

802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

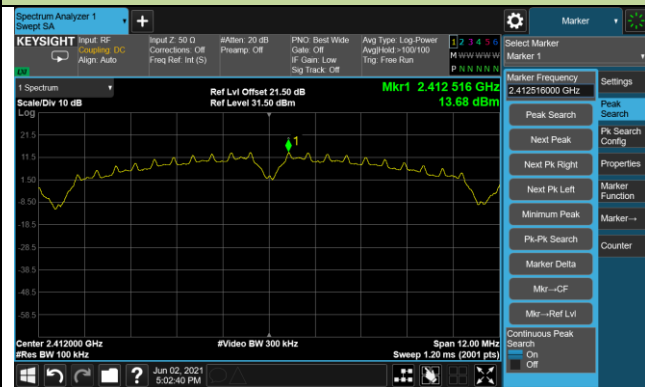
High Band Edge

Spurious Emission



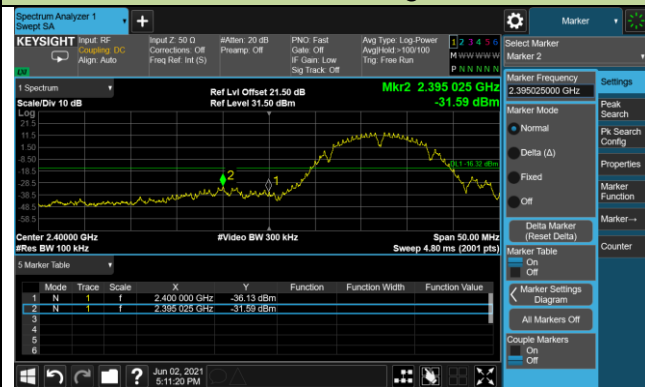
### 802.11b Out-of-Band Emissions - Ant 1

#### 100kHz PSD reference Level

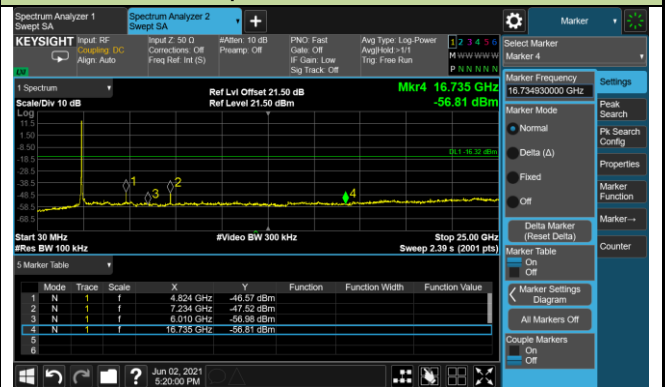


#### Channel 01 (2412MHz)

##### Low Band Edge

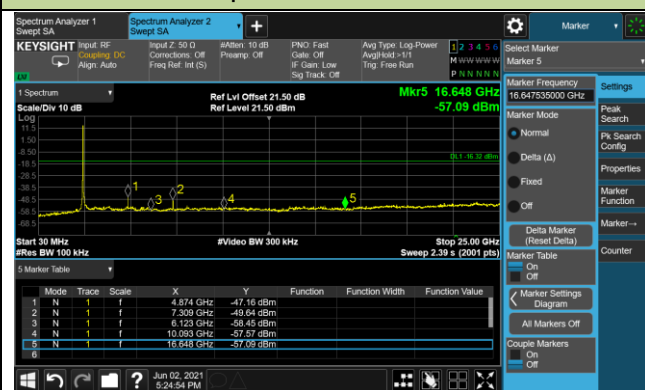


##### Spurious Emission



#### Channel 06 (2437MHz)

##### Spurious Emission



802.11b Out-of-Band Emissions - Ant 1

Channel 11 (2462MHz)

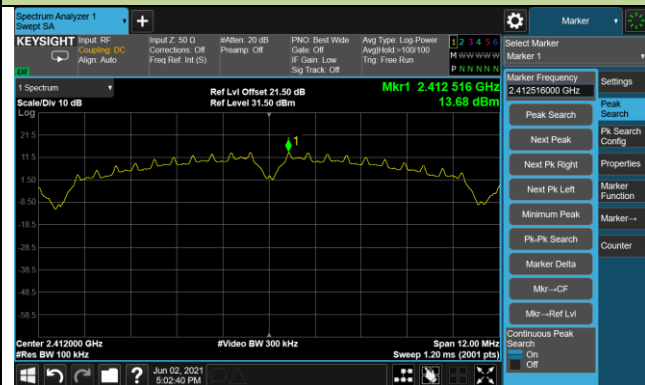
High Band Edge

Spurious Emission



### 802.11g Out-of-Band Emissions - Ant 1 / Ant 0 + 1

#### 100kHz PSD reference Level

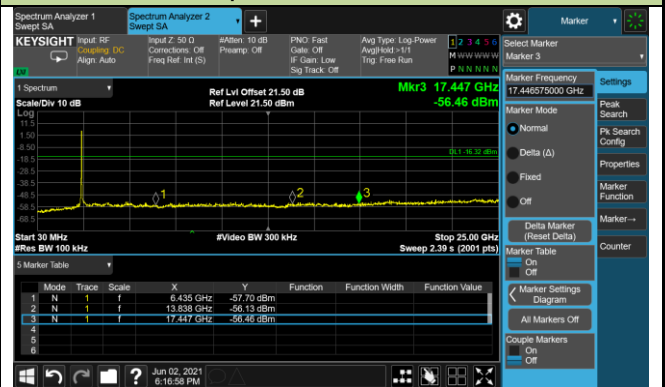


#### Channel 01 (2412MHz)

##### Low Band Edge

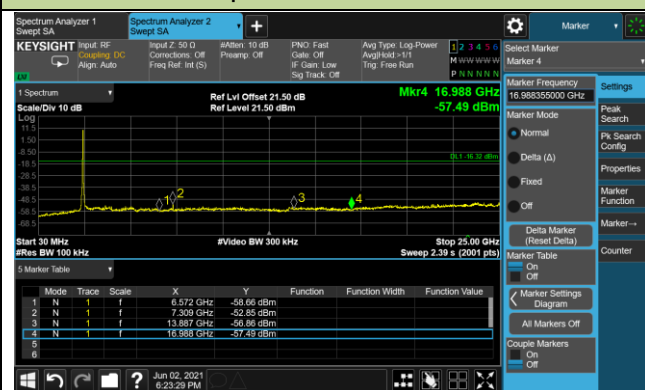


##### Spurious Emission



#### Channel 06 (2437MHz)

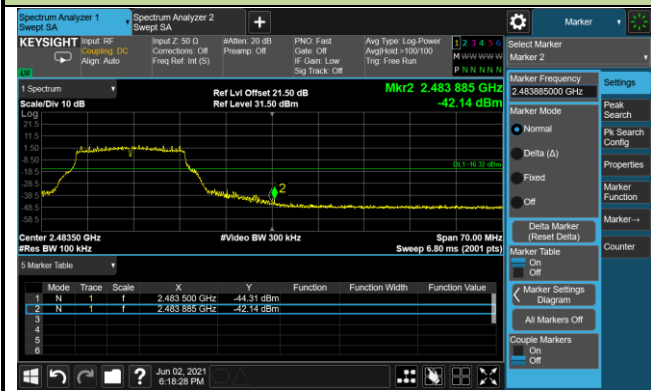
##### Spurious Emission



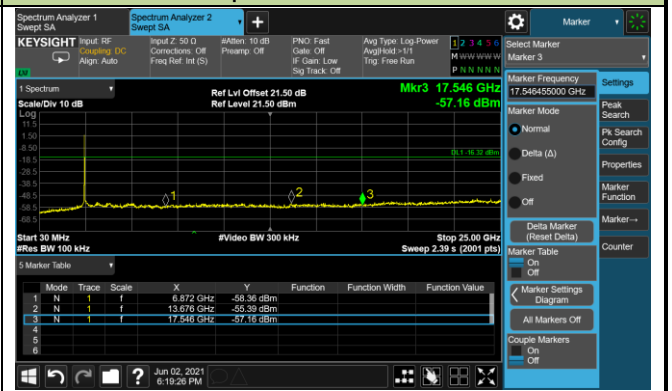
802.11g Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 11 (2462MHz)

High Band Edge

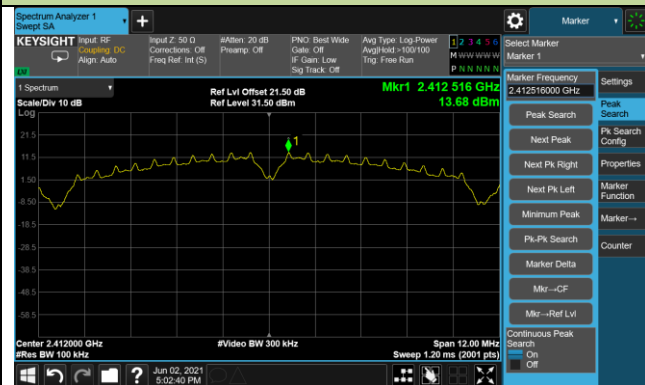


Spurious Emission



802.11n-HT20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

100kHz PSD reference Level

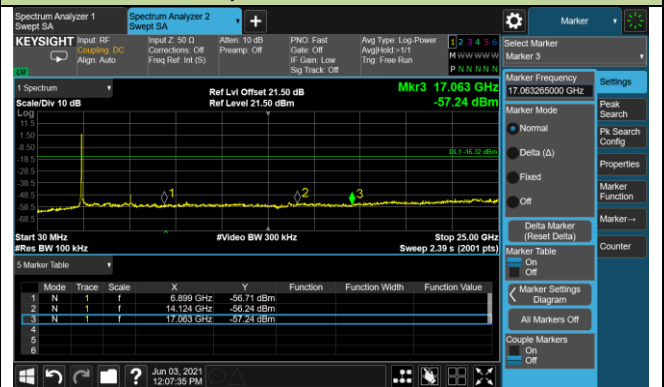


Channel 01 (2412MHz)

Low Band Edge

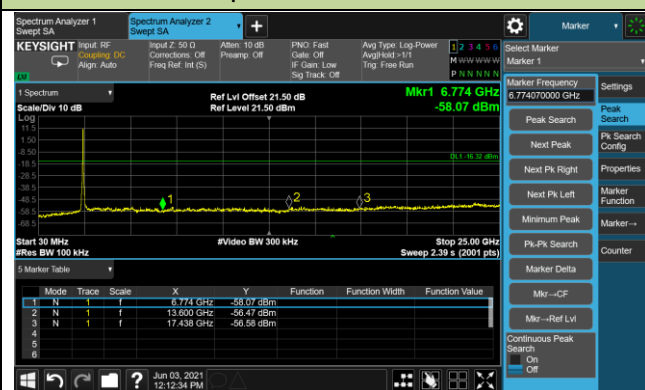


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission

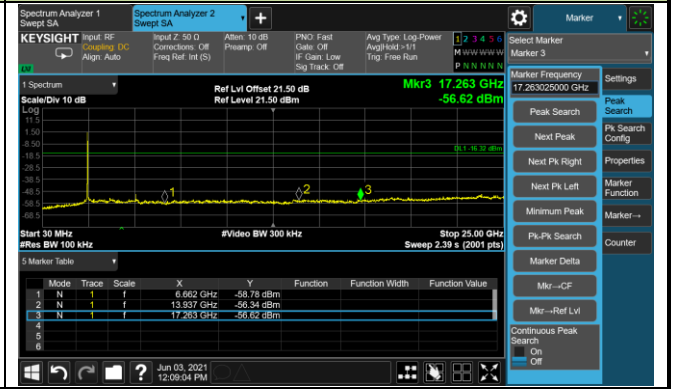
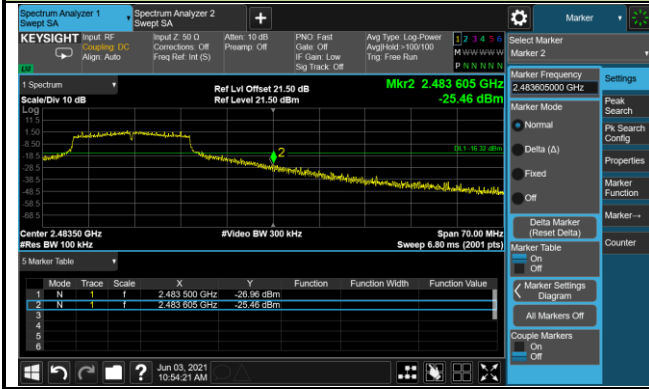


802.11n-HT20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 11 (2462MHz)

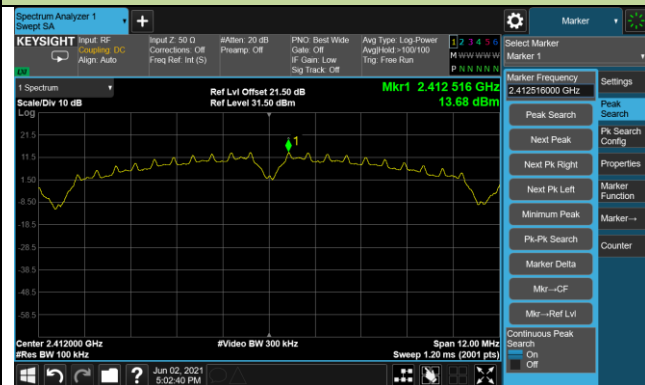
High Band Edge

Spurious Emission



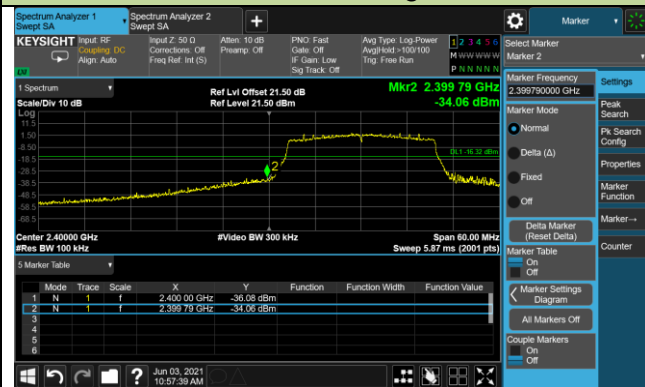
802.11ax-HE20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

100kHz PSD reference Level

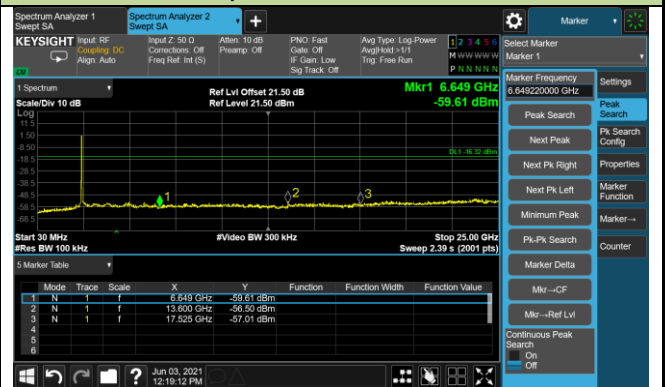


Channel 01 (2412MHz)

Low Band Edge

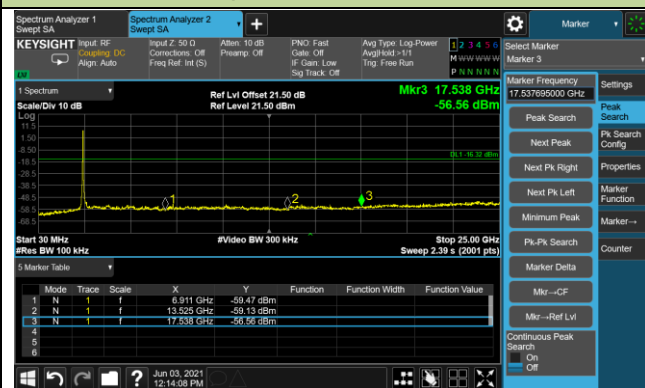


Spurious Emission



Channel 06 (2437MHz)

Spurious Emission





802.11ax-HE20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1

Channel 11 (2462MHz)

High Band Edge

Spurious Emission



## 6.6. Radiated Spurious Emission Measurement

### 6.6.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209 & RSS-Gen Section 8.9		
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

### 6.6.2. 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)

### 6.6.3. 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
> 1000MHz	1MHz

**Quasi-Peak Measurements below 1GHz**

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

**Peak Measurements above 1GHz**

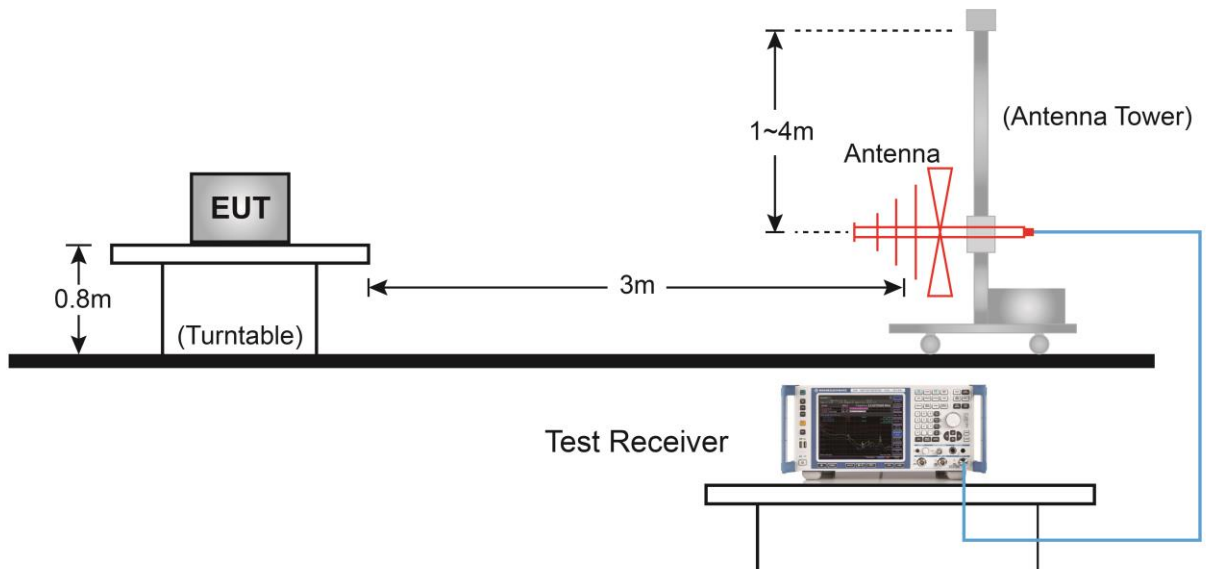
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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

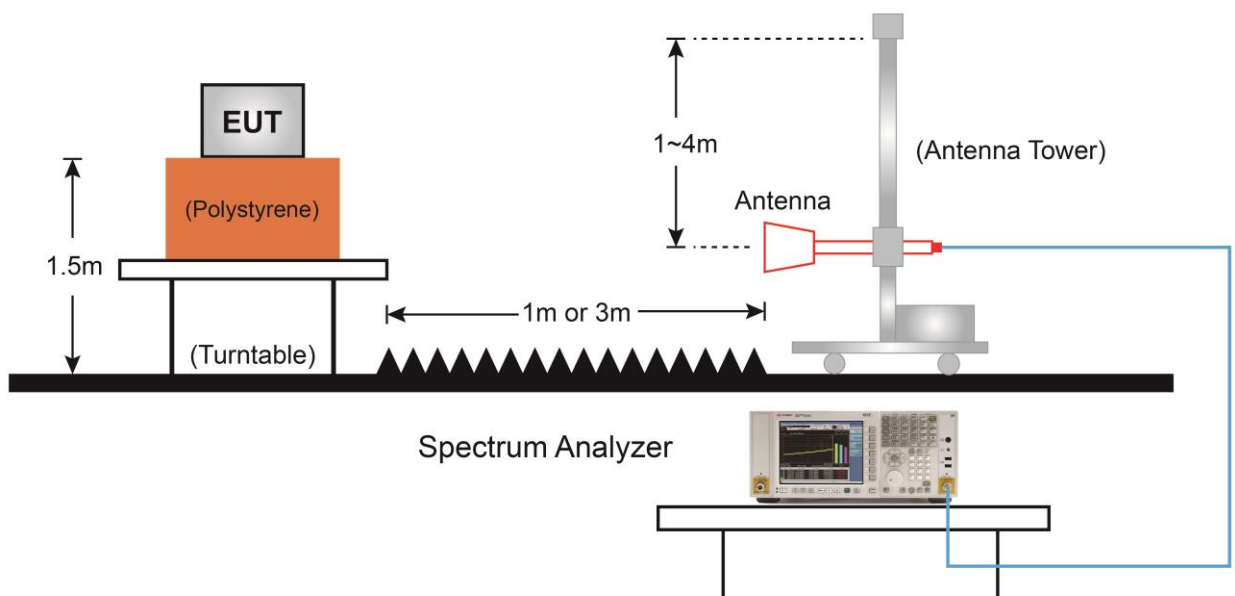
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle  $\geq 98\%$ , set VBW = 10 Hz.  
If the EUT duty cycle is  $< 98\%$ , set VBW  $\geq 1/T$ . T is the minimum transmission duration.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

### 6.6.4. Test Setup

#### Below 1GHz Test Setup:



#### Above 1GHz Test Setup:



### 6.6.5. Test Result

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 0
Test Channel	01		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4043.0	54.2	-11.0	43.2	74.0	-30.8	Peak	Horizontal
	4825.0	64.9	-9.6	55.3	74.0	-18.7	Peak	Horizontal
	4825.0	61.8	-9.6	52.2	54.0	-1.8	Average	Horizontal
	11446.5	45.1	5.4	50.5	74.0	-23.5	Peak	Horizontal
	4825.0	62.1	-9.6	52.5	74.0	-21.5	Peak	Vertical
	7528.0	48.3	-1.4	46.9	74.0	-27.1	Peak	Vertical
	11523.0	45.1	5.6	50.7	74.0	-23.3	Peak	Vertical

Note: Measure Level (dB $\mu$ V/m) = Reading Level (dB $\mu$ V) + Factor (dB)  
 Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre\_Amplifier Gain (dB)

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 0
Test Channel	06		
Note	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
	4876.0	61.7	-9.3	52.4	74.0	-21.6	Peak	Horizontal
	7460.0	46.9	-1.0	45.9	74.0	-28.1	Peak	Horizontal
	11149.0	45.4	5.0	50.4	74.0	-23.6	Peak	Horizontal
	4876.0	59.7	-9.3	50.4	74.0	-23.6	Peak	Vertical
	8242.0	49.9	-0.6	49.3	74.0	-24.7	Peak	Vertical
	11514.5	45.6	5.4	51.0	74.0	-23.0	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)

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 0
Test Channel	11		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4927.0	61.4	-9.3	52.1	74.0	-21.9	Peak	Horizontal
	7460.0	47.0	-1.0	46.0	74.0	-28.0	Peak	Horizontal
	11072.5	45.2	5.3	50.5	74.0	-23.5	Peak	Horizontal
	4927.0	58.2	-9.3	48.9	74.0	-25.1	Peak	Vertical
	7528.0	47.5	-1.4	46.1	74.0	-27.9	Peak	Vertical
	11523.0	44.9	5.6	50.5	74.0	-23.5	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 1
Test Channel	01		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	3958.0	55.1	-11.6	43.5	74.0	-30.5	Peak	Horizontal
	4825.0	61.4	-10.5	50.9	74.0	-23.1	Peak	Horizontal
	11846.0	50.2	-4.4	45.8	74.0	-28.2	Peak	Horizontal
	3966.5	52.3	-11.6	40.7	74.0	-33.3	Peak	Vertical
	4825.0	59.4	-10.5	48.9	74.0	-25.1	Peak	Vertical
	11914.0	49.8	-4.4	45.4	74.0	-28.6	Peak	Vertical

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

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



Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 1
Test Channel	06		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4876.0	57.0	-10.3	46.7	74.0	-27.3	Peak	Horizontal
	7307.0	58.9	-7.7	51.2	74.0	-22.8	Peak	Horizontal
	11149.0	50.8	-5.2	45.6	74.0	-28.4	Peak	Horizontal
	4876.0	57.2	-10.3	46.9	74.0	-27.1	Peak	Vertical
	7307.0	60.4	-7.7	52.7	74.0	-21.3	Peak	Vertical
	11421.0	50.2	-4.9	45.3	74.0	-28.7	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11b - Ant 1
Test Channel	11		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4927.0	53.4	-10.3	43.1	74.0	-30.9	Peak	Horizontal
	7383.5	57.4	-7.6	49.8	74.0	-24.2	Peak	Horizontal
	11064.0	50.1	-5.1	45.0	74.0	-29.0	Peak	Horizontal
	4927.0	54.7	-10.3	44.4	74.0	-29.6	Peak	Vertical
	7383.5	57.4	-7.6	49.8	74.0	-24.2	Peak	Vertical
	12024.5	50.6	-4.1	46.5	74.0	-27.5	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11g
Test Channel	01		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	3958.0	53.7	-11.6	42.1	74.0	-31.9	Peak	Horizontal
	4825.0	64.0	-10.5	53.5	74.0	-20.5	Peak	Horizontal
	11948.0	50.0	-3.9	46.1	74.0	-27.9	Peak	Horizontal
	4060.0	53.5	-11.4	42.1	74.0	-31.9	Peak	Vertical
	4825.0	60.7	-10.5	50.2	74.0	-23.8	Peak	Vertical
	12177.5	49.6	-3.8	45.8	74.0	-28.2	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11g
Test Channel	06		
Note	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
	4867.5	62.9	-10.4	52.5	74.0	-21.5	Peak	Horizontal
	7307.0	59.1	-7.7	51.4	74.0	-22.6	Peak	Horizontal
	11378.5	50.5	-4.9	45.6	74.0	-28.4	Peak	Horizontal
	4876.0	58.5	-10.3	48.2	74.0	-25.8	Peak	Vertical
	7307.0	61.2	-7.7	53.5	74.0	-20.5	Peak	Vertical
	12152.0	49.7	-3.8	45.9	74.0	-28.1	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)

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11g
Test Channel	11		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4918.5	59.3	-10.3	49.0	74.0	-25.0	Peak	Horizontal
	7383.5	57.7	-7.6	50.1	74.0	-23.9	Peak	Horizontal
	11982.0	49.9	-3.9	46.0	74.0	-28.0	Peak	Horizontal
	4927.0	57.9	-10.3	47.6	74.0	-26.4	Peak	Vertical
	7383.5	58.7	-7.6	51.1	74.0	-22.9	Peak	Vertical
	12288.0	49.3	-3.6	45.7	74.0	-28.3	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11n-HT20
Test Channel	01		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	3958.0	53.7	-11.6	42.1	74.0	-31.9	Peak	Horizontal
	4825.0	64.6	-10.5	54.1	74.0	-19.9	Peak	Horizontal
	4825.0	56.9	-10.5	46.4	54.0	-7.6	Average	Horizontal
	12279.5	49.8	-3.6	46.2	74.0	-27.8	Peak	Horizontal
	4000.5	53.2	-11.8	41.4	74.0	-32.6	Peak	Vertical
	4825.0	60.7	-10.5	50.2	74.0	-23.8	Peak	Vertical
	11812.0	50.2	-4.6	45.6	74.0	-28.4	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11n-HT20
Test Channel	06		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4876.0	63.7	-10.3	53.4	74.0	-20.6	Peak	Horizontal
	7307.0	59.7	-7.7	52.0	74.0	-22.0	Peak	Horizontal
	11778.0	50.1	-4.2	45.9	74.0	-28.1	Peak	Horizontal
	4867.5	58.8	-10.4	48.4	74.0	-25.6	Peak	Vertical
	7307.0	60.8	-7.7	53.1	74.0	-20.9	Peak	Vertical
	11650.5	50.7	-4.4	46.3	74.0	-27.7	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11n-HT20
Test Channel	11		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4918.5	58.6	-10.3	48.3	74.0	-25.7	Peak	Horizontal
	7375.0	55.9	-7.6	48.3	74.0	-25.7	Peak	Horizontal
	11854.5	49.9	-4.3	45.6	74.0	-28.4	Peak	Horizontal
	4918.5	56.6	-10.3	46.3	74.0	-27.7	Peak	Vertical
	7383.5	57.3	-7.6	49.7	74.0	-24.3	Peak	Vertical
	11829.0	49.9	-4.4	45.5	74.0	-28.5	Peak	Vertical

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

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



Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11ax-HE20
Test Channel	01		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	3958.0	54.5	-11.6	42.9	74.0	-31.1	Peak	Horizontal
	4825.0	65.7	-10.5	55.2	74.0	-18.8	Peak	Horizontal
	4825.0	56.8	-10.5	46.3	54.0	-7.7	Average	Horizontal
	12058.5	50.4	-3.9	46.5	74.0	-27.5	Peak	Horizontal
	4043.0	53.0	-11.5	41.5	74.0	-32.5	Peak	Vertical
	4825.0	60.5	-10.5	50.0	74.0	-24.0	Peak	Vertical
	12424.0	50.2	-3.8	46.4	74.0	-27.6	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11ax-HE20
Test Channel	06		
Note	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 (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	3958.0	54.2	-11.6	42.6	74.0	-31.4	Peak	Horizontal
	4867.5	61.3	-10.4	50.9	74.0	-23.1	Peak	Horizontal
	7298.5	59.6	-7.7	51.9	74.0	-22.1	Peak	Horizontal
	4876.0	58.6	-10.3	48.3	74.0	-25.7	Peak	Vertical
	7315.5	61.2	-7.6	53.6	74.0	-20.4	Peak	Vertical
	12611.0	50.3	-3.6	46.7	74.0	-27.3	Peak	Vertical

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

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

Test Site	SIP-AC1	Test Engineer	Edward Zhang
Test Date	2021/06/03	Test Mode	802.11ax-HE20
Test Channel	11		
Note	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.		

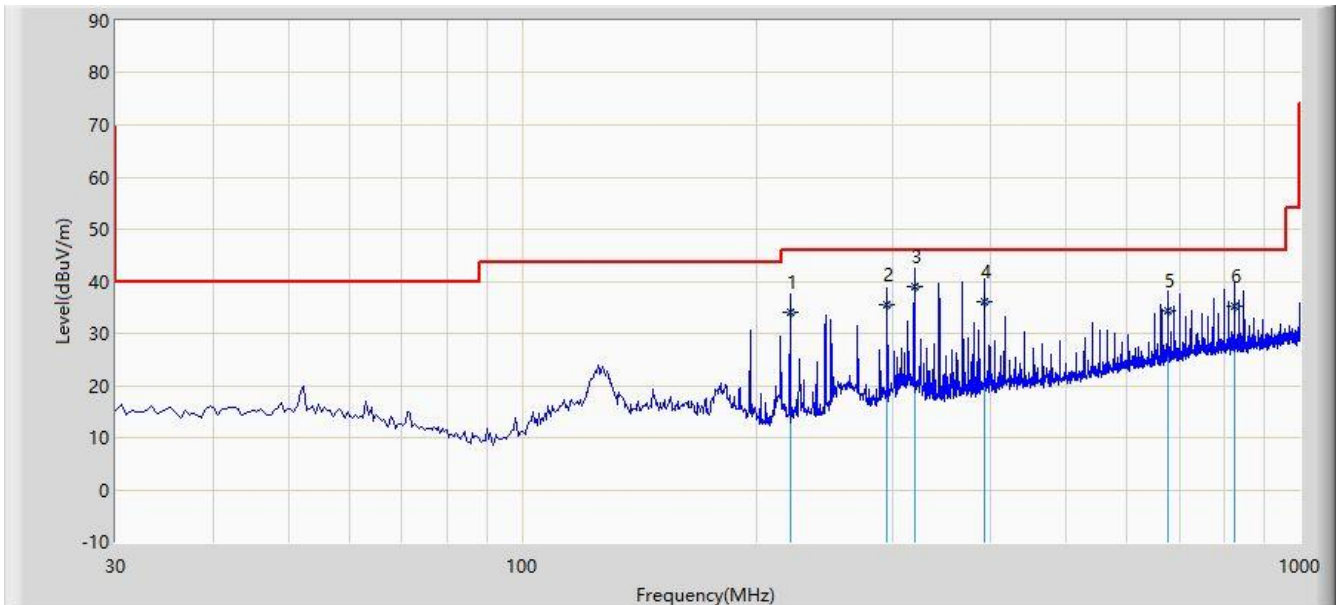
Mark	Frequency (MHz)	Reading Level (dB $\mu$ V)	Factor (dB)	Measure Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Detector	Polarization
	4918.5	59.2	-10.3	48.9	74.0	-25.1	Peak	Horizontal
	7375.0	57.2	-7.6	49.6	74.0	-24.4	Peak	Horizontal
	11803.5	51.1	-4.5	46.6	74.0	-27.4	Peak	Horizontal
	4927.0	57.1	-10.3	46.8	74.0	-27.2	Peak	Vertical
	7392.0	56.7	-7.6	49.1	74.0	-24.9	Peak	Vertical
	12075.5	50.4	-3.9	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Site: SIP-AC1	Time: 2021/06/07 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Mero Zhou
Probe: SIP-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz – Ant 0	



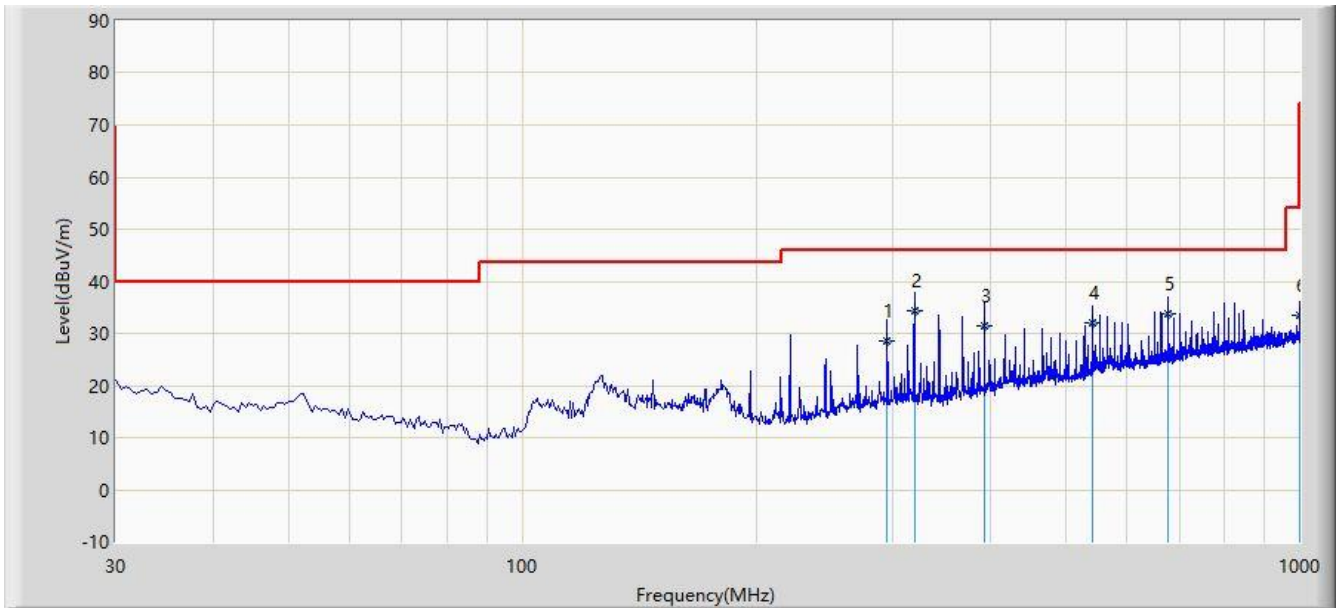
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			221.090	33.944	19.230	-12.056	46.000	14.714	QP
2			294.810	35.646	17.540	-10.354	46.000	18.106	QP
3		*	319.545	39.097	20.280	-6.903	46.000	18.817	QP
4			393.265	36.182	15.750	-9.818	46.000	20.432	QP
5			676.020	34.323	8.460	-11.677	46.000	25.863	QP
6			823.460	35.124	7.060	-10.876	46.000	28.064	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 ~ 30MHz, 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: SIP-AC1	Time: 2021/06/07 - 17:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Mero Zhou
Probe: SIP-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz – Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			294.810	28.656	10.550	-17.344	46.000	18.106	QP
2		*	319.545	34.457	15.640	-11.543	46.000	18.817	QP
3			393.265	31.522	11.090	-14.478	46.000	20.432	QP
4			540.705	32.112	8.590	-13.888	46.000	23.522	QP
5			676.020	33.773	7.910	-12.227	46.000	25.863	QP
6			1000.000	33.536	3.960	-20.464	54.000	29.576	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 ~ 30MHz, 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.

## 6.7. Radiated Restricted Band Edge Measurement

### 6.7.1. 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
<sup>1</sup> 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	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	( <sup>2</sup> )
13.36 - 13.41	--	--	--

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

<b>FCC Part 15 Subpart C Paragraph 15.209 Limits</b>		
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)
0.090 - 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			
Frequency [MHz]	Magnetic field strength (H-Field) [uA/m]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	6.37/F(F in kHz)	--	300
0.490 - 1.705	63.7/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

### 6.7.2. Test Procedure Used

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

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

### 6.7.3. 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

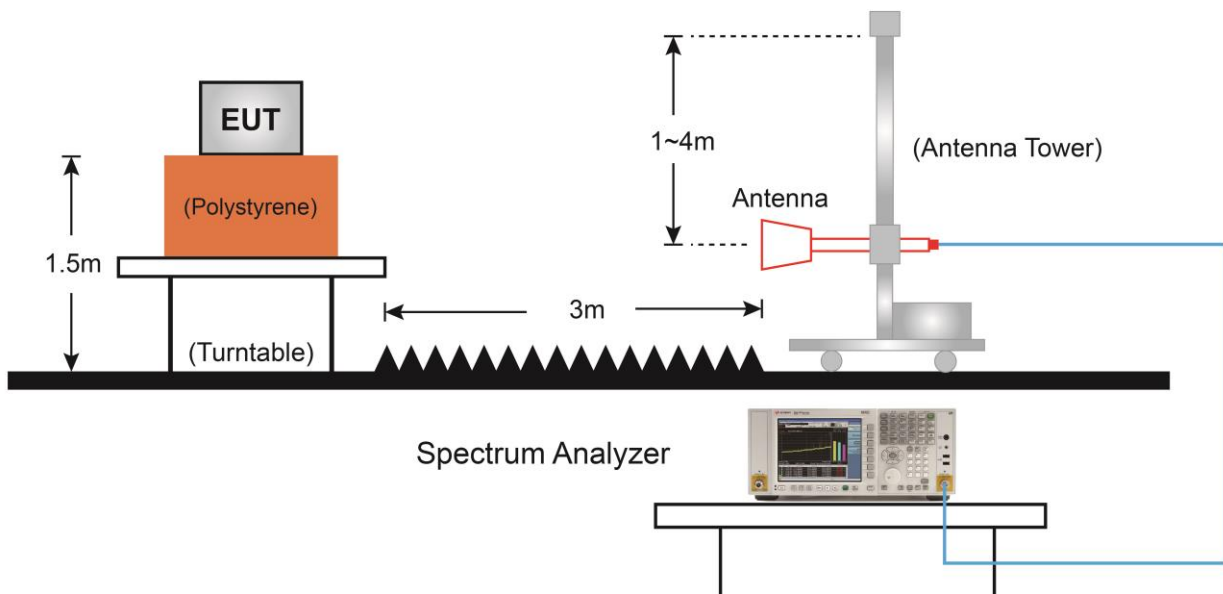
### Average Measurements above 1GHz (Method VB)

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 = 10 Hz.

If the EUT duty cycle is  $< 98\%$ , set  $VBW \geq 1/T$ . T is the minimum transmission duration.

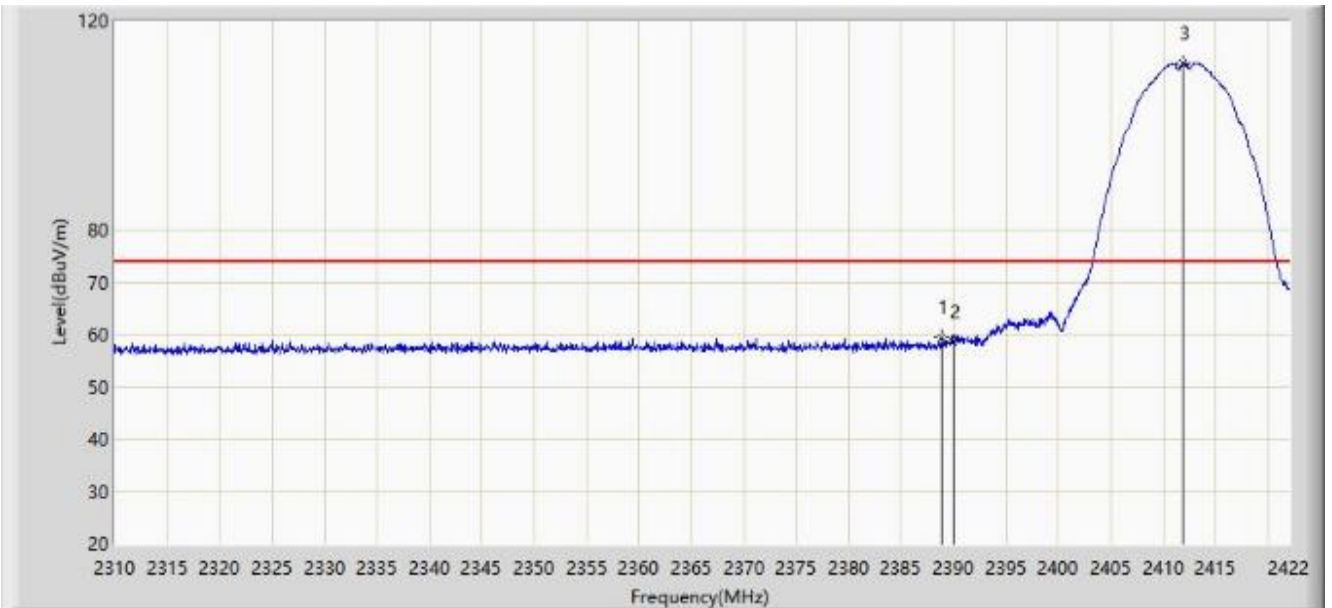
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

#### 6.7.4. Test Setup



### 6.7.5. Test Result

Site: WZ-AC1	Time: 2021/05/28 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 0	

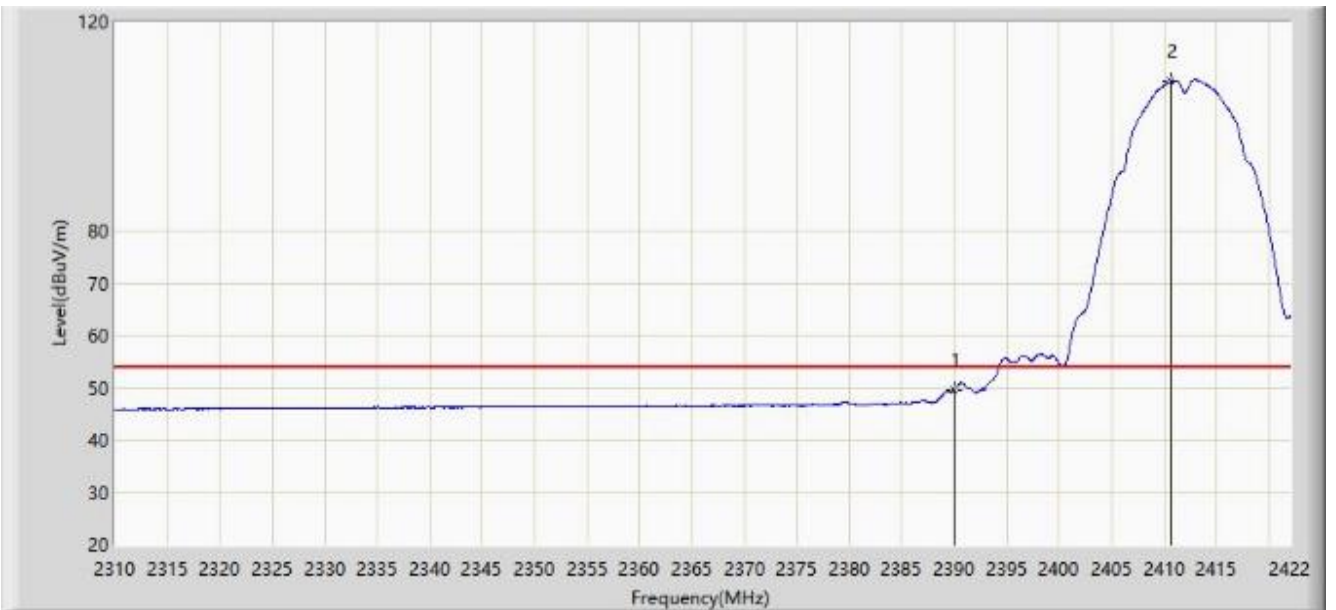


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.904	59.503	27.902	-14.497	74.000	31.601	PK
2			2390.000	58.608	27.005	-15.392	74.000	31.603	PK
3		*	2411.920	111.784	80.171	N/A	N/A	31.613	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 0	

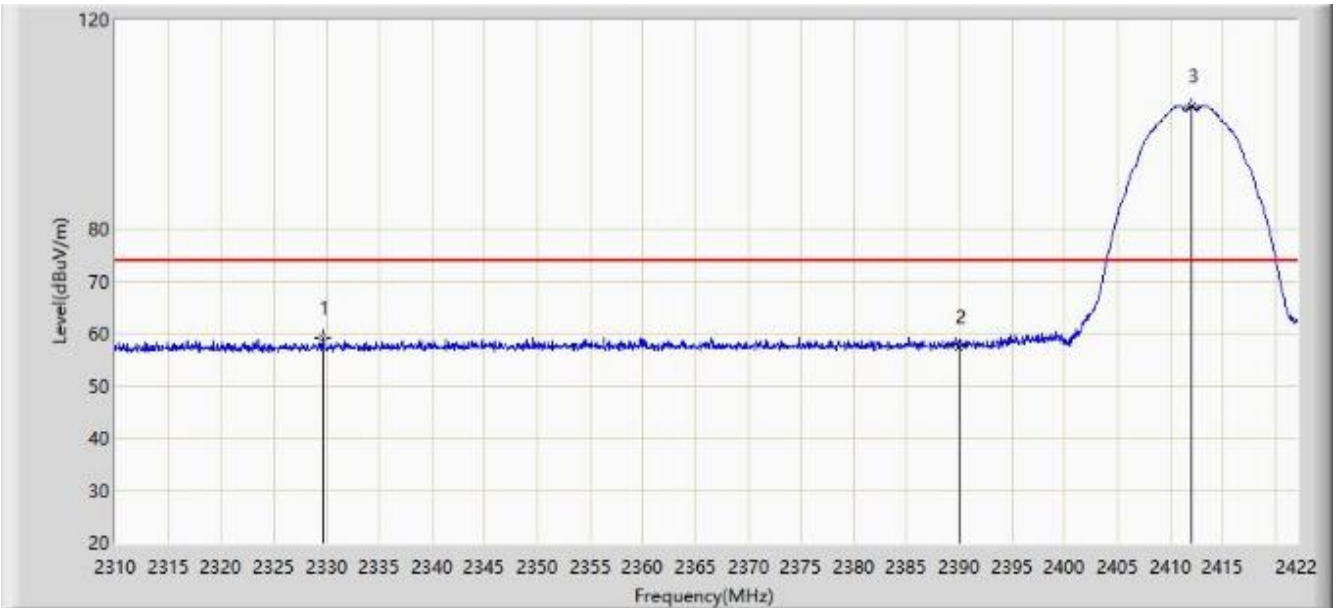


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.590	17.987	-4.410	54.000	31.603	AV
2	X	*	2410.688	108.701	77.087	N/A	N/A	31.614	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 0	

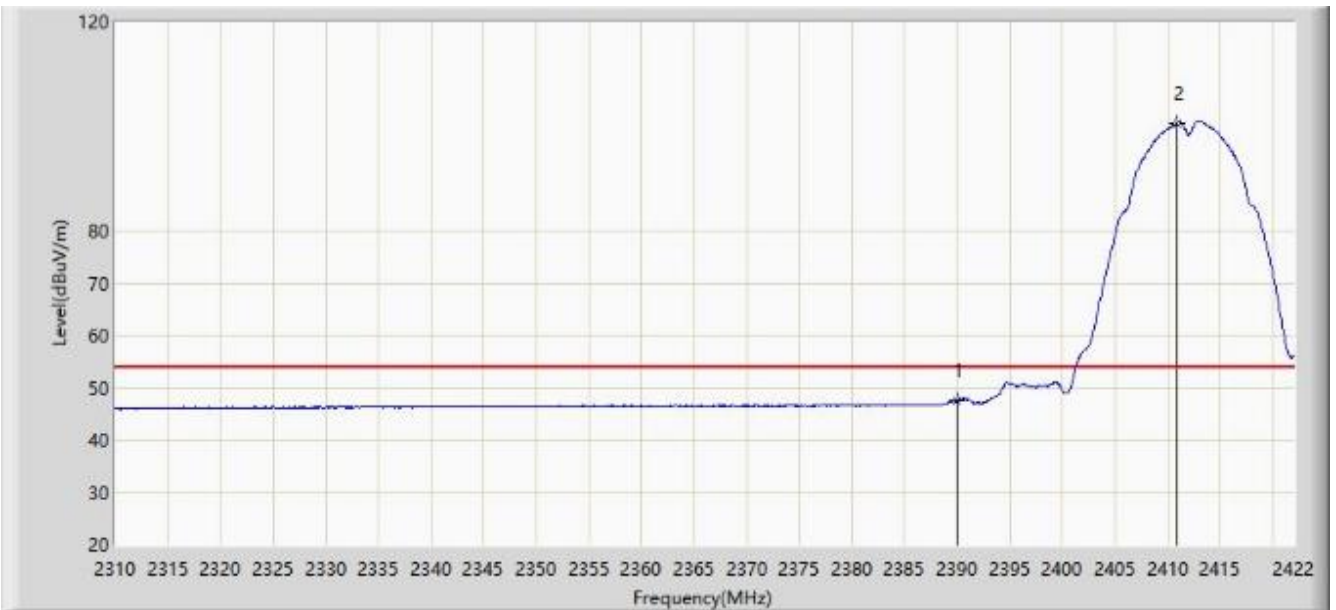


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2329.600	59.193	27.634	-14.807	74.000	31.559	PK
2			2390.000	57.503	25.900	-16.497	74.000	31.603	PK
3		*	2411.976	103.608	71.995	N/A	N/A	31.613	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 0	

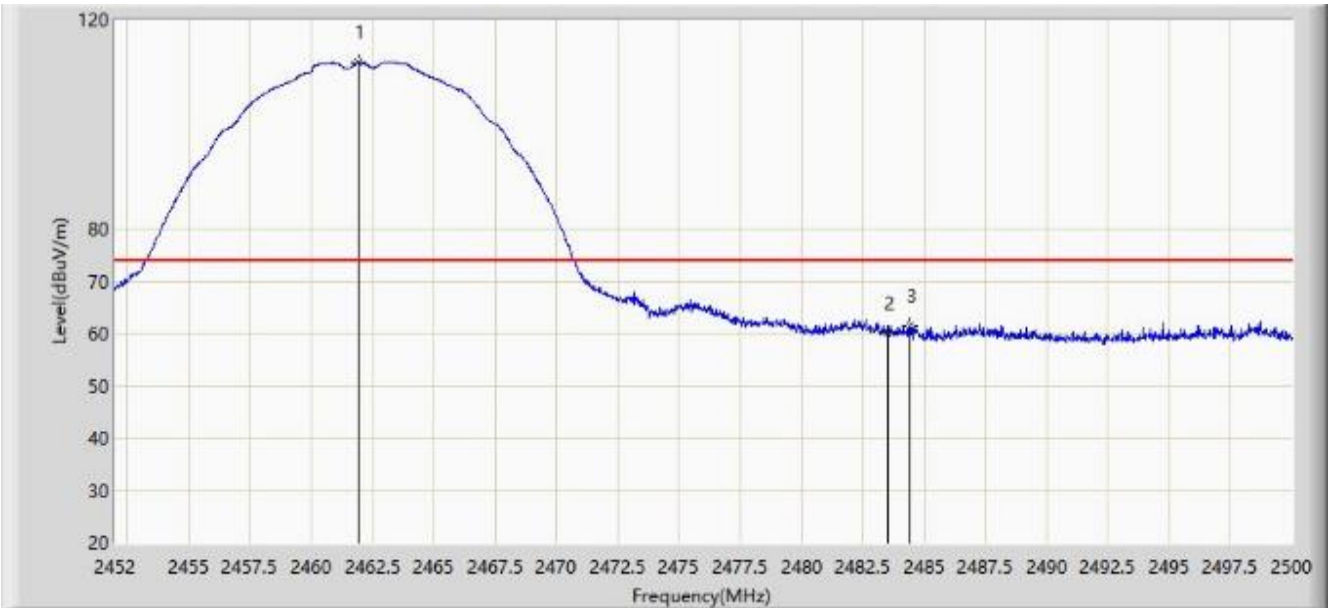


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.550	15.947	-6.450	54.000	31.603	AV
2		*	2410.912	100.627	69.013	N/A	N/A	31.614	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.912	111.785	80.134	N/A	N/A	31.651	PK
2			2483.500	60.087	28.425	-13.913	74.000	31.662	PK
3			2484.400	61.564	29.900	-12.436	74.000	31.664	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 0	



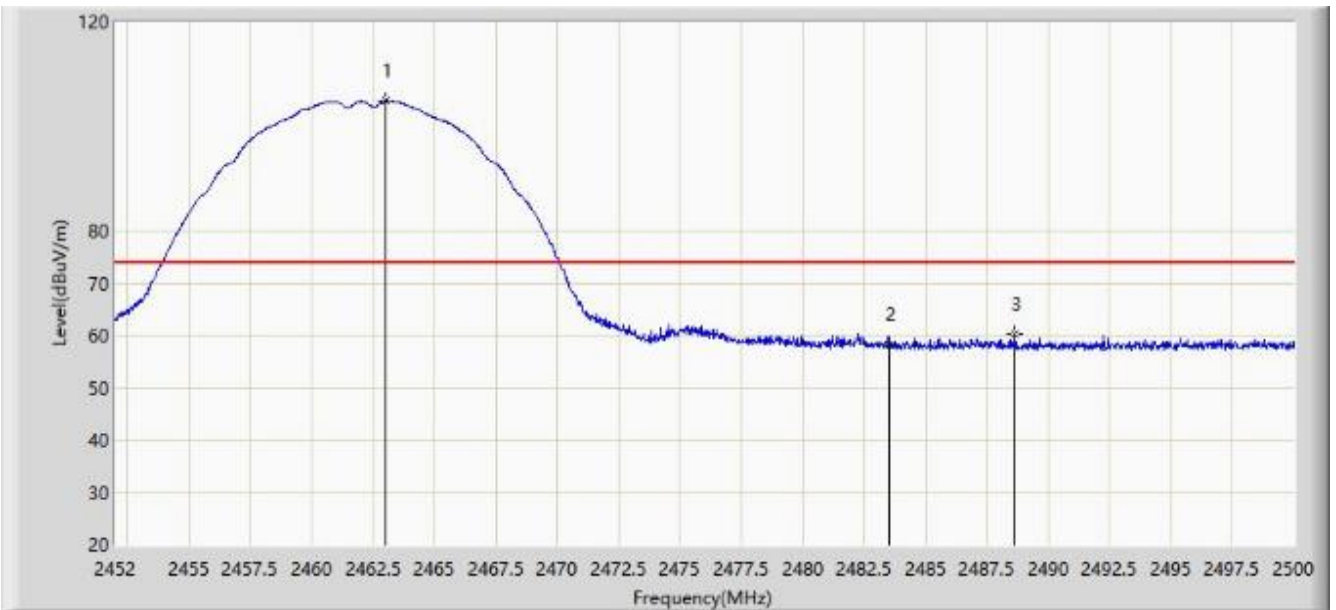
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2461.240	108.665	77.013	N/A	N/A	31.652	AV
2			2483.500	51.693	20.031	-2.307	54.000	31.662	AV
3			2498.488	52.506	20.825	-1.494	54.000	31.681	AV

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

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



Site: WZ-AC1	Time: 2021/05/28 - 01:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168_30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.992	104.962	73.311	N/A	N/A	31.651	PK
2			2483.500	58.212	26.550	-15.788	74.000	31.662	PK
3			2488.648	60.422	28.750	-13.578	74.000	31.672	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 0	

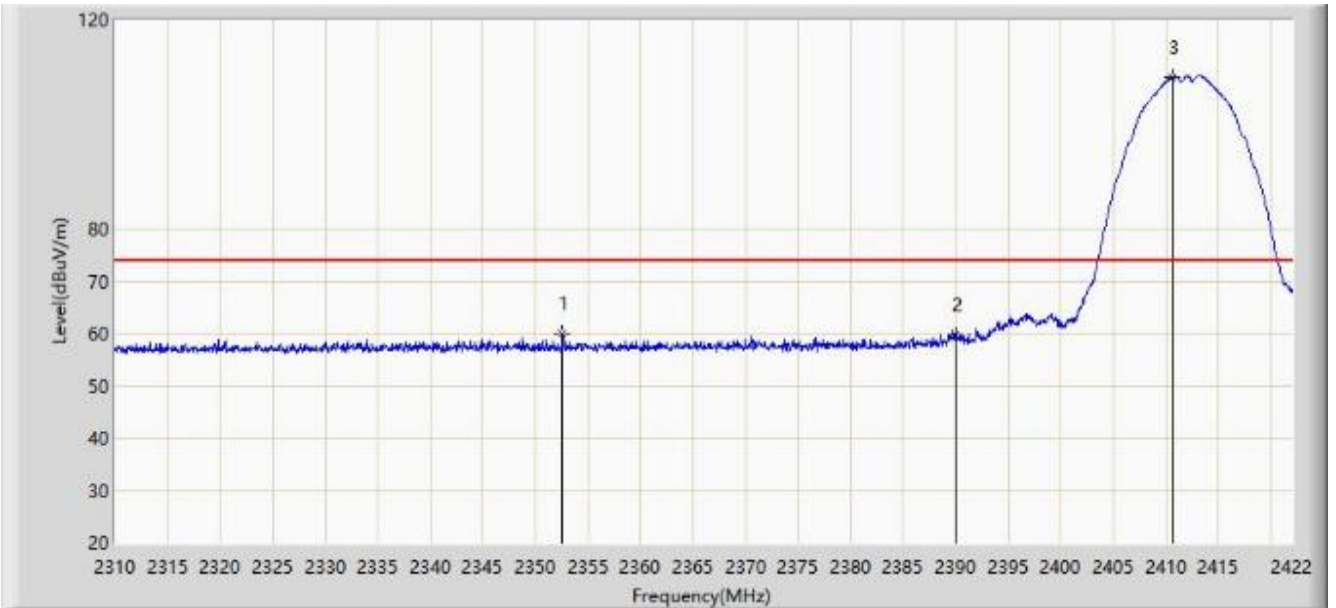


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.928	101.845	70.193	N/A	N/A	31.652	AV
2			2483.500	48.700	17.038	-5.300	54.000	31.662	AV
3			2487.424	48.774	17.104	-5.226	54.000	31.670	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 01:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 1	

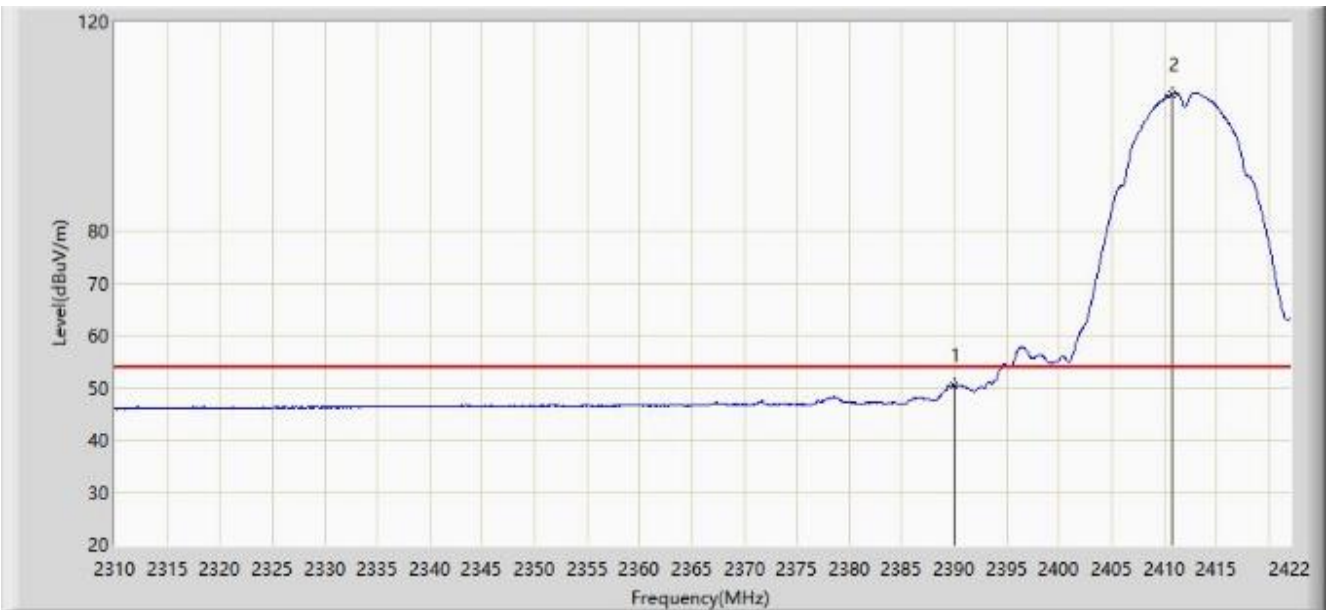


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2352.560	60.133	28.535	-13.867	74.000	31.598	PK
2			2390.000	59.680	28.077	-14.320	74.000	31.603	PK
3		*	2410.632	109.007	77.393	N/A	N/A	31.614	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 1	

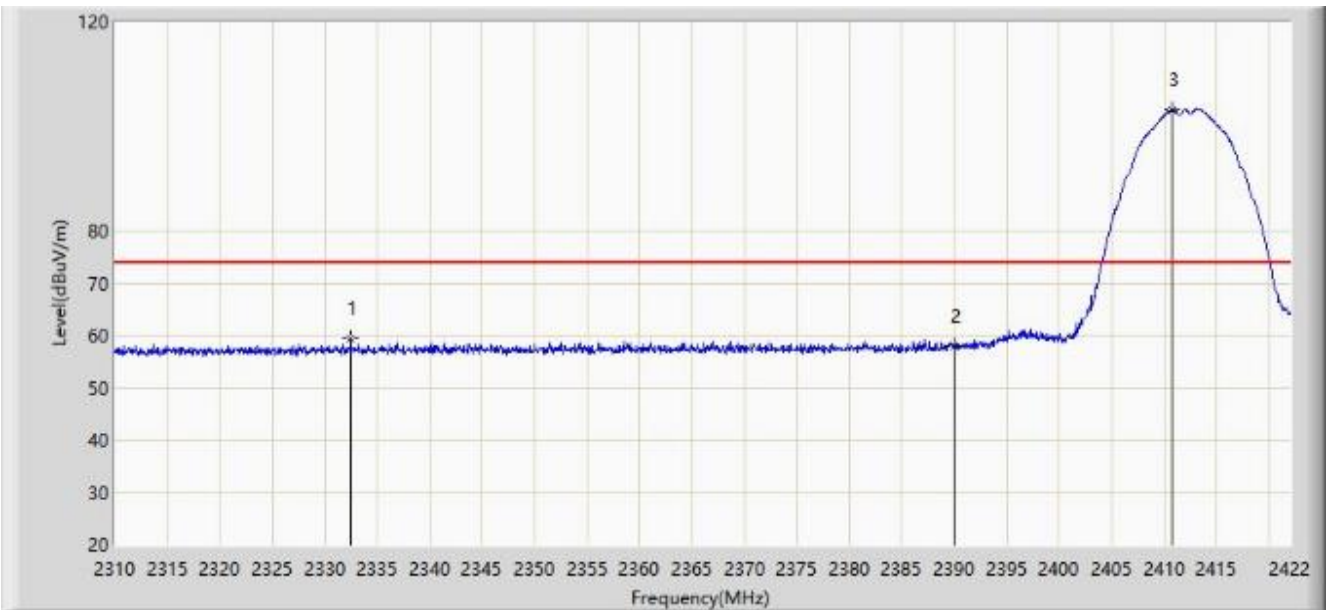


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.457	18.854	-3.543	54.000	31.603	AV
2		*	2410.800	106.185	74.571	N/A	N/A	31.614	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 02:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 1	

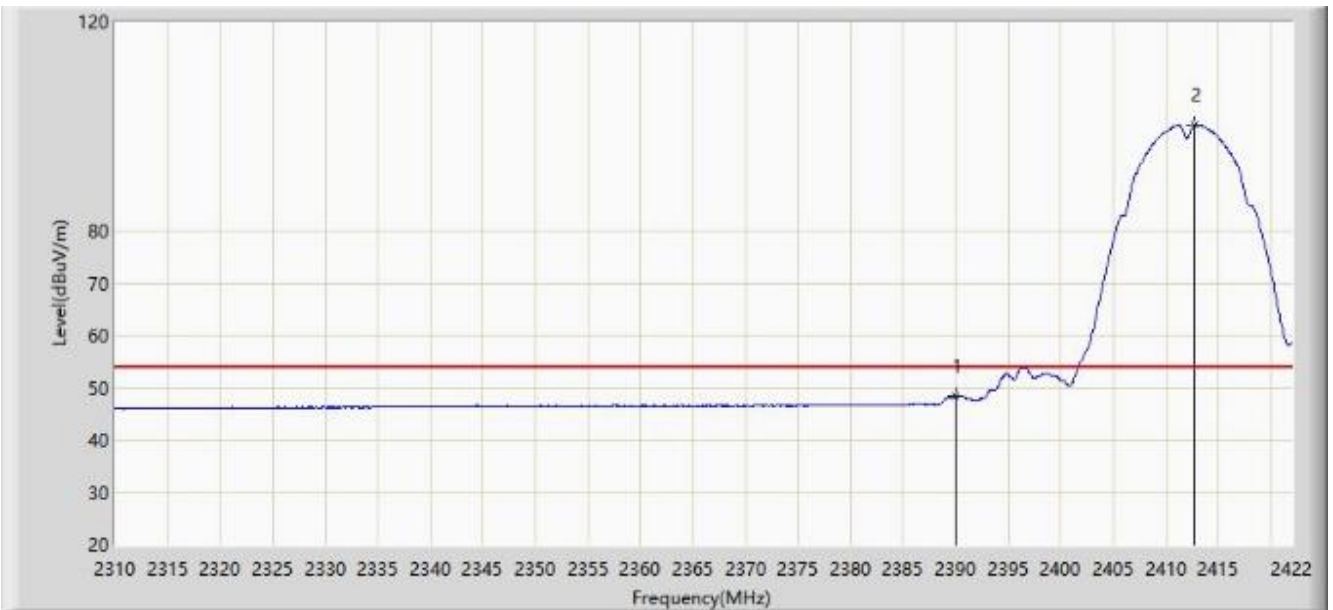


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2332.456	59.276	27.709	-14.724	74.000	31.567	PK
2			2390.000	57.952	26.349	-16.048	74.000	31.603	PK
3		*	2410.800	103.120	71.506	N/A	N/A	31.614	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 02:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz - Ant 1	

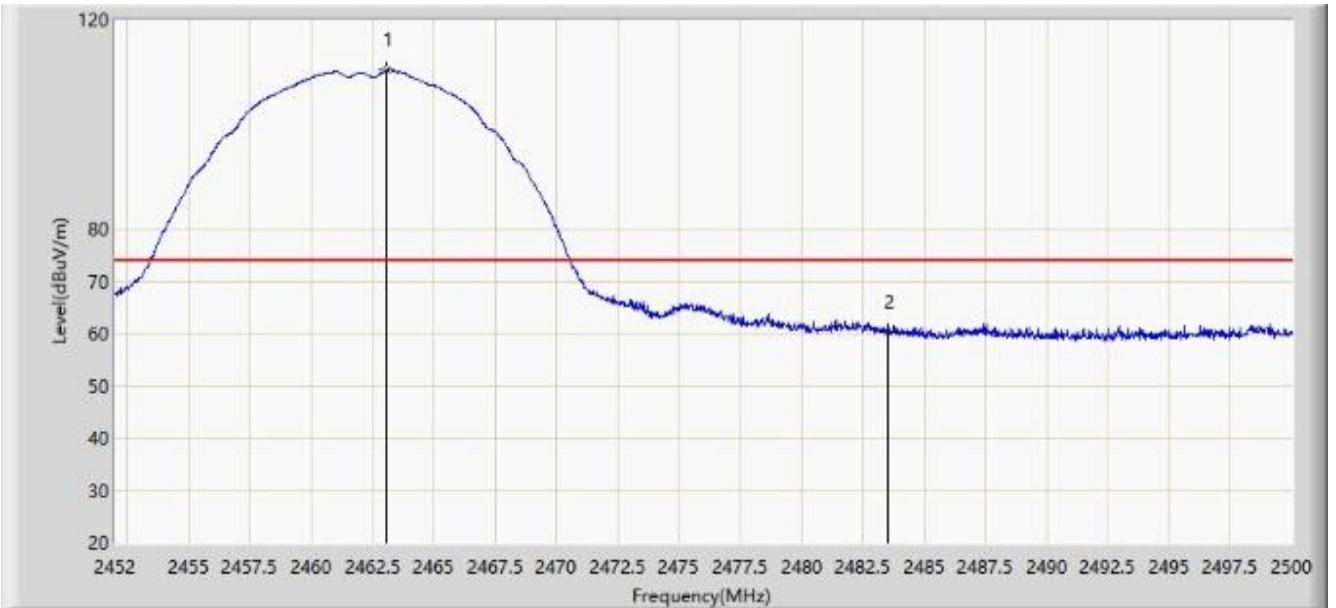


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.419	16.816	-5.581	54.000	31.603	AV
2		*	2412.760	100.311	68.699	N/A	N/A	31.612	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 16:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.064	110.304	78.653	N/A	N/A	31.651	PK
2			2483.500	60.336	28.674	-13.664	74.000	31.662	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 16:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 1	



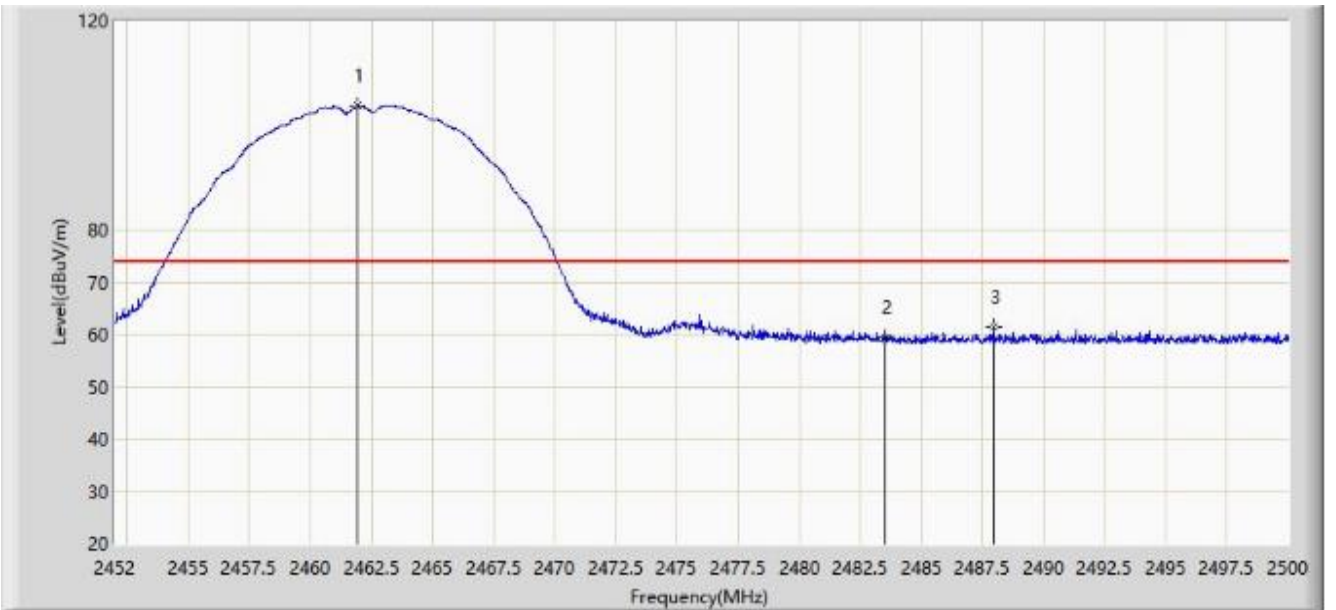
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.120	106.200	74.548	N/A	N/A	31.652	AV
2			2483.500	49.699	18.037	-4.301	54.000	31.662	AV

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

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



Site: WZ-AC1	Time: 2021/05/28 - 16:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.936	103.698	72.047	N/A	N/A	31.651	PK
2			2483.500	59.299	27.637	-14.701	74.000	31.662	PK
3			2487.952	61.443	29.772	-12.557	74.000	31.671	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 16:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz - Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	99.688	68.036	N/A	N/A	31.652	AV
2			2483.500	47.152	15.490	-6.848	54.000	31.662	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

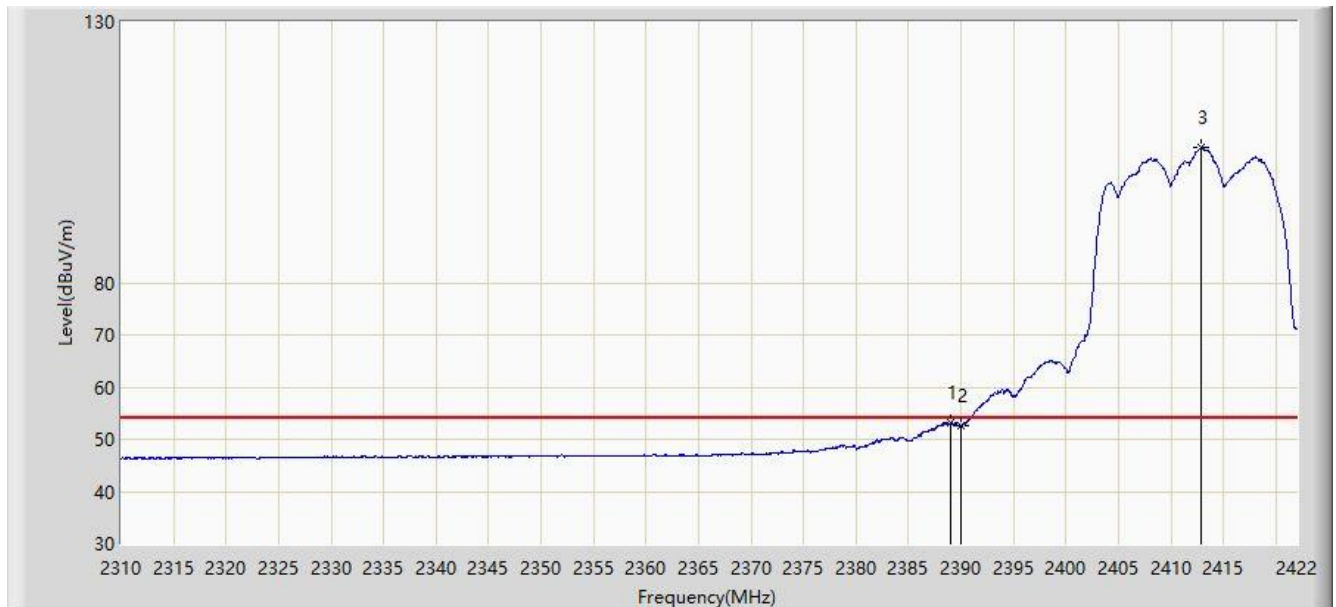


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	71.241	39.638	-2.759	74.000	31.603	PK
2		*	2414.328	114.013	82.403	N/A	N/A	31.610	PK

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

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

Site: WZ-AC1	Time: 2021/06/24 - 19:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Note: Transmit by 802.11g at Channel 2412MHz	

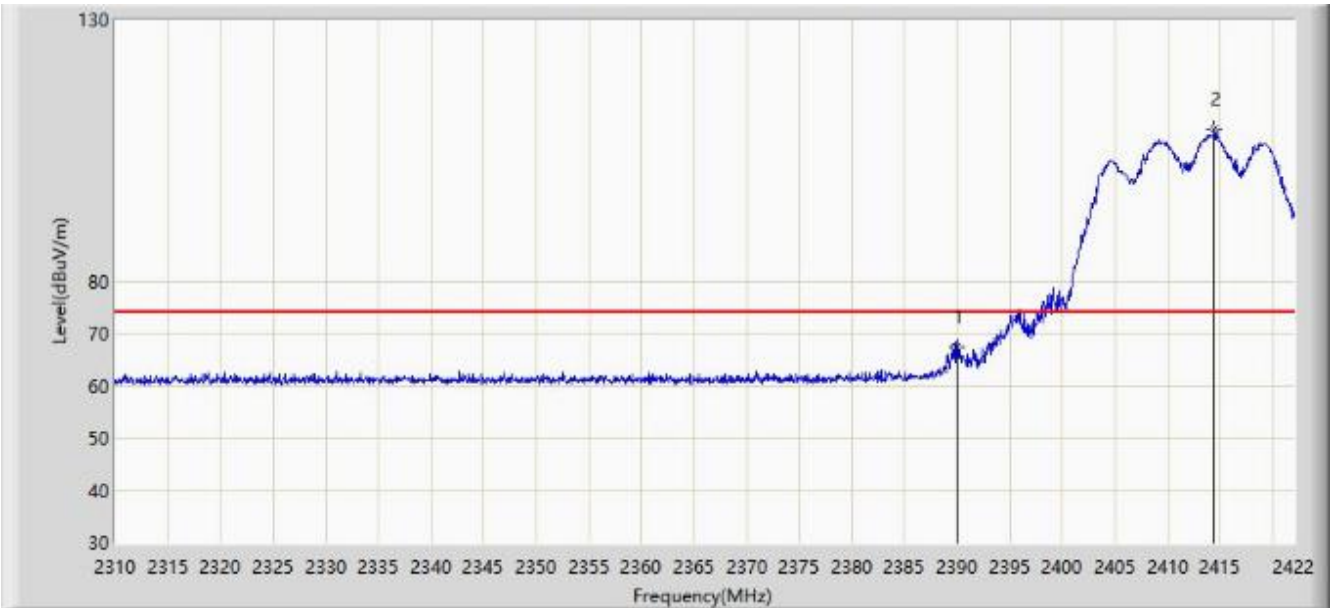


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	53.100	22.066	-0.900	54.000	31.034	AV
2			2390.000	52.493	21.460	-1.507	54.000	31.034	AV
3		*	2412.872	105.940	74.992	N/A	N/A	30.948	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

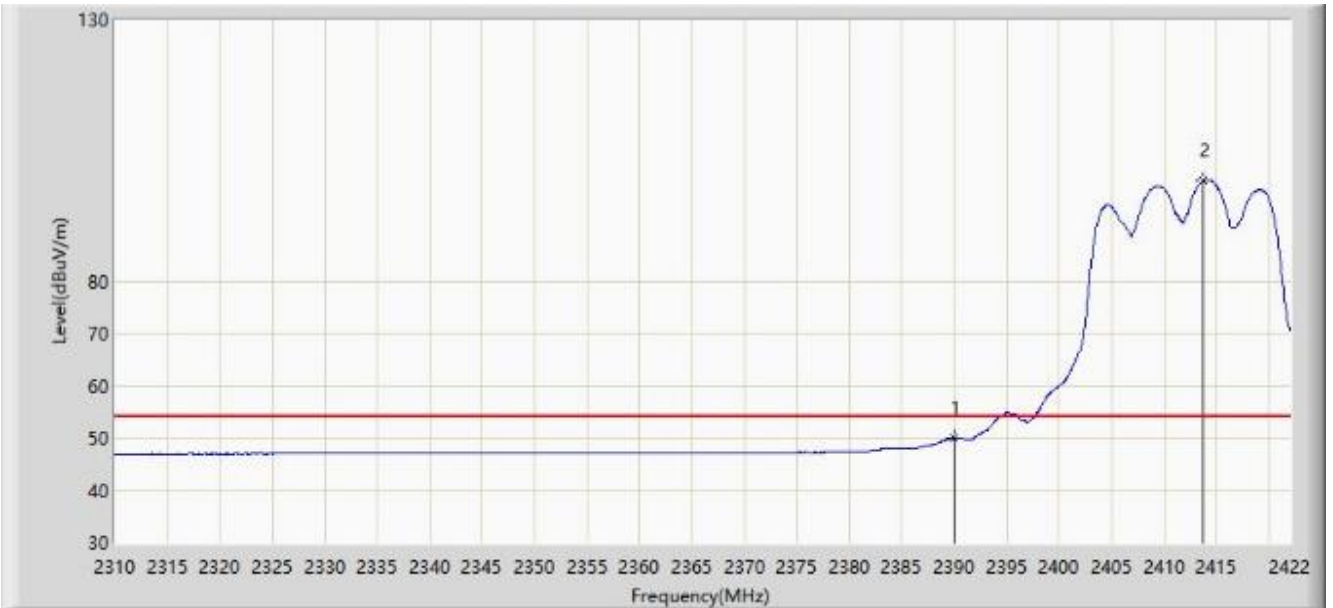


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	67.309	35.706	-6.691	74.000	31.603	PK
2		*	2414.440	109.247	77.637	N/A	N/A	31.610	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 17:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.915	18.312	-4.085	54.000	31.603	AV
2		*	2413.712	99.150	67.539	N/A	N/A	31.611	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 17:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

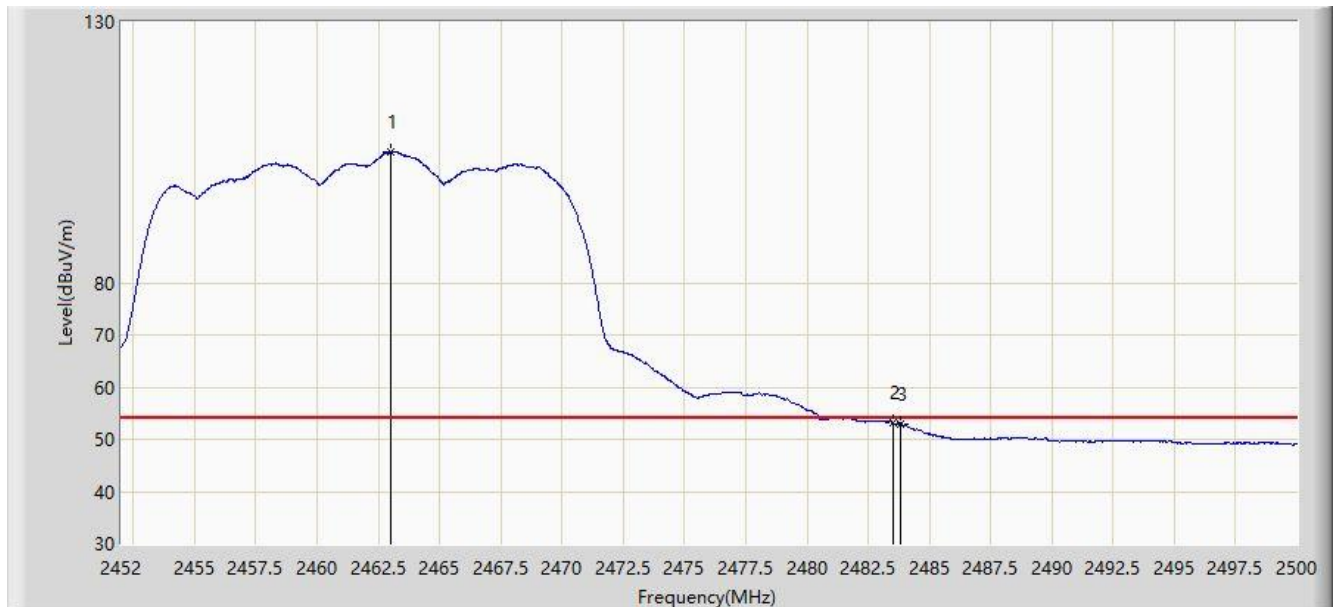


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.384	112.488	80.836	N/A	N/A	31.652	PK
2			2483.500	69.371	37.709	-4.629	74.000	31.662	PK

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

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

Site: WZ-AC1	Time: 2021/06/24 - 19:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Note: Transmit by 802.11g at Channel 2462MHz	



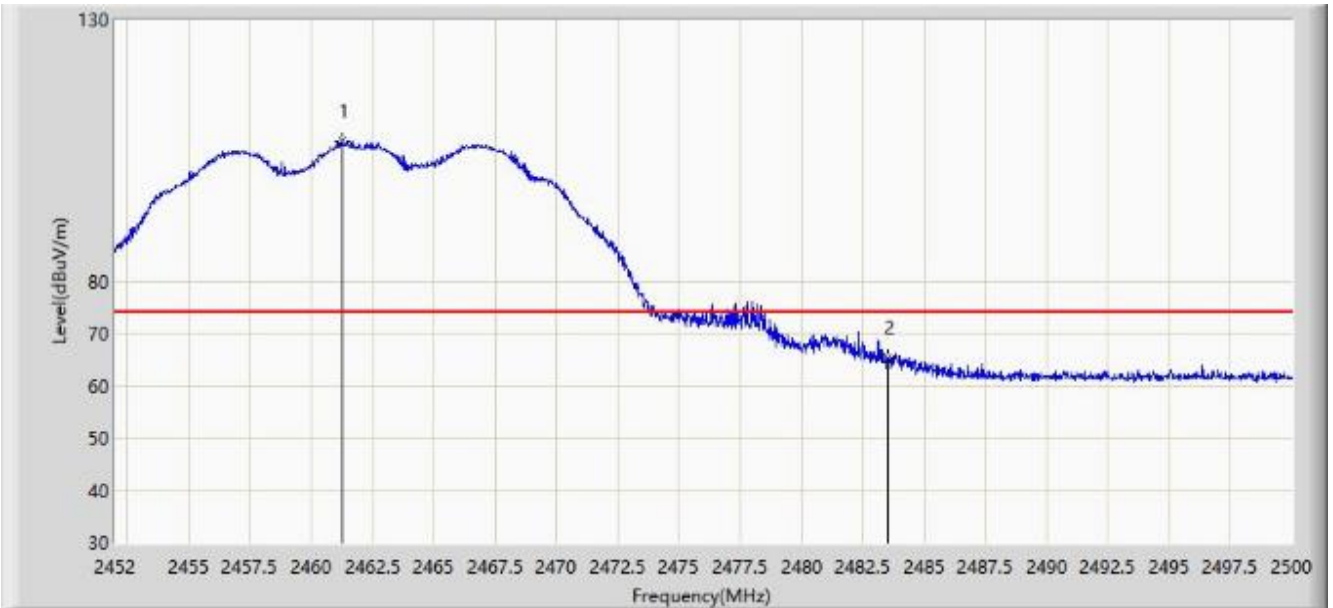
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.016	105.050	74.172	N/A	N/A	30.879	AV
2			2483.500	53.072	22.184	-0.928	54.000	30.888	AV
3			2483.800	53.025	22.136	-0.975	54.000	30.889	AV

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

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



Site: WZ-AC1	Time: 2021/05/28 - 17:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

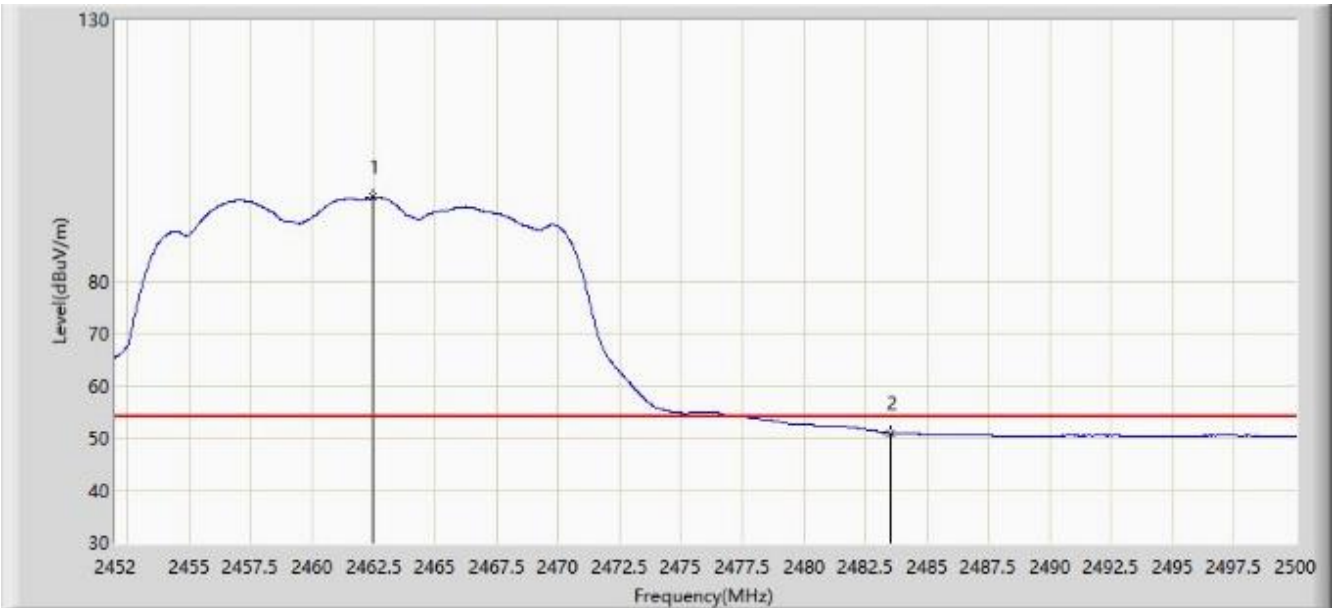


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	106.793	75.141	N/A	N/A	31.652	PK
2			2483.500	65.451	33.789	-8.549	74.000	31.662	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168_30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

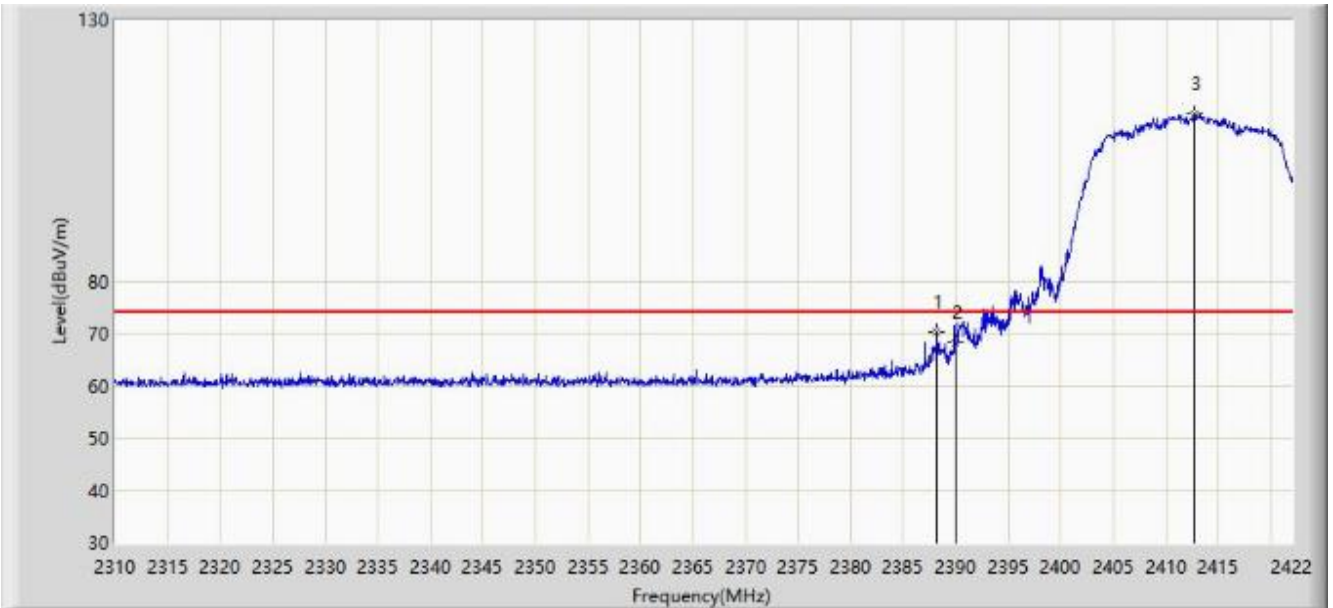


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.464	96.002	64.351	N/A	N/A	31.651	AV
2			2483.500	51.004	19.342	-2.996	54.000	31.662	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

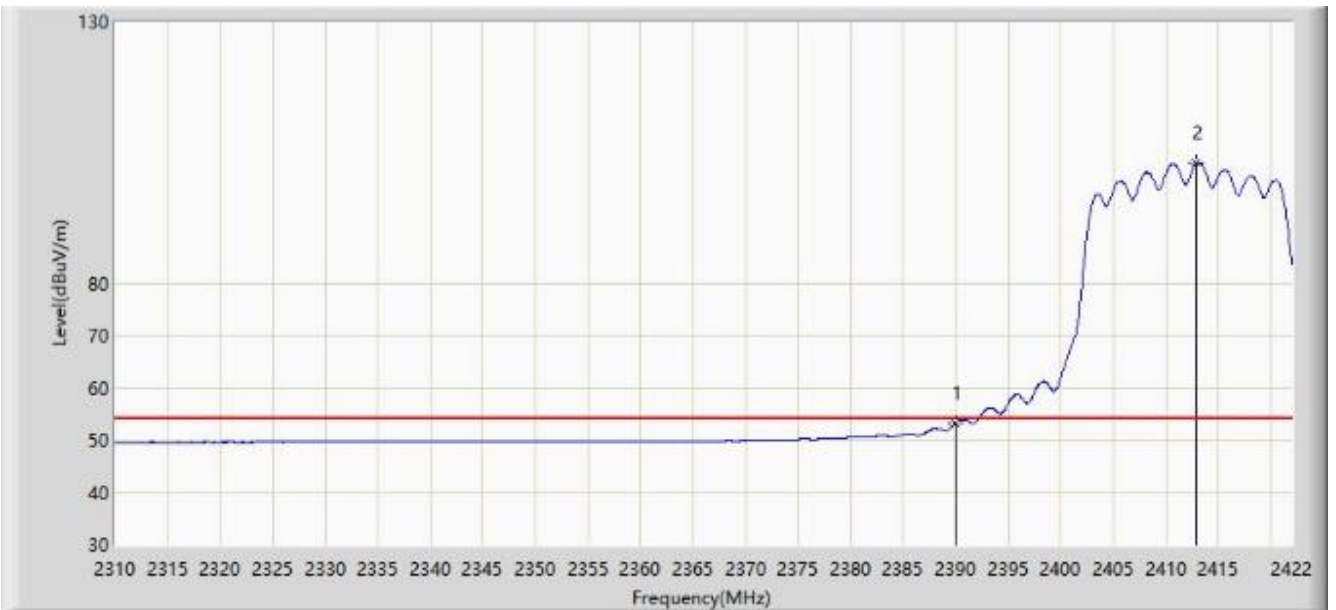


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.232	70.240	38.641	-3.760	74.000	31.599	PK
2			2390.000	68.221	36.618	-5.779	74.000	31.603	PK
3		*	2412.760	112.152	80.540	N/A	N/A	31.612	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

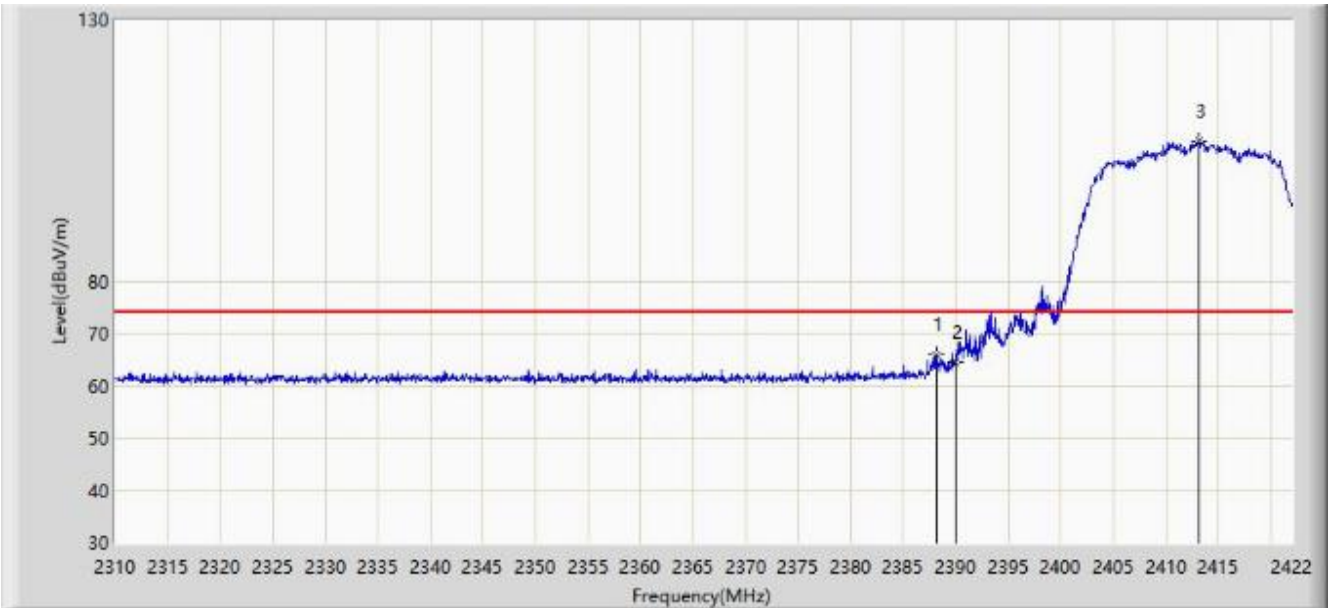


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.232	21.629	-0.768	54.000	31.603	AV
2		*	2412.928	102.907	71.295	N/A	N/A	31.612	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

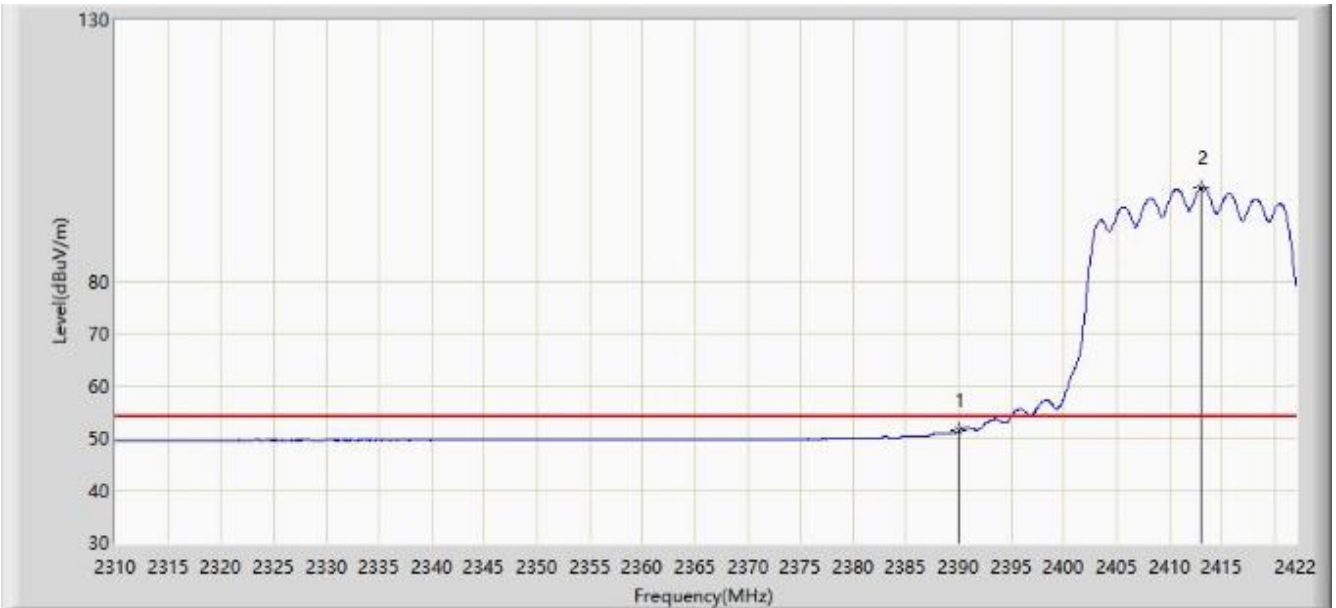


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.120	65.814	34.215	-8.186	74.000	31.599	PK
2			2390.000	64.451	32.848	-9.549	74.000	31.603	PK
3		*	2413.208	106.874	75.262	N/A	N/A	31.612	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

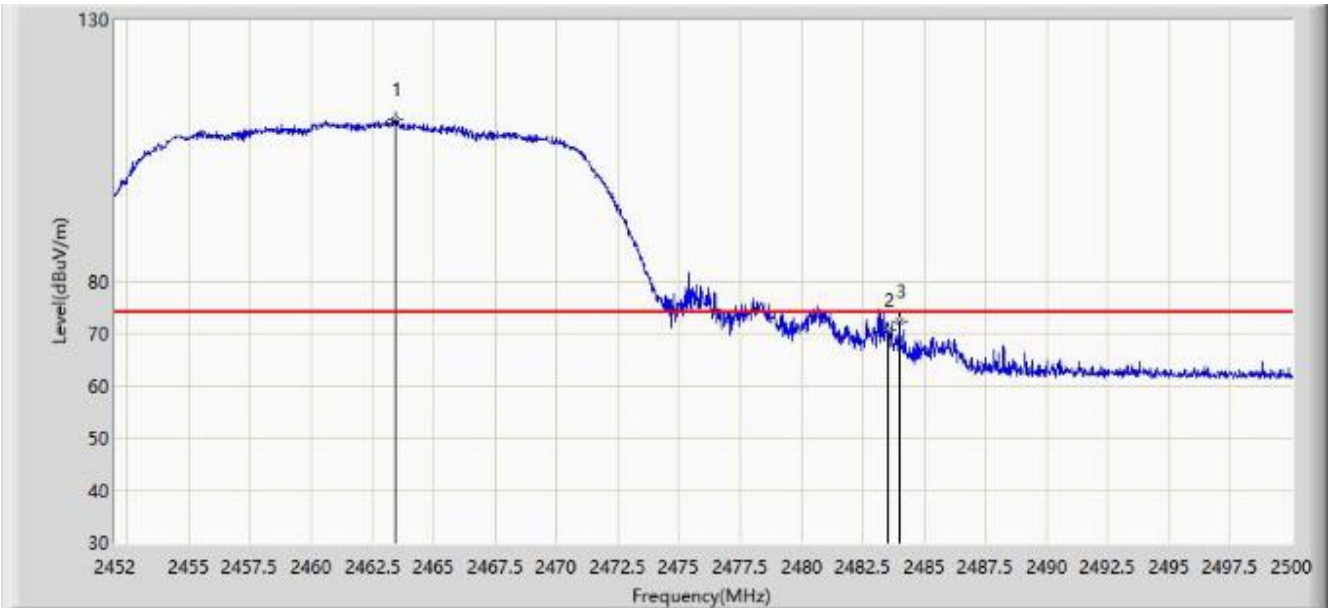


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.404	19.801	-2.596	54.000	31.603	AV
2		*	2413.040	97.866	66.254	N/A	N/A	31.612	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.424	110.992	79.342	N/A	N/A	31.650	PK
2			2483.500	70.604	38.942	-3.396	74.000	31.662	PK
3			2484.016	72.231	40.568	-1.769	74.000	31.663	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	



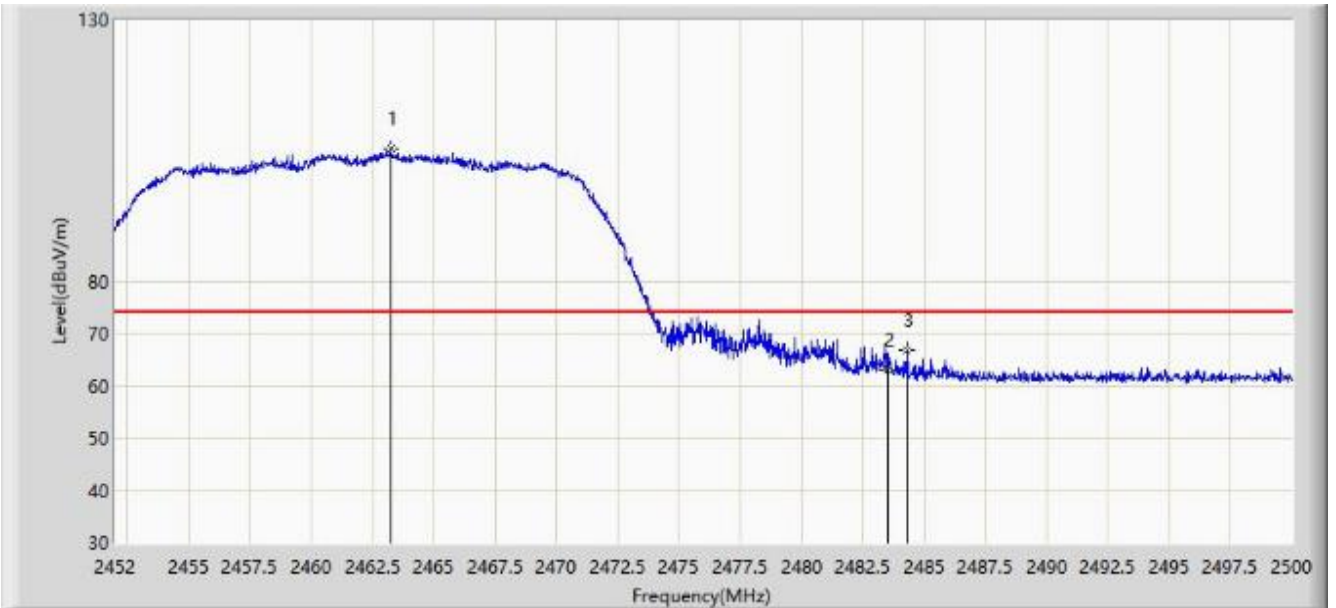
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.568	101.276	69.624	N/A	N/A	31.652	AV
2			2483.500	53.220	21.558	-0.780	54.000	31.662	AV

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

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



Site: WZ-AC1	Time: 2021/05/28 - 18:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

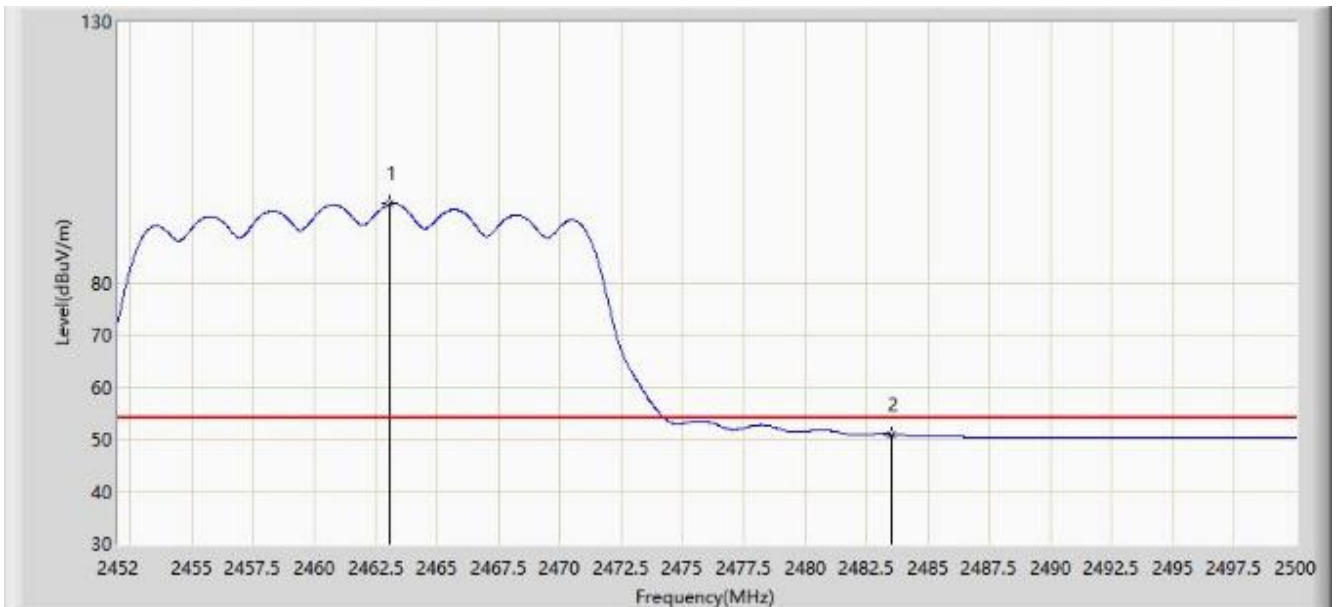


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.256	105.269	73.618	N/A	N/A	31.651	PK
2			2483.500	62.912	31.250	-11.088	74.000	31.662	PK
3			2484.280	66.738	35.074	-7.262	74.000	31.664	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 18:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

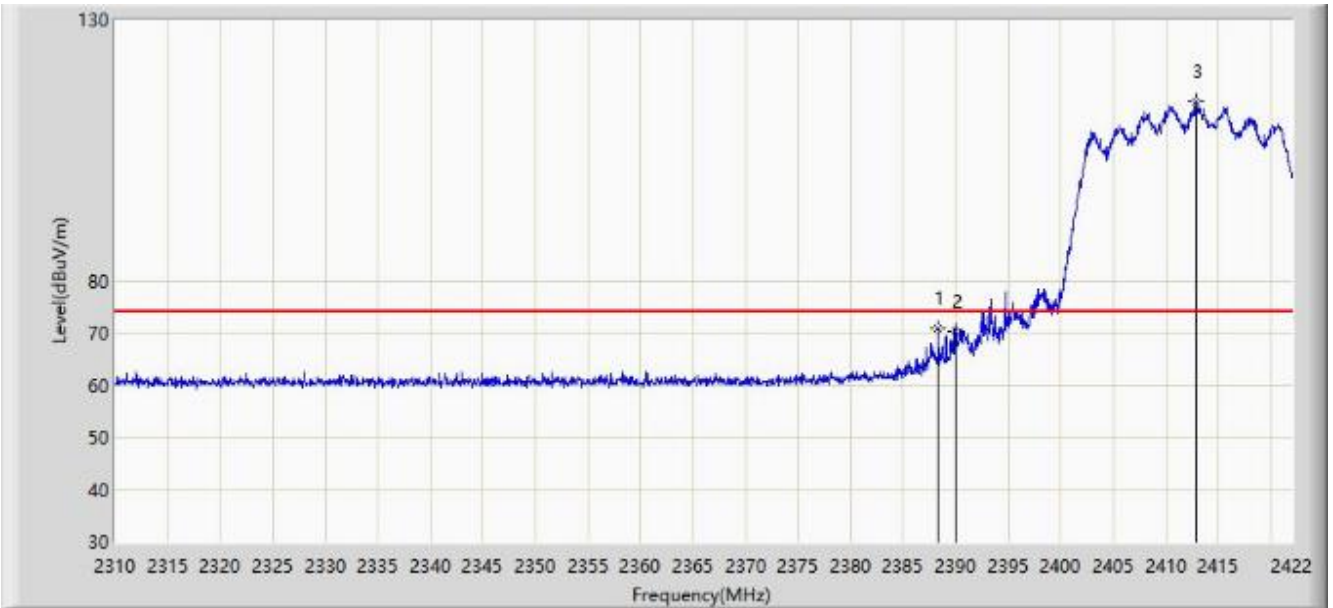


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.064	95.094	63.443	N/A	N/A	31.651	AV
2			2483.500	50.976	19.314	-3.024	54.000	31.662	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168_30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

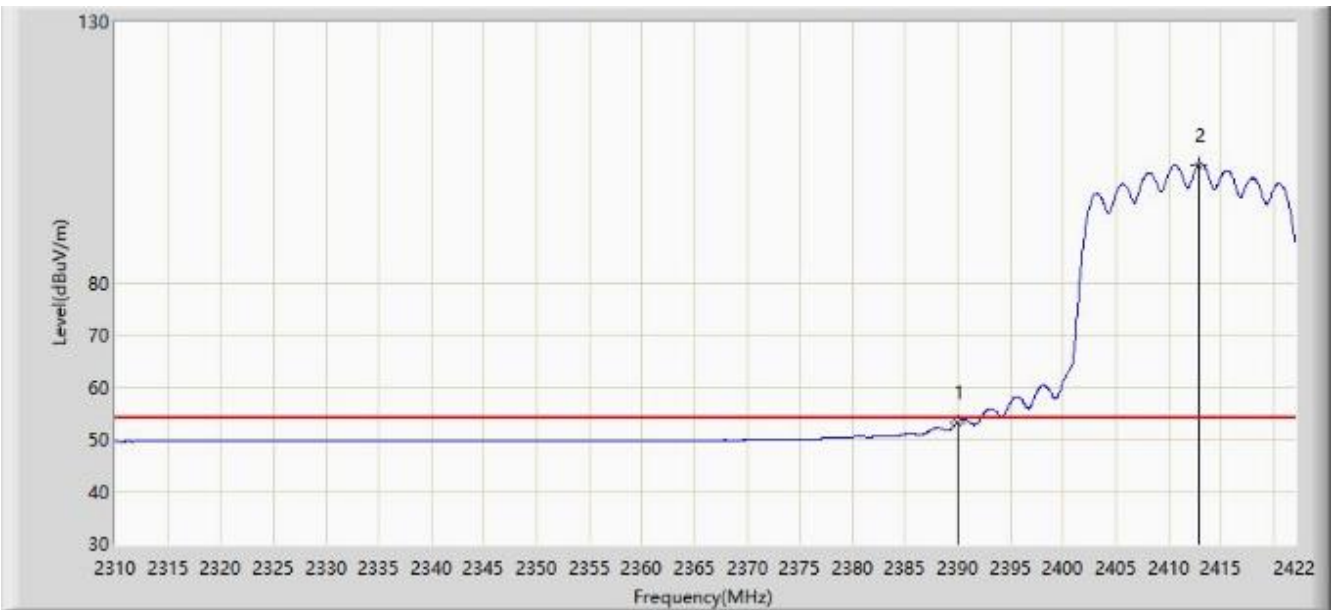


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.344	70.768	39.168	-3.232	74.000	31.600	PK
2			2390.000	70.257	38.654	-3.743	74.000	31.603	PK
3		*	2412.816	114.393	82.781	N/A	N/A	31.612	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

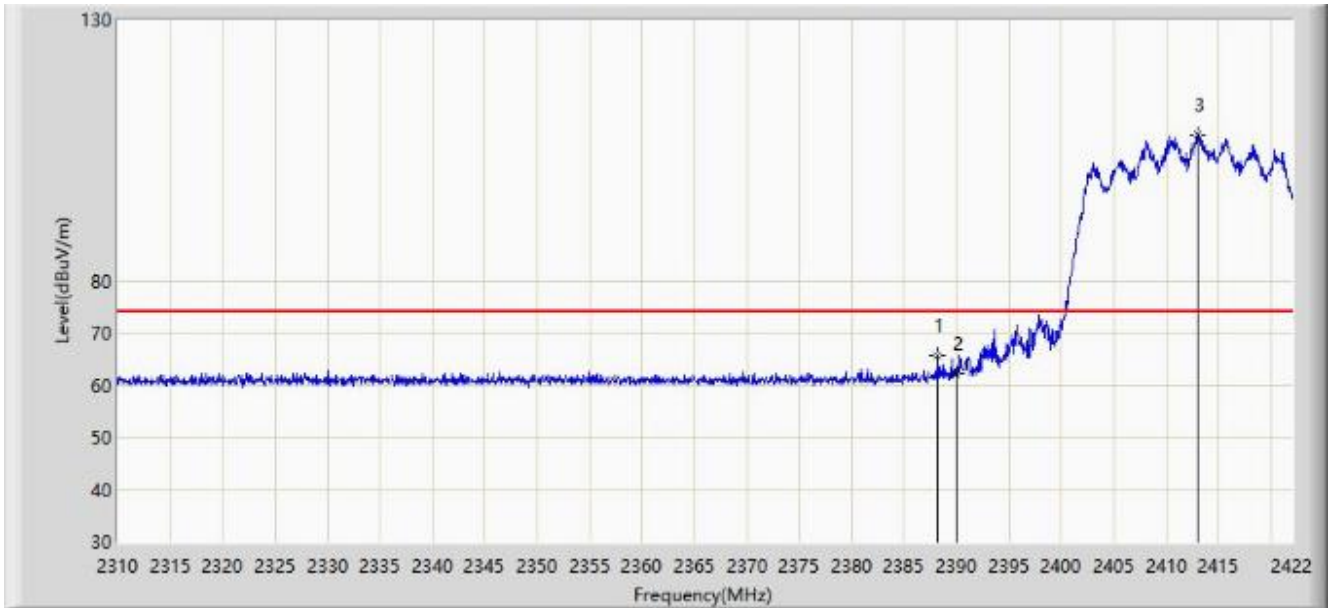


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.193	21.590	-0.807	54.000	31.603	AV
2		*	2412.872	102.584	70.972	N/A	N/A	31.612	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168_30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

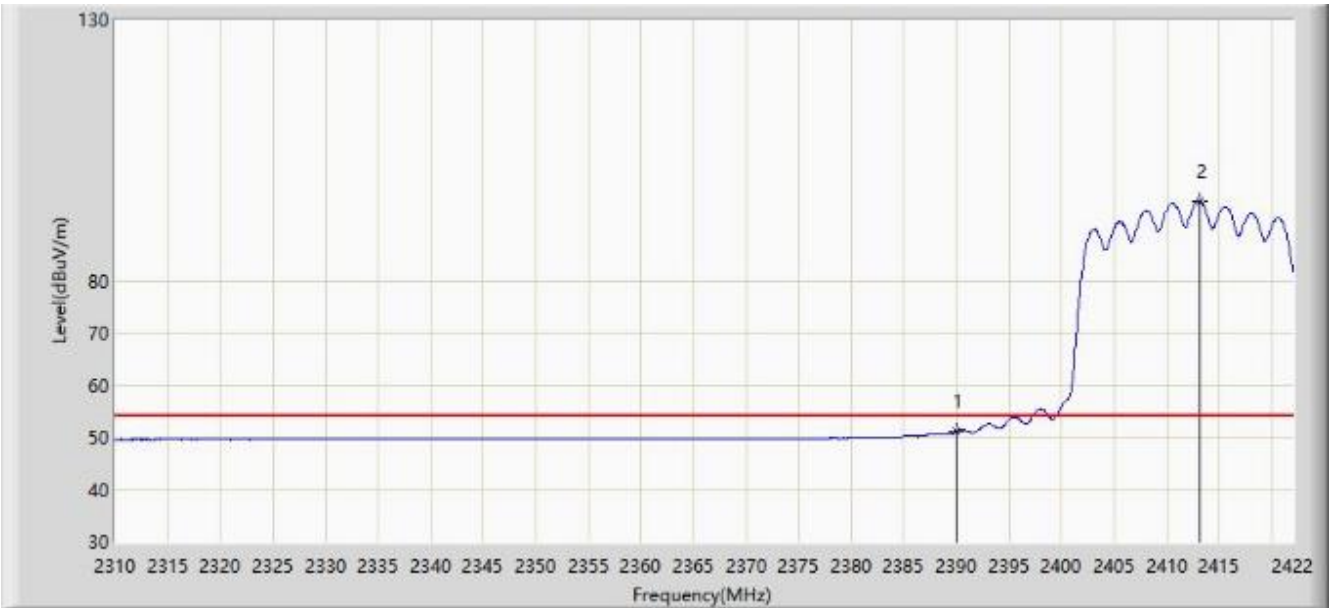


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.232	65.569	33.970	-8.431	74.000	31.599	PK
2			2390.000	62.271	30.668	-11.729	74.000	31.603	PK
3		*	2412.984	107.934	76.322	N/A	N/A	31.612	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

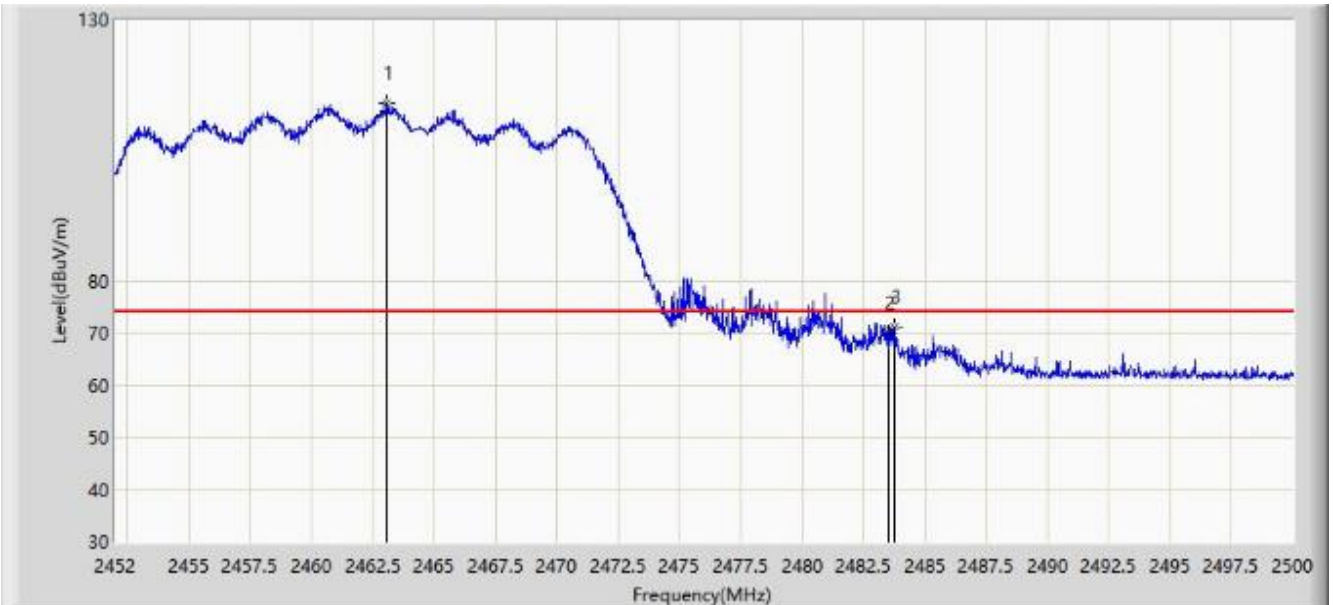


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.154	19.551	-2.846	54.000	31.603	AV
2		*	2413.208	95.206	63.594	N/A	N/A	31.612	AV

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168_30-1000MHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

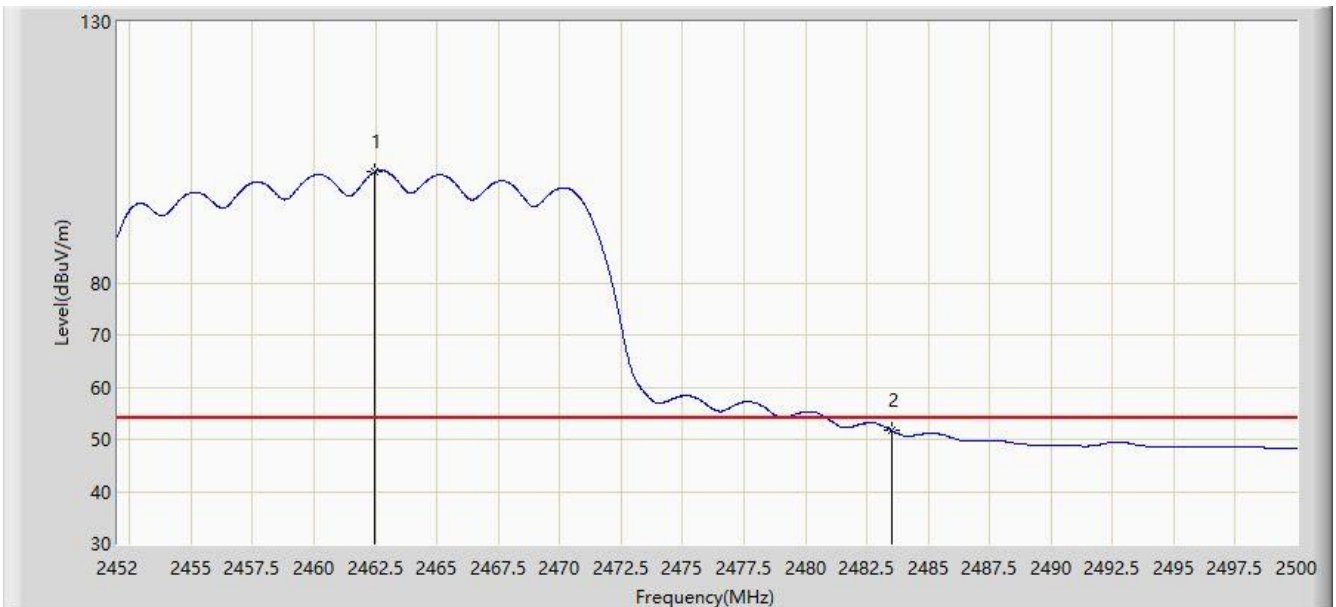


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.088	114.185	82.534	N/A	N/A	31.651	PK
2			2483.500	70.038	38.376	-3.962	74.000	31.662	PK
3			2483.776	71.101	39.438	-2.899	74.000	31.663	PK

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

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

Site: WZ-AC1	Time: 2021/06/24 - 20:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Note: Transmit by 802.11ax-HE20 at Channel 2462MHz	



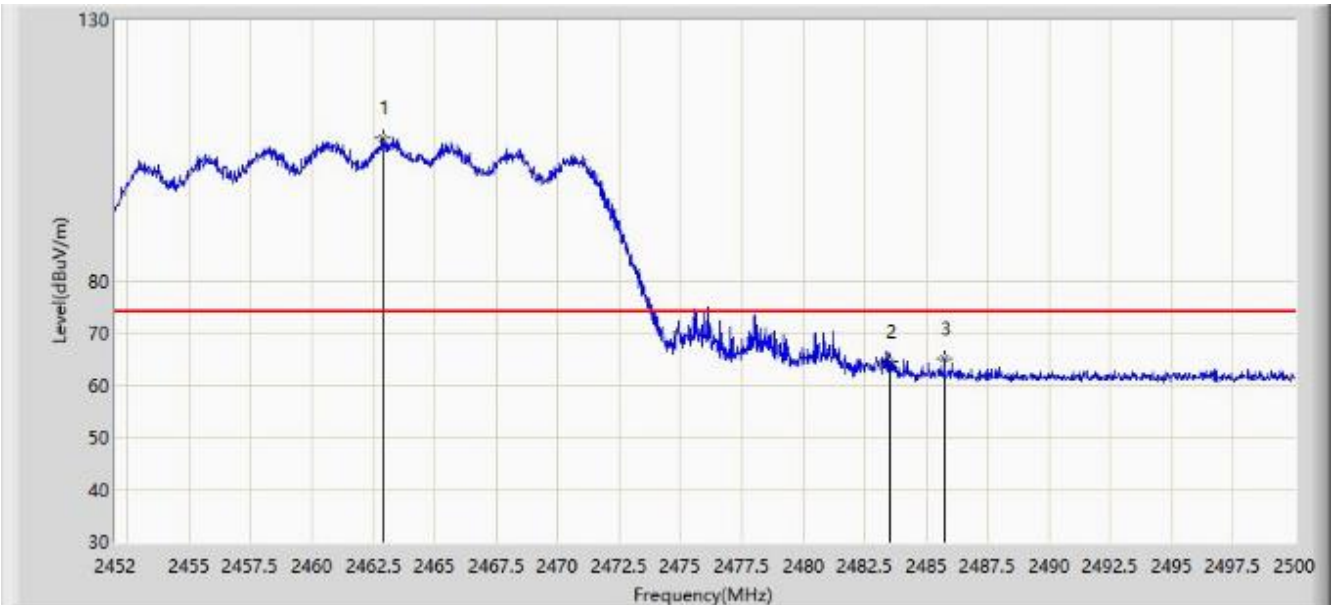
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.488	101.302	70.423	N/A	N/A	30.879	AV
2			2483.500	51.715	20.827	-2.285	54.000	30.888	AV

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

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



Site: WZ-AC1	Time: 2021/05/28 - 19:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

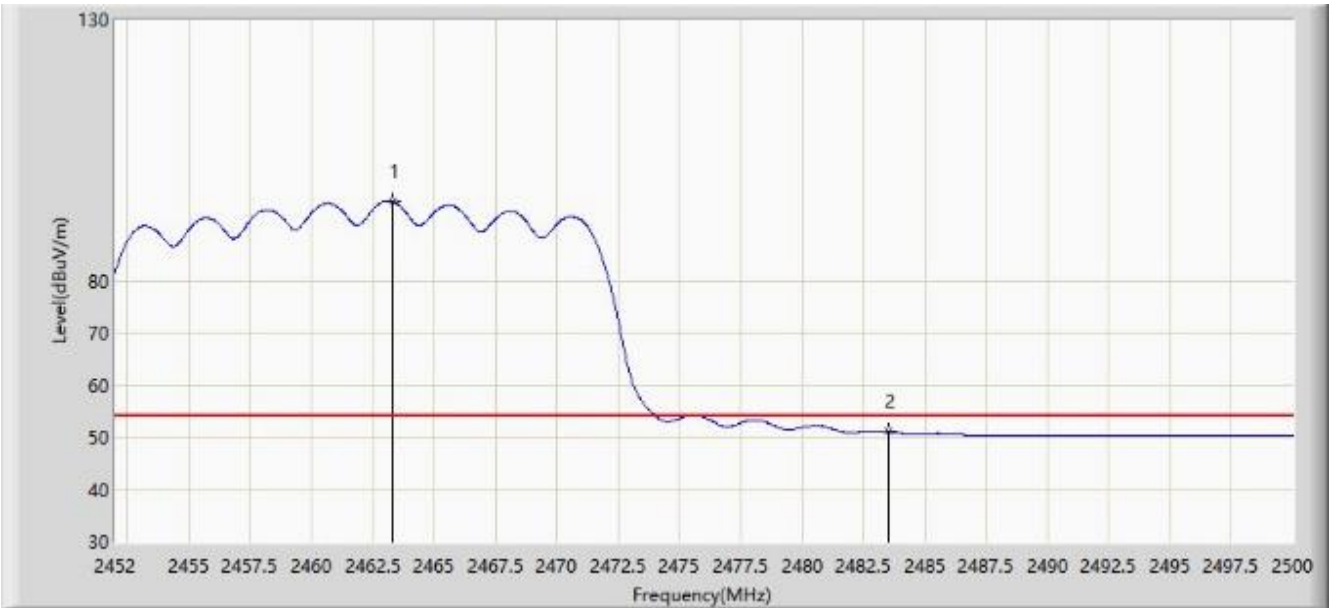


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.872	107.536	75.885	N/A	N/A	31.651	PK
2			2483.500	64.531	32.869	-9.469	74.000	31.662	PK
3			2485.744	65.012	33.346	-8.988	74.000	31.666	PK

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

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

Site: WZ-AC1	Time: 2021/05/28 - 19:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Tommy Tang
Probe: WZ-AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.328	95.168	63.518	N/A	N/A	31.650	AV
2			2483.500	51.135	19.473	-2.865	54.000	31.662	AV

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

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

## 6.8. AC Conducted Emissions Measurement

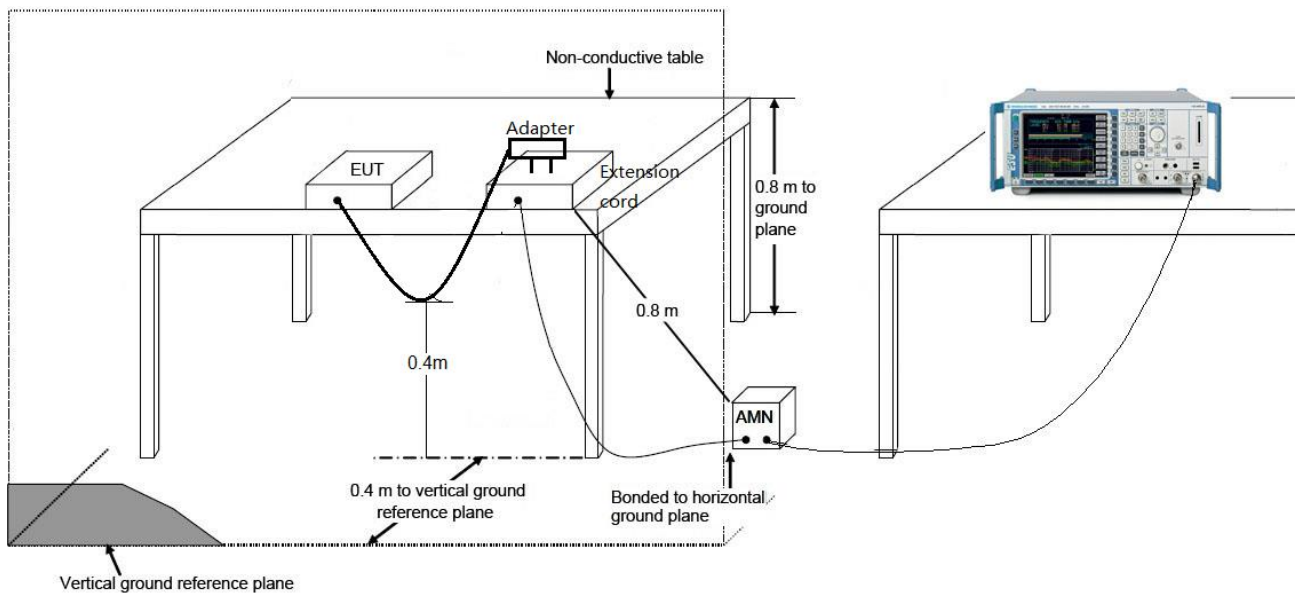
### 6.8.1. Test Limit

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

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

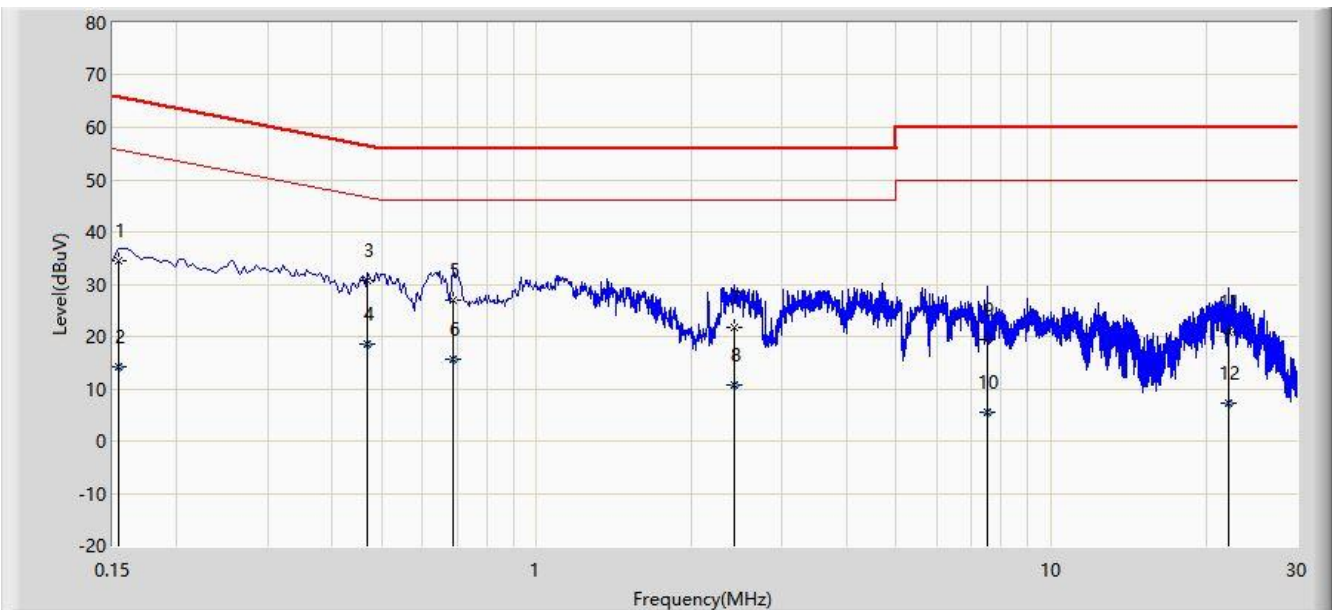
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

### 6.8.2. Test Setup



### 6.8.3. Test Result

Site: WZ-SR2	Time: 2021/06/15 - 10:10
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter Off_With Adapter	Polarity: Line
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz – Ant 0	

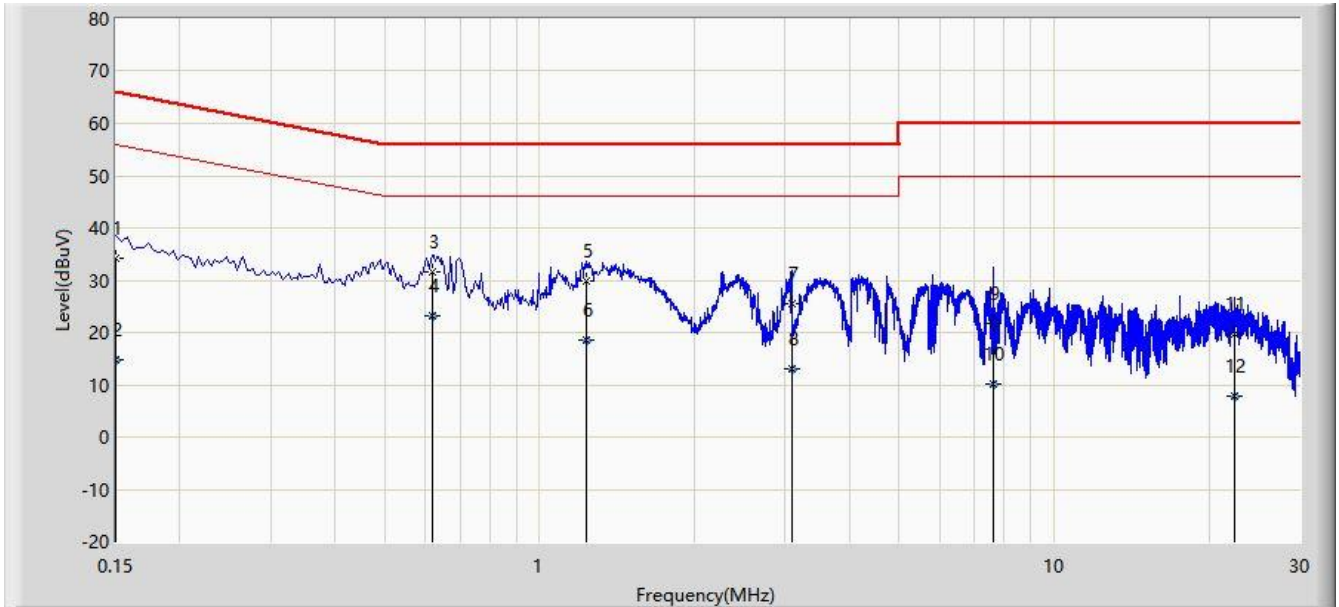


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	34.483	24.852	-31.299	65.781	9.631	QP
2			0.154	14.109	4.478	-41.673	55.781	9.631	AV
3		*	0.470	30.634	20.967	-25.880	56.514	9.667	QP
4			0.470	18.609	8.942	-27.905	46.514	9.667	AV
5			0.690	27.023	17.336	-28.977	56.000	9.687	QP
6			0.690	15.557	5.870	-30.443	46.000	9.687	AV
7			2.414	21.862	12.079	-34.138	56.000	9.783	QP
8			2.414	10.608	0.825	-35.392	46.000	9.783	AV
9			7.534	19.368	9.001	-40.632	60.000	10.367	QP
10			7.534	5.540	-4.827	-44.460	50.000	10.367	AV
11			22.070	20.943	10.180	-39.057	60.000	10.763	QP
12			22.070	7.226	-3.536	-42.774	50.000	10.763	AV

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

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

Site: WZ-SR2	Time: 2021/06/15 - 10:05
Limit: FCC_Part15.207_CE_AC Power	Engineer: Antony Yang
Probe: ENV216_101683_Filter Off_With Adapter	Polarity: Neutral
EUT: WIFI+BT Combo Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz – Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	34.087	24.457	-31.913	66.000	9.630	QP
2			0.150	14.746	5.115	-41.254	56.000	9.630	AV
3			0.618	31.565	21.880	-24.435	56.000	9.685	QP
4		*	0.618	23.151	13.466	-22.849	46.000	9.685	AV
5			1.234	29.725	20.015	-26.275	56.000	9.710	QP
6			1.234	18.496	8.786	-27.504	46.000	9.710	AV
7			3.086	25.418	15.513	-30.582	56.000	9.906	QP
8			3.086	13.175	3.270	-32.825	46.000	9.906	AV
9			7.618	21.769	11.387	-38.231	60.000	10.383	QP
10			7.618	10.228	-0.155	-39.772	50.000	10.383	AV
11			22.442	19.784	8.962	-40.216	60.000	10.822	QP
12			22.442	7.876	-2.946	-42.124	50.000	10.822	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 and ISED rules.

————— The End —————

## **Appendix A - Test Setup Photograph**

Refer to "2104RSU079-UT" file.

## **Appendix B - EUT Photograph**

Refer to "2104RSU079-UE" file.