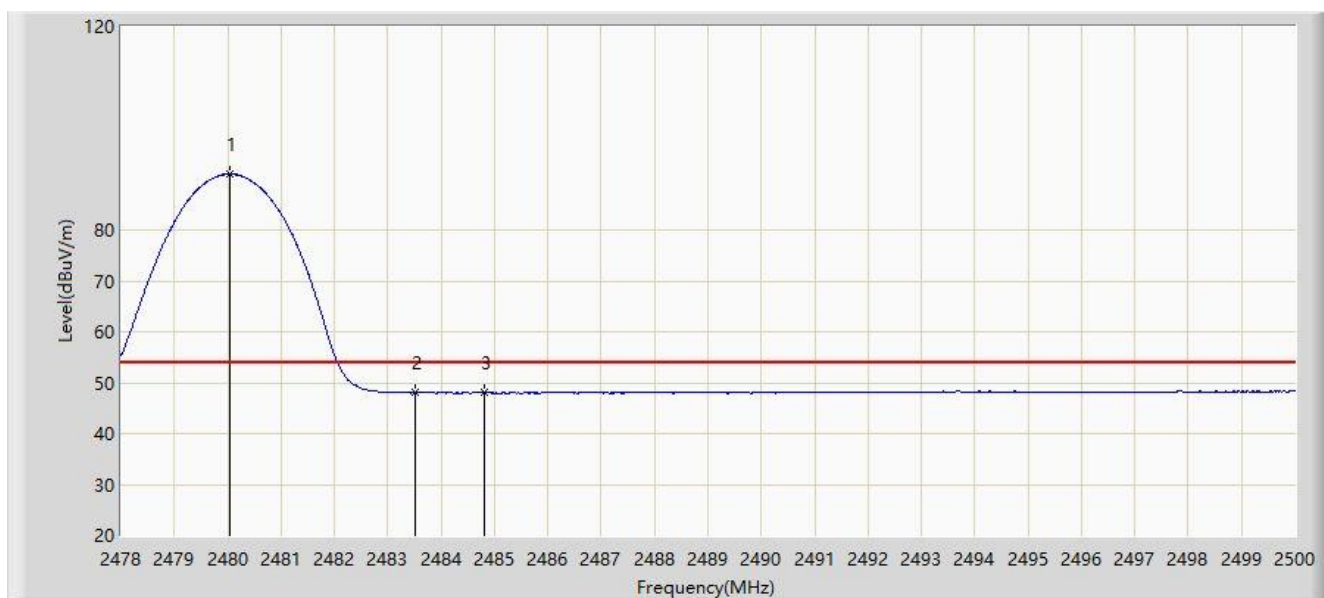


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.057	95.958	66.819	N/A	N/A	29.139	PK
2			2483.500	60.410	31.267	-13.590	74.000	29.143	PK
3			2486.811	62.281	33.133	-11.719	74.000	29.148	PK

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

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

Site: AC2	Time: 2020/06/21 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kyrie Xie
Probe: AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Bluetooth Module	Power: By USB
Test Mode: Transmit by 3DH5 at channel 2480MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.046	90.962	61.823	N/A	N/A	29.139	AV
2			2483.500	48.015	18.872	-5.985	54.000	29.143	AV
3			2484.809	48.110	18.965	-5.890	54.000	29.145	AV

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

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

7.11. AC Conducted Emissions Measurement

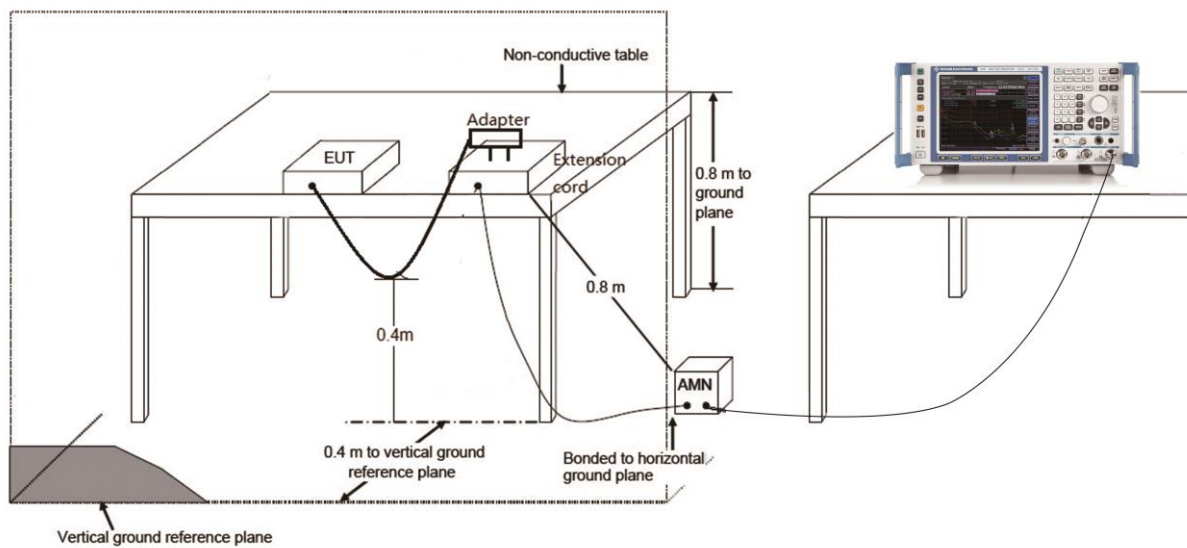
7.11.1. Test Limit

FCC Part 15.207 / RSS-Gen - 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.

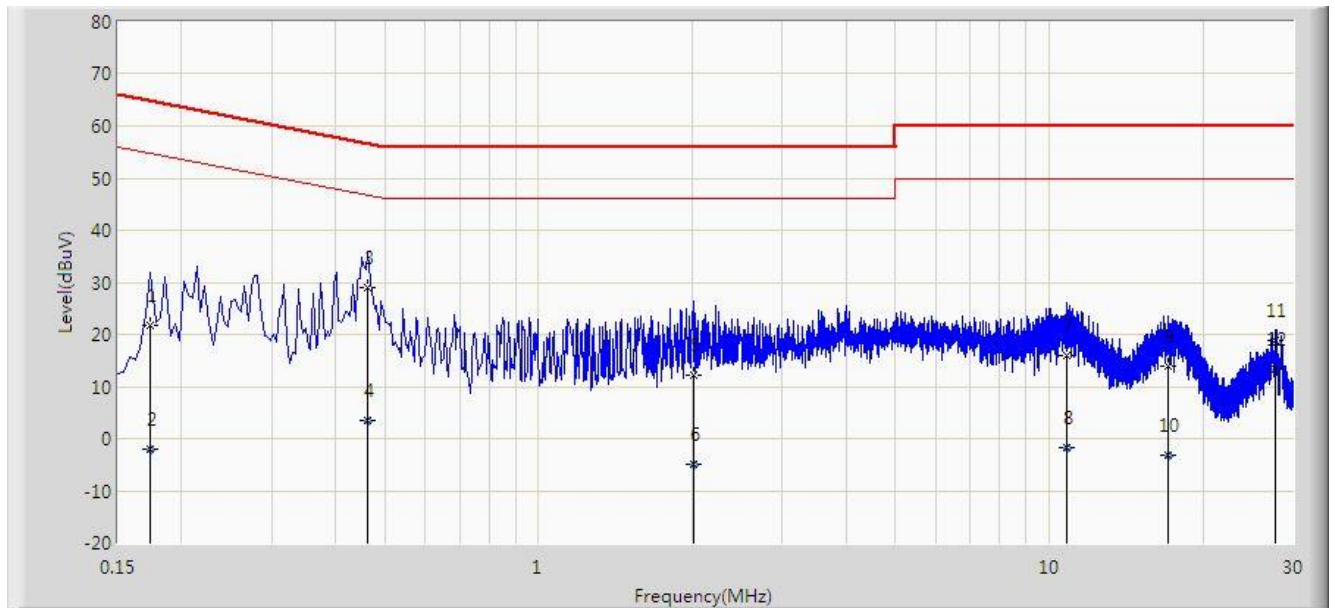
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.11.2. Test Setup



7.11.3.Test Result

Site: SR2	Time: 2020/07/13 - 14:34
Limit: FCC_Part15.207_CE_AC Power	Engineer: Hyde Yu
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Bluetooth Module	Power: AC 120V/60Hz
Worst Case Mode: Transmit by DH5 at channel 2441MHz, for HSBT3007-EA configured with External Dipole Antenna	

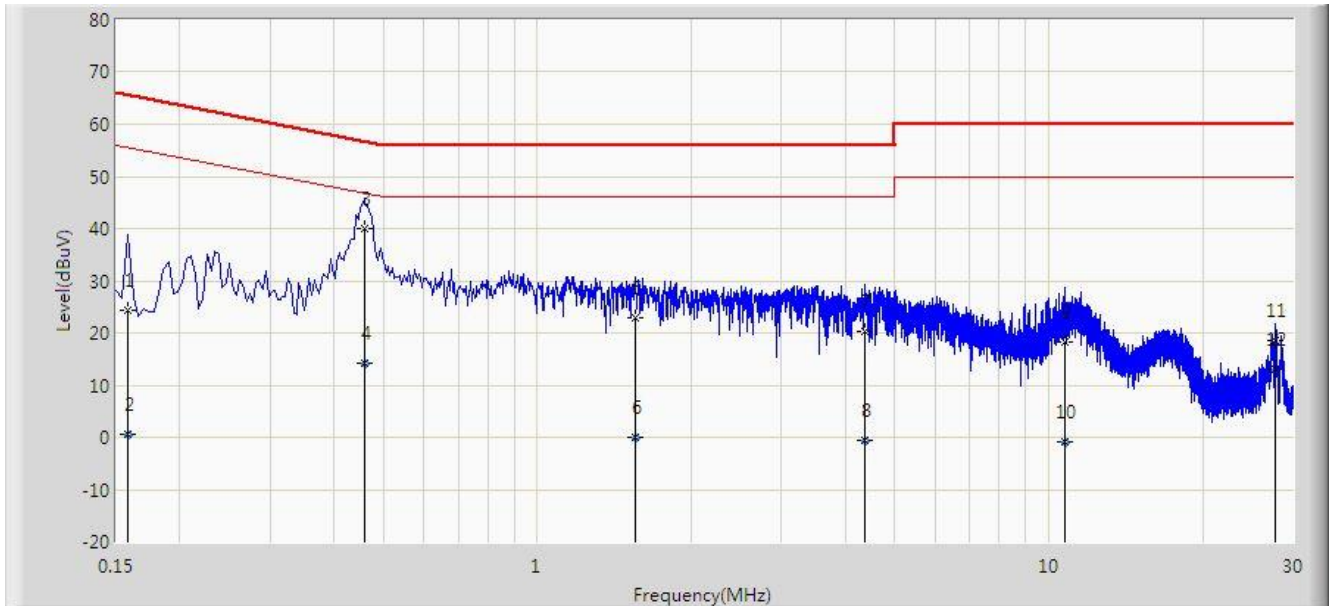


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.174	21.799	12.146	-42.968	64.767	9.653	QP
2			0.174	-2.052	-11.705	-56.819	54.767	9.653	AV
3		*	0.462	28.944	19.215	-27.713	56.657	9.729	QP
4			0.462	3.541	-6.188	-43.116	46.657	9.729	AV
5			2.018	12.290	2.466	-43.710	56.000	9.825	QP
6			2.018	-4.821	-14.645	-50.821	46.000	9.825	AV
7			10.798	15.818	5.451	-44.182	60.000	10.367	QP
8			10.798	-1.741	-12.108	-51.741	50.000	10.367	AV
9			17.046	13.992	3.687	-46.008	60.000	10.305	QP
10			17.046	-3.124	-13.429	-53.124	50.000	10.305	AV
11			27.722	18.795	8.282	-41.205	60.000	10.513	QP
12			27.722	13.370	2.857	-36.630	50.000	10.513	AV

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

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

Site: SR2	Time: 2020/07/13 - 14:39
Limit: FCC_Part15.207_CE_AC Power	Engineer: Hyde Yu
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Bluetooth Module	Power: AC 120V/60Hz
Worst Case Mode: Transmit by DH5 at channel 2441MHz, for HSBT3007-EA configured with External Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.158	24.286	14.679	-41.283	65.568	9.606	QP
2			0.158	0.446	-9.161	-55.123	55.568	9.606	AV
3		*	0.458	39.952	30.304	-16.776	56.729	9.648	QP
4			0.458	14.103	4.455	-32.626	46.729	9.648	AV
5			1.550	22.827	13.084	-33.173	56.000	9.743	QP
6			1.550	-0.021	-9.763	-46.021	46.000	9.743	AV
7			4.366	20.216	10.208	-35.784	56.000	10.008	QP
8			4.366	-0.539	-10.547	-46.539	46.000	10.008	AV
9			10.758	18.354	8.115	-41.646	60.000	10.239	QP
10			10.758	-0.995	-11.234	-50.995	50.000	10.239	AV
11			27.762	18.437	7.934	-41.563	60.000	10.503	QP
12			27.762	13.181	2.678	-36.819	50.000	10.503	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 device is in compliance with Part 15C of the FCC Rules and RSS-247 of the ISED Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2005RSU040-UT” file.

Appendix B - EUT Photograph

Refer to "2005RSU040-UE" file.