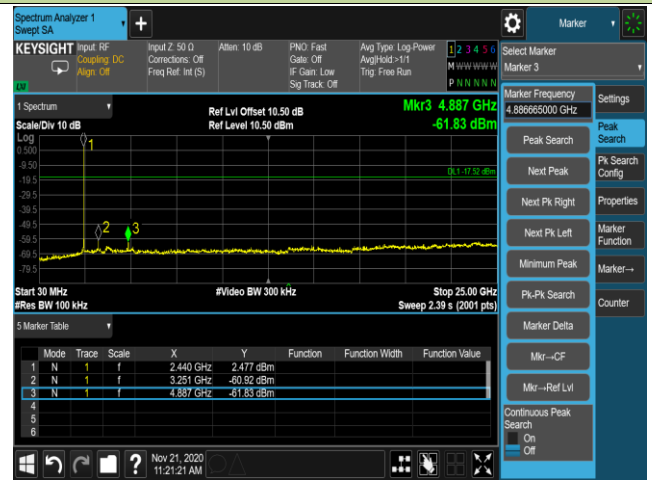


DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)

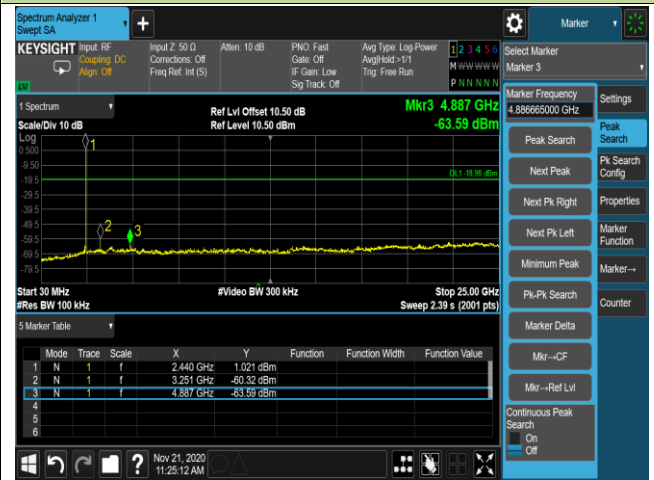


2DH5 Conducted Spurious Emissions

Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)

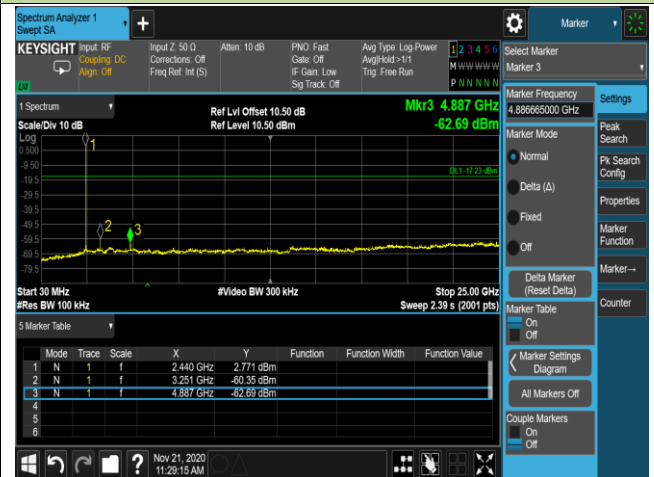


3DH5 Conducted Spurious Emissions

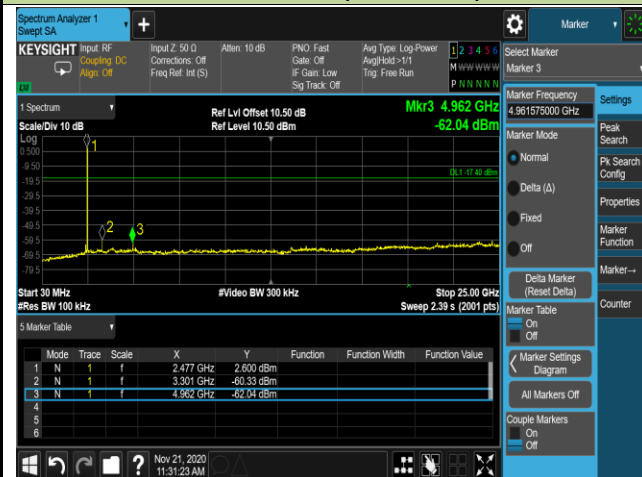
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



6.9. Radiated Spurious Emission Measurement

6.9.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measured Distance (m)
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

6.9.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.3 & 6.4 & 6.5 & 6.6

6.9.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

Peak Measurements above 1GHz

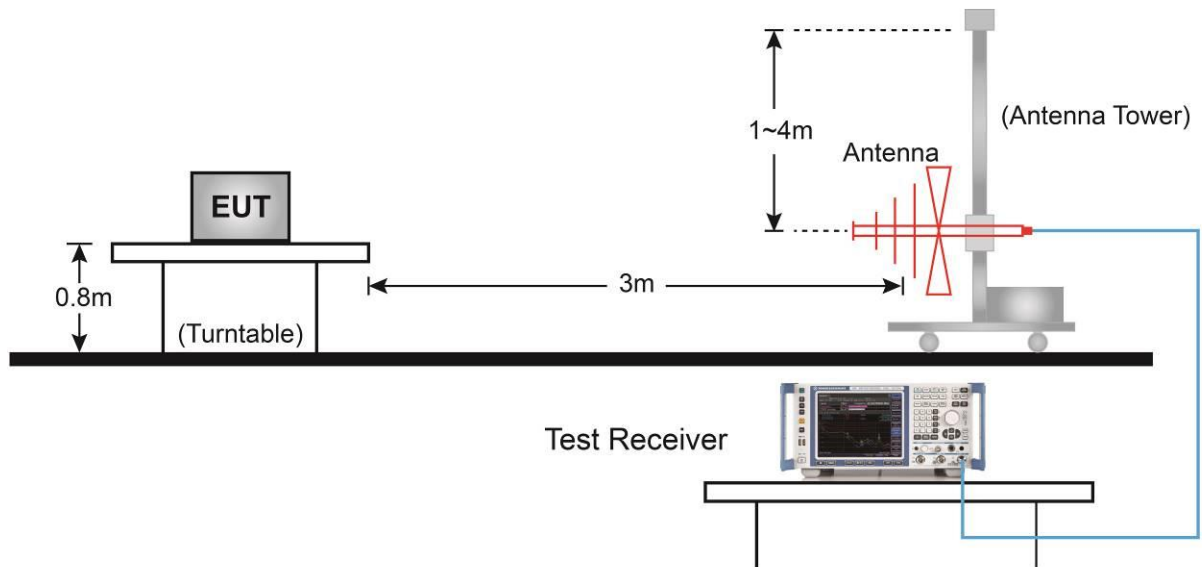
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

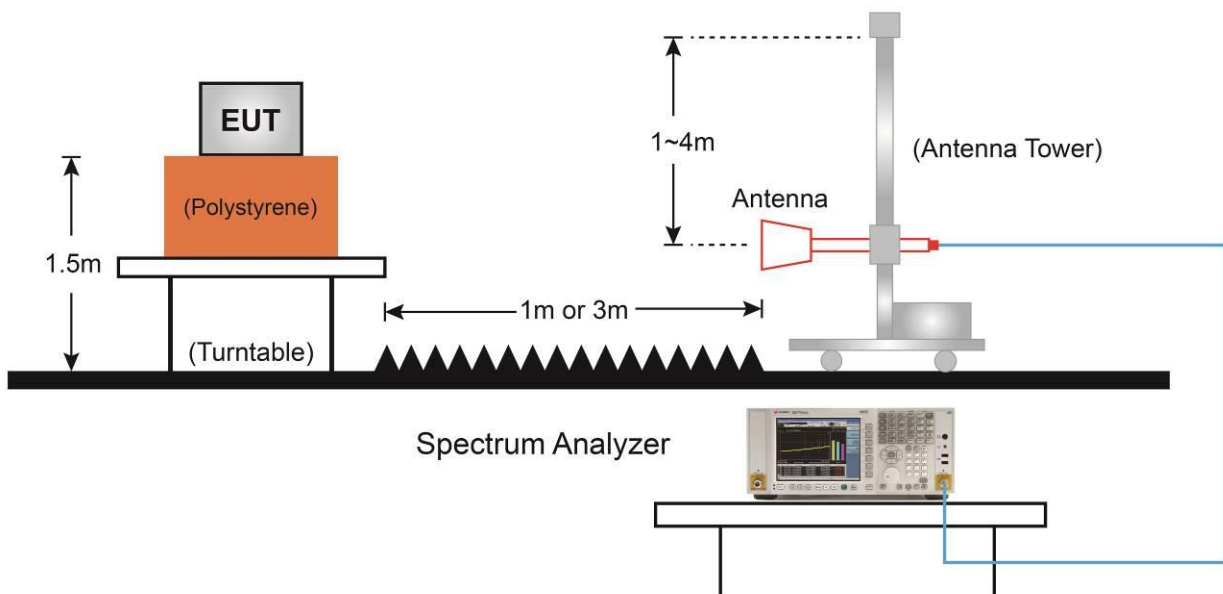
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
4. Detector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

6.9.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.9.5. Test Result

Product used with PCB Antenna:

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4179.0	36.3	1.6	37.9	74.0	-36.1	Peak	Horizontal
	4808.0	40.2	3.8	44.0	74.0	-30.0	Peak	Horizontal
*	6950.0	34.7	9.4	44.1	74.0	-29.9	Peak	Horizontal
*	10112.0	34.1	13.9	48.0	74.0	-26.0	Peak	Horizontal
	4119.5	36.5	1.3	37.8	74.0	-36.2	Peak	Vertical
	4808.0	36.3	3.8	40.1	74.0	-33.9	Peak	Vertical
*	7179.5	35.3	10.7	46.0	74.0	-28.0	Peak	Vertical
*	8616.0	31.4	12.0	43.4	74.0	-30.6	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4026.0	36.7	1.2	37.9	74.0	-36.1	Peak	Horizontal
	4884.5	40.7	3.3	44.0	74.0	-30.0	Peak	Horizontal
*	6584.5	34.6	8.0	42.6	74.0	-31.4	Peak	Horizontal
*	8743.5	31.2	12.4	43.6	74.0	-30.4	Peak	Horizontal
	4111.0	36.5	1.2	37.7	74.0	-36.3	Peak	Vertical
	5063.0	35.6	4.1	39.7	74.0	-34.3	Peak	Vertical
*	6576.0	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	7834.0	33.6	10.6	44.2	74.0	-29.8	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4094.0	36.0	1.1	37.1	74.0	-36.9	Peak	Horizontal
	4961.0	39.0	3.2	42.2	74.0	-31.8	Peak	Horizontal
*	6839.5	34.0	8.7	42.7	74.0	-31.3	Peak	Horizontal
*	7842.5	32.5	10.7	43.2	74.0	-30.8	Peak	Horizontal
	4017.5	36.5	1.3	37.8	74.0	-36.2	Peak	Vertical
	5114.0	35.5	3.8	39.3	74.0	-34.7	Peak	Vertical
*	5913.0	33.5	5.2	38.7	74.0	-35.3	Peak	Vertical
*	7885.0	32.2	10.5	42.7	74.0	-31.3	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4111.0	36.2	1.2	37.4	74.0	-36.6	Peak	Horizontal
	4808.0	39.7	3.8	43.5	74.0	-30.5	Peak	Horizontal
*	6567.5	34.8	7.8	42.6	74.0	-31.4	Peak	Horizontal
*	8735.0	30.9	12.3	43.2	74.0	-30.8	Peak	Horizontal
	4043.0	37.3	1.1	38.4	74.0	-35.6	Peak	Vertical
	4910.0	36.0	3.6	39.6	74.0	-34.4	Peak	Vertical
*	6584.5	33.0	8.0	41.0	74.0	-33.0	Peak	Vertical
*	8752.0	32.3	12.5	44.8	74.0	-29.2	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4034.5	37.3	1.0	38.3	74.0	-35.7	Peak	Horizontal
	4884.5	38.0	3.3	41.3	74.0	-32.7	Peak	Horizontal
*	6941.5	34.3	9.3	43.6	74.0	-30.4	Peak	Horizontal
*	8777.5	32.4	12.4	44.8	74.0	-29.2	Peak	Horizontal
	4051.5	36.2	1.2	37.4	74.0	-36.6	Peak	Vertical
	4655.0	34.3	3.5	37.8	74.0	-36.2	Peak	Vertical
*	6414.5	32.7	7.0	39.7	74.0	-34.3	Peak	Vertical
*	8692.5	30.5	12.0	42.5	74.0	-31.5	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4136.5	35.8	1.4	37.2	74.0	-36.8	Peak	Horizontal
	4961.0	37.9	3.2	41.1	74.0	-32.9	Peak	Horizontal
*	6159.5	34.6	5.8	40.4	74.0	-33.6	Peak	Horizontal
*	8777.5	30.5	12.4	42.9	74.0	-31.1	Peak	Horizontal
	4179.0	36.5	1.6	38.1	74.0	-35.9	Peak	Vertical
	4833.5	35.1	3.5	38.6	74.0	-35.4	Peak	Vertical
*	5734.5	35.4	4.7	40.1	74.0	-33.9	Peak	Vertical
*	7876.5	31.5	10.6	42.1	74.0	-31.9	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4179.0	37.4	1.6	39.0	74.0	-35.0	Peak	Horizontal
	4808.0	39.6	3.8	43.4	74.0	-30.6	Peak	Horizontal
*	6185.0	34.2	6.0	40.2	74.0	-33.8	Peak	Horizontal
*	7910.5	30.7	10.7	41.4	74.0	-32.6	Peak	Horizontal
	4111.0	35.7	1.2	36.9	74.0	-37.1	Peak	Vertical
	4910.0	35.8	3.6	39.4	74.0	-34.6	Peak	Vertical
*	5972.5	33.7	5.5	39.2	74.0	-34.8	Peak	Vertical
*	7936.0	30.7	11.0	41.7	74.0	-32.3	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	3966.5	37.4	0.7	38.1	74.0	-35.9	Peak	Horizontal
	4884.5	38.1	3.3	41.4	74.0	-32.6	Peak	Horizontal
*	6431.5	34.3	7.2	41.5	74.0	-32.5	Peak	Horizontal
*	8777.5	30.4	12.4	42.8	74.0	-31.2	Peak	Horizontal
	4179.0	36.2	1.6	37.8	74.0	-36.2	Peak	Vertical
	4884.5	36.6	3.3	39.9	74.0	-34.1	Peak	Vertical
*	6414.5	34.4	7.0	41.4	74.0	-32.6	Peak	Vertical
*	7842.5	32.3	10.7	43.0	74.0	-31.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4170.5	35.5	1.6	37.1	74.0	-36.9	Peak	Horizontal
	4791.0	34.8	3.8	38.6	74.0	-35.4	Peak	Horizontal
*	5845.0	36.3	5.0	41.3	74.0	-32.7	Peak	Horizontal
*	7817.0	33.0	10.6	43.6	74.0	-30.4	Peak	Horizontal
	4170.5	36.5	1.6	38.1	74.0	-35.9	Peak	Vertical
	4825.0	36.1	3.5	39.6	74.0	-34.4	Peak	Vertical
*	6091.5	34.7	6.2	40.9	74.0	-33.1	Peak	Vertical
*	7919.0	32.4	10.9	43.3	74.0	-30.7	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product used with Dipole Antenna

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	3881.5	37.4	0.6	38.0	74.0	-36.0	Peak	Horizontal
	4765.5	35.7	3.5	39.2	74.0	-34.8	Peak	Horizontal
*	5904.5	34.5	5.1	39.6	74.0	-34.4	Peak	Horizontal
*	8633.0	31.0	11.8	42.8	74.0	-31.2	Peak	Horizontal
	3958.0	35.9	0.7	36.6	74.0	-37.4	Peak	Vertical
	4808.0	38.0	3.8	41.8	74.0	-32.2	Peak	Vertical
*	6049.0	35.0	5.6	40.6	74.0	-33.4	Peak	Vertical
*	8743.5	32.6	12.4	45.0	74.0	-29.0	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4111.0	36.5	1.2	37.7	74.0	-36.3	Peak	Horizontal
	4910.0	35.4	3.6	39.0	74.0	-35.0	Peak	Horizontal
*	6159.5	33.9	5.8	39.7	74.0	-34.3	Peak	Horizontal
*	7978.5	30.7	11.2	41.9	74.0	-32.1	Peak	Horizontal
	4128.0	35.6	1.3	36.9	74.0	-37.1	Peak	Vertical
	4884.5	38.5	3.3	41.8	74.0	-32.2	Peak	Vertical
*	6329.5	34.9	6.5	41.4	74.0	-32.6	Peak	Vertical
*	7842.5	31.6	10.7	42.3	74.0	-31.7	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4170.5	36.1	1.6	37.7	74.0	-36.3	Peak	Horizontal
	4893.0	34.8	3.4	38.2	74.0	-35.8	Peak	Horizontal
*	6083.0	34.7	6.4	41.1	74.0	-32.9	Peak	Horizontal
*	7910.5	32.3	10.7	43.0	74.0	-31.0	Peak	Horizontal
	4119.5	36.5	1.3	37.8	74.0	-36.2	Peak	Vertical
	4961.0	40.0	3.2	43.2	74.0	-30.8	Peak	Vertical
*	6193.5	34.7	6.0	40.7	74.0	-33.3	Peak	Vertical
*	7944.5	30.5	11.0	41.5	74.0	-32.5	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	3941.0	36.2	0.6	36.8	74.0	-37.2	Peak	Horizontal
	4791.0	35.7	3.8	39.5	74.0	-34.5	Peak	Horizontal
*	6482.5	35.6	7.5	43.1	74.0	-30.9	Peak	Horizontal
*	8735.0	32.7	12.3	45.0	74.0	-29.0	Peak	Horizontal
	4162.0	35.8	1.7	37.5	74.0	-36.5	Peak	Vertical
	4808.0	36.7	3.8	40.5	74.0	-33.5	Peak	Vertical
*	5845.0	35.5	5.0	40.5	74.0	-33.5	Peak	Vertical
*	8820.0	32.9	12.2	45.1	74.0	-28.9	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4179.0	36.5	1.6	38.1	74.0	-35.9	Peak	Horizontal
	4901.5	34.7	3.5	38.2	74.0	-35.8	Peak	Horizontal
*	5896.0	36.1	5.1	41.2	74.0	-32.8	Peak	Horizontal
*	7851.0	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
	4102.5	36.6	1.1	37.7	74.0	-36.3	Peak	Vertical
	4884.5	37.9	3.3	41.2	74.0	-32.8	Peak	Vertical
*	6125.5	35.2	5.9	41.1	74.0	-32.9	Peak	Vertical
*	7876.5	32.5	10.6	43.1	74.0	-30.9	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4017.5	36.3	1.3	37.6	74.0	-36.4	Peak	Horizontal
	4927.0	35.8	3.7	39.5	74.0	-34.5	Peak	Horizontal
*	6610.0	35.9	7.7	43.6	74.0	-30.4	Peak	Horizontal
*	7919.0	31.8	10.9	42.7	74.0	-31.3	Peak	Horizontal
	3890.0	37.2	0.8	38.0	74.0	-36.0	Peak	Vertical
	4961.0	38.1	3.2	41.3	74.0	-32.7	Peak	Vertical
*	6525.0	34.5	7.5	42.0	74.0	-32.0	Peak	Vertical
*	7842.5	32.5	10.7	43.2	74.0	-30.8	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	3881.5	36.6	0.6	37.2	74.0	-36.8	Peak	Horizontal
	5046.0	35.9	4.0	39.9	74.0	-34.1	Peak	Horizontal
*	6253.0	34.9	6.4	41.3	74.0	-32.7	Peak	Horizontal
*	7842.5	32.2	10.7	42.9	74.0	-31.1	Peak	Horizontal
	4060.0	36.4	1.1	37.5	74.0	-36.5	Peak	Vertical
	4808.0	37.5	3.8	41.3	74.0	-32.7	Peak	Vertical
*	6321.0	35.4	6.4	41.8	74.0	-32.2	Peak	Vertical
*	8012.5	32.8	11.4	44.2	74.0	-29.8	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	4094.0	34.9	1.1	36.0	74.0	-38.0	Peak	Horizontal
	4799.5	34.7	3.8	38.5	74.0	-35.5	Peak	Horizontal
*	6448.5	34.4	7.3	41.7	74.0	-32.3	Peak	Horizontal
*	7953.0	31.1	11.0	42.1	74.0	-31.9	Peak	Horizontal
	3898.5	37.4	0.6	38.0	74.0	-36.0	Peak	Vertical
	4791.0	35.8	3.8	39.6	74.0	-34.4	Peak	Vertical
*	6457.0	34.7	7.3	42.0	74.0	-32.0	Peak	Vertical
*	7902.0	32.8	10.6	43.4	74.0	-30.6	Peak	Vertical

Note 1: "*" means test frequency didn't fall into restricted band.

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

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

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/20
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
	3958.0	36.3	0.7	37.0	74.0	-37.0	Peak	Horizontal
	5046.0	36.2	4.0	40.2	74.0	-33.8	Peak	Horizontal
*	7035.0	32.9	10.2	43.1	74.0	-30.9	Peak	Horizontal
*	8777.5	30.7	12.4	43.1	74.0	-30.9	Peak	Horizontal
	4077.0	34.4	1.0	35.4	74.0	-38.6	Peak	Vertical
	4731.5	34.2	3.1	37.3	74.0	-36.7	Peak	Vertical
*	6168.0	33.8	5.9	39.7	74.0	-34.3	Peak	Vertical
*	7910.5	31.4	10.7	42.1	74.0	-31.9	Peak	Vertical

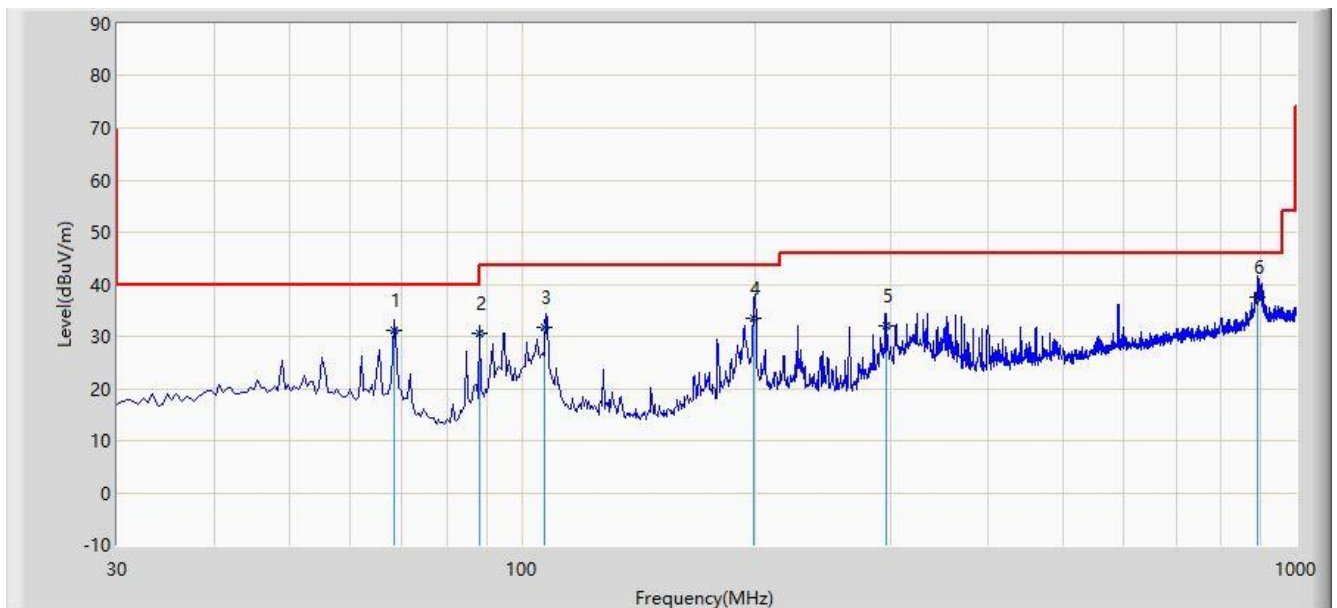
Note 1: "*" means test frequency didn't fall into restricted band.

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

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

The Result of Radiated Emission below 1GHz:

Site: WZ-AC2	Time: 2020/11/21 - 11:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz - Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			68.260	31.268	14.210	-8.732	40.000	17.058	QP
2			88.250	30.576	14.630	-12.924	43.500	15.946	QP
3			107.110	31.731	13.250	-11.769	43.500	18.481	QP
4			199.650	33.471	14.520	-10.029	43.500	18.951	QP
5			295.210	32.000	11.040	-14.000	46.000	20.960	QP
6		*	890.875	37.504	6.250	-8.496	46.000	31.254	QP

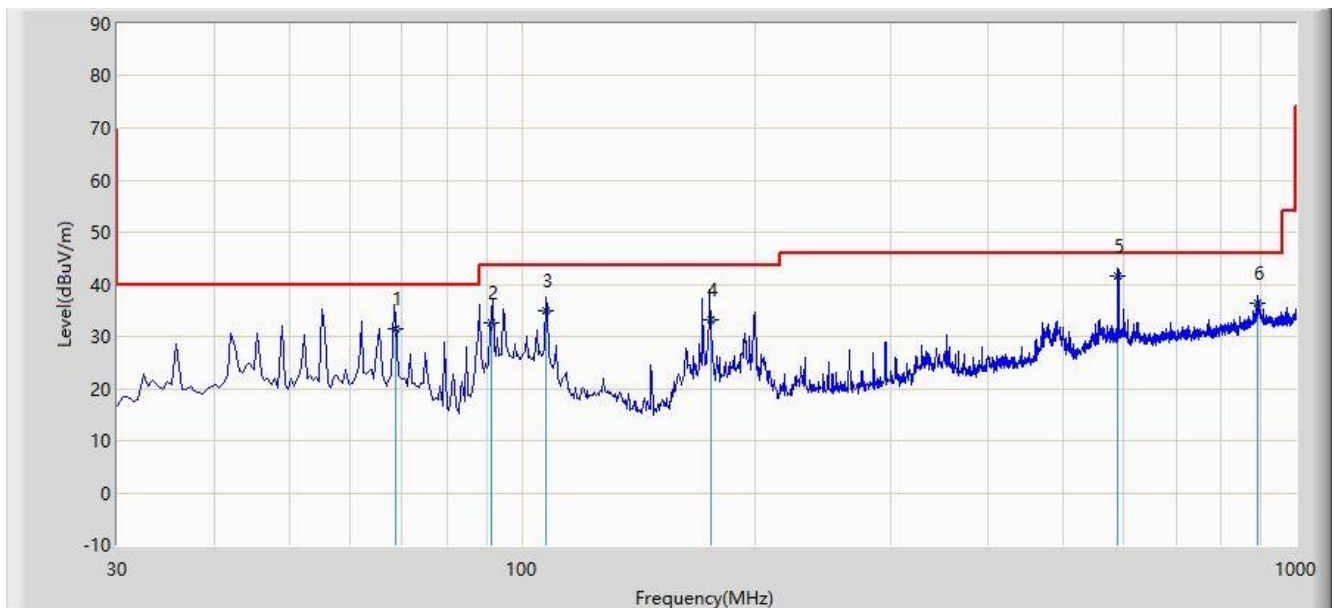
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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: WZ-AC2	Time: 2020/11/21 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz - Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			68.630	31.507	14.570	-8.493	40.000	16.937	QP
2			91.240	32.632	15.680	-10.868	43.500	16.952	QP
3			107.650	34.958	16.540	-8.542	43.500	18.418	QP
4			175.420	33.069	16.540	-10.431	43.500	16.529	QP
5		*	589.650	41.557	14.210	-4.443	46.000	27.346	QP
6			891.240	36.465	5.210	-9.535	46.000	31.256	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.

6.10. Radiated Restricted Band Edge Measurement

6.10.1. Test Limit

For 15.205 requirement:

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

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

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measured Distance (m)
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

6.10.2. Test Procedure Used

ANSI C63.10-2013 - Section 6.3 & 6.6 & 6.10

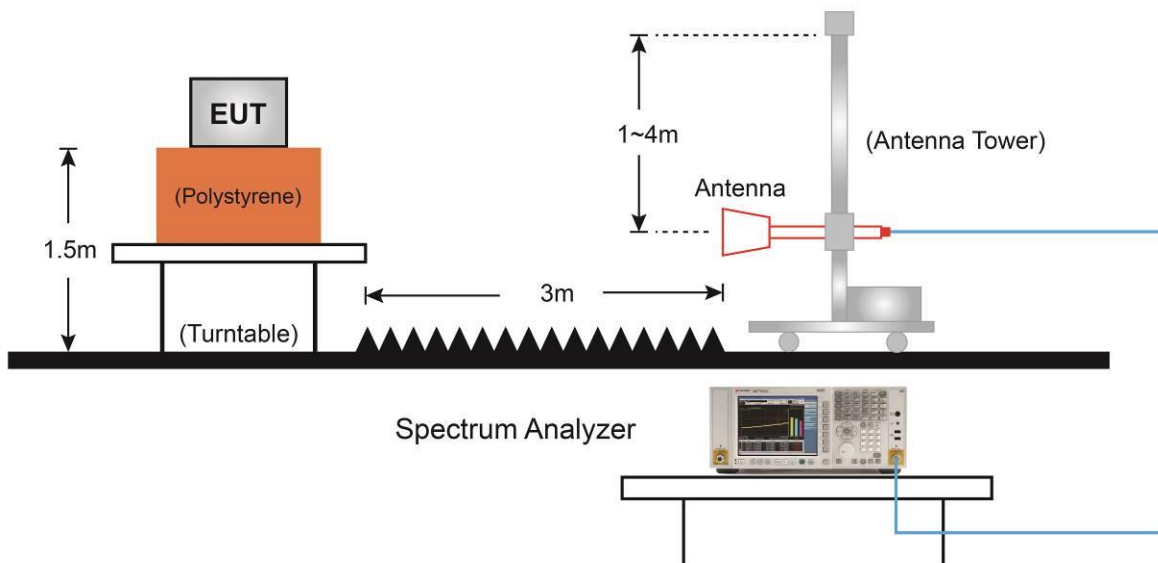
6.10.3. Test Setting

Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

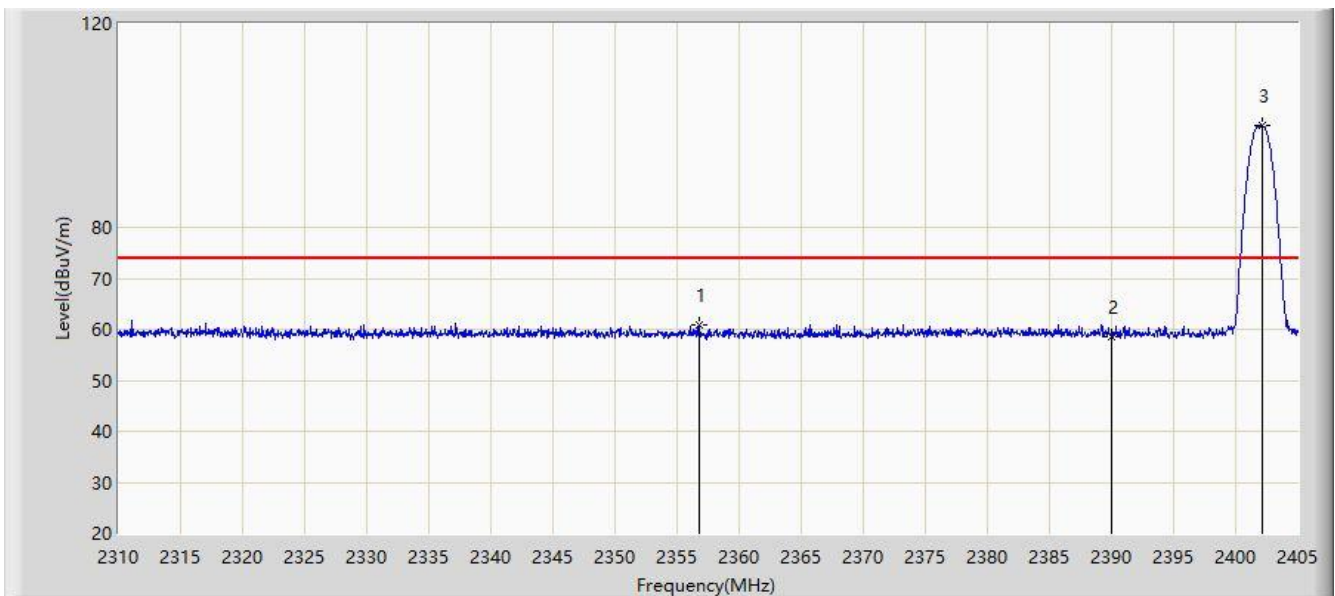
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
4. If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
5.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

6.10.4.Test Setup

6.10.5.Test Result

Product used with PCB Antenna

Site: WZ-AC2	Time: 2020/11/20 - 11:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

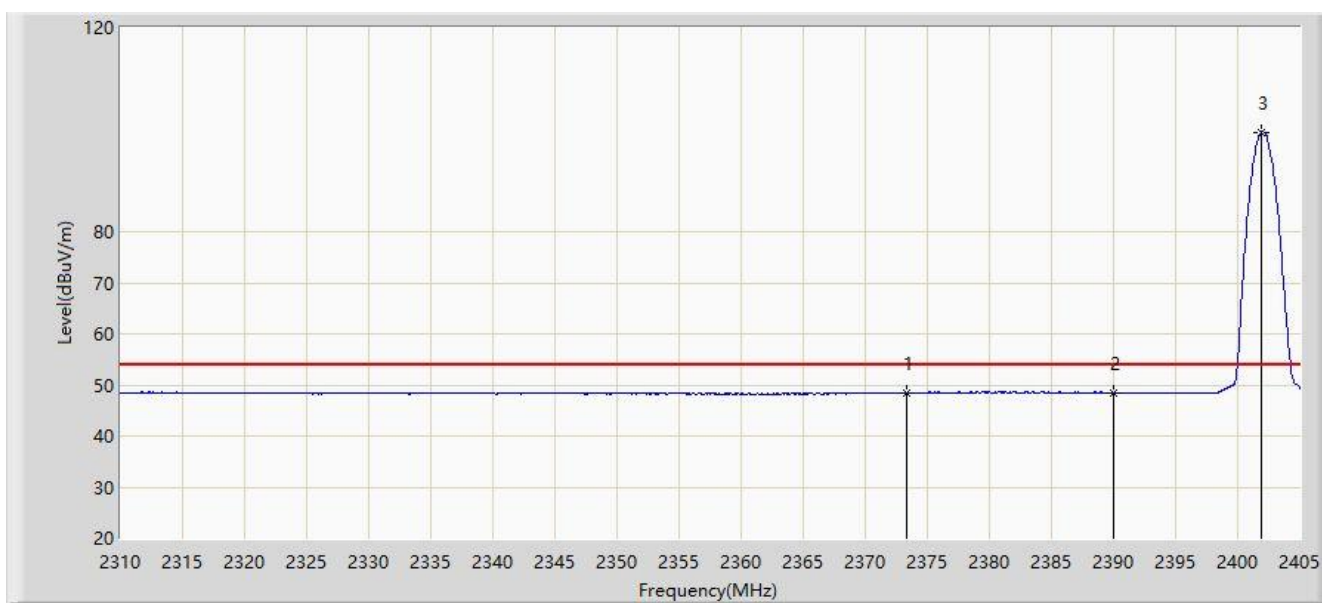


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2356.788	60.885	28.207	-13.115	74.000	32.678	PK
2			2390.000	58.598	25.937	-15.402	74.000	32.660	PK
3		*	2402.150	99.920	67.352	N/A	N/A	32.569	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

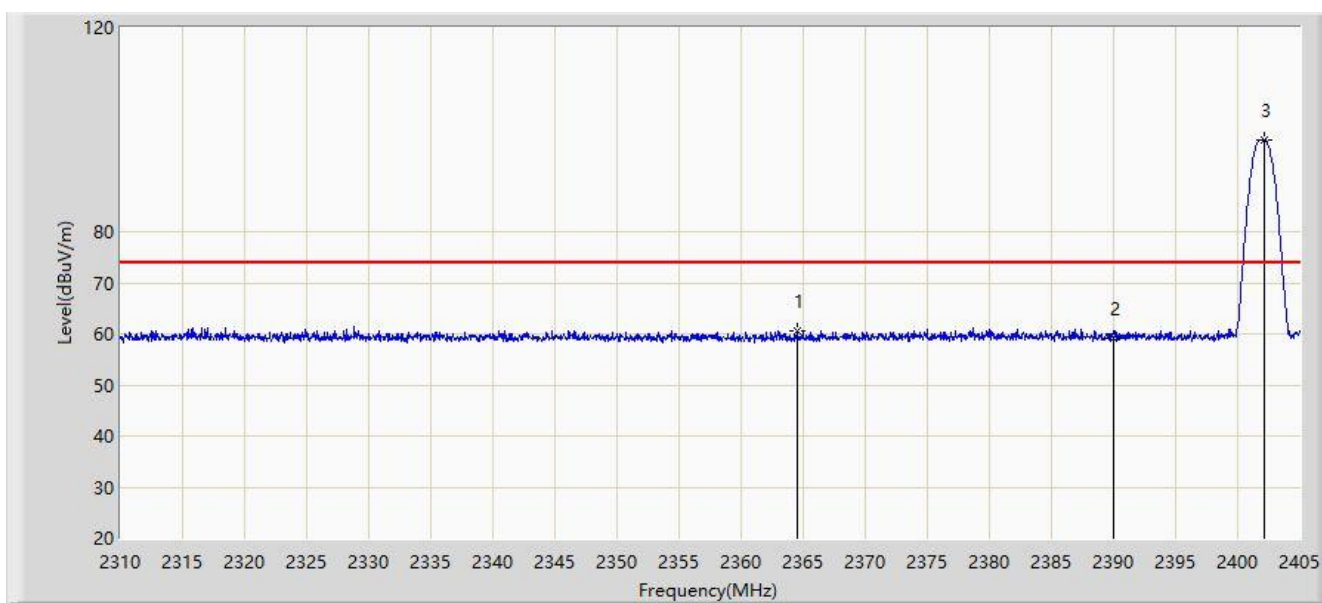


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.317	48.444	15.656	-5.556	54.000	32.789	AV
2			2390.000	48.405	15.744	-5.595	54.000	32.660	AV
3		*	2401.865	99.352	66.787	N/A	N/A	32.564	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

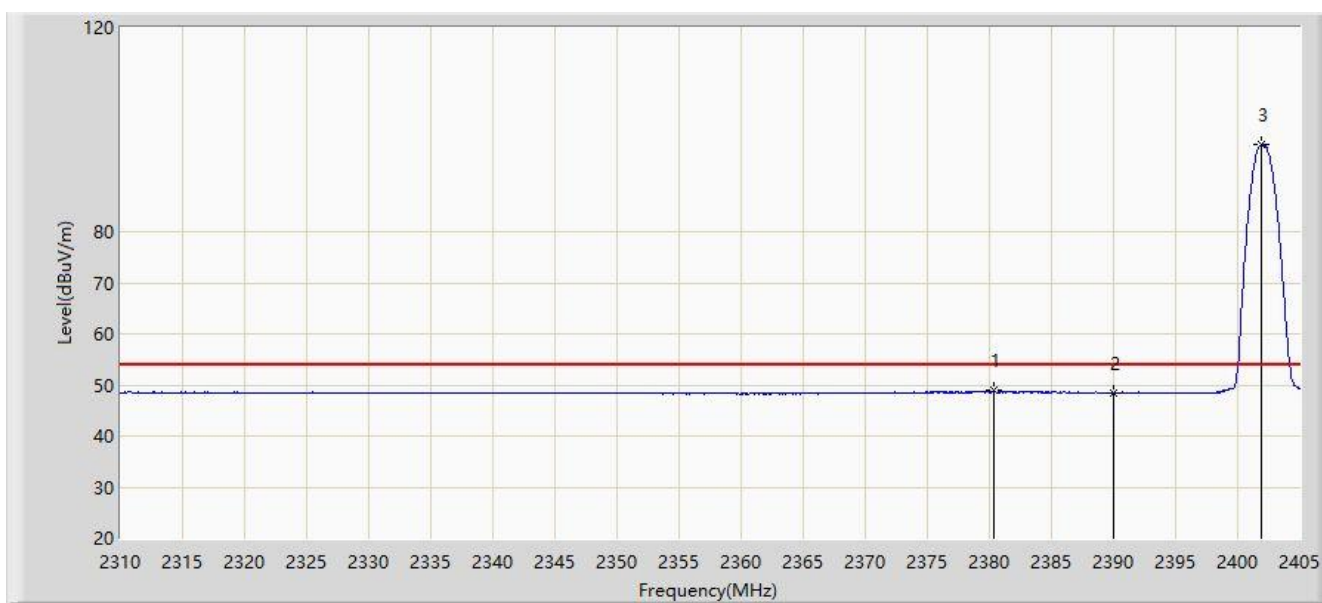


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2364.577	60.539	27.863	-13.461	74.000	32.676	PK
2			2390.000	58.988	26.327	-15.012	74.000	32.660	PK
3		*	2402.103	98.048	65.480	N/A	N/A	32.568	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

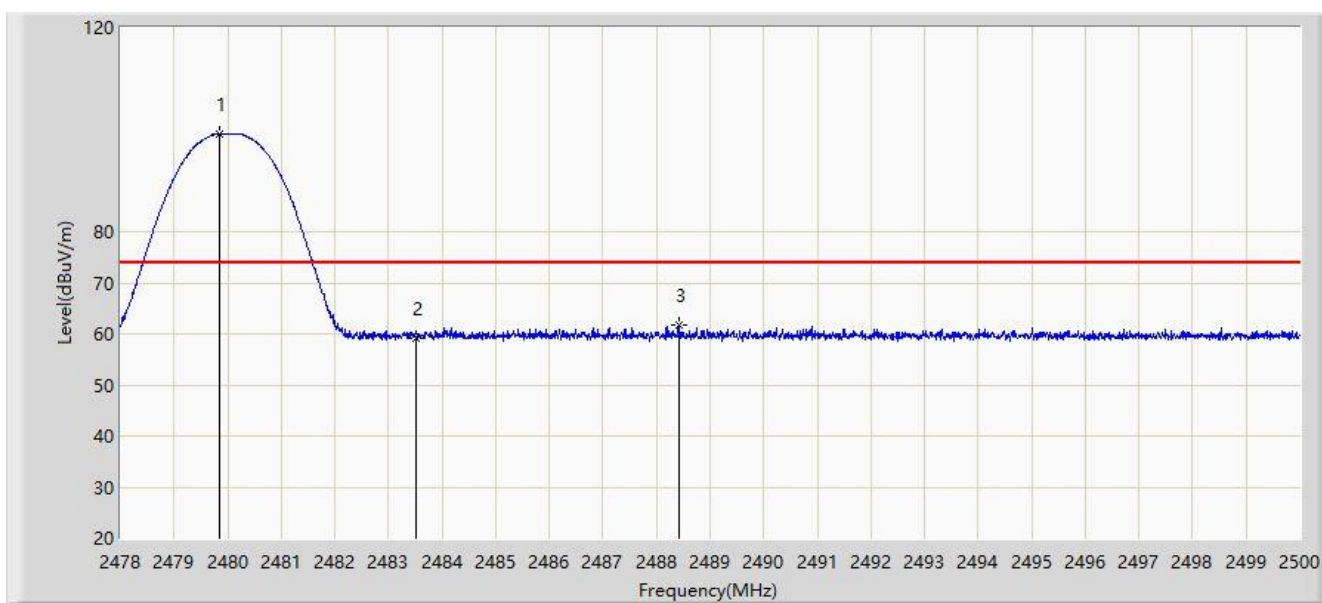


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.300	48.848	15.987	-5.152	54.000	32.861	AV
2			2390.000	48.497	15.836	-5.503	54.000	32.660	AV
3		*	2401.960	97.232	64.666	N/A	N/A	32.566	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

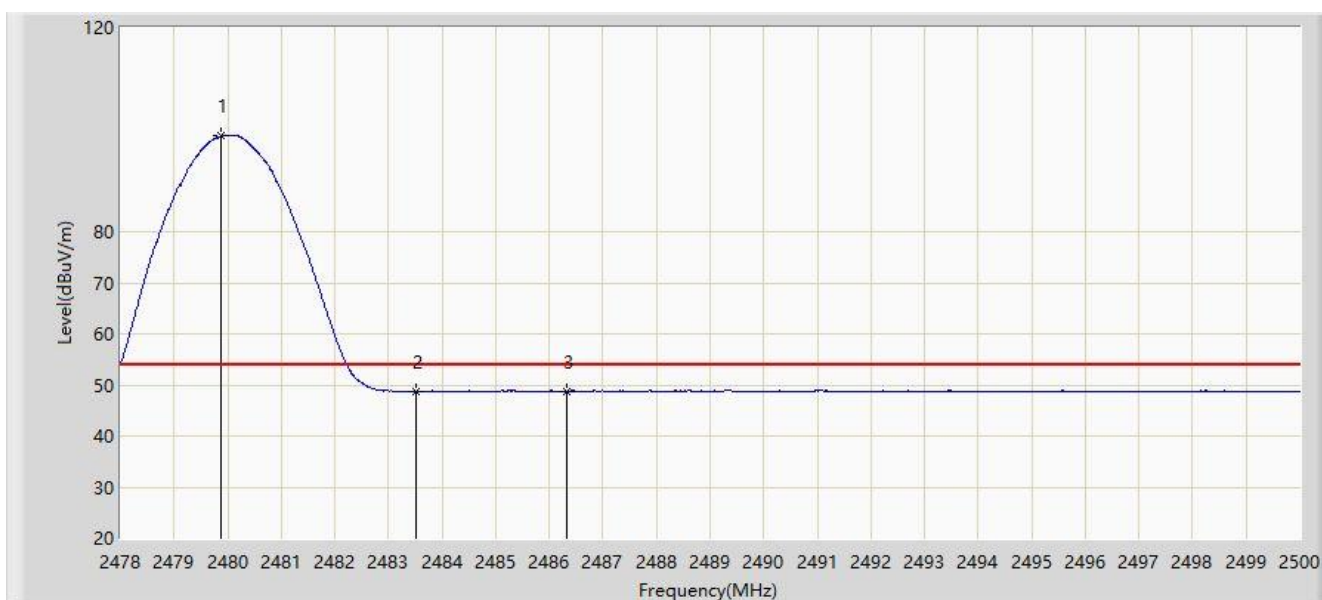


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	99.171	66.522	N/A	N/A	32.649	PK
2			2483.500	59.164	26.463	-14.836	74.000	32.701	PK
3			2488.417	61.635	28.884	-12.365	74.000	32.751	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

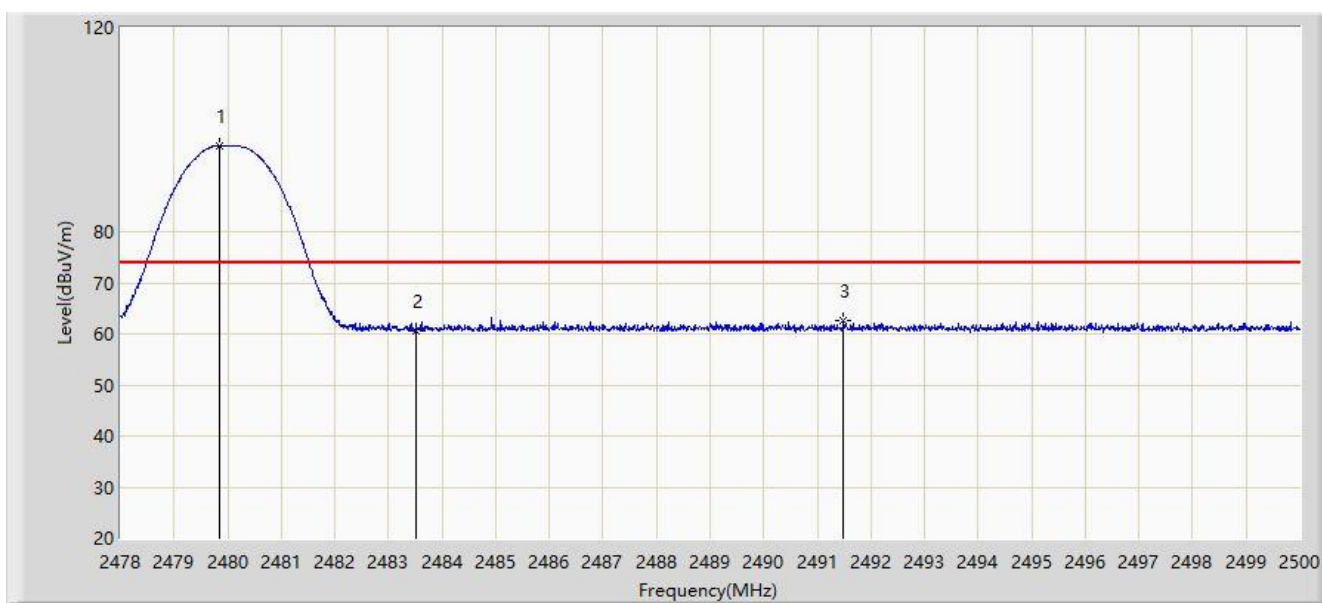


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	98.750	66.100	N/A	N/A	32.650	AV
2			2483.500	48.783	16.082	-5.217	54.000	32.701	AV
3			2486.338	48.792	16.052	-5.208	54.000	32.740	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

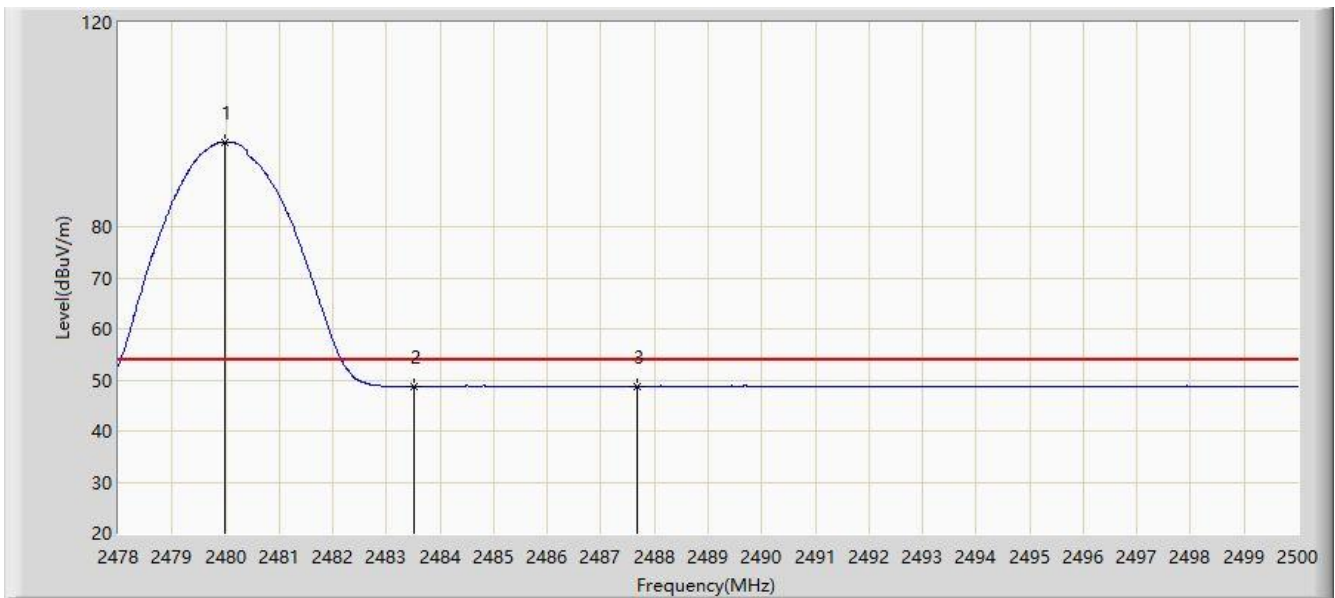


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.837	96.837	64.188	N/A	N/A	32.649	PK
2			2483.500	60.633	27.932	-13.367	74.000	32.701	PK
3			2491.486	62.531	29.805	-11.469	74.000	32.727	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

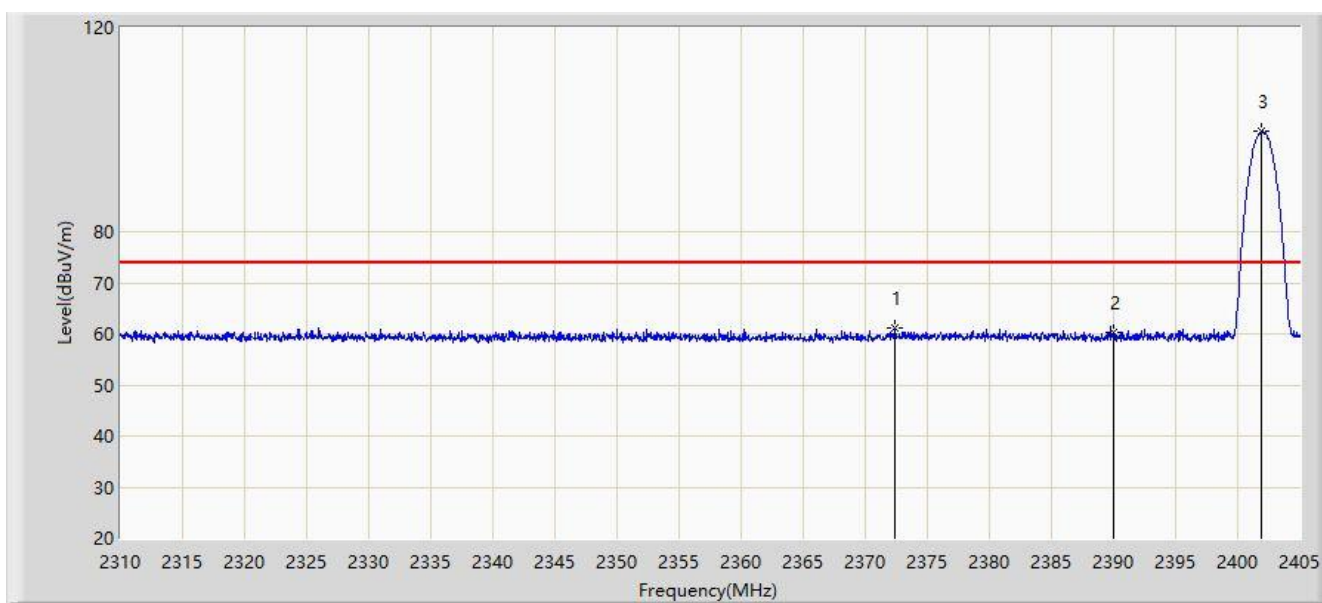


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.980	96.617	63.966	N/A	N/A	32.651	AV
2			2483.500	48.727	16.026	-5.273	54.000	32.701	AV
3			2487.669	48.795	16.038	-5.205	54.000	32.756	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

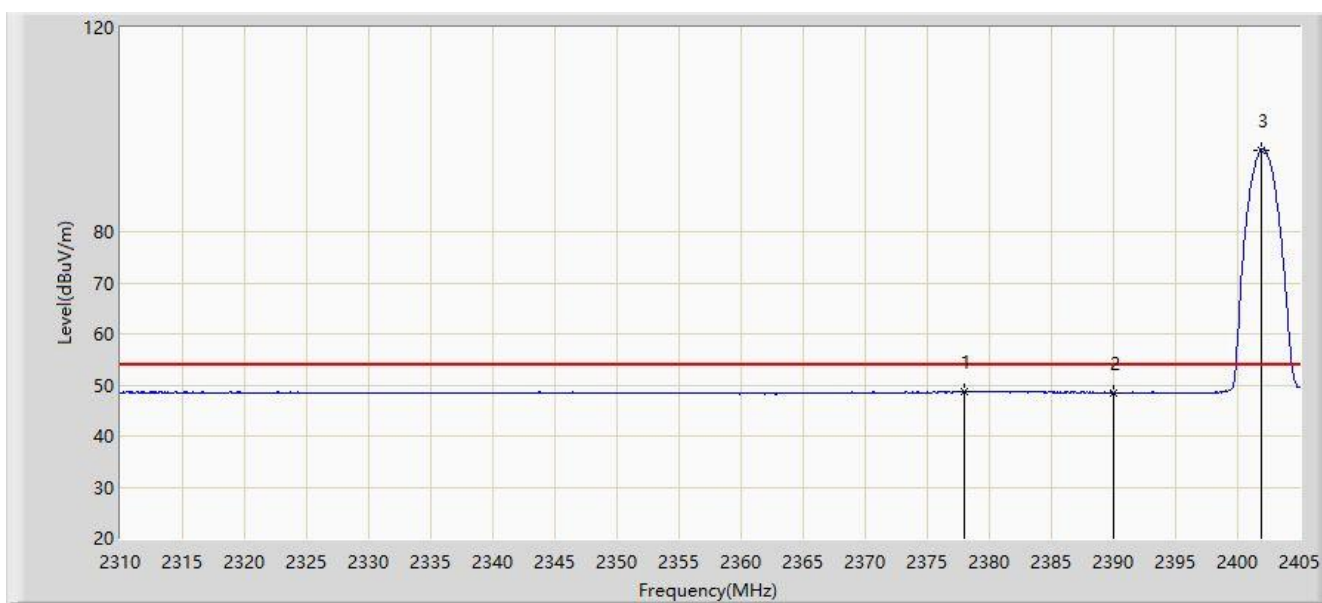


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2372.367	61.157	28.381	-12.843	74.000	32.776	PK
2			2390.000	60.187	27.526	-13.813	74.000	32.660	PK
3		*	2401.913	99.637	67.072	N/A	N/A	32.565	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

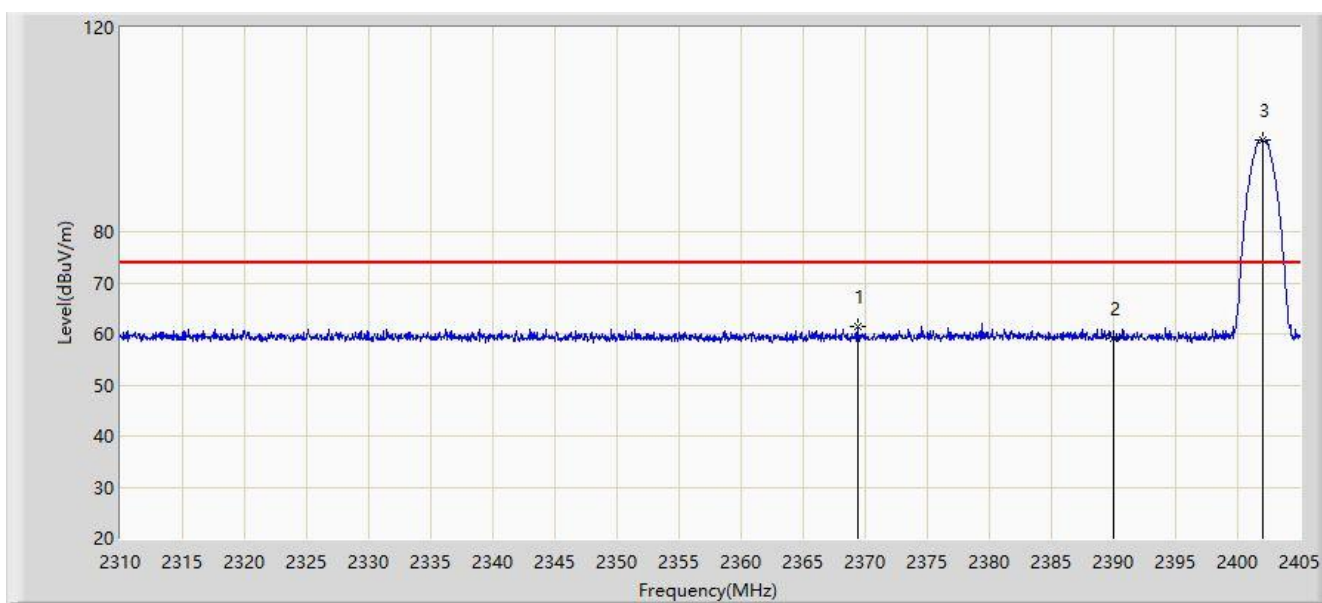


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.020	48.769	15.919	-5.231	54.000	32.849	AV
2			2390.000	48.487	15.826	-5.513	54.000	32.660	AV
3		*	2401.865	96.008	63.443	N/A	N/A	32.564	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

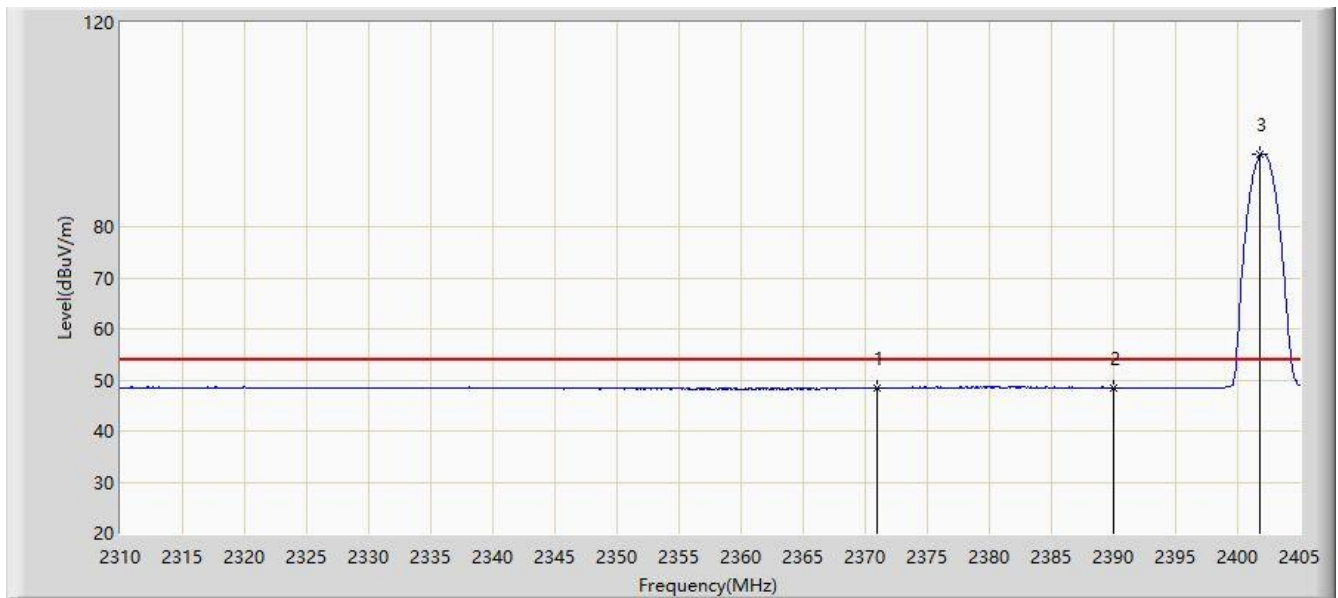


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.423	61.486	28.748	-12.514	74.000	32.739	PK
2			2390.000	59.230	26.569	-14.770	74.000	32.660	PK
3		*	2402.008	98.088	65.521	N/A	N/A	32.566	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

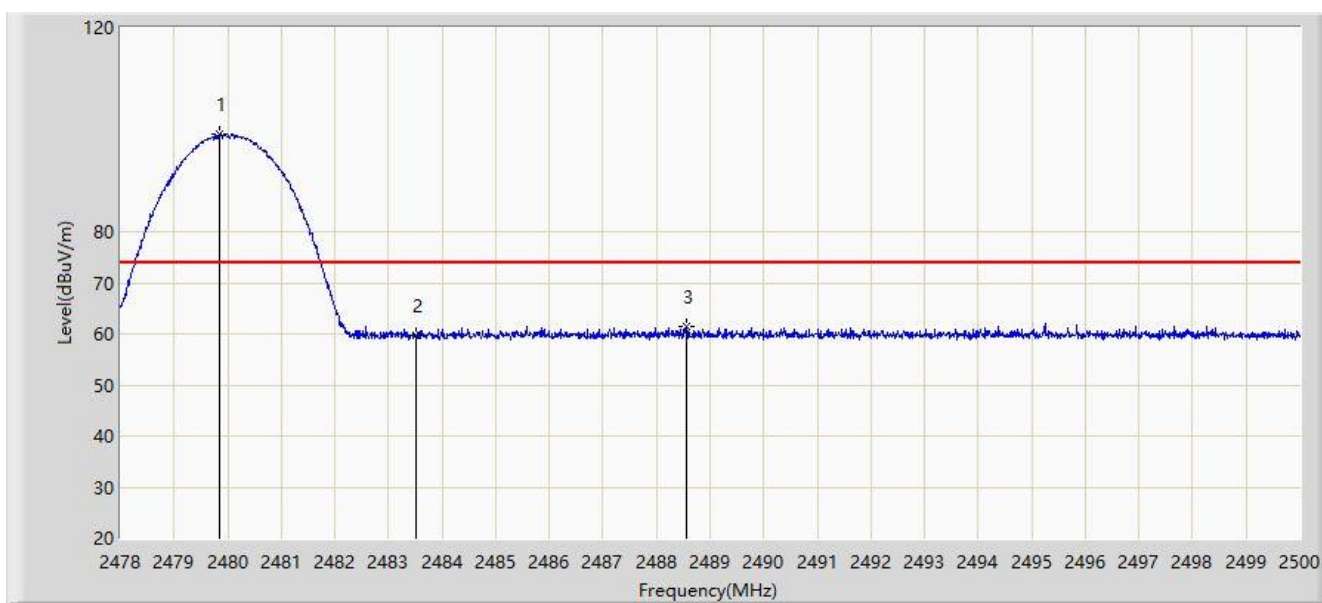


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.990	48.510	15.751	-5.490	54.000	32.759	AV
2			2390.000	48.423	15.762	-5.577	54.000	32.660	AV
3		*	2401.817	94.079	61.515	N/A	N/A	32.564	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

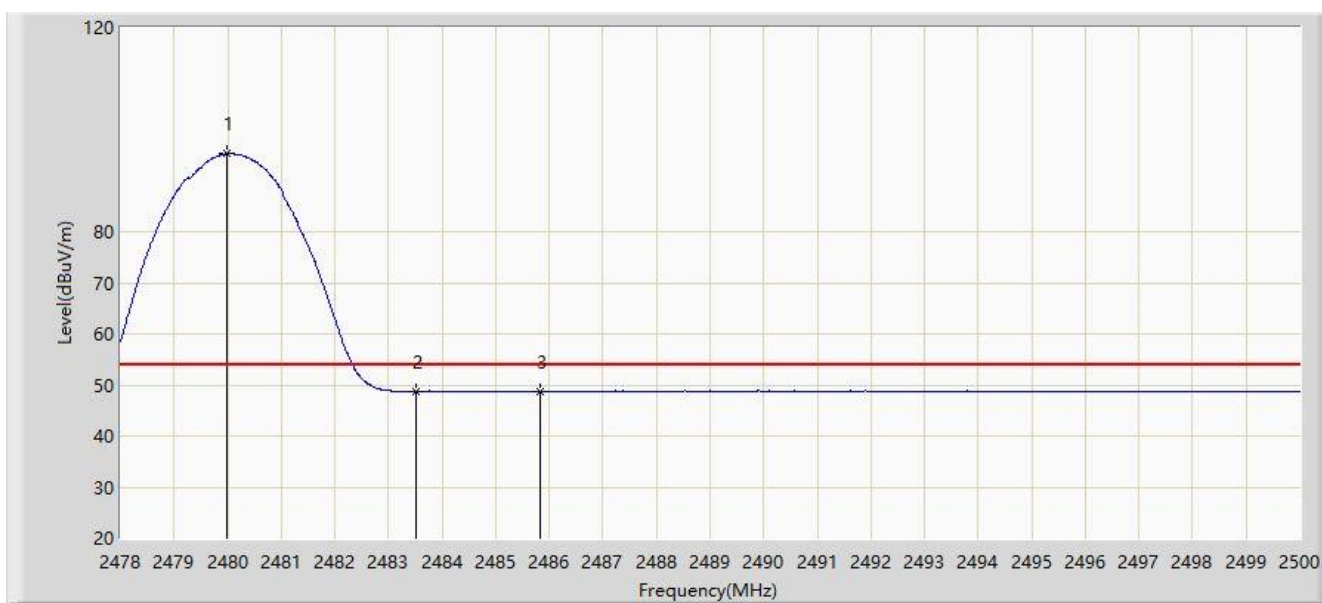


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.848	99.179	66.529	N/A	N/A	32.649	PK
2			2483.500	59.798	27.097	-14.202	74.000	32.701	PK
3			2488.549	61.508	28.758	-12.492	74.000	32.749	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

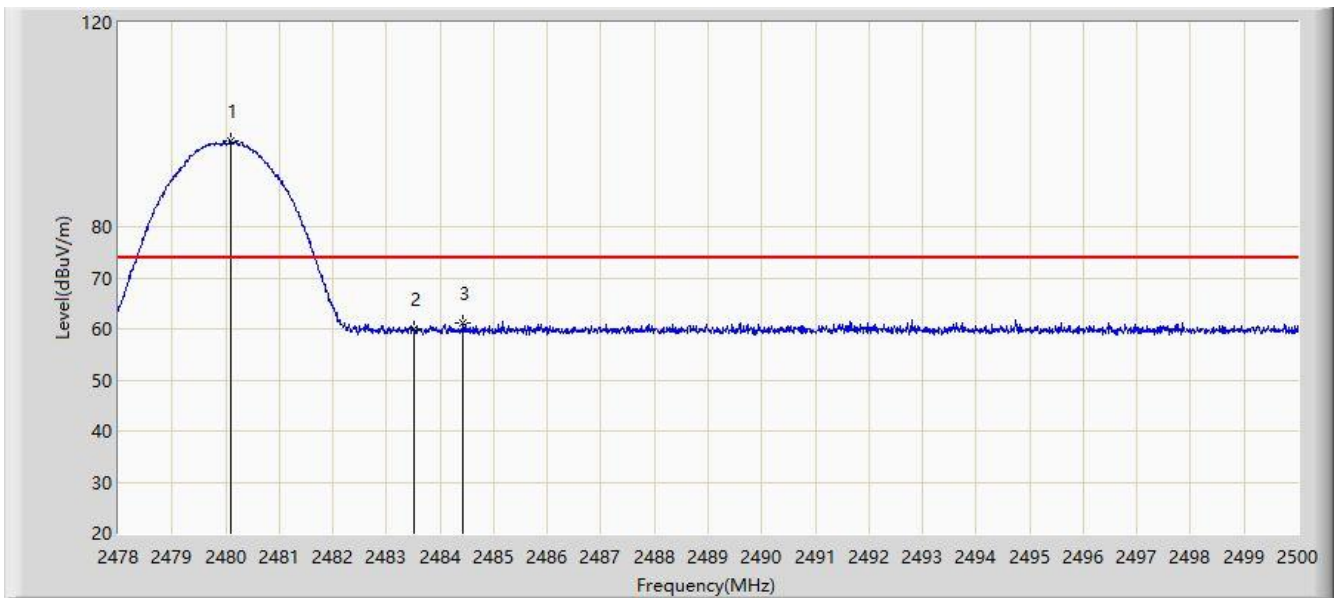


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.991	95.257	62.605	N/A	N/A	32.652	AV
2			2483.500	48.683	15.982	-5.317	54.000	32.701	AV
3			2485.821	48.761	16.028	-5.239	54.000	32.733	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

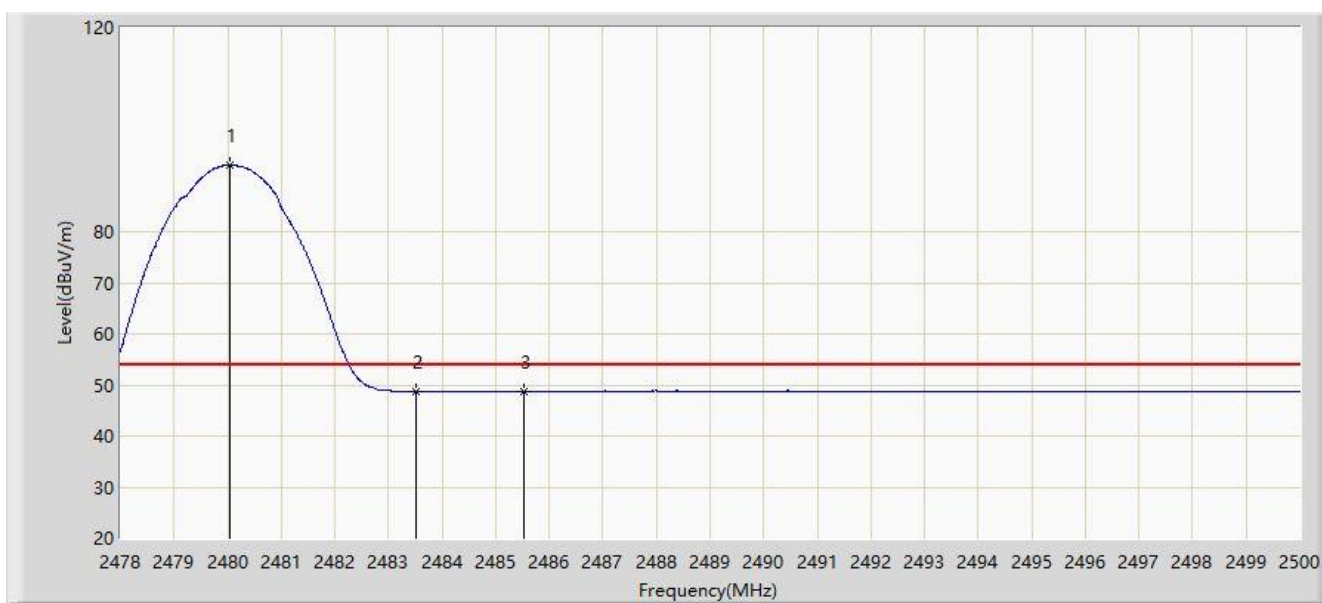


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.101	96.885	64.232	N/A	N/A	32.653	PK
2			2483.500	59.923	27.222	-14.077	74.000	32.701	PK
3			2484.435	61.031	28.317	-12.969	74.000	32.714	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

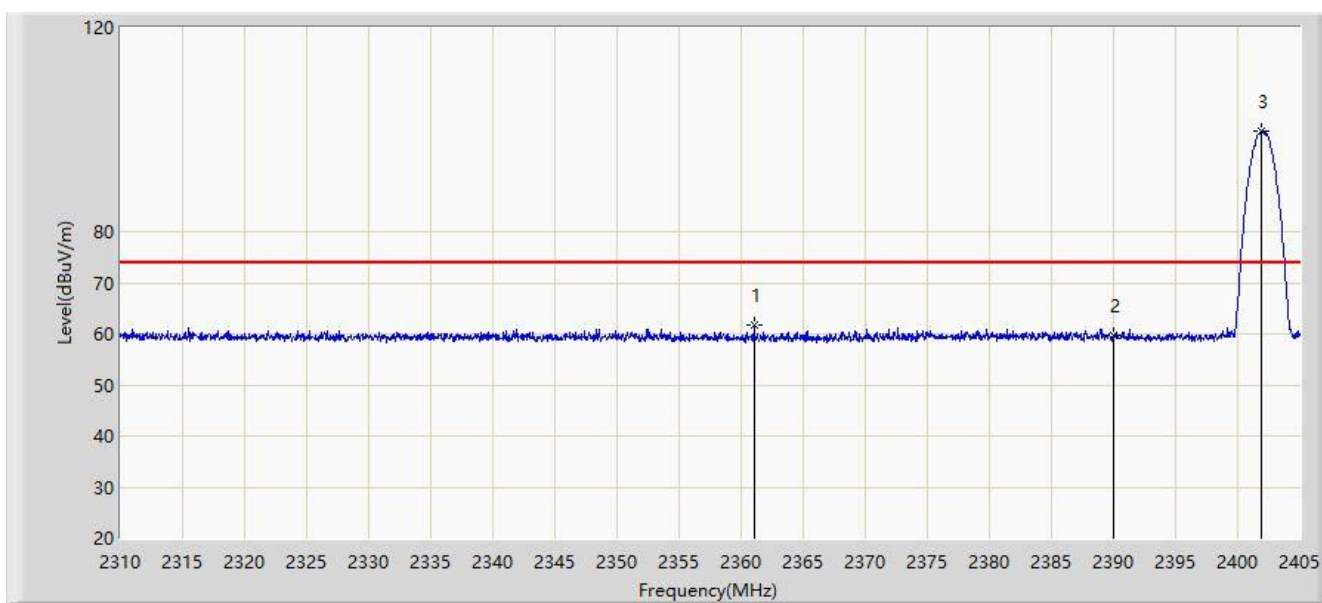


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.035	93.087	60.435	N/A	N/A	32.652	AV
2			2483.500	48.714	16.013	-5.286	54.000	32.701	AV
3			2485.535	48.777	16.048	-5.223	54.000	32.728	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

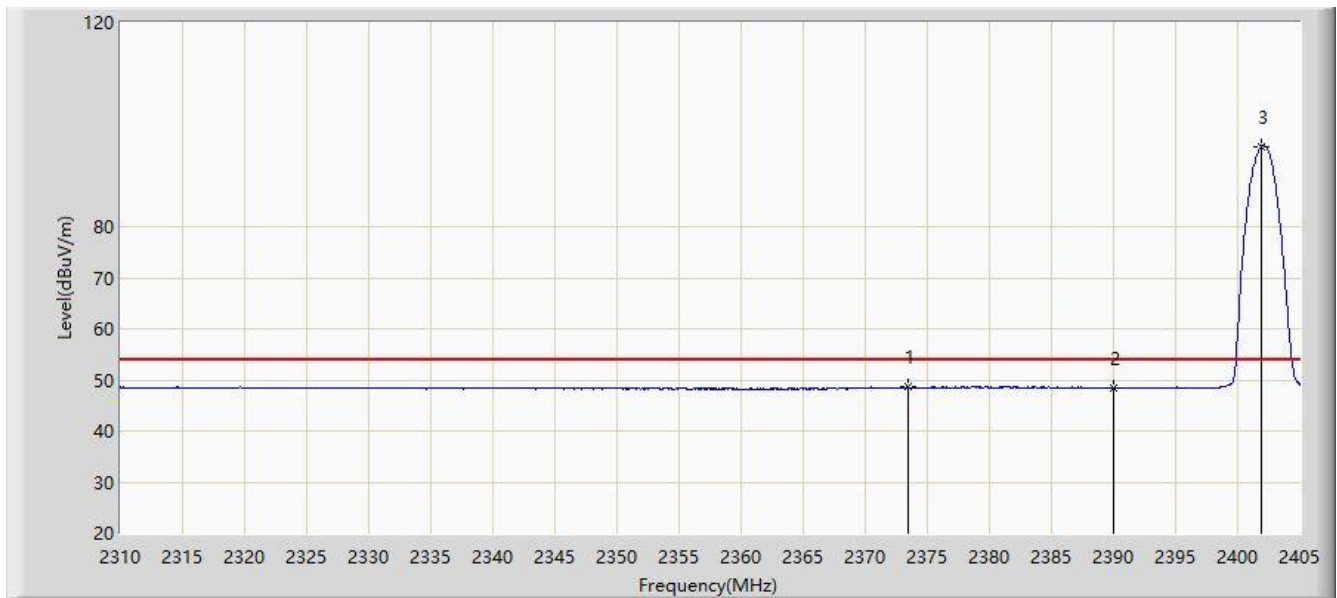


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2361.015	61.639	28.993	-12.361	74.000	32.646	PK
2			2390.000	59.810	27.149	-14.190	74.000	32.660	PK
3		*	2401.960	99.719	67.153	N/A	N/A	32.566	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

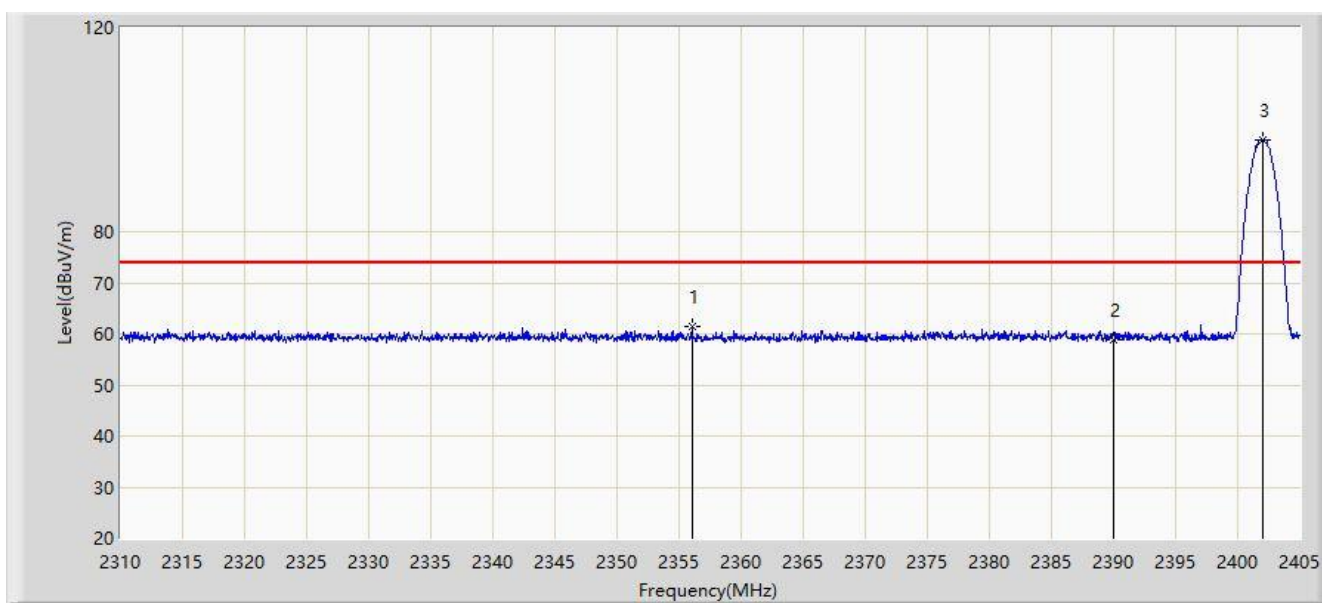


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.413	48.774	15.984	-5.226	54.000	32.789	AV
2			2390.000	48.372	15.711	-5.628	54.000	32.660	AV
3		*	2401.865	95.658	63.093	N/A	N/A	32.564	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

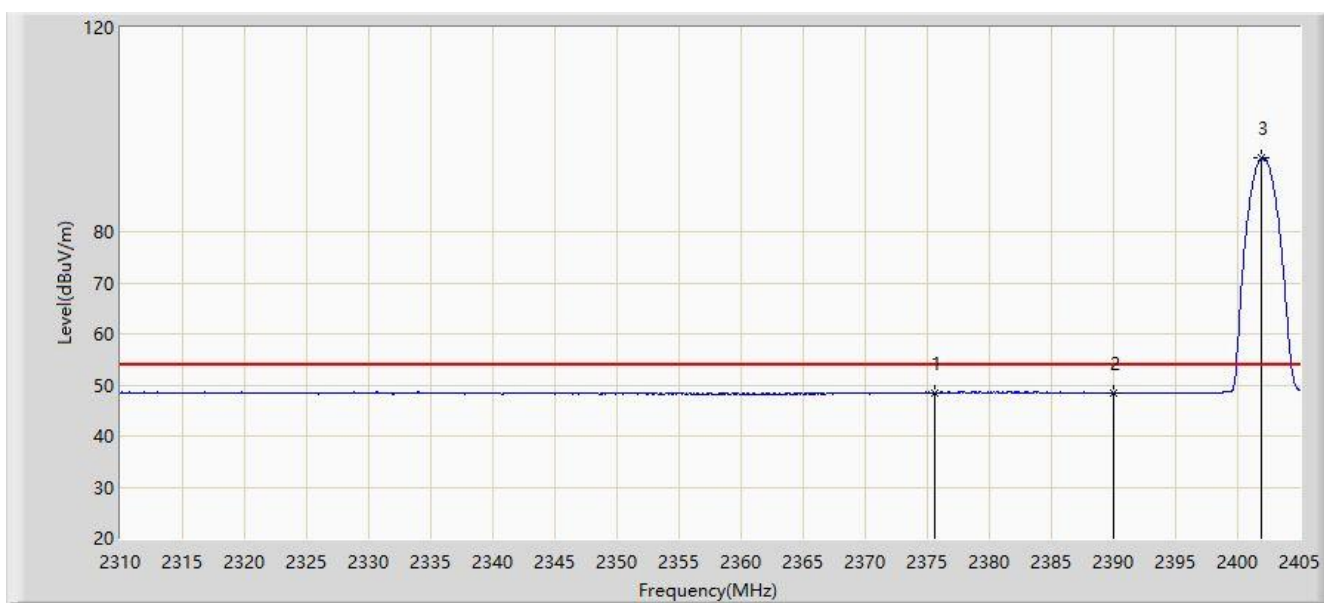


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2356.028	61.489	28.806	-12.511	74.000	32.684	PK
2			2390.000	58.893	26.232	-15.107	74.000	32.660	PK
3		*	2402.055	98.079	65.512	N/A	N/A	32.567	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

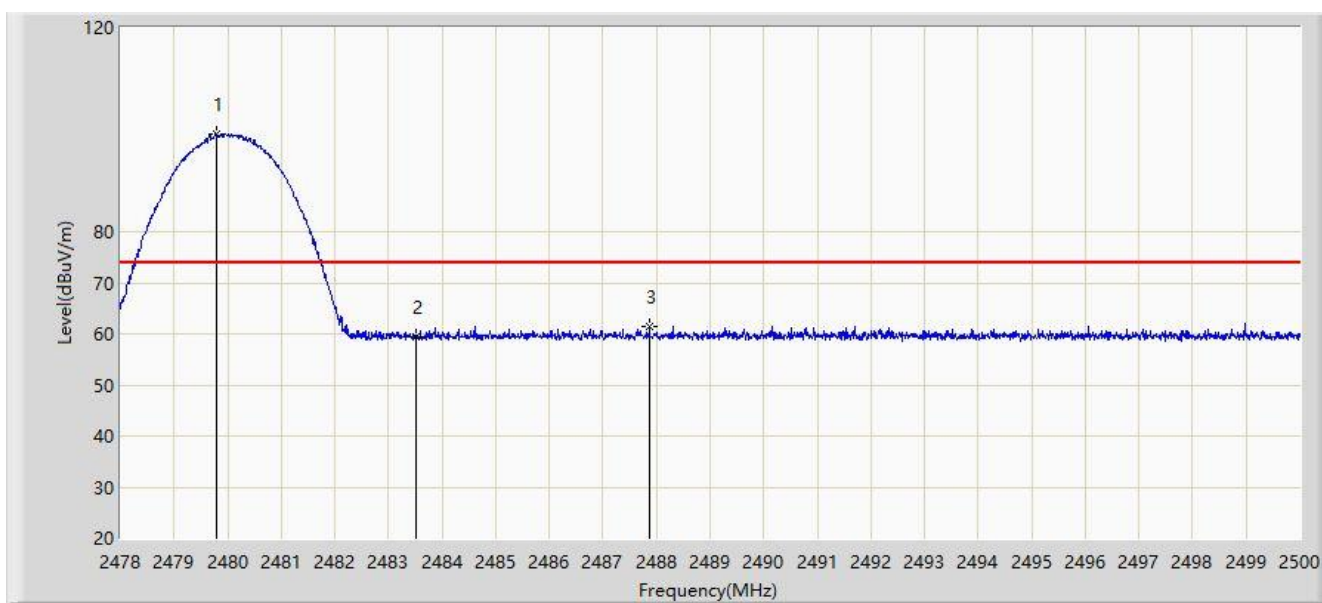


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.550	48.445	15.628	-5.555	54.000	32.817	AV
2			2390.000	48.431	15.770	-5.569	54.000	32.660	AV
3		*	2401.960	94.391	61.825	N/A	N/A	32.566	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

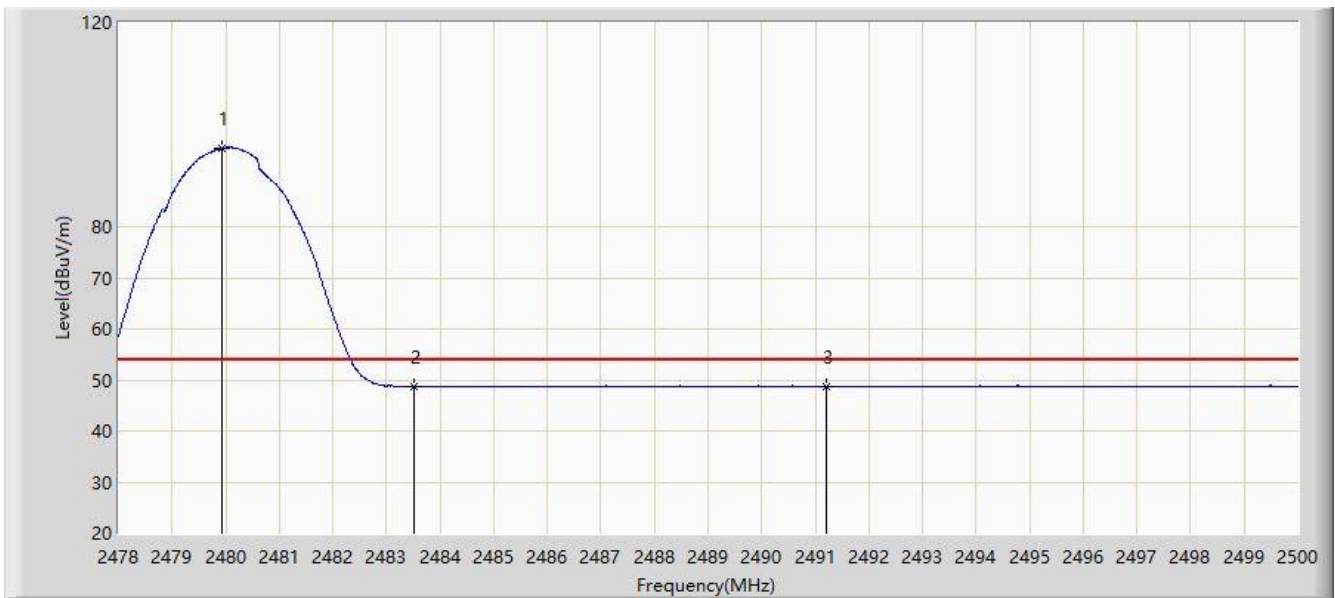


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.782	99.134	66.485	N/A	N/A	32.648	PK
2			2483.500	59.317	26.616	-14.683	74.000	32.701	PK
3			2487.867	61.539	28.784	-12.461	74.000	32.755	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

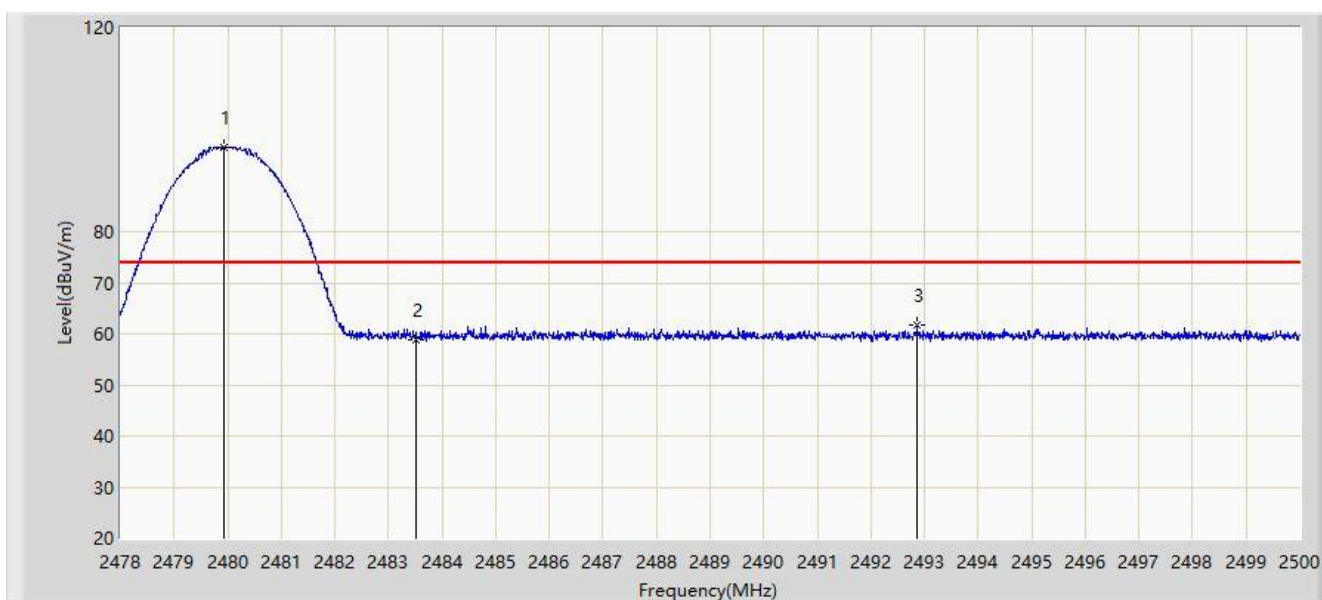


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	95.362	62.711	N/A	N/A	32.651	AV
2			2483.500	48.696	15.995	-5.304	54.000	32.701	AV
3			2491.200	48.753	16.025	-5.247	54.000	32.729	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

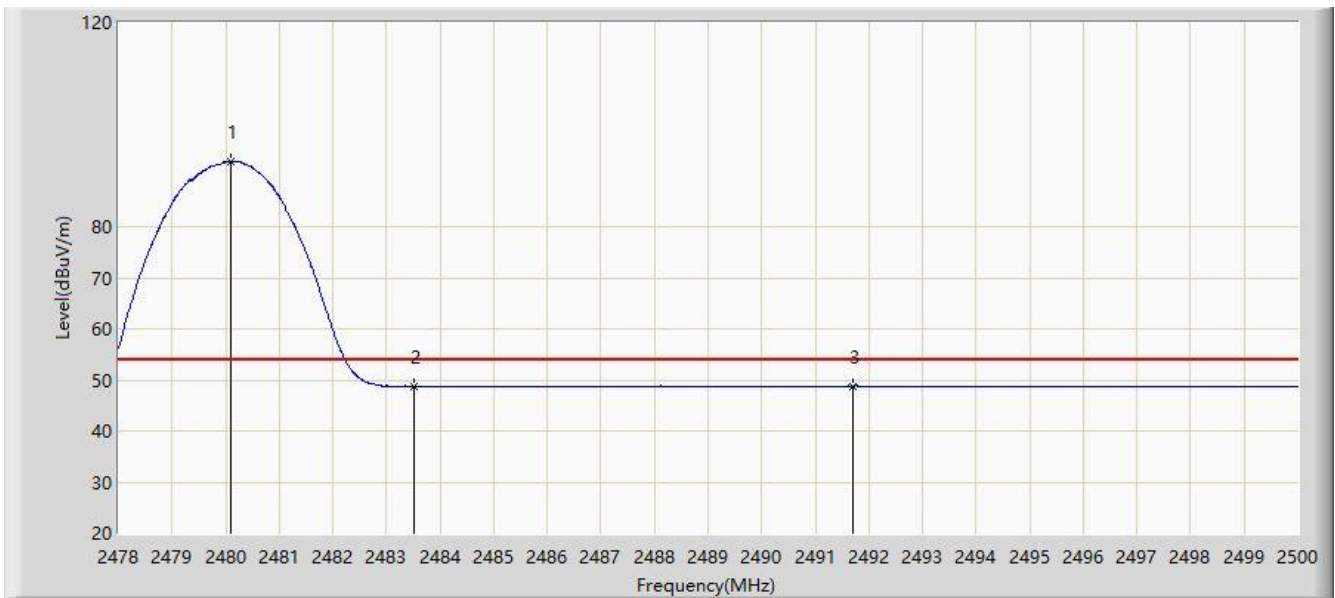


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.936	96.653	64.002	N/A	N/A	32.651	PK
2			2483.500	58.964	26.263	-15.036	74.000	32.701	PK
3			2492.861	61.804	29.089	-12.196	74.000	32.715	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 13:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	



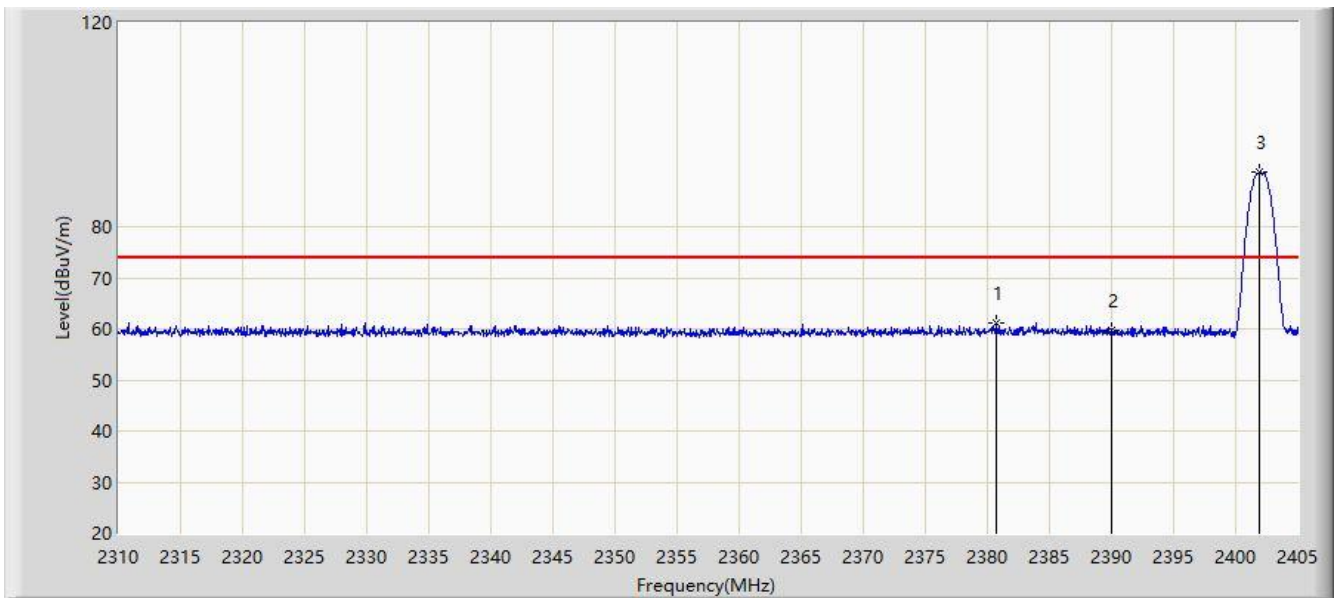
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.101	92.826	60.173	N/A	N/A	32.653	AV
2			2483.500	48.654	15.953	-5.346	54.000	32.701	AV
3			2491.706	48.836	16.112	-5.164	54.000	32.724	AV

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

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

Product used with Dipole Antenna

Site: WZ-AC2	Time: 2020/11/20 - 10:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

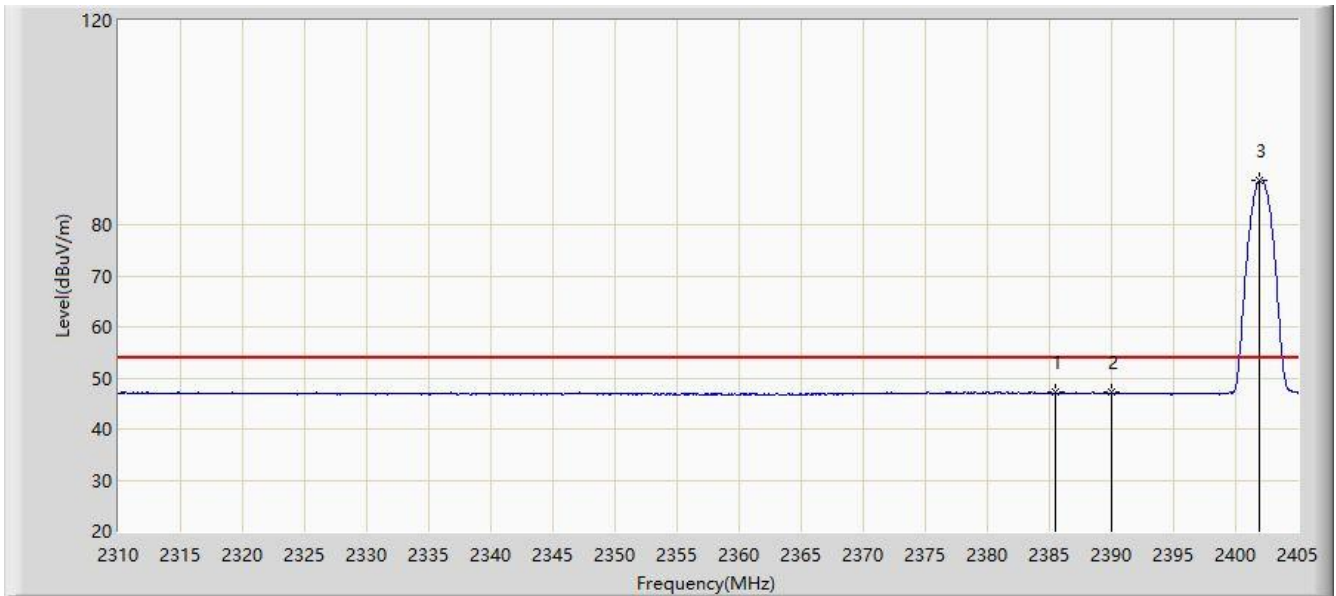


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.728	61.229	28.377	-12.771	74.000	32.852	PK
2			2390.000	59.735	27.074	-14.265	74.000	32.660	PK
3		*	2401.865	90.655	58.090	N/A	N/A	32.564	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

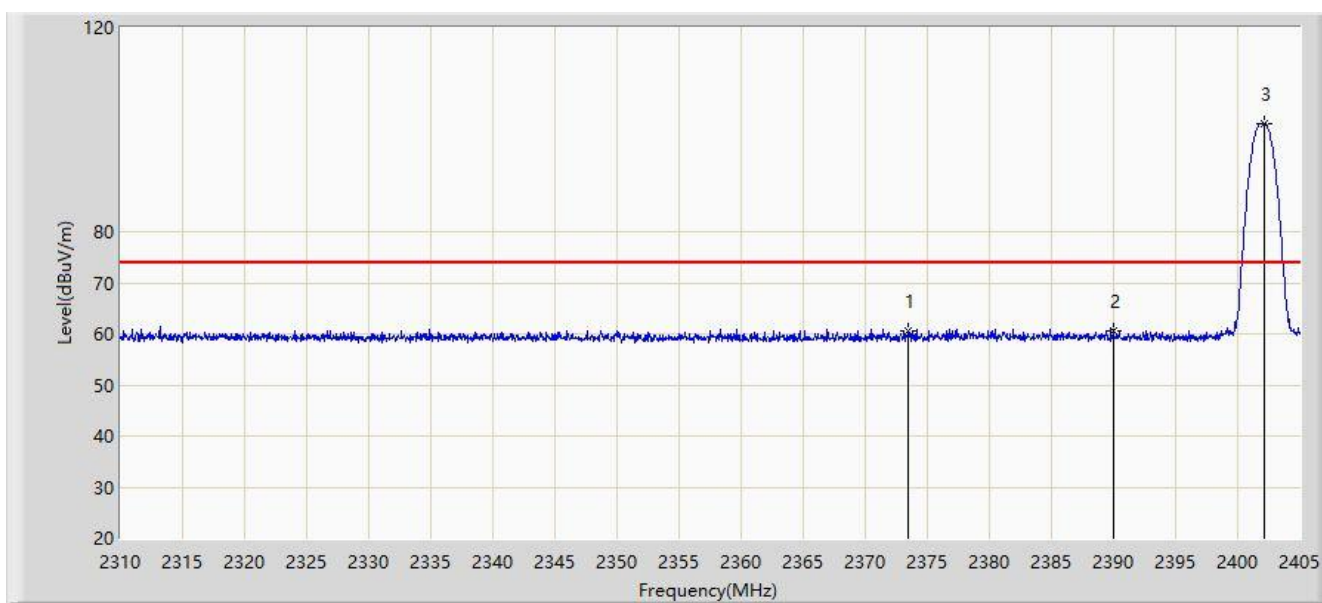


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.525	47.193	14.440	-6.807	54.000	32.753	AV
2			2390.000	47.159	14.498	-6.841	54.000	32.660	AV
3		*	2401.960	88.811	56.245	N/A	N/A	32.566	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

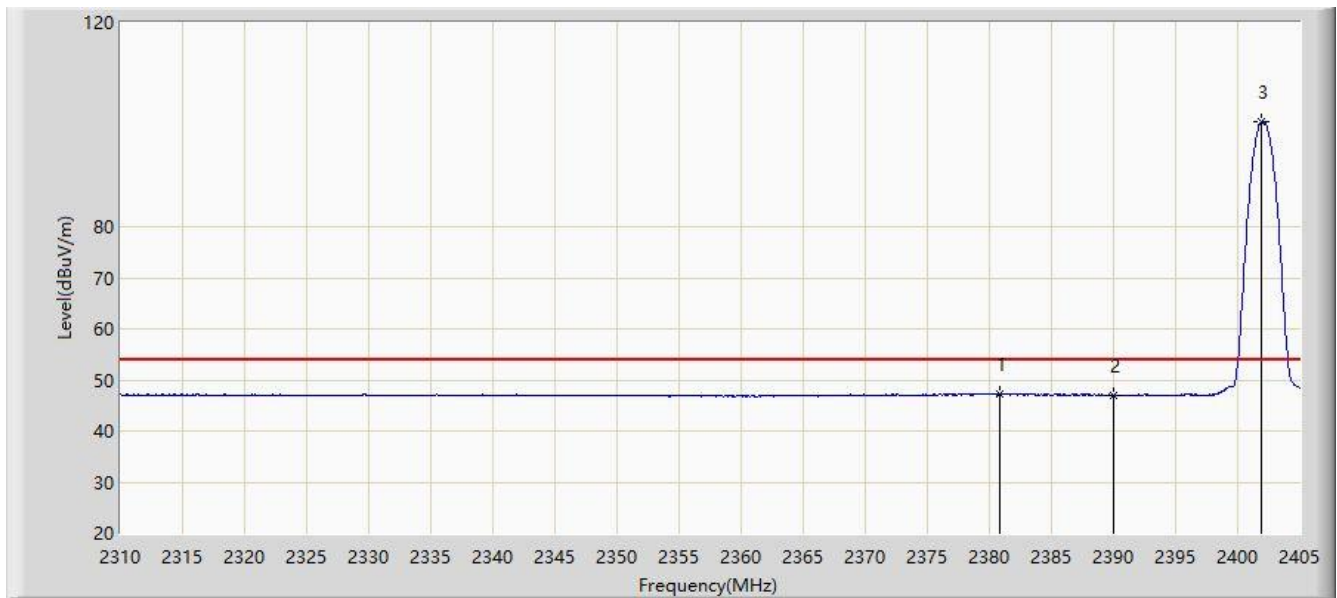


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.508	60.701	27.910	-13.299	74.000	32.791	PK
2			2390.000	60.652	27.991	-13.348	74.000	32.660	PK
3		*	2402.150	101.132	68.564	N/A	N/A	32.569	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2402MHz	

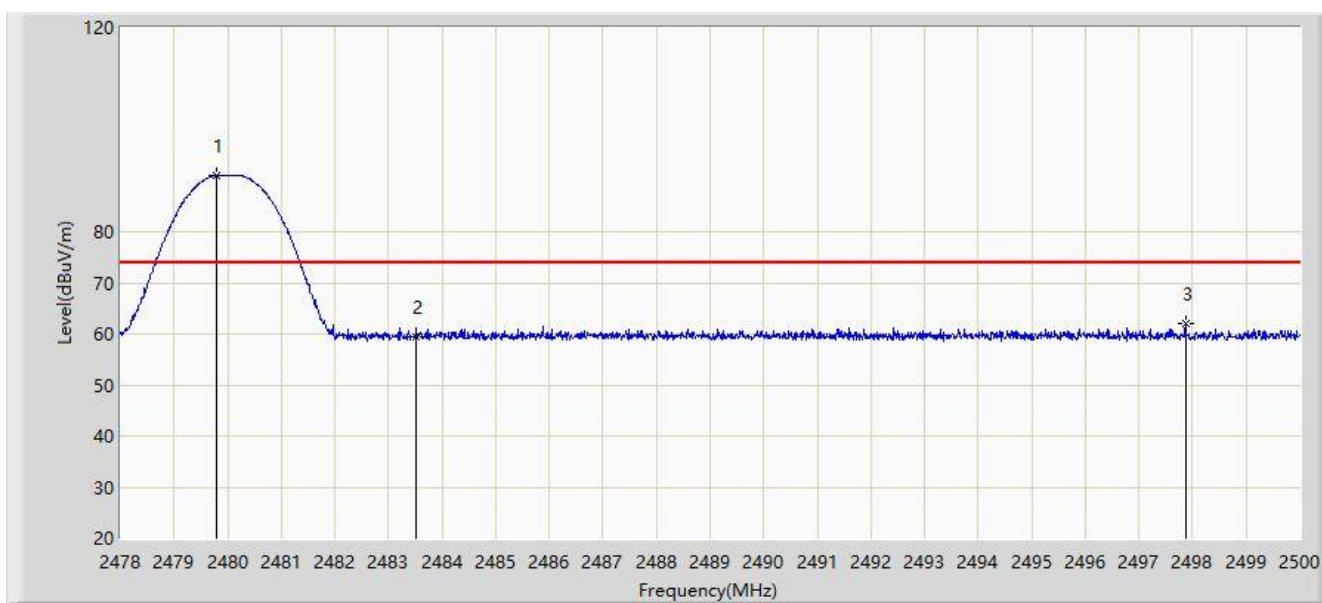


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.775	47.239	14.388	-6.761	54.000	32.851	AV
2			2390.000	47.052	14.391	-6.948	54.000	32.660	AV
3		*	2401.865	100.478	67.913	N/A	N/A	32.564	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

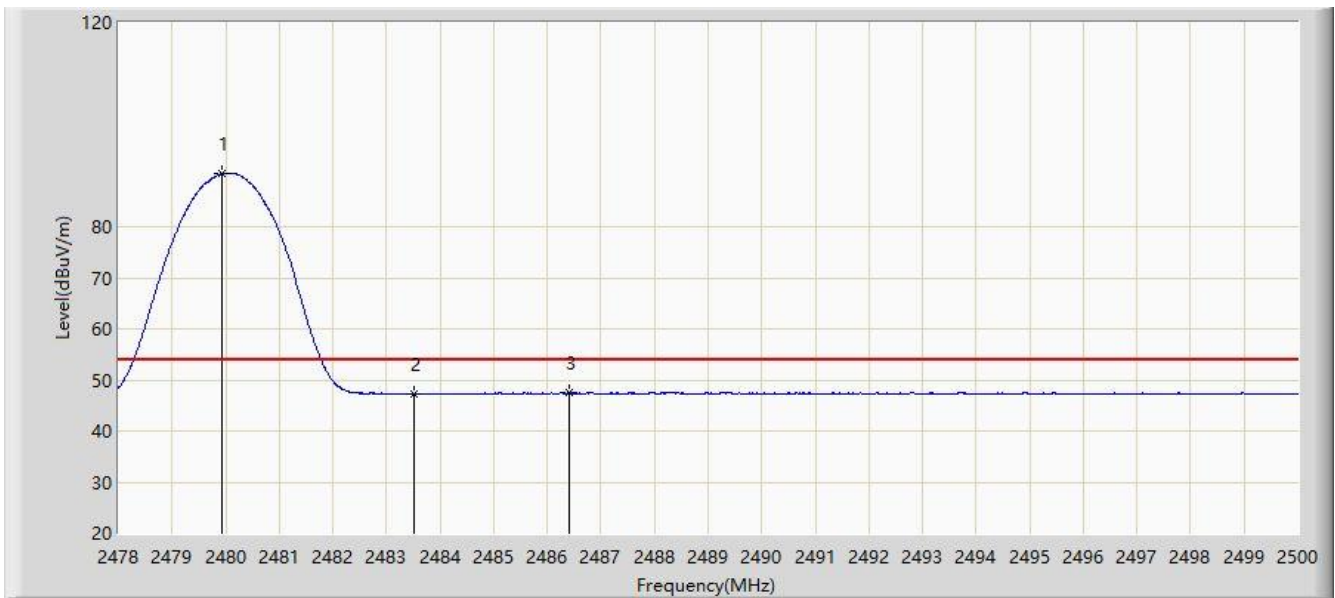


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.804	91.098	58.449	N/A	N/A	32.649	PK
2			2483.500	59.319	26.618	-14.681	74.000	32.701	PK
3			2497.866	62.114	29.435	-11.886	74.000	32.679	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

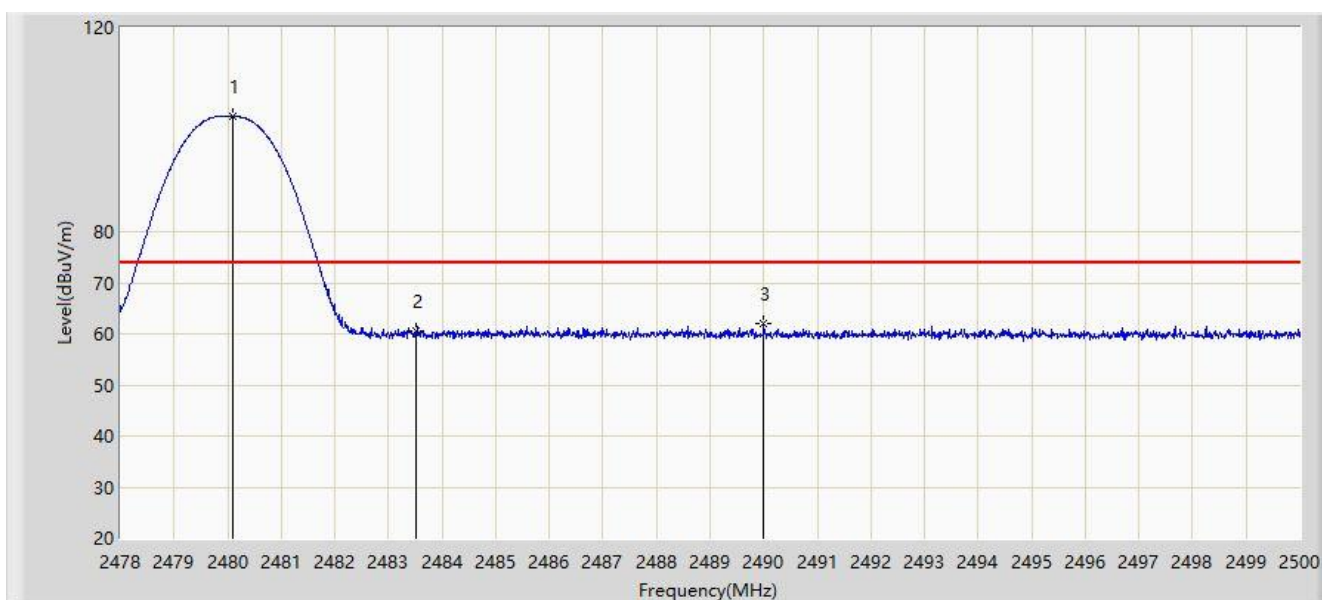


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.925	90.363	57.712	N/A	N/A	32.651	AV
2			2483.500	47.333	14.632	-6.667	54.000	32.701	AV
3			2486.415	47.542	14.801	-6.458	54.000	32.742	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

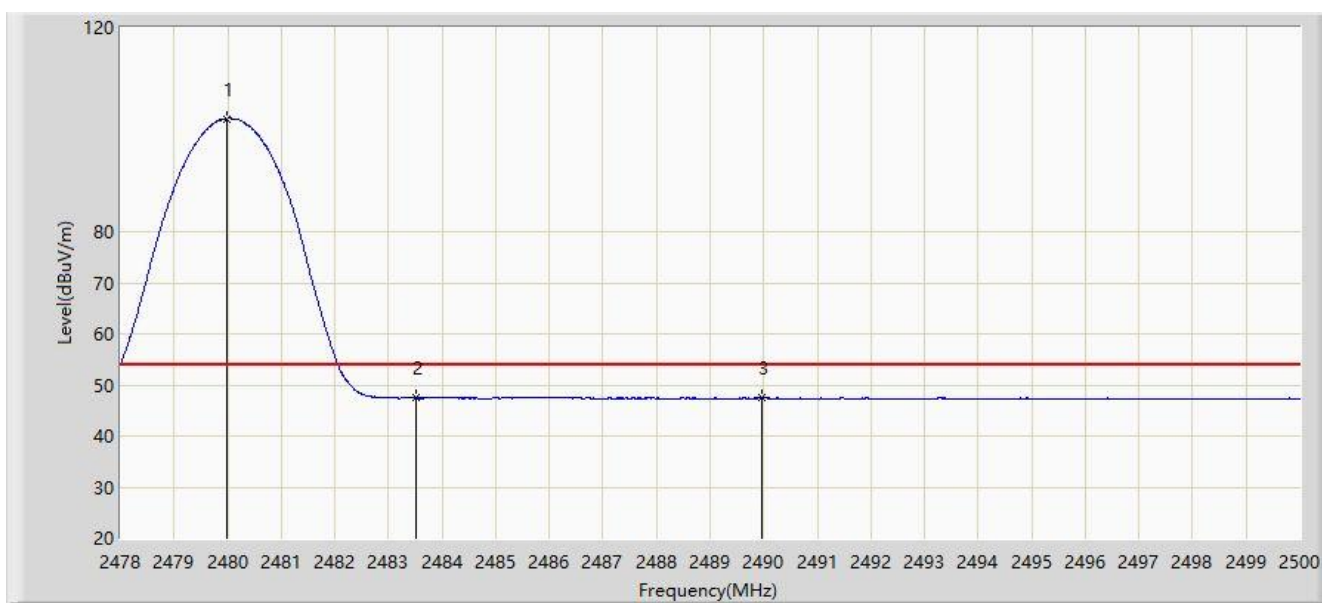


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.101	102.572	69.919	N/A	N/A	32.653	PK
2			2483.500	60.694	27.993	-13.306	74.000	32.701	PK
3			2490.001	62.006	29.268	-11.994	74.000	32.738	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at Channel 2480MHz	

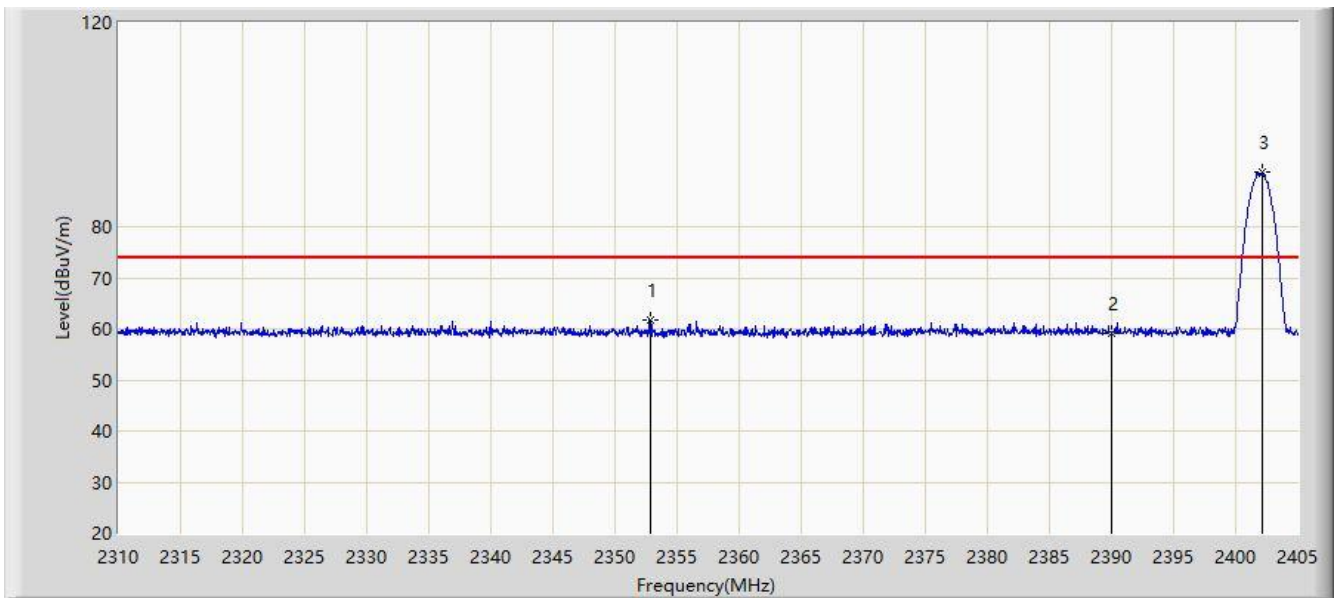


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.991	102.155	69.503	N/A	N/A	32.652	AV
2			2483.500	47.444	14.743	-6.556	54.000	32.701	AV
3			2489.968	47.572	14.834	-6.428	54.000	32.738	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 10:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

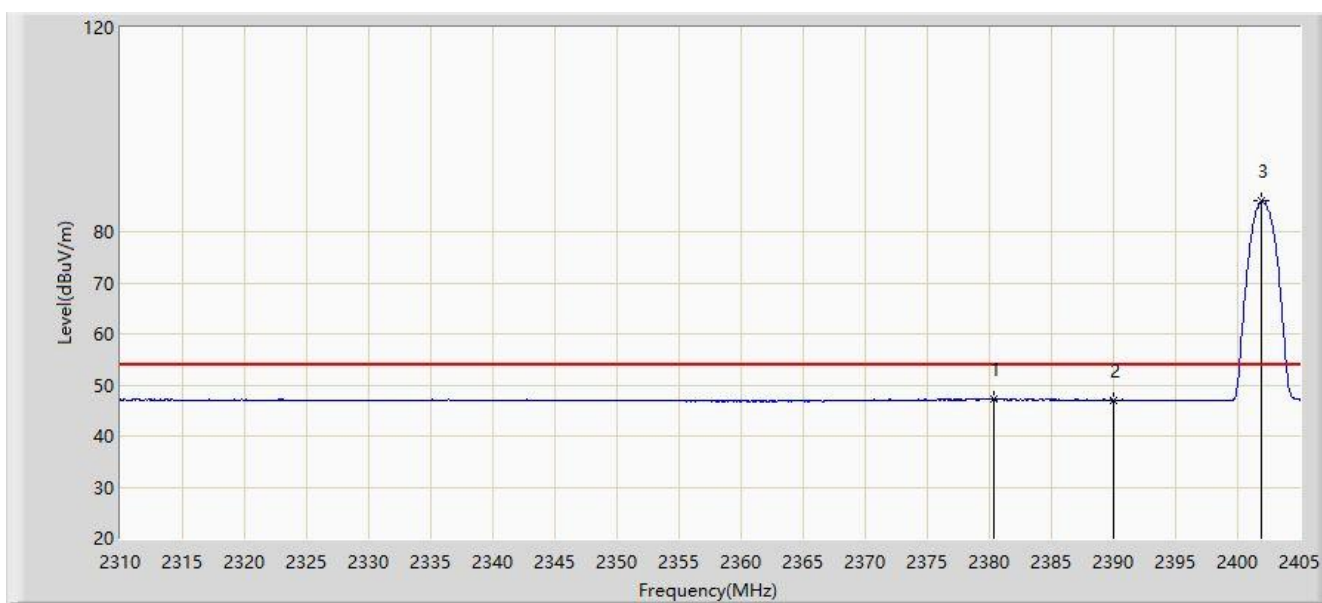


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.798	61.713	29.005	-12.287	74.000	32.708	PK
2			2390.000	59.238	26.577	-14.762	74.000	32.660	PK
3		*	2402.198	90.667	58.098	N/A	N/A	32.569	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

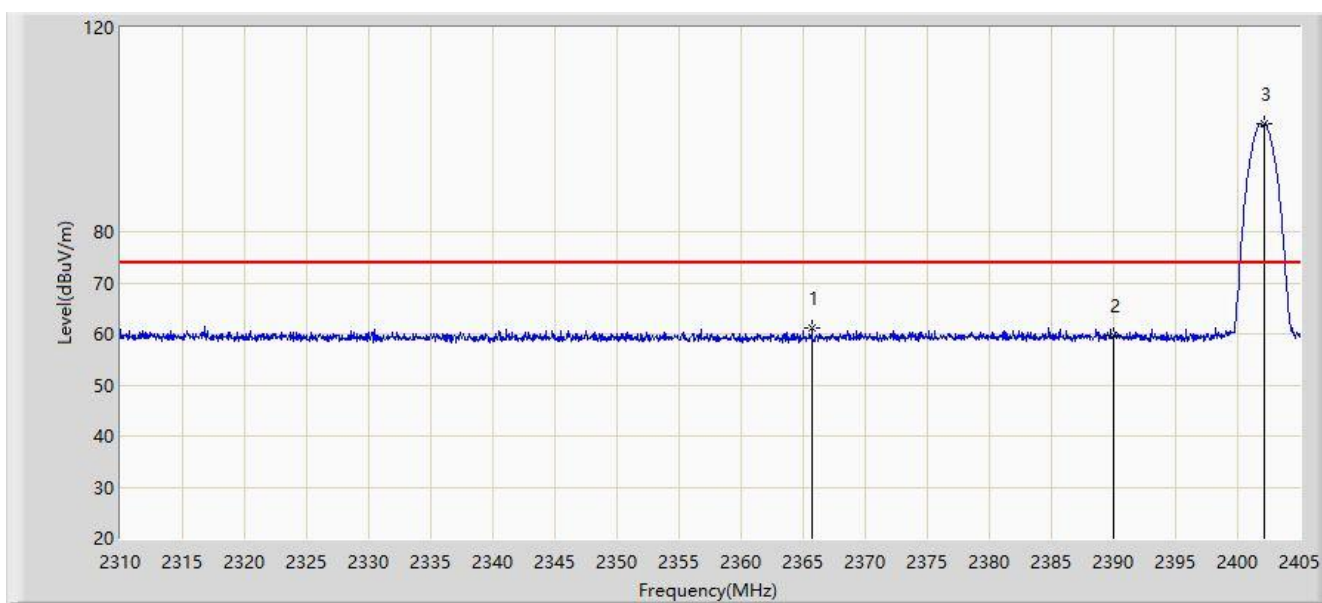


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.300	47.187	14.326	-6.813	54.000	32.861	AV
2			2390.000	46.959	14.298	-7.041	54.000	32.660	AV
3		*	2401.913	86.035	53.470	N/A	N/A	32.565	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

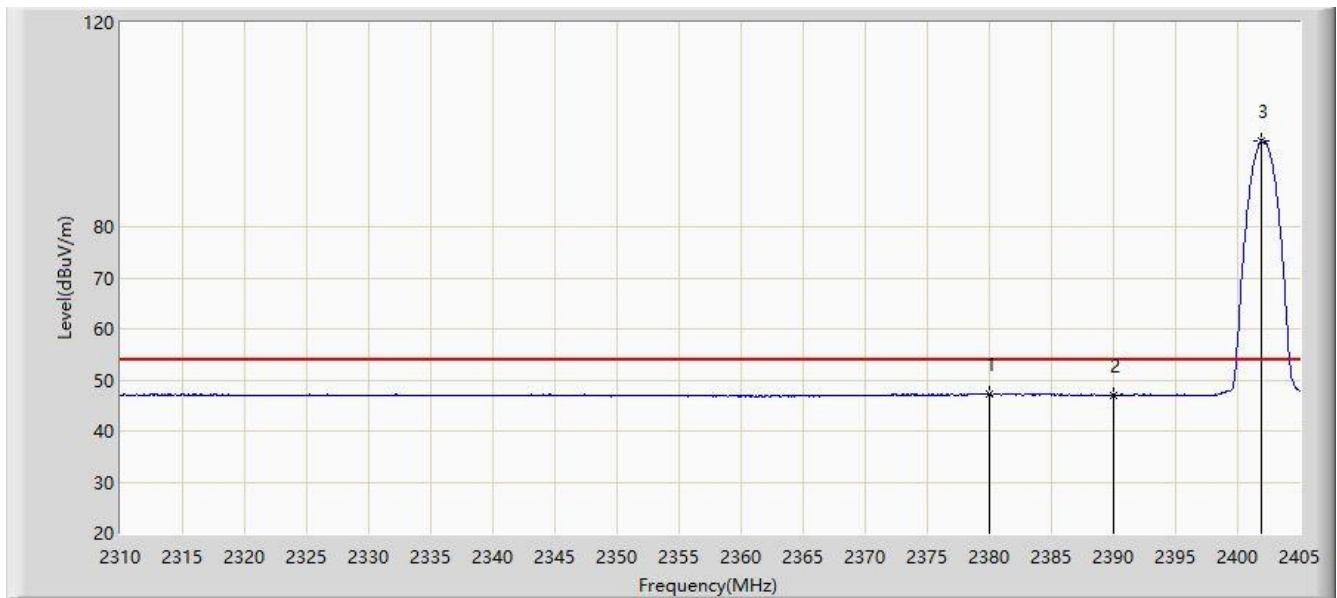


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2365.718	61.120	28.429	-12.880	74.000	32.690	PK
2			2390.000	59.648	26.987	-14.352	74.000	32.660	PK
3		*	2402.103	101.147	68.579	N/A	N/A	32.568	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2402MHz	

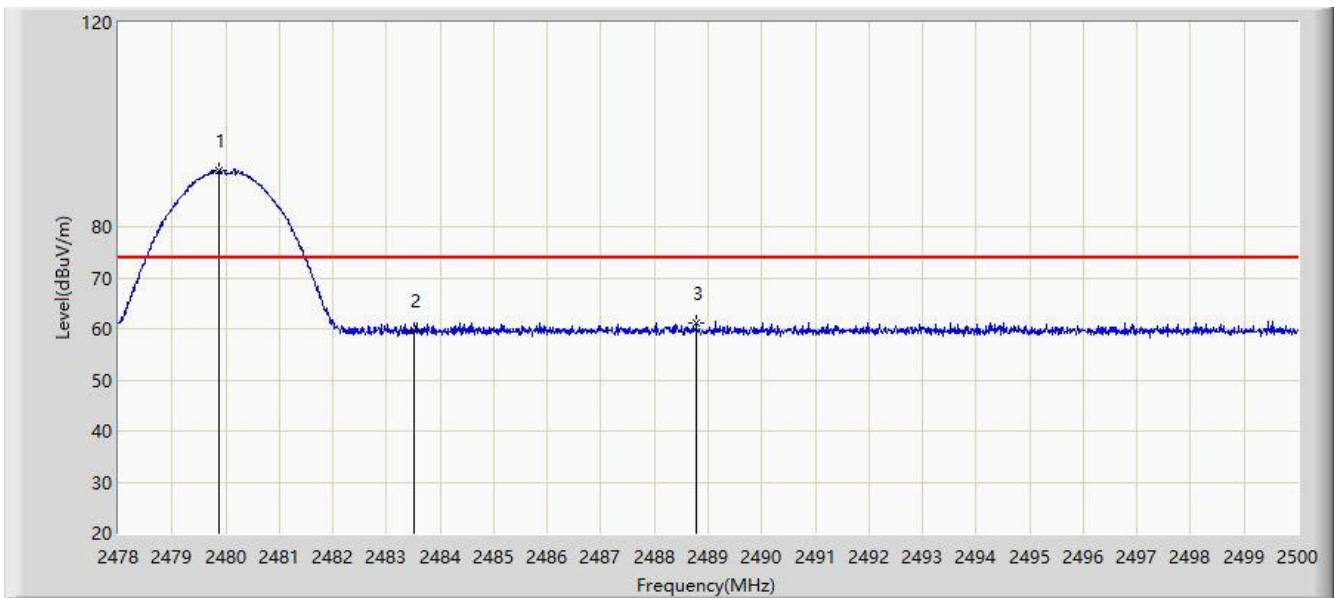


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.968	47.236	14.368	-6.764	54.000	32.868	AV
2			2390.000	47.076	14.415	-6.924	54.000	32.660	AV
3		*	2401.913	96.881	64.316	N/A	N/A	32.565	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

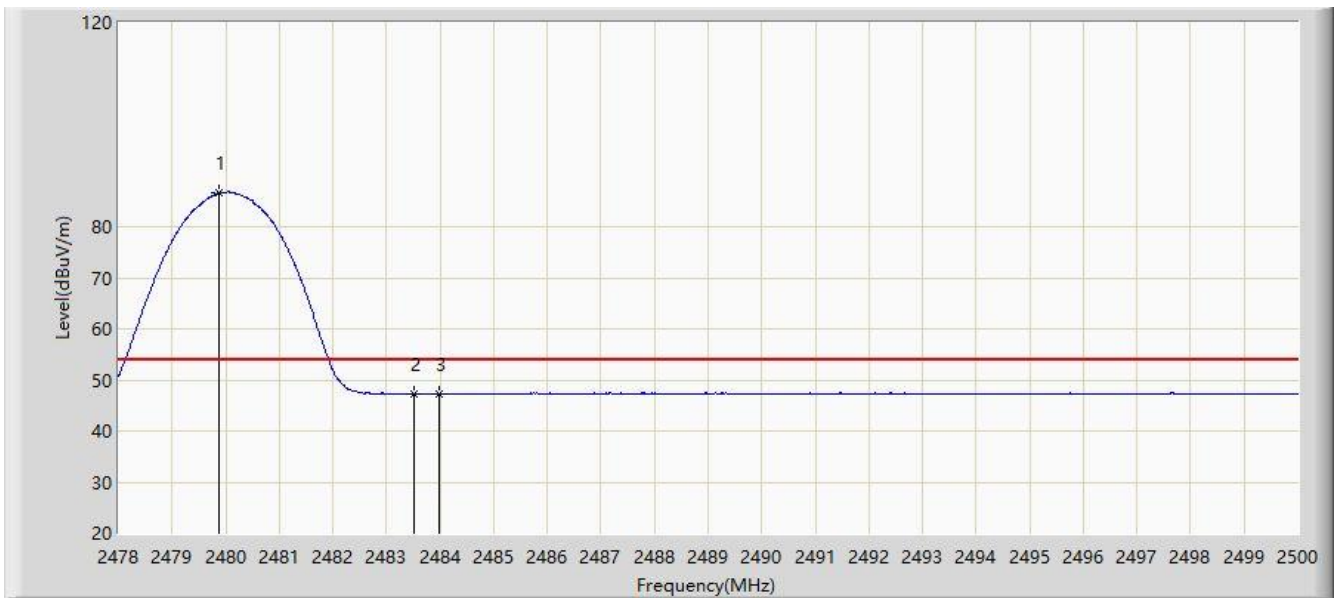


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	91.017	58.367	N/A	N/A	32.650	PK
2			2483.500	59.670	26.969	-14.330	74.000	32.701	PK
3			2488.780	61.155	28.407	-12.845	74.000	32.748	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

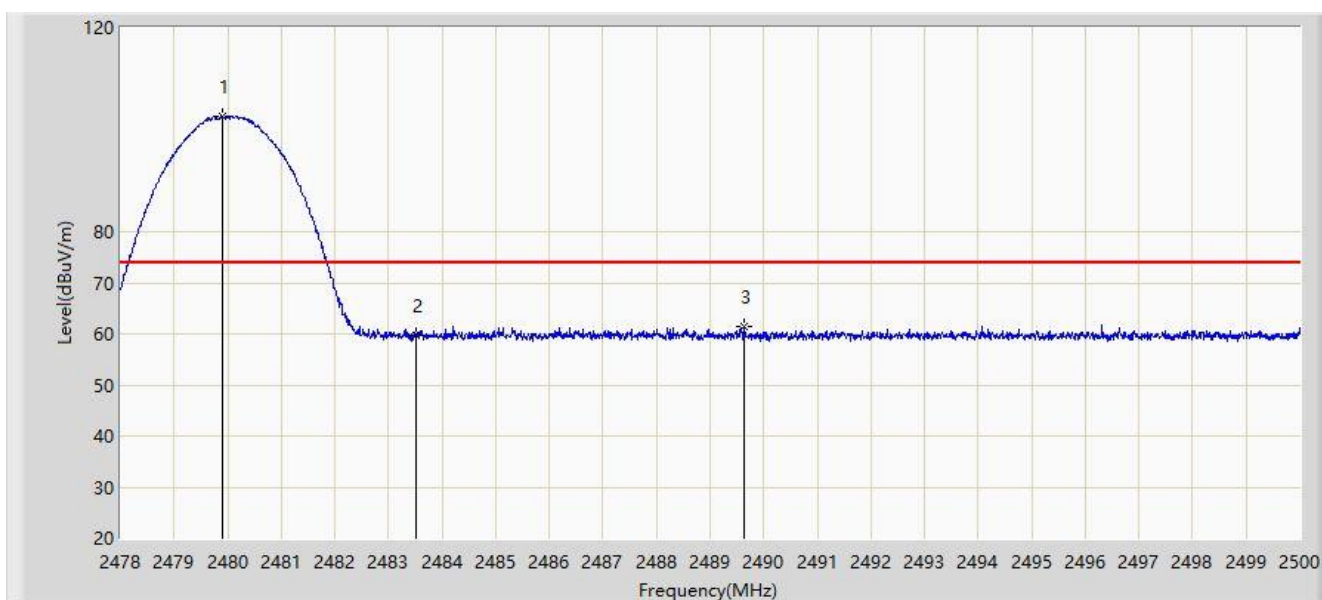


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.881	86.638	53.988	N/A	N/A	32.650	AV
2			2483.500	47.253	14.552	-6.747	54.000	32.701	AV
3			2483.995	47.375	14.668	-6.625	54.000	32.707	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

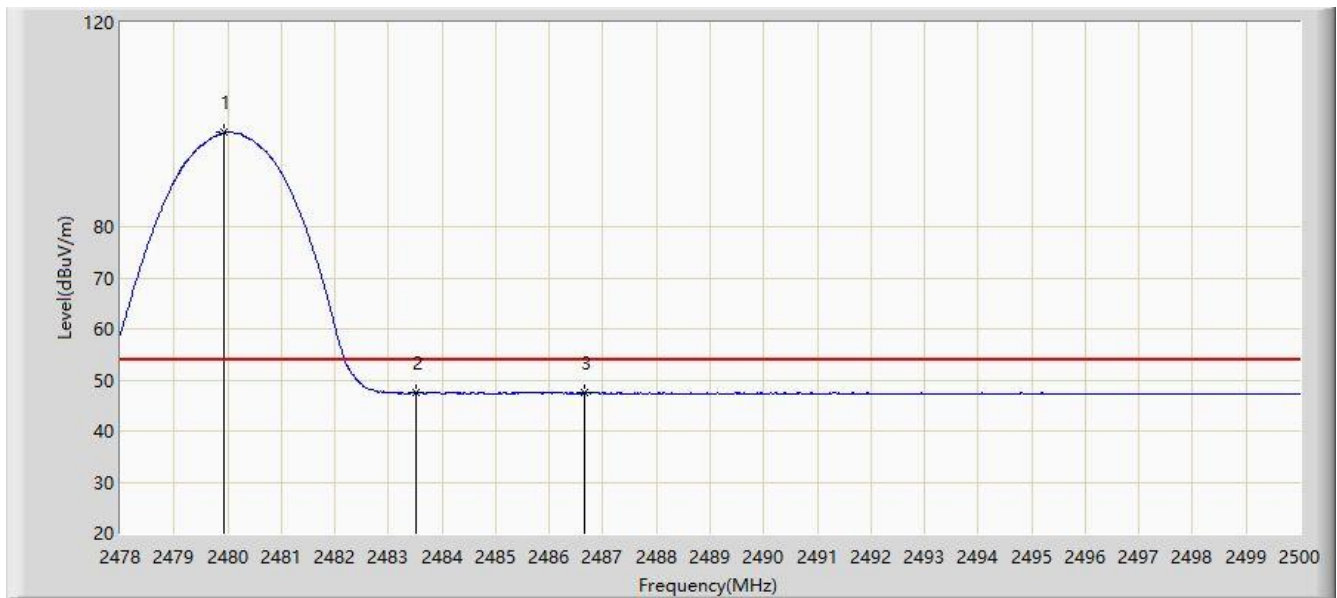


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.892	102.726	70.076	N/A	N/A	32.650	PK
2			2483.500	59.572	26.871	-14.428	74.000	32.701	PK
3			2489.638	61.393	28.652	-12.607	74.000	32.741	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 2DH5 at Channel 2480MHz	

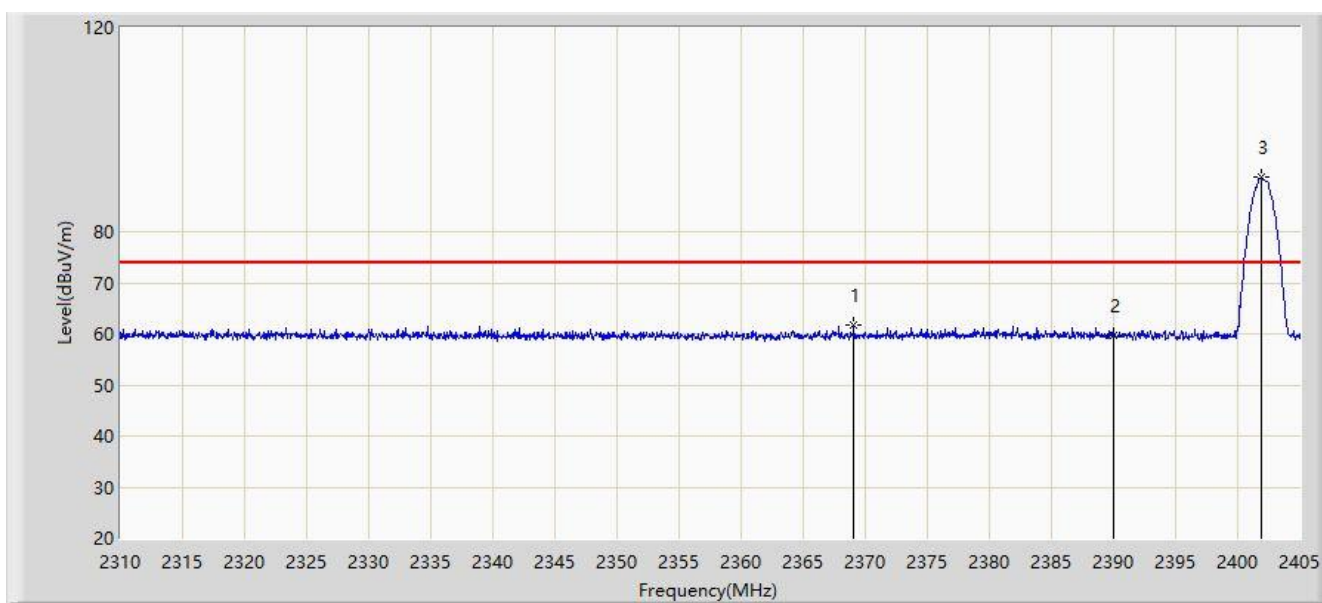


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2479.925	98.430	65.779	N/A	N/A	32.651	AV
2			2483.500	47.413	14.712	-6.587	54.000	32.701	AV
3			2486.668	47.517	14.772	-6.483	54.000	32.744	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

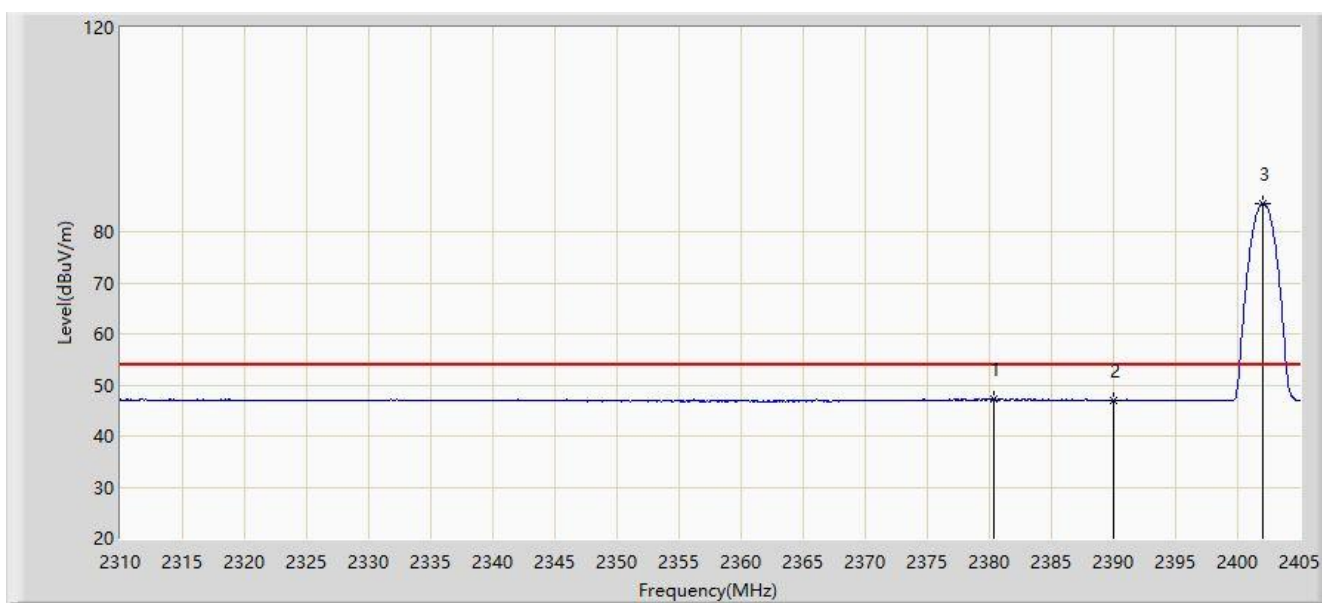


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.042	61.681	28.947	-12.319	74.000	32.733	PK
2			2390.000	59.600	26.939	-14.400	74.000	32.660	PK
3		*	2401.913	90.583	58.018	N/A	N/A	32.565	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

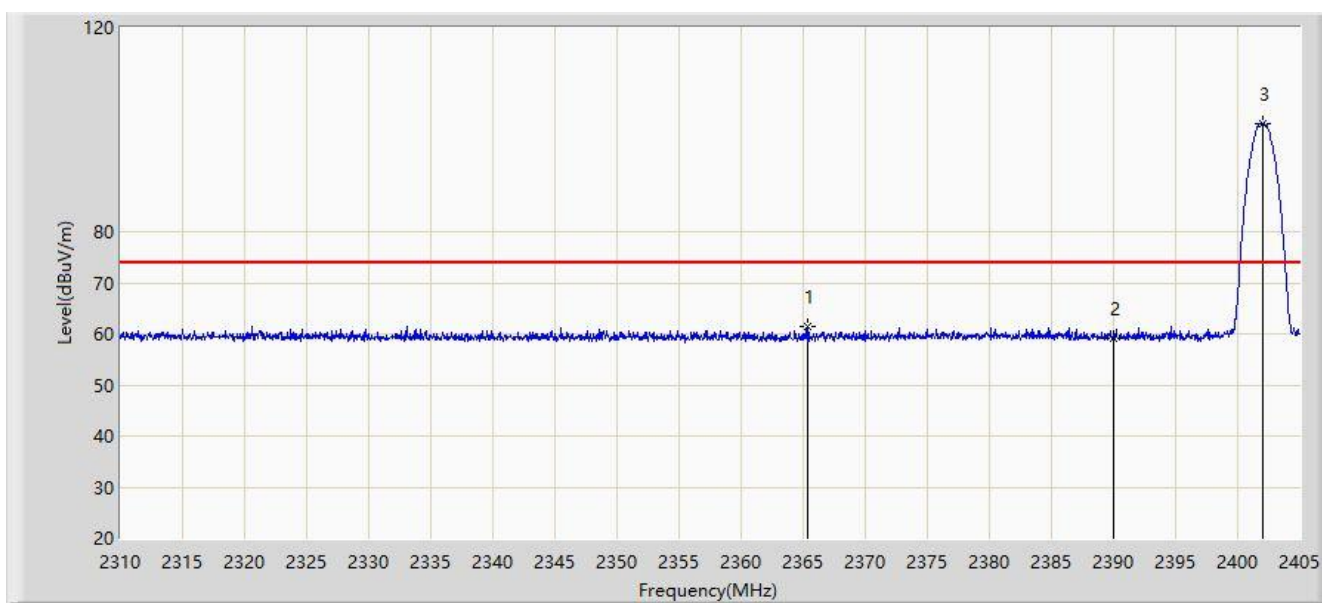


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.347	47.177	14.317	-6.823	54.000	32.860	AV
2			2390.000	47.045	14.384	-6.955	54.000	32.660	AV
3		*	2402.055	85.623	53.056	N/A	N/A	32.567	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

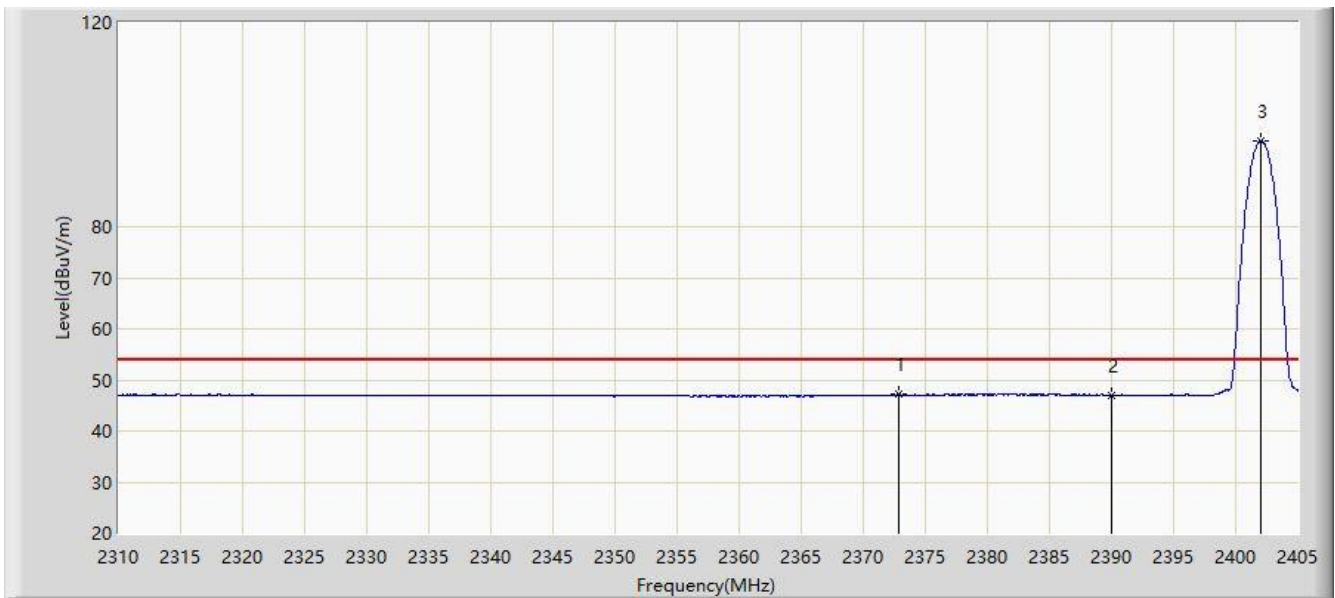


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2365.385	61.467	28.780	-12.533	74.000	32.687	PK
2			2390.000	59.191	26.530	-14.809	74.000	32.660	PK
3		*	2402.055	101.248	68.681	N/A	N/A	32.567	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2402MHz	

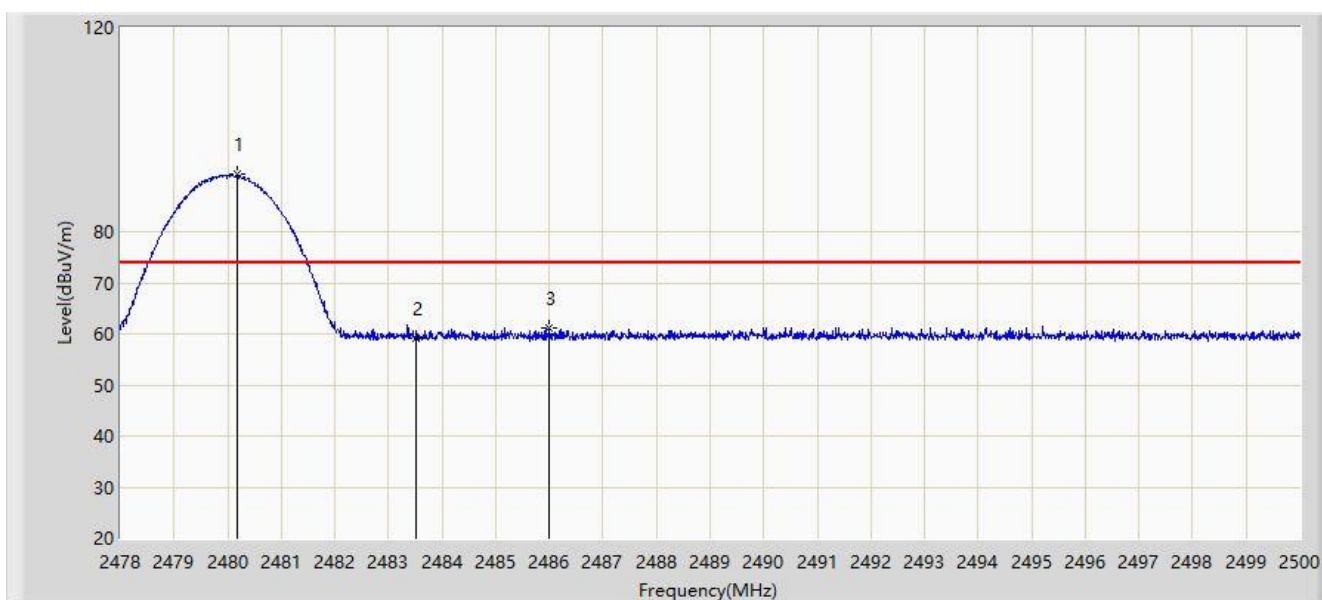


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2372.890	47.186	14.403	-6.814	54.000	32.783	AV
2			2390.000	47.054	14.393	-6.946	54.000	32.660	AV
3		*	2402.008	96.923	64.356	N/A	N/A	32.566	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

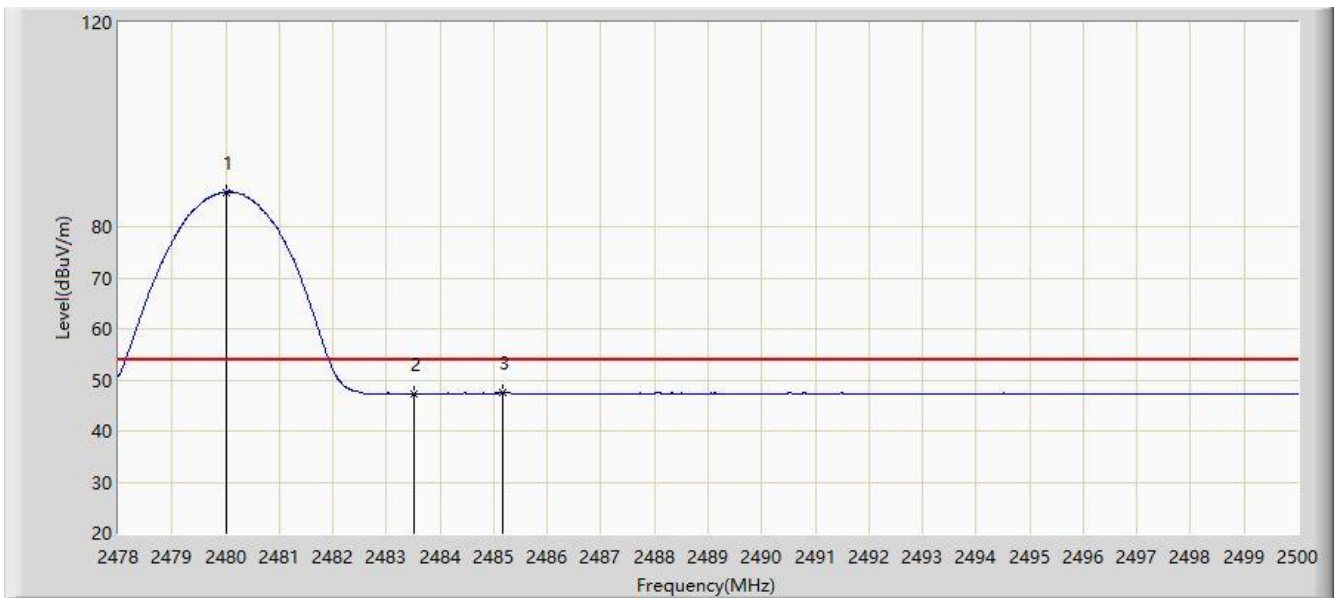


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.167	91.178	58.524	N/A	N/A	32.654	PK
2			2483.500	59.091	26.390	-14.909	74.000	32.701	PK
3			2486.008	61.171	28.435	-12.829	74.000	32.736	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

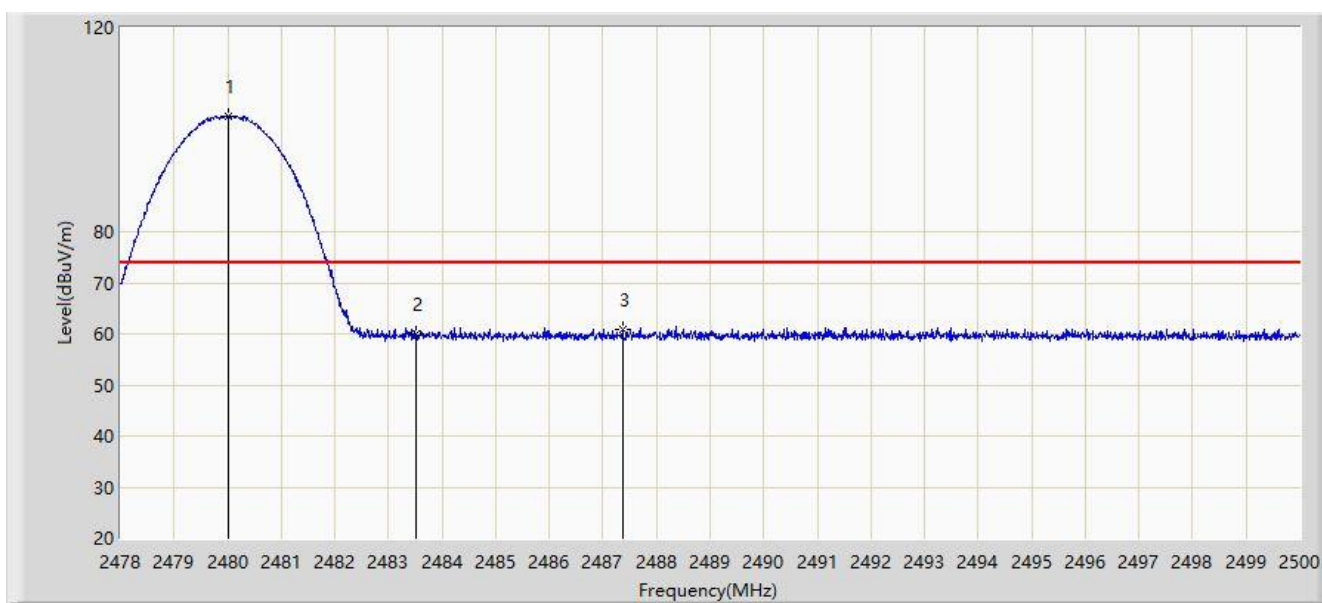


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	86.803	54.151	N/A	N/A	32.652	AV
2			2483.500	47.271	14.570	-6.729	54.000	32.701	AV
3			2485.172	47.524	14.800	-6.476	54.000	32.724	AV

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 3DH5 at Channel 2480MHz	

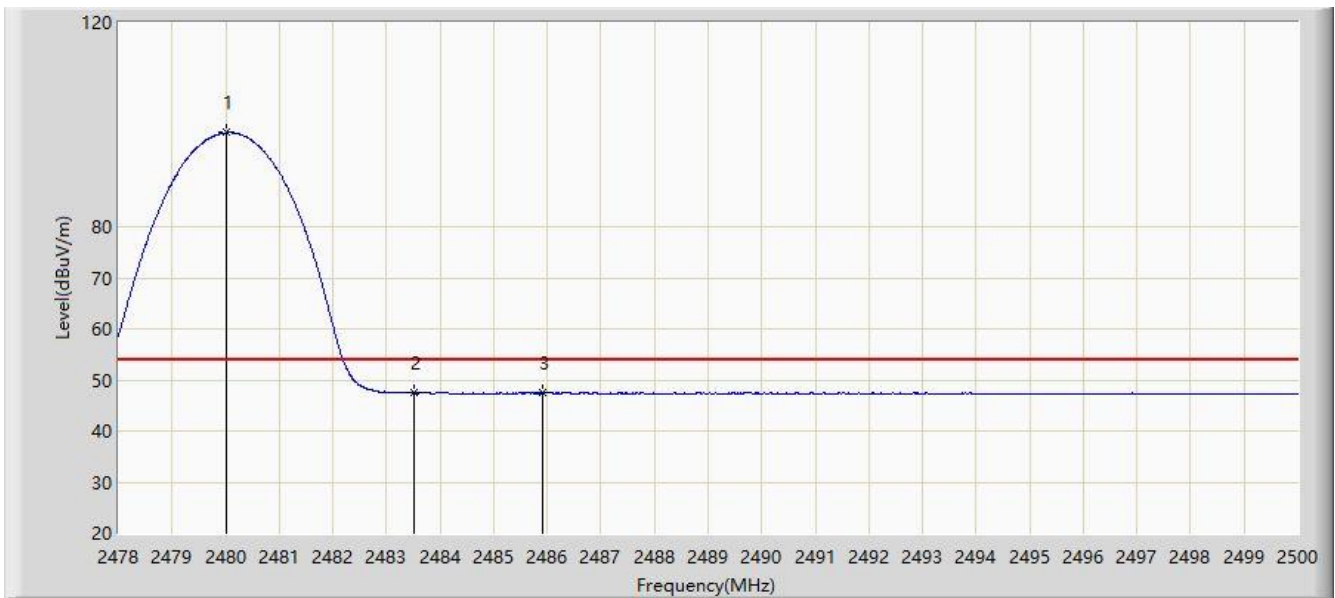


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2480.002	102.729	70.077	N/A	N/A	32.652	PK
2			2483.500	59.890	27.189	-14.110	74.000	32.701	PK
3			2487.361	61.002	28.248	-12.998	74.000	32.755	PK

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

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

Site: WZ-AC2	Time: 2020/11/20 - 11:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
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		*	2480.024	98.422	65.770	N/A	N/A	32.652	AV
2			2483.500	47.468	14.767	-6.532	54.000	32.701	AV
3			2485.920	47.526	14.792	-6.474	54.000	32.734	AV

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

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

6.11. AC Conducted Emissions Measurement

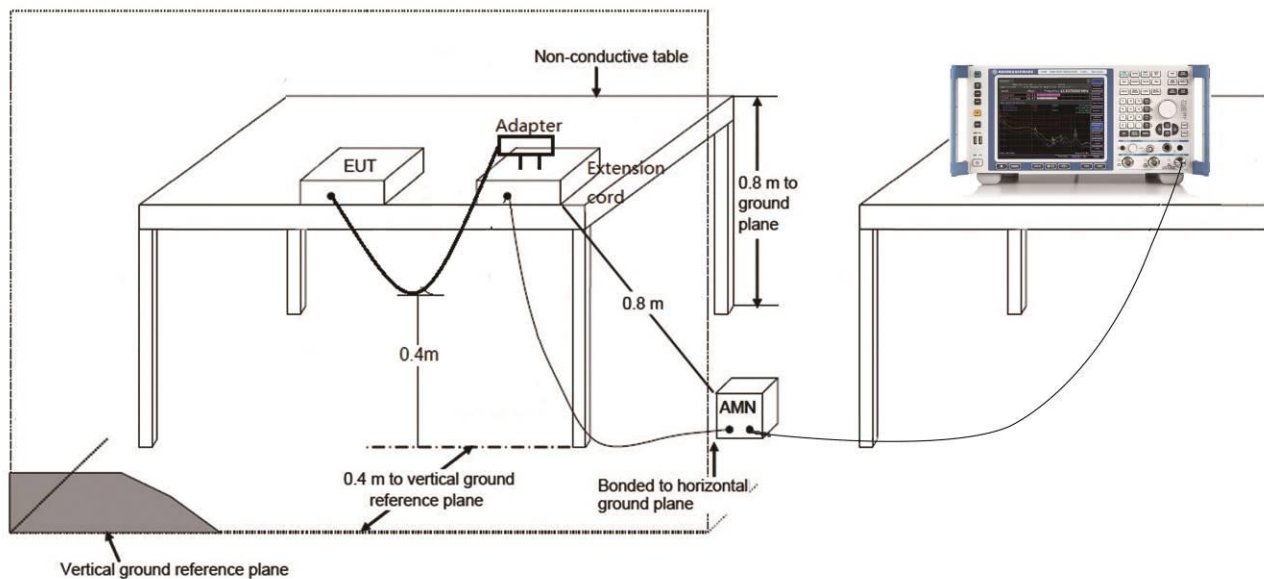
6.11.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

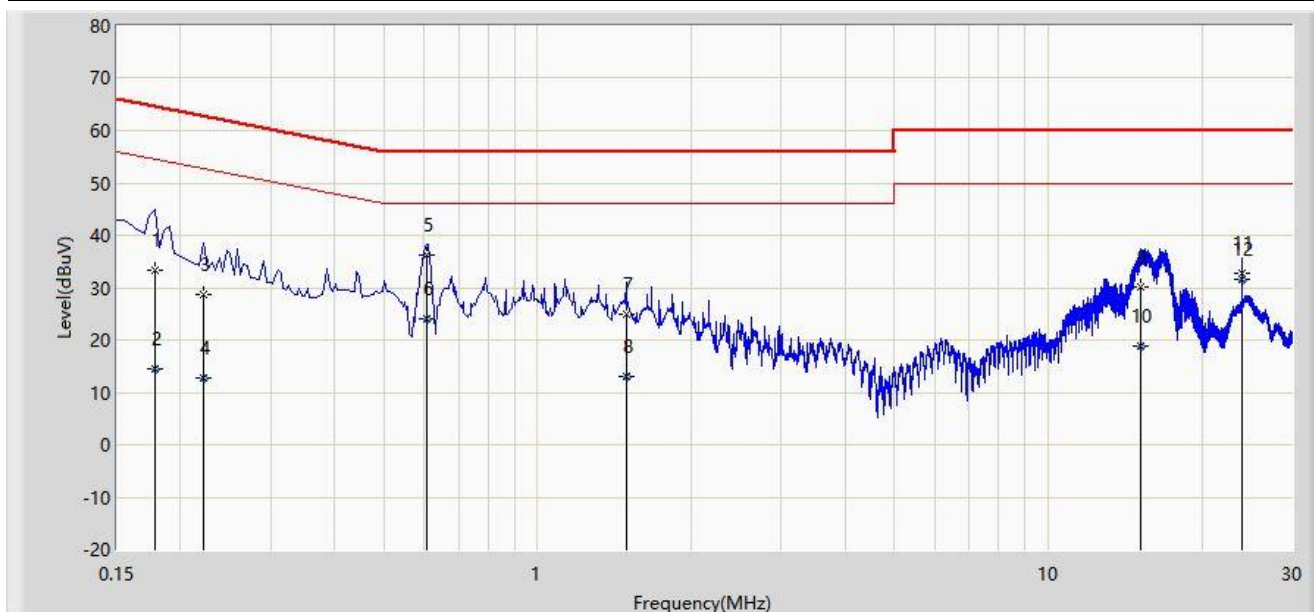
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.11.2. Test Setup



6.11.3.Test Result

Site: WZ-SR2	Time: 2020/11/21 - 15:55
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dandy Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz (PCB Antenna)	

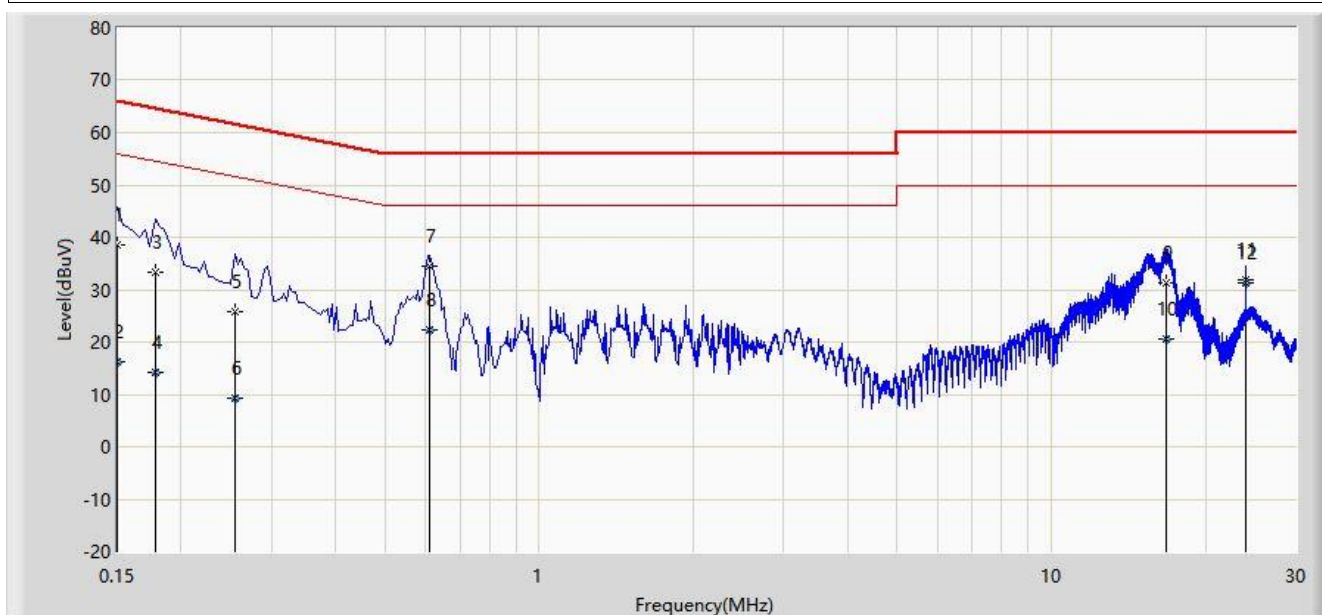


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.178	33.279	23.651	-31.299	64.578	9.628	QP
2			0.178	14.565	4.937	-40.014	54.578	9.628	AV
3			0.222	28.639	18.995	-34.105	62.744	9.643	QP
4			0.222	12.704	3.061	-40.040	52.744	9.643	AV
5			0.606	36.185	26.474	-19.815	56.000	9.711	QP
6			0.606	24.190	14.479	-21.810	46.000	9.711	AV
7			1.490	24.818	15.062	-31.182	56.000	9.756	QP
8			1.490	12.945	3.189	-33.055	46.000	9.756	AV
9			15.166	30.270	20.076	-29.730	60.000	10.194	QP
10			15.166	18.773	8.578	-31.227	50.000	10.194	AV
11			24.002	32.781	22.375	-27.219	60.000	10.406	QP
12		*	24.002	31.687	21.281	-18.313	50.000	10.406	AV

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

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

Site: WZ-SR2	Time: 2020/11/21 - 15:59
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dandy Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by DH5 at channel 2402MHz (PCB Antenna)	

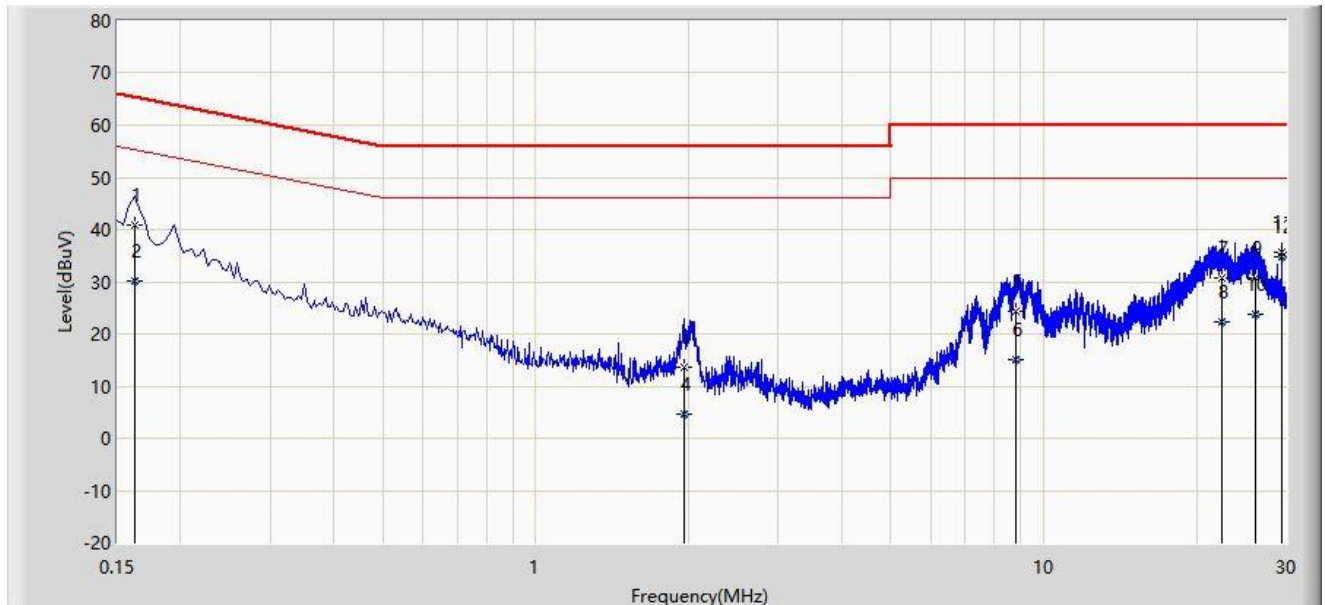


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.150	38.559	28.956	-27.441	66.000	9.603	QP
2			0.150	16.312	6.709	-39.688	56.000	9.603	AV
3			0.178	33.457	23.839	-31.121	64.578	9.618	QP
4			0.178	14.301	4.683	-40.277	54.578	9.618	AV
5			0.254	25.904	16.264	-35.721	61.625	9.640	QP
6			0.254	9.389	-0.251	-42.237	51.625	9.640	AV
7			0.610	34.437	24.735	-21.563	56.000	9.701	QP
8			0.610	22.344	12.643	-23.656	46.000	9.701	AV
9			16.802	31.361	21.134	-28.639	60.000	10.227	QP
10			16.802	20.477	10.250	-29.523	50.000	10.227	AV
11			23.998	31.848	21.438	-28.152	60.000	10.410	QP
12		*	23.998	31.176	20.766	-18.824	50.000	10.410	AV

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

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

Site: WZ-SR2	Time: 2020/11/30 - 17:24
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz (Dipole Antenna)	

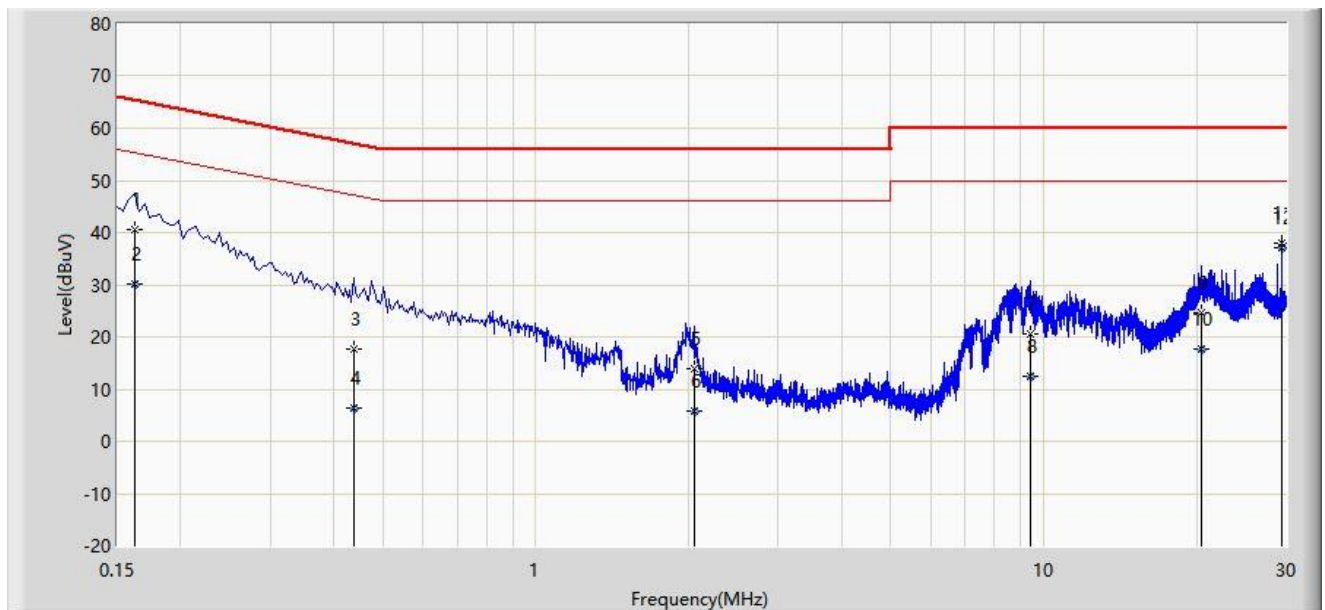


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	40.982	31.363	-24.379	65.361	9.619	QP
2			0.162	30.005	20.386	-25.356	55.361	9.619	AV
3			1.954	13.556	3.795	-42.444	56.000	9.761	QP
4			1.954	4.698	-5.063	-41.302	46.000	9.761	AV
5			8.830	24.472	14.456	-35.528	60.000	10.016	QP
6			8.830	14.951	4.935	-35.049	50.000	10.016	AV
7			22.374	30.592	20.198	-29.408	60.000	10.394	QP
8			22.374	22.303	11.909	-27.697	50.000	10.394	AV
9			26.182	30.840	20.420	-29.160	60.000	10.420	QP
10			26.182	23.801	13.381	-26.199	50.000	10.420	AV
11			29.454	35.593	25.155	-24.407	60.000	10.438	QP
12		*	29.454	34.874	24.436	-15.126	50.000	10.438	AV

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

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

Site: WZ-SR2	Time: 2020/11/30 - 17:28
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz (Dipole Antenna)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	40.543	30.934	-24.818	65.361	9.609	QP
2			0.162	30.049	20.440	-25.312	55.361	9.609	AV
3			0.438	17.637	7.962	-39.463	57.100	9.675	QP
4			0.438	6.322	-3.353	-40.777	47.100	9.675	AV
5			2.046	14.039	4.276	-41.961	56.000	9.763	QP
6			2.046	5.829	-3.934	-40.171	46.000	9.763	AV
7			9.414	20.670	10.637	-39.330	60.000	10.033	QP
8			9.414	12.538	2.506	-37.462	50.000	10.033	AV
9			20.462	24.586	14.292	-35.414	60.000	10.293	QP
10			20.462	17.823	7.530	-32.177	50.000	10.293	AV
11			29.454	37.932	27.447	-22.068	60.000	10.486	QP
12		*	29.454	37.116	26.630	-12.884	50.000	10.486	AV

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

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

7. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15C of the FCC rules.

The End

Appendix A - Test Setup Photograph

Refer to “2010RSU087-UT” file.

Appendix B - EUT Photograph

Refer to "2010RSU087-UE" file.