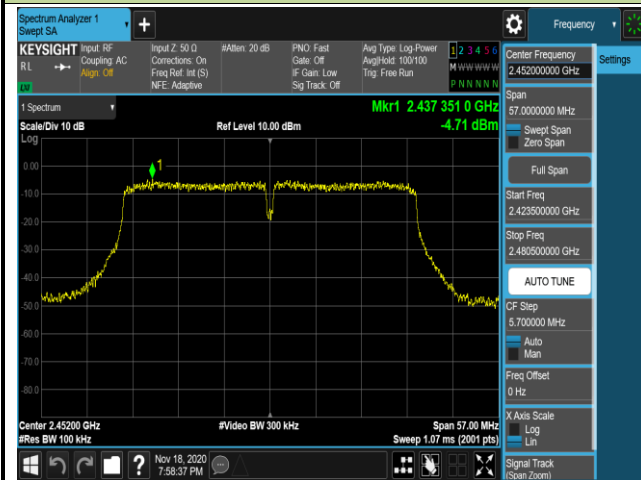


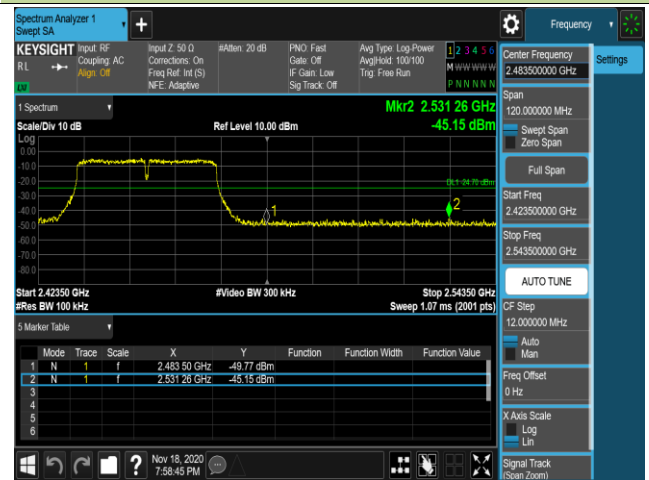
802.11n-HT40 Out-of-Band Emissions

Channel 09 (2452MHz)

100kHz PSD Reference Level



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 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.6.2. Test Procedure Used

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

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

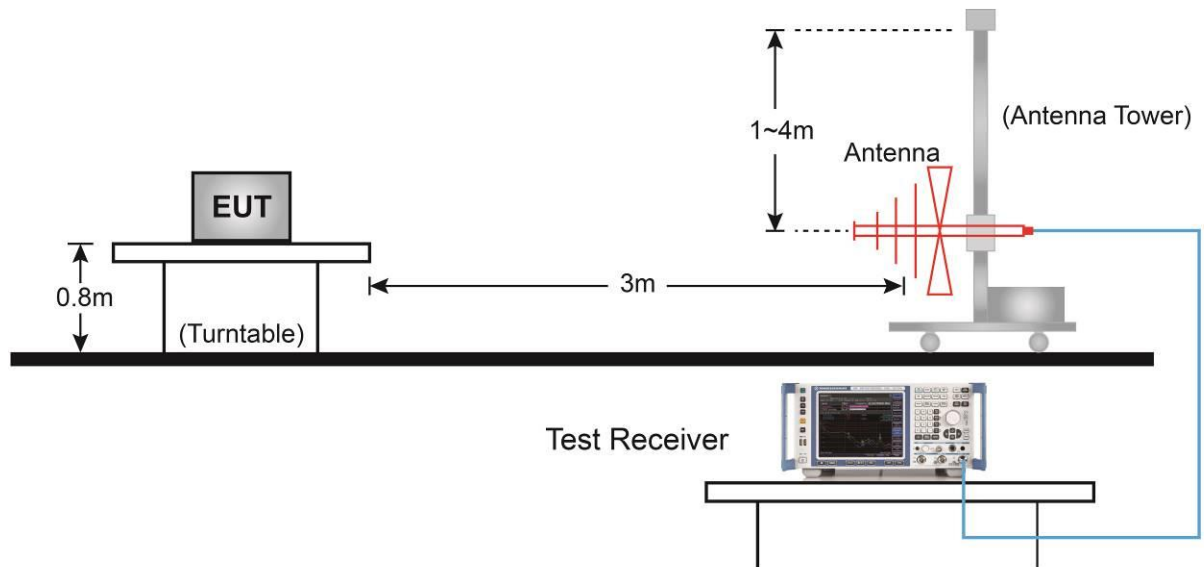
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

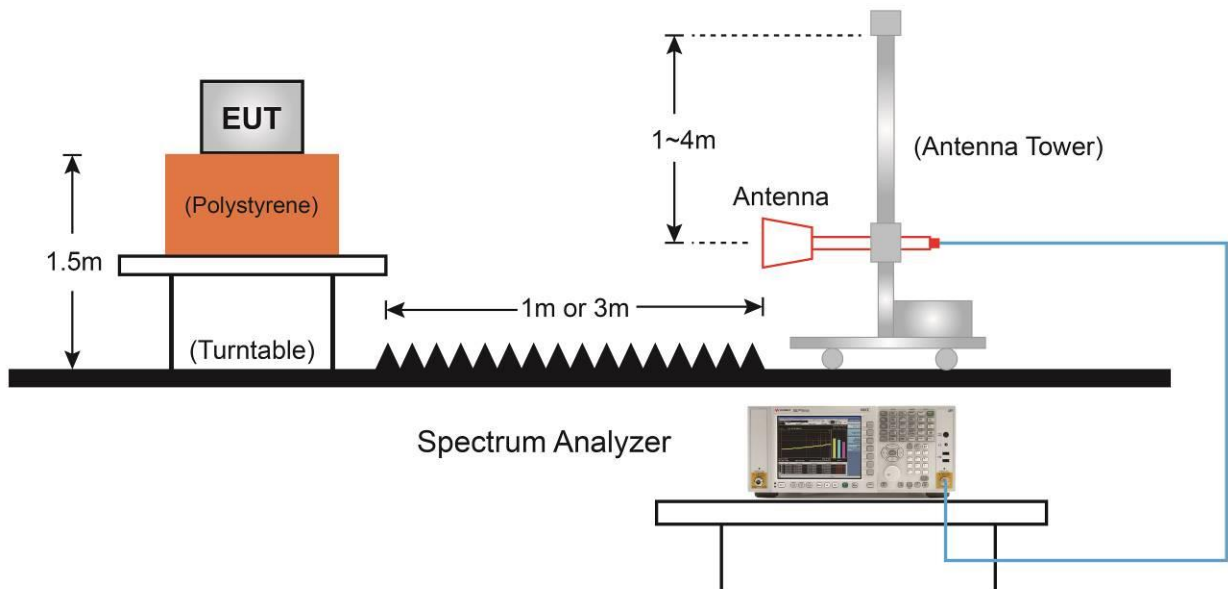
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. 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

Product used with PCB Antenna

Product	WIFI/BT Board	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11b	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4119.5	37.0	1.2	38.2	74.0	-35.8	Peak	Horizontal
	4825.0	37.2	3.3	40.5	74.0	-33.5	Peak	Horizontal
*	6083.0	34.7	6.1	40.8	74.0	-33.2	Peak	Horizontal
*	6839.5	32.7	8.4	41.1	74.0	-32.9	Peak	Horizontal
	4119.5	36.6	1.2	37.8	74.0	-36.2	Peak	Vertical
	4825.0	38.8	3.3	42.1	74.0	-31.9	Peak	Vertical
*	5683.5	35.3	4.3	39.6	74.0	-34.4	Peak	Vertical
*	7026.5	32.9	9.5	42.4	74.0	-31.6	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11b	Test Channel:	06
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
	3890.0	36.6	0.7	37.3	74.0	-36.7	Peak	Horizontal
	4876.0	36.0	2.9	38.9	74.0	-35.1	Peak	Horizontal
*	5879.0	33.2	4.9	38.1	74.0	-35.9	Peak	Horizontal
*	6958.5	32.8	9.0	41.8	74.0	-32.2	Peak	Horizontal
	4128.0	36.0	1.2	37.2	74.0	-36.8	Peak	Vertical
	4876.0	38.9	2.9	41.8	74.0	-32.2	Peak	Vertical
*	6006.5	33.9	5.5	39.4	74.0	-34.6	Peak	Vertical
*	6933.0	33.4	9.0	42.4	74.0	-31.6	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11b	Test Channel:	11
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
	4128.0	36.1	1.2	37.3	74.0	-36.7	Peak	Horizontal
	4927.0	36.3	3.5	39.8	74.0	-34.2	Peak	Horizontal
*	6015.0	34.2	5.5	39.7	74.0	-34.3	Peak	Horizontal
*	6967.0	33.2	9.0	42.2	74.0	-31.8	Peak	Horizontal
	3813.5	37.2	0.3	37.5	74.0	-36.5	Peak	Vertical
	4927.0	39.2	3.5	42.7	74.0	-31.3	Peak	Vertical
*	5879.0	33.5	4.9	38.4	74.0	-35.6	Peak	Vertical
*	6865.0	33.3	8.6	41.9	74.0	-32.1	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11g	Test Channel:	01
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	36.6	0.5	37.1	74.0	-36.9	Peak	Horizontal
	4825.0	37.8	3.3	41.1	74.0	-32.9	Peak	Horizontal
*	6006.5	33.6	5.5	39.1	74.0	-34.9	Peak	Horizontal
*	7086.0	32.0	10.4	42.4	74.0	-31.6	Peak	Horizontal
	4128.0	36.2	1.2	37.4	74.0	-36.6	Peak	Vertical
	4825.0	37.8	3.3	41.1	74.0	-32.9	Peak	Vertical
*	5981.0	33.6	5.4	39.0	74.0	-35.0	Peak	Vertical
*	6848.0	33.0	8.5	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11g	Test Channel:	06
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	36.0	0.5	36.5	74.0	-37.5	Peak	Horizontal
	4876.0	36.6	2.9	39.5	74.0	-34.5	Peak	Horizontal
*	5658.0	34.9	4.3	39.2	74.0	-34.8	Peak	Horizontal
*	6984.0	33.7	9.2	42.9	74.0	-31.1	Peak	Horizontal
	3898.5	36.1	0.5	36.6	74.0	-37.4	Peak	Vertical
	4876.0	38.6	2.9	41.5	74.0	-32.5	Peak	Vertical
*	6015.0	33.7	5.5	39.2	74.0	-34.8	Peak	Vertical
*	7069.0	31.9	10.0	41.9	74.0	-32.1	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11g	Test Channel:	11
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
	3915.5	36.9	0.3	37.2	74.0	-36.8	Peak	Horizontal
	4927.0	35.9	3.5	39.4	74.0	-34.6	Peak	Horizontal
*	5904.5	34.4	4.8	39.2	74.0	-34.8	Peak	Horizontal
*	6797.0	33.1	8.2	41.3	74.0	-32.7	Peak	Horizontal
	3881.5	37.1	0.5	37.6	74.0	-36.4	Peak	Vertical
	4927.0	39.1	3.5	42.6	74.0	-31.4	Peak	Vertical
*	5981.0	33.6	5.4	39.0	74.0	-35.0	Peak	Vertical
*	6967.0	33.0	9.0	42.0	74.0	-32.0	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT20	Test Channel:	01
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
	3898.5	36.5	0.5	37.0	74.0	-37.0	Peak	Horizontal
	4833.5	34.9	3.2	38.1	74.0	-35.9	Peak	Horizontal
*	5658.0	34.7	4.3	39.0	74.0	-35.0	Peak	Horizontal
*	6712.0	33.3	8.0	41.3	74.0	-32.7	Peak	Horizontal
	3958.0	36.3	0.6	36.9	74.0	-37.1	Peak	Vertical
	4833.5	35.1	3.2	38.3	74.0	-35.7	Peak	Vertical
*	5811.0	33.7	4.8	38.5	74.0	-35.5	Peak	Vertical
*	6763.0	33.3	7.9	41.2	74.0	-32.8	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT20	Test Channel:	06
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
	3898.5	35.2	0.5	35.7	74.0	-38.3	Peak	Horizontal
	4842.0	36.4	3.2	39.6	74.0	-34.4	Peak	Horizontal
*	5845.0	33.7	4.7	38.4	74.0	-35.6	Peak	Horizontal
*	6797.0	34.1	8.2	42.3	74.0	-31.7	Peak	Horizontal
	4051.5	36.5	1.0	37.5	74.0	-36.5	Peak	Vertical
	4825.0	34.7	3.3	38.0	74.0	-36.0	Peak	Vertical
*	5896.0	34.2	4.8	39.0	74.0	-35.0	Peak	Vertical
*	6950.0	34.1	9.1	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT20	Test Channel:	11
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
	3992.0	35.2	0.5	35.7	74.0	-38.3	Peak	Horizontal
	4833.5	34.5	3.2	37.7	74.0	-36.3	Peak	Horizontal
*	5870.5	33.6	4.9	38.5	74.0	-35.5	Peak	Horizontal
*	6856.5	32.8	8.5	41.3	74.0	-32.7	Peak	Horizontal
	3975.0	36.1	0.4	36.5	74.0	-37.5	Peak	Vertical
	4791.0	33.0	3.5	36.5	74.0	-37.5	Peak	Vertical
*	5811.0	32.0	4.8	36.8	74.0	-37.2	Peak	Vertical
*	6678.0	32.4	7.7	40.1	74.0	-33.9	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT40	Test Channel:	03
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
	3898.5	36.7	0.5	37.2	74.0	-36.8	Peak	Horizontal
	4825.0	35.6	3.3	38.9	74.0	-35.1	Peak	Horizontal
*	5930.0	33.5	5.1	38.6	74.0	-35.4	Peak	Horizontal
*	6780.0	32.2	7.8	40.0	74.0	-34.0	Peak	Horizontal
	3975.0	35.7	0.4	36.1	74.0	-37.9	Peak	Vertical
	4816.5	34.3	3.4	37.7	74.0	-36.3	Peak	Vertical
*	5785.5	33.0	4.6	37.6	74.0	-36.4	Peak	Vertical
*	6474.0	34.5	7.1	41.6	74.0	-32.4	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT40	Test Channel:	06
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
	3975.0	35.9	0.4	36.3	74.0	-37.7	Peak	Horizontal
	4833.5	35.6	3.2	38.8	74.0	-35.2	Peak	Horizontal
*	5938.5	33.5	5.1	38.6	74.0	-35.4	Peak	Horizontal
*	6933.0	33.5	9.0	42.5	74.0	-31.5	Peak	Horizontal
	3966.5	36.0	0.5	36.5	74.0	-37.5	Peak	Vertical
	4850.5	35.1	3.1	38.2	74.0	-35.8	Peak	Vertical
*	5879.0	33.2	4.9	38.1	74.0	-35.9	Peak	Vertical
*	6780.0	32.8	7.8	40.6	74.0	-33.4	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	Hyde Yu
Test Site	WZ-AC2	Test Date	2020/11/15
Test Mode:	802.11n-HT40	Test Channel:	09
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	36.0	0.5	36.5	74.0	-37.5	Peak	Horizontal
	4850.5	35.1	3.1	38.2	74.0	-35.8	Peak	Horizontal
*	5879.0	33.2	4.9	38.1	74.0	-35.9	Peak	Horizontal
*	6780.0	32.8	7.8	40.6	74.0	-33.4	Peak	Horizontal
	4051.5	36.3	1.0	37.3	74.0	-36.7	Peak	Vertical
	4825.0	35.4	3.3	38.7	74.0	-35.3	Peak	Vertical
*	6083.0	33.9	6.1	40.0	74.0	-34.0	Peak	Vertical
*	7018.0	33.0	9.2	42.2	74.0	-31.8	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 used with Dipole Antenna

Product	WIFI/BT Board	Test Engineer	Antony Yang
Test Site	WZ-AC2	Test Date	2020/11/18
Test Mode:	802.11b	Test Channel:	01
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
	7392.0	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	8310.0	32.4	10.8	43.2	74.0	-30.8	Peak	Horizontal
*	8735.0	30.8	12.3	43.1	74.0	-30.9	Peak	Horizontal
*	9780.5	30.8	13.1	43.9	74.0	-30.1	Peak	Horizontal
	4825.0	42.0	3.5	45.5	74.0	-28.5	Peak	Vertical
	7570.5	34.0	10.9	44.9	74.0	-29.1	Peak	Vertical
*	8735.0	30.9	12.3	43.2	74.0	-30.8	Peak	Vertical
*	10001.5	30.6	13.8	44.4	74.0	-29.6	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	2020/11/18
Test Mode:	802.11b	Test Channel:	06
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
	4876.0	37.2	3.1	40.3	74.0	-33.7	Peak	Horizontal
	7579.0	31.9	11.0	42.9	74.0	-31.1	Peak	Horizontal
*	8896.5	30.3	12.3	42.6	74.0	-31.4	Peak	Horizontal
*	9933.5	30.4	13.6	44.0	74.0	-30.0	Peak	Horizontal
	4026.0	35.6	1.2	36.8	74.0	-37.2	Peak	Vertical
	4876.0	41.0	3.1	44.1	74.0	-29.9	Peak	Vertical
*	6499.5	36.1	7.5	43.6	74.0	-30.4	Peak	Vertical
*	8539.5	34.4	11.5	45.9	74.0	-28.1	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	2020/11/18
Test Mode:	802.11b	Test Channel:	11
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
	4927.0	38.5	3.7	42.2	74.0	-31.8	Peak	Horizontal
	7570.5	32.0	10.9	42.9	74.0	-31.1	Peak	Horizontal
*	8718.0	31.4	11.8	43.2	74.0	-30.8	Peak	Horizontal
*	9959.0	30.7	13.7	44.4	74.0	-29.6	Peak	Horizontal
	3890.0	37.5	0.8	38.3	74.0	-35.7	Peak	Vertical
	4927.0	42.0	3.7	45.7	74.0	-28.3	Peak	Vertical
*	6567.5	37.1	7.8	44.9	74.0	-29.1	Peak	Vertical
*	8760.5	33.0	12.6	45.6	74.0	-28.4	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	2020/11/18
Test Mode:	802.11g	Test Channel:	01
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
	5046.0	35.7	4.0	39.7	74.0	-34.3	Peak	Horizontal
	7468.5	32.6	10.8	43.4	74.0	-30.6	Peak	Horizontal
*	8692.5	32.2	12.0	44.2	74.0	-29.8	Peak	Horizontal
*	10120.5	31.1	13.9	45.0	74.0	-29.0	Peak	Horizontal
	4816.5	38.2	3.7	41.9	74.0	-32.1	Peak	Vertical
	74.00.5	31.1	10.7	41.8	74.0	-32.2	Peak	Vertical
*	8692.5	30.7	12.0	42.7	74.0	-31.3	Peak	Vertical
*	9602.0	34.1	13.0	47.1	74.0	-26.9	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	2020/11/18
Test Mode:	802.11g	Test Channel:	06
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
	5114.0	36.2	3.8	40.0	74.0	-34.0	Peak	Horizontal
	7519.5	30.6	10.5	41.1	74.0	-32.9	Peak	Horizontal
*	8633.0	30.6	11.8	42.4	74.0	-31.6	Peak	Horizontal
*	9959.0	29.7	13.7	43.4	74.0	-30.6	Peak	Horizontal
	4094.0	36.6	1.1	37.7	74.0	-36.3	Peak	Vertical
	4884.5	37.7	3.3	41.0	74.0	-33.0	Peak	Vertical
*	6499.5	36.0	7.5	43.5	74.0	-30.5	Peak	Vertical
*	8760.5	31.8	12.6	44.4	74.0	-29.6	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	2020/11/18
Test Mode:	802.11g	Test Channel:	11
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
	4978.0	35.7	3.2	38.9	74.0	-35.1	Peak	Horizontal
	7570.5	30.4	10.9	41.3	74.0	-32.7	Peak	Horizontal
*	8794.5	30.9	12.3	43.2	74.0	-30.8	Peak	Horizontal
*	9865.5	31.0	13.4	44.4	74.0	-29.6	Peak	Horizontal
	4051.5	36.0	1.2	37.2	74.0	-36.8	Peak	Vertical
	4927.0	38.1	3.7	41.8	74.0	-32.2	Peak	Vertical
*	6567.5	36.3	7.8	44.1	74.0	-29.9	Peak	Vertical
*	8582.0	31.7	11.4	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	2020/11/18
Test Mode:	802.11n-HT20	Test Channel:	01
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
	4833.5	35.5	3.5	39.0	74.0	-35.0	Peak	Horizontal
	7400.5	31.7	10.7	42.4	74.0	-31.6	Peak	Horizontal
*	8667.0	31.7	12.2	43.9	74.0	-30.1	Peak	Horizontal
*	10112.0	31.7	13.9	45.6	74.0	-28.4	Peak	Horizontal
	4102.5	37.1	1.1	38.2	74.0	-35.8	Peak	Vertical
	4825.0	38.0	3.5	41.5	74.0	-32.5	Peak	Vertical
*	6431.5	35.7	7.2	42.9	74.0	-31.1	Peak	Vertical
*	8871.0	31.9	12.3	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	2020/11/18
Test Mode:	802.11n-HT20	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4119.5	37.8	1.3	39.1	74.0	-34.9	Peak	Horizontal
	4765.5	35.4	3.5	38.9	74.0	-35.1	Peak	Horizontal
*	7936.0	34.9	11.0	45.9	74.0	-28.1	Peak	Horizontal
*	8735.0	31.5	12.3	43.8	74.0	-30.2	Peak	Horizontal
	4034.5	36.3	1.0	37.3	74.0	-36.7	Peak	Vertical
	4876.0	39.2	3.1	42.3	74.0	-31.7	Peak	Vertical
*	6499.5	37.1	7.5	44.6	74.0	-29.4	Peak	Vertical
*	8896.5	29.9	12.3	42.2	74.0	-31.8	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	2020/11/18
Test Mode:	802.11n-HT20	Test Channel:	11
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	36.7	0.7	37.4	74.0	-36.6	Peak	Horizontal
	4757.0	36.4	3.5	39.9	74.0	-34.1	Peak	Horizontal
*	6610.0	33.1	7.7	40.8	74.0	-33.2	Peak	Horizontal
*	8820.0	32.5	12.2	44.7	74.0	-29.3	Peak	Horizontal
	3975.0	37.9	0.5	38.4	74.0	-35.6	Peak	Vertical
	4918.5	38.6	3.7	42.3	74.0	-31.7	Peak	Vertical
*	6567.5	37.8	7.8	45.6	74.0	-28.4	Peak	Vertical
*	8871.0	33.8	12.3	46.1	74.0	-27.9	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	2020/11/18
Test Mode:	802.11n-HT40	Test Channel:	03
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
	3915.5	36.5	0.4	36.9	74.0	-37.1	Peak	Horizontal
	4927.0	36.2	3.7	39.9	74.0	-34.1	Peak	Horizontal
*	5947.0	36.7	5.4	42.1	74.0	-31.9	Peak	Horizontal
*	9865.5	35.5	13.4	48.9	74.0	-25.1	Peak	Horizontal
	4357.5	37.0	2.0	39.0	74.0	-35.0	Peak	Vertical
	4842.0	37.2	3.4	40.6	74.0	-33.4	Peak	Vertical
*	6457.0	36.5	7.3	43.8	74.0	-30.2	Peak	Vertical
*	8837.0	34.1	12.2	46.3	74.0	-27.7	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	2020/11/18
Test Mode:	802.11n-HT40	Test Channel:	06
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
	3677.5	37.6	0.3	37.9	74.0	-36.1	Peak	Horizontal
	4927.0	36.8	3.7	40.5	74.0	-33.5	Peak	Horizontal
*	6295.5	34.9	6.0	40.9	74.0	-33.1	Peak	Horizontal
*	8658.5	32.4	12.0	44.4	74.0	-29.6	Peak	Horizontal
	4876.0	37.0	3.1	40.1	74.0	-33.9	Peak	Vertical
	7315.5	35.3	11.1	46.4	74.0	-27.6	Peak	Vertical
*	8760.5	32.8	12.6	45.4	74.0	-28.6	Peak	Vertical
*	9755.0	34.0	13.3	47.3	74.0	-26.7	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	2020/11/18
Test Mode:	802.11n-HT40	Test Channel:	09
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
	4876.0	37.0	3.1	40.1	74.0	-33.9	Peak	Horizontal
	7315.5	35.3	11.1	46.4	74.0	-27.6	Peak	Horizontal
*	8760.5	32.8	12.6	45.4	74.0	-28.6	Peak	Horizontal
*	9755.0	34.0	13.3	47.3	74.0	-26.7	Peak	Horizontal
	4196.0	36.1	1.7	37.8	74.0	-36.2	Peak	Vertical
	4816.5	34.5	3.7	38.2	74.0	-35.8	Peak	Vertical
*	6542.0	37.2	7.6	44.8	74.0	-29.2	Peak	Vertical
*	8735.0	33.2	12.3	45.5	74.0	-28.5	Peak	Vertical

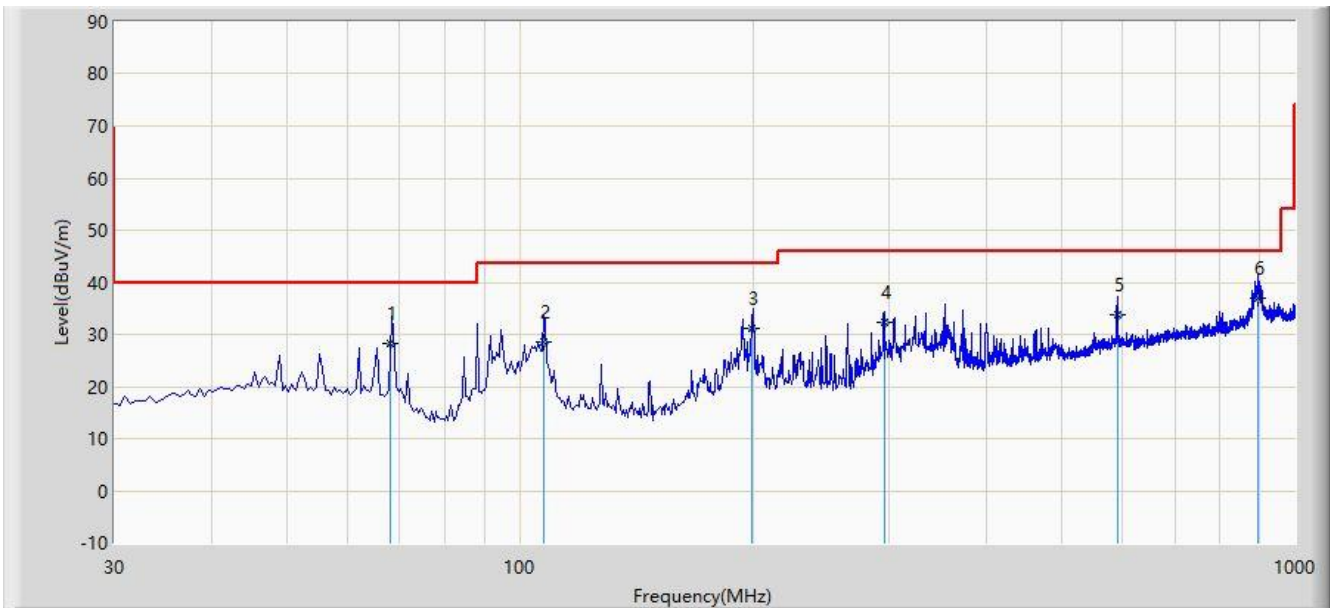
Note 1: "*" means test frequency didn't fall into restricted band.

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

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

The Result of Radiated Emission below 1GHz:

Site: WZ-AC2	Time: 2020/11/21 - 11:32
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 802.11g at channel 2412MHz – Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			68.210	28.215	11.140	-11.785	40.000	17.074	QP
2			107.600	28.664	10.240	-14.836	43.500	18.424	QP
3			199.650	31.291	12.340	-12.209	43.500	18.951	QP
4			295.290	32.200	11.240	-13.800	46.000	20.960	QP
5			590.150	33.875	6.520	-12.125	46.000	27.355	QP
6		*	894.650	36.894	5.620	-9.106	46.000	31.274	QP

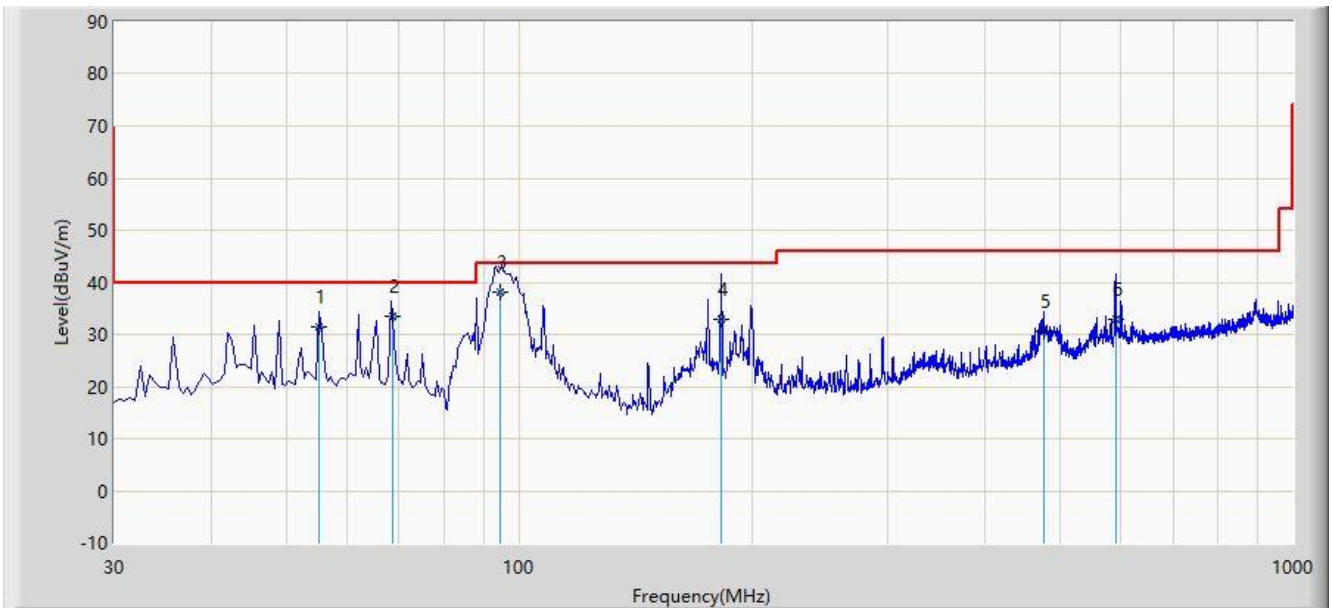
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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 - 11:34
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 802.11g at channel 2412MHz – Dipole Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			55.210	31.428	11.240	-8.572	40.000	20.188	QP
2			68.600	33.487	16.540	-6.513	40.000	16.947	QP
3		*	94.620	37.984	20.210	-5.516	43.500	17.774	QP
4			182.540	32.785	15.620	-10.715	43.500	17.164	QP
5			476.210	30.473	5.620	-15.527	46.000	24.853	QP
6			590.210	32.976	5.620	-13.024	46.000	27.356	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.

6.1. Radiated Restricted Band Edge Measurement

6.1.1. Test Limit

For 15.205 requirement:

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

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

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.1.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

6.1.3.Test Setting

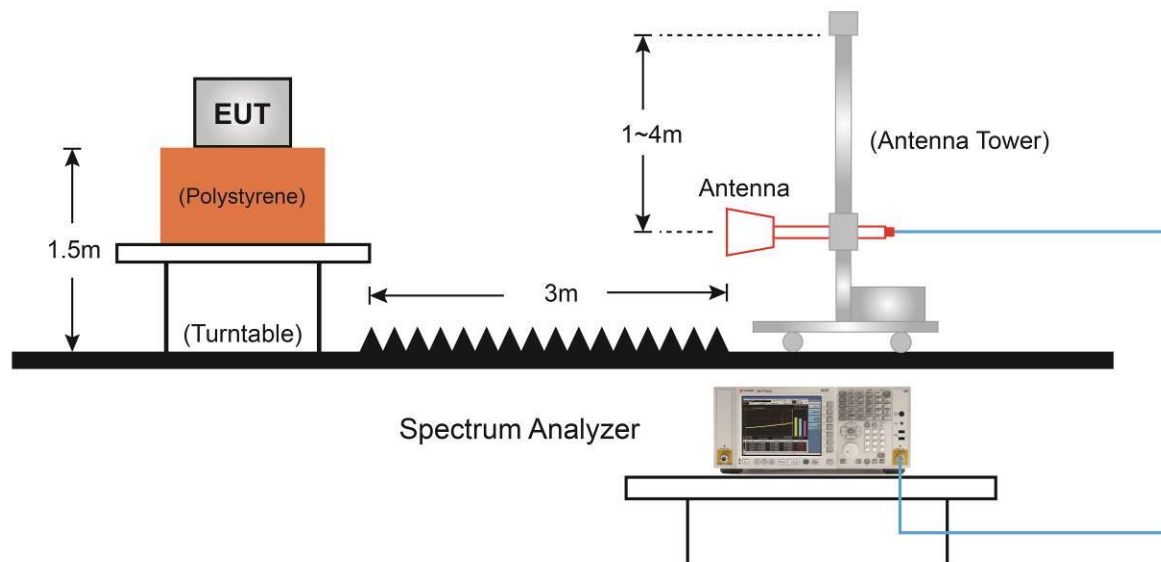
Peak Field Strength Measurements

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 Field Strength Measurements

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

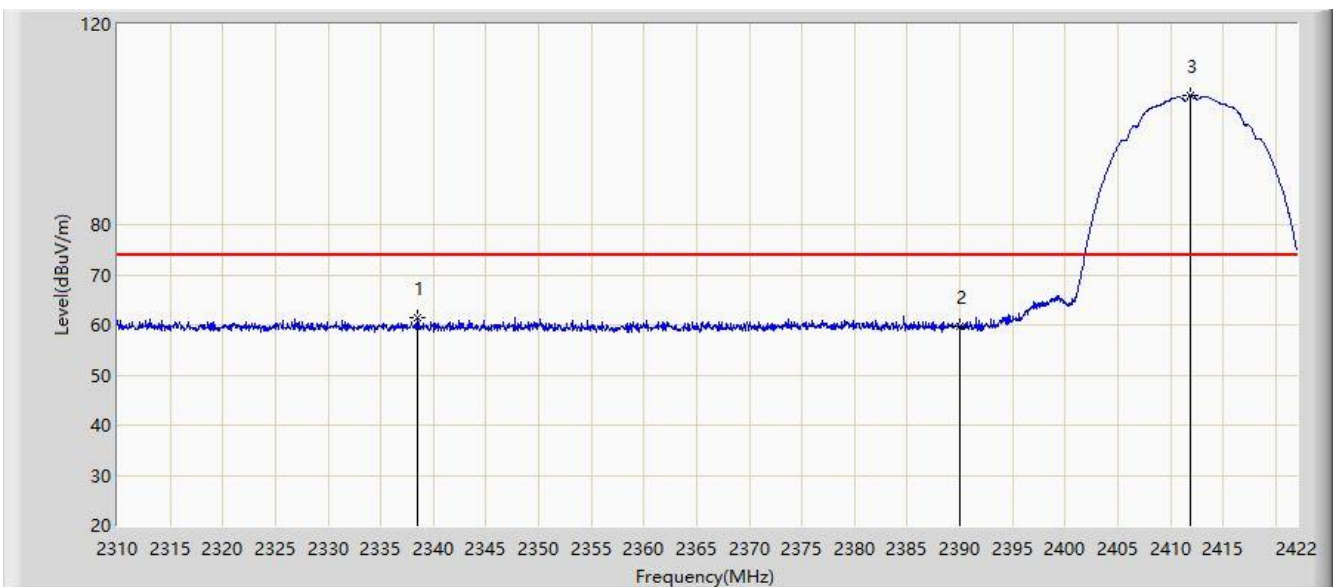
6.1.4. Test Setup



6.1.5.Test Result

Product used with PCB Antenna

Site: WZ-AC2	Time: 2020/11/16 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

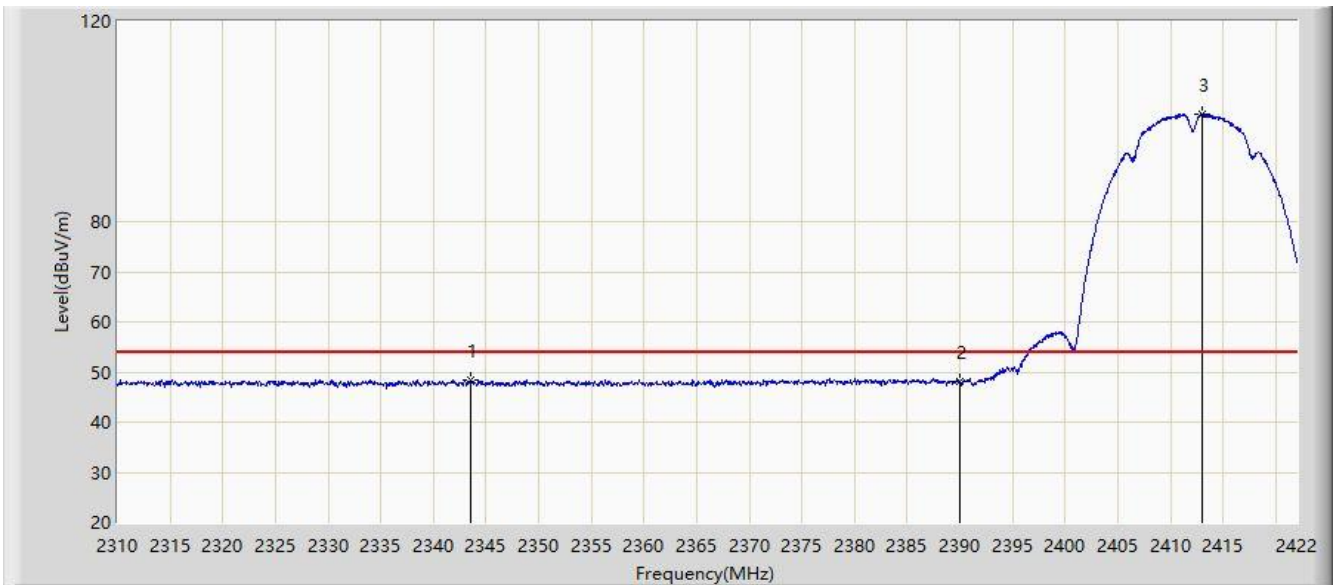


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2338.560	61.369	28.592	-12.631	74.000	32.777	PK
2			2390.000	59.831	27.170	-14.169	74.000	32.660	PK
3		*	2411.920	105.936	73.232	N/A	N/A	32.704	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 16:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

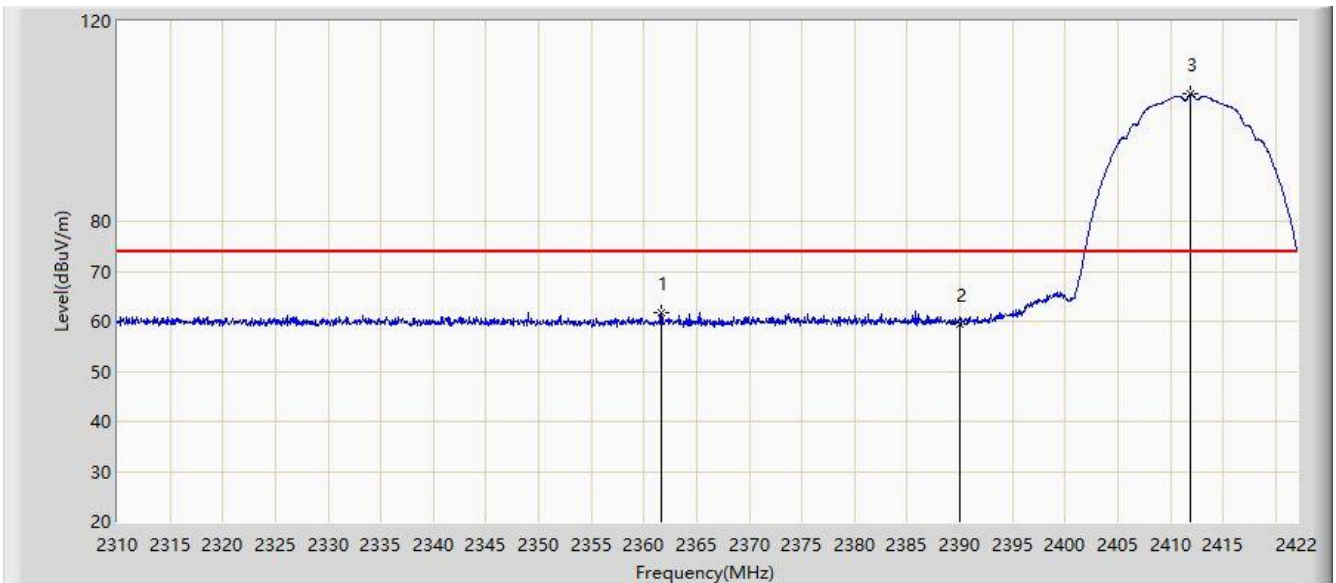


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2343.544	48.422	15.646	-5.578	54.000	32.776	AV
2			2390.000	48.034	15.373	-5.966	54.000	32.660	AV
3		*	2412.984	101.546	68.827	N/A	N/A	32.719	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

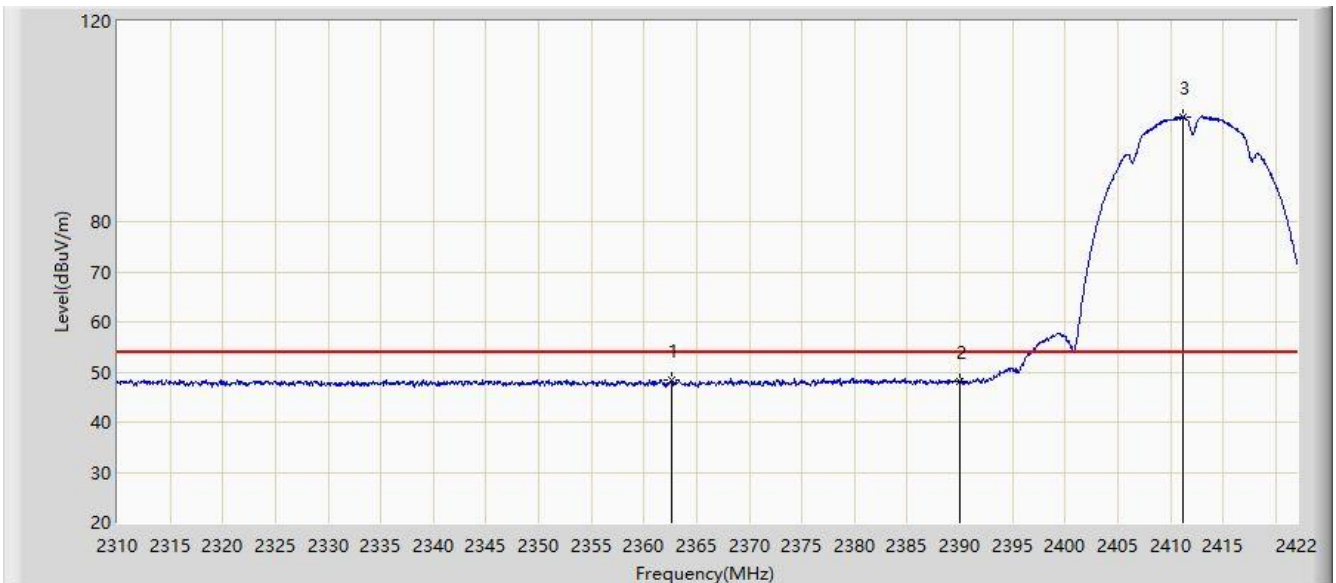


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2361.632	61.788	29.147	-12.212	74.000	32.640	PK
2			2390.000	59.500	26.839	-14.500	74.000	32.660	PK
3		*	2411.864	105.402	72.699	N/A	N/A	32.703	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

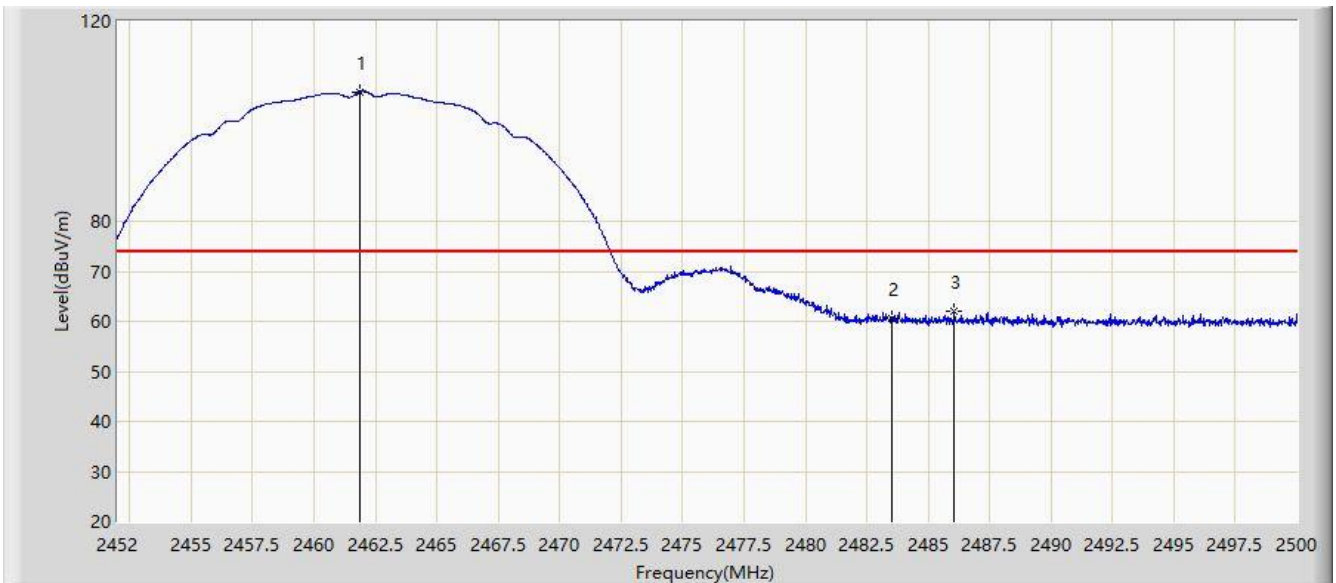


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2362.696	48.423	15.771	-5.577	54.000	32.652	AV
2			2390.000	48.154	15.493	-5.846	54.000	32.660	AV
3		*	2411.248	100.914	68.219	N/A	N/A	32.695	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

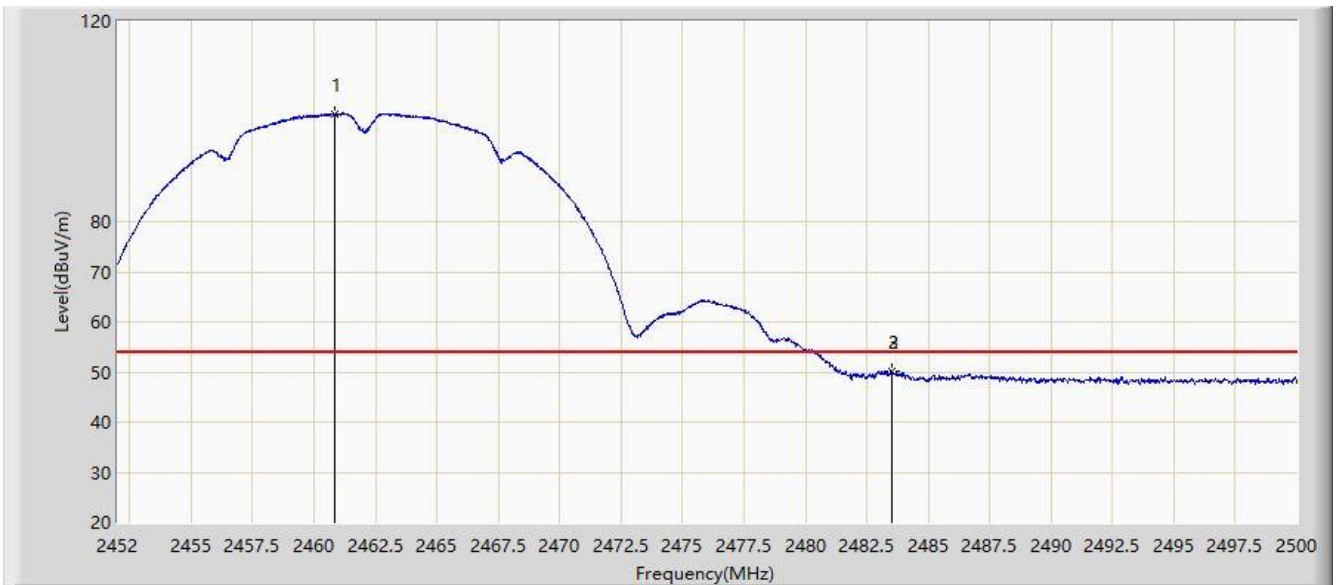


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.840	105.917	73.346	N/A	N/A	32.570	PK
2			2483.500	60.521	27.820	-13.479	74.000	32.701	PK
3			2486.056	61.937	29.201	-12.063	74.000	32.736	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

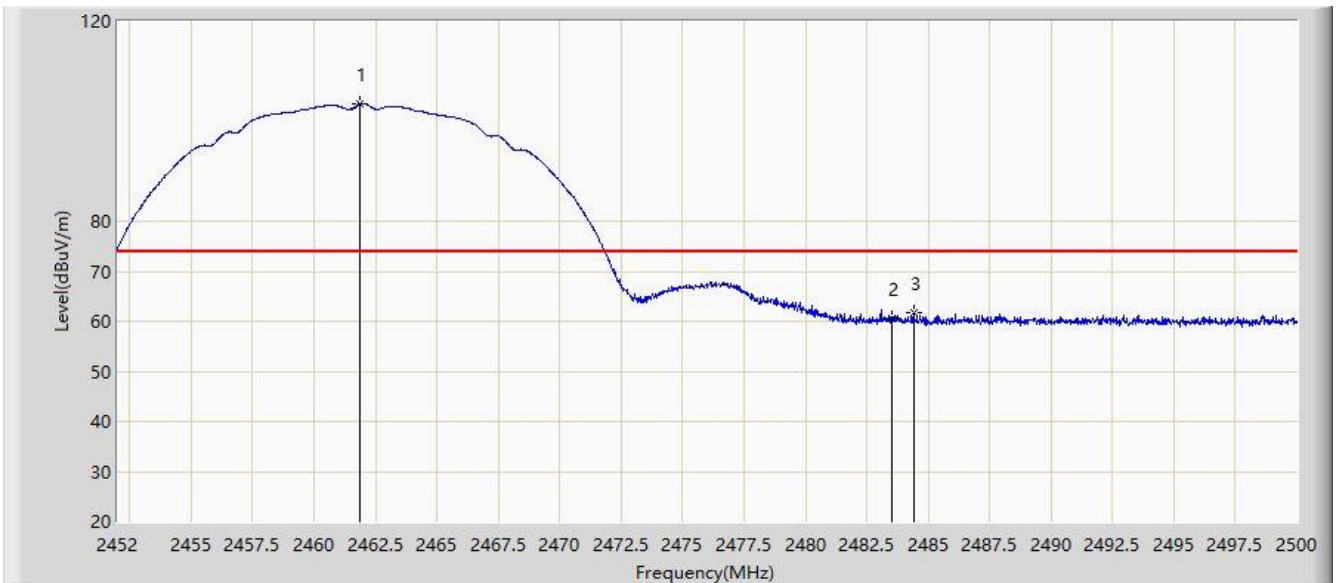


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2460.856	101.588	69.007	N/A	N/A	32.580	AV
2			2483.500	50.053	17.352	-3.947	54.000	32.701	AV
3			2483.512	50.085	17.384	-3.915	54.000	32.700	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

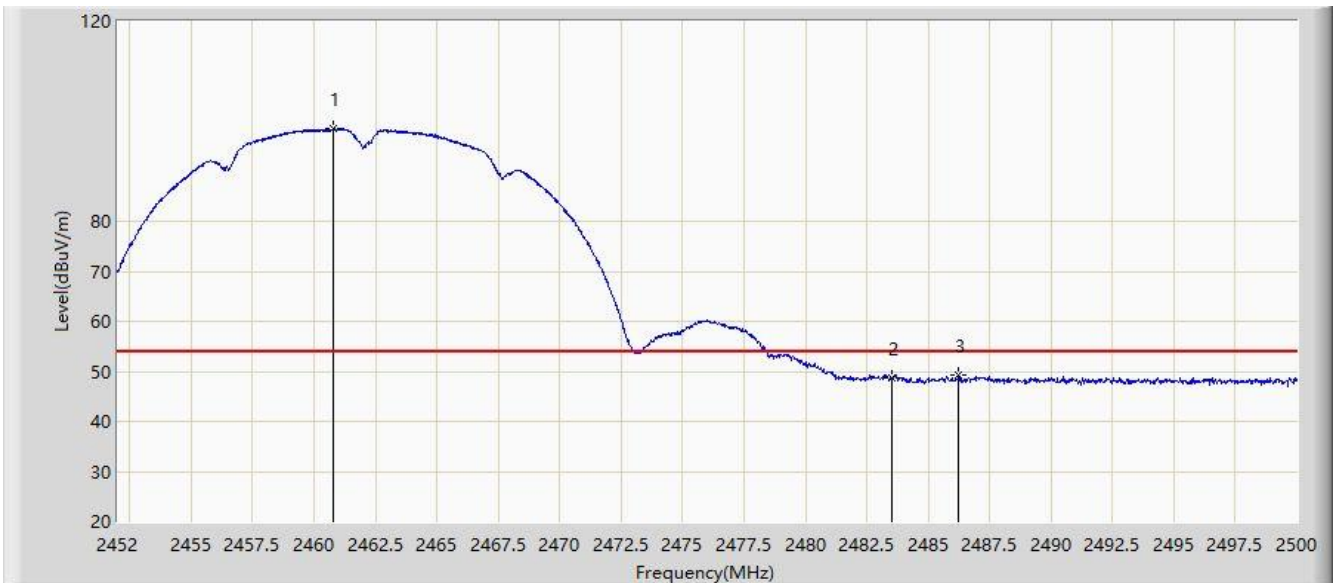


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2461.864	103.449	70.879	N/A	N/A	32.570	PK
2			2483.500	60.575	27.874	-13.425	74.000	32.701	PK
3			2484.400	61.602	28.889	-12.398	74.000	32.713	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

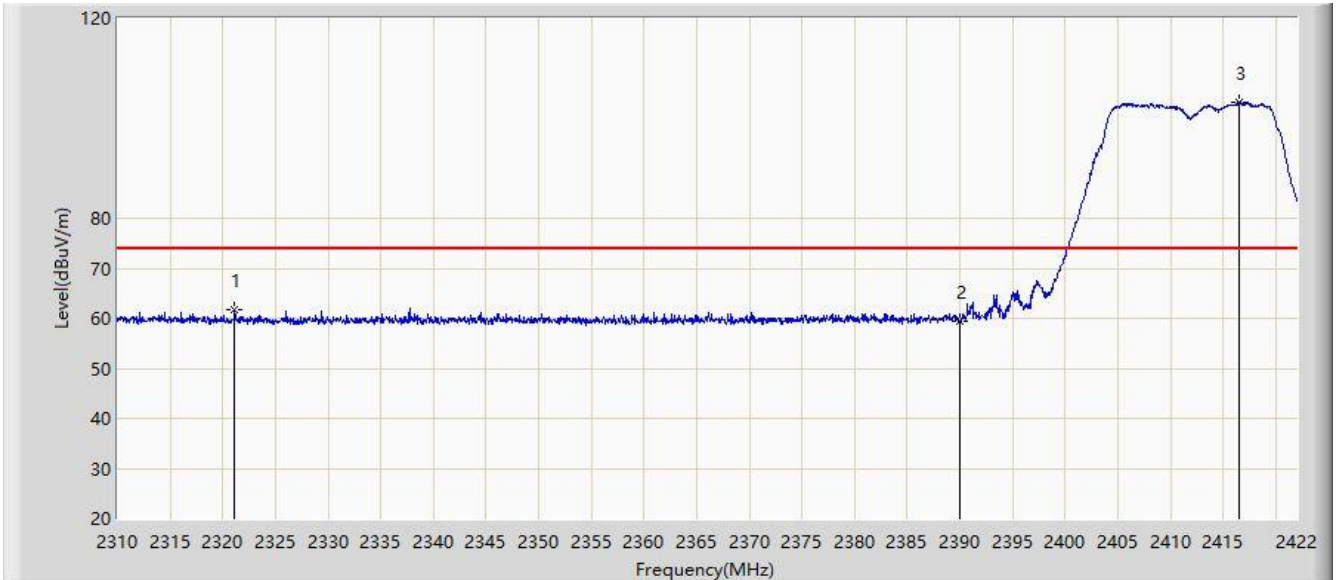


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2460.784	98.438	65.857	N/A	N/A	32.581	AV
2			2483.500	48.721	16.020	-5.279	54.000	32.701	AV
3			2486.248	49.179	16.440	-4.821	54.000	32.739	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

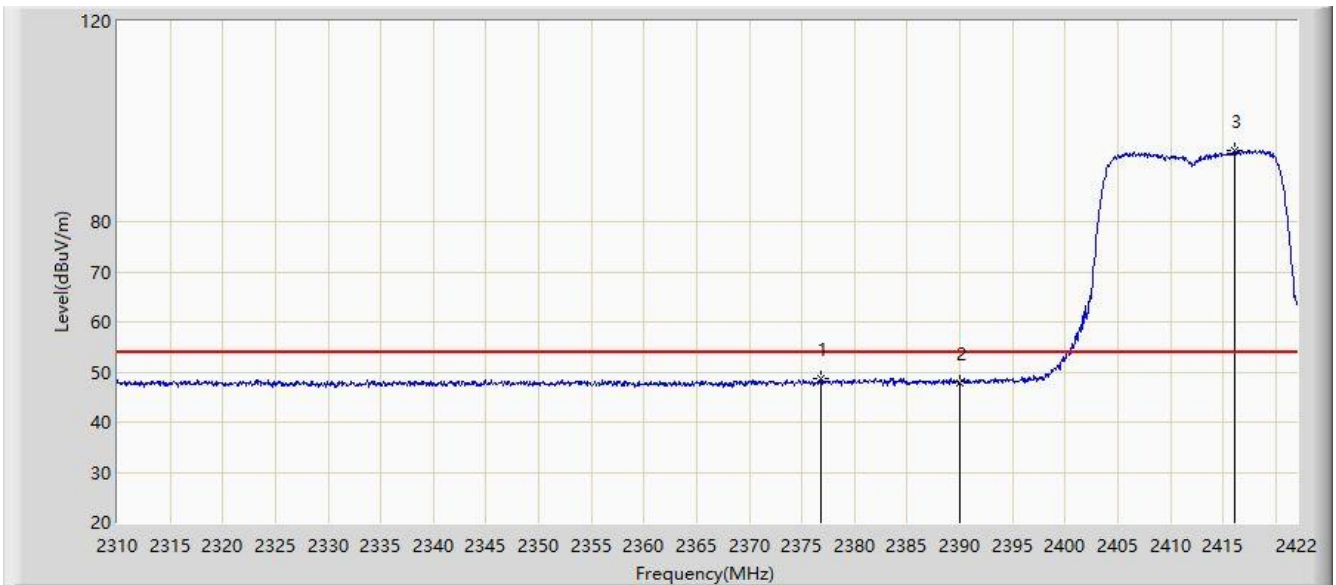


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2321.144	61.795	28.966	-12.205	74.000	32.830	PK
2			2390.000	59.427	26.766	-14.573	74.000	32.660	PK
3		*	2416.512	103.099	70.353	N/A	N/A	32.745	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

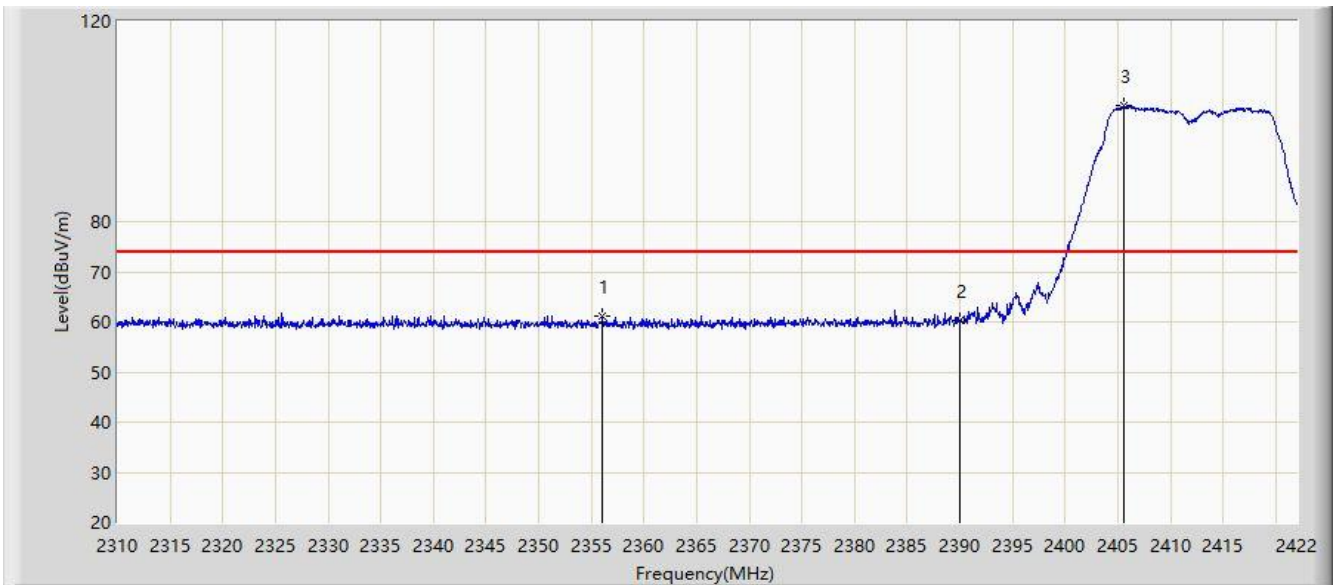


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2376.752	48.771	15.938	-5.229	54.000	32.833	AV
2			2390.000	47.848	15.187	-6.152	54.000	32.660	AV
3		*	2416.120	94.211	61.460	N/A	N/A	32.751	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

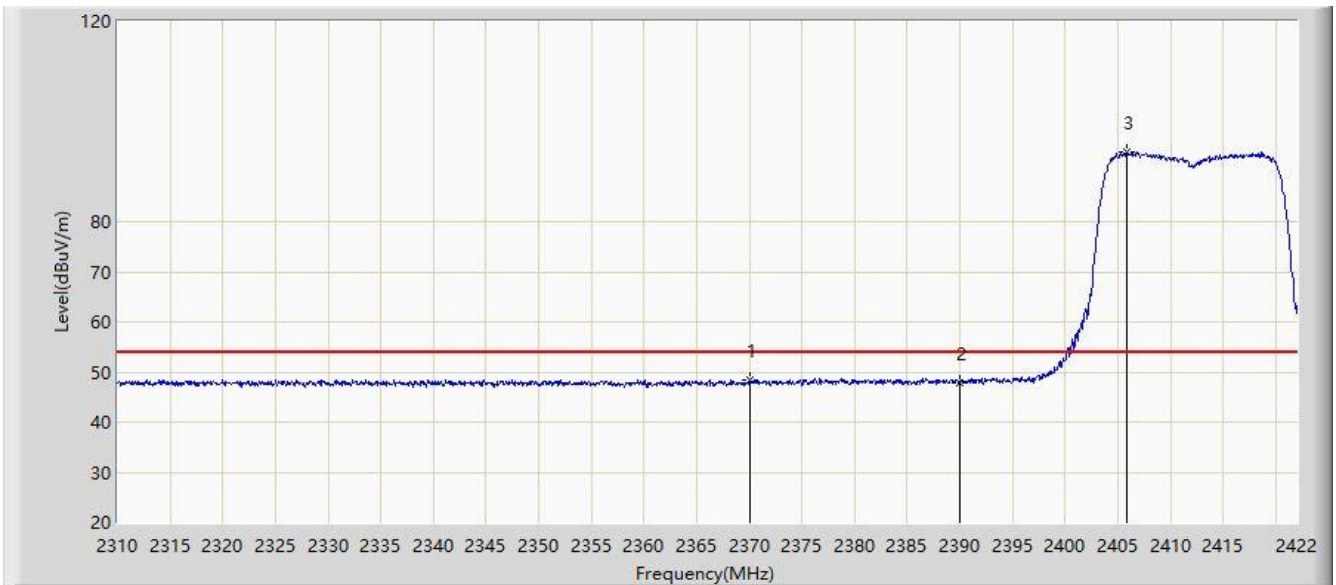


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2356.088	61.174	28.491	-12.826	74.000	32.683	PK
2			2390.000	60.187	27.526	-13.813	74.000	32.660	PK
3		*	2405.592	103.085	70.469	N/A	N/A	32.616	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

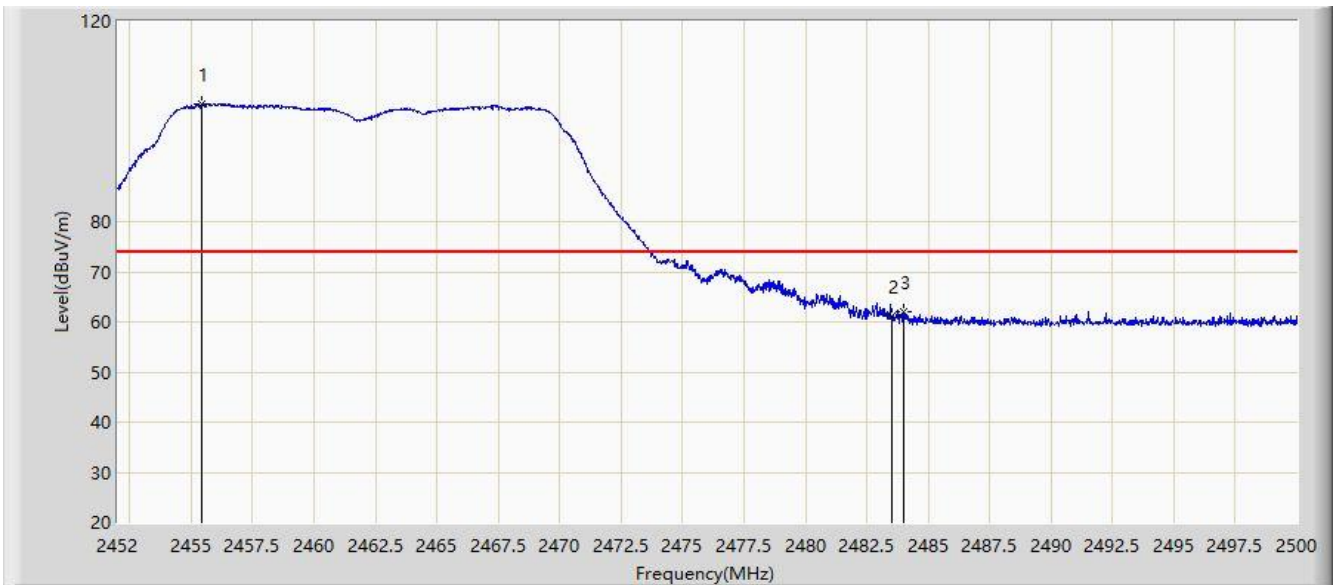


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2370.032	48.529	15.783	-5.471	54.000	32.747	AV
2			2390.000	47.866	15.205	-6.134	54.000	32.660	AV
3		*	2405.928	93.848	61.227	N/A	N/A	32.621	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

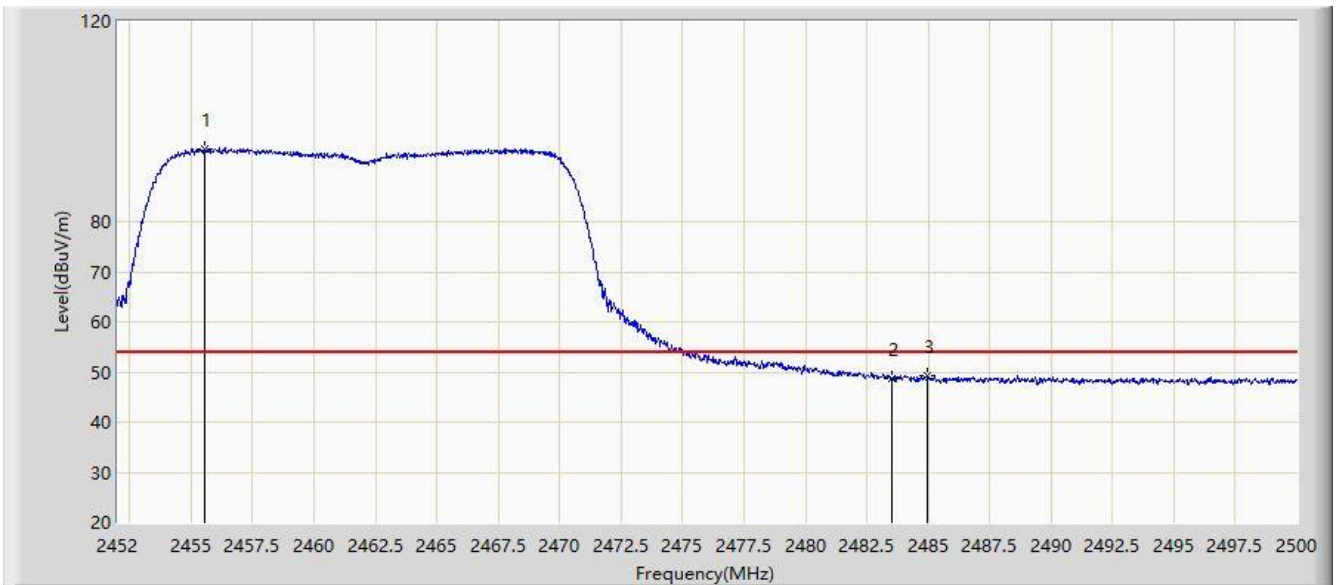


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2455.432	103.408	70.773	N/A	N/A	32.635	PK
2			2483.500	61.056	28.355	-12.944	74.000	32.701	PK
3			2483.992	62.027	29.320	-11.973	74.000	32.707	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

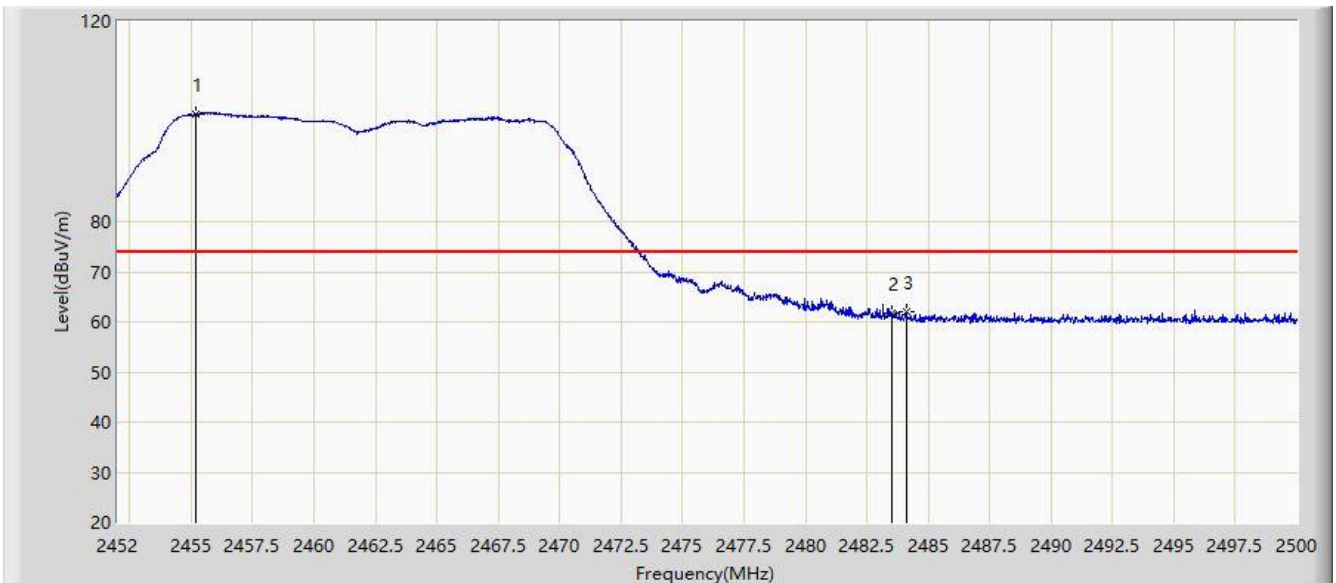


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2455.576	94.523	61.889	N/A	N/A	32.633	AV
2			2483.500	48.677	15.976	-5.323	54.000	32.701	AV
3			2484.976	49.168	16.447	-4.832	54.000	32.721	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

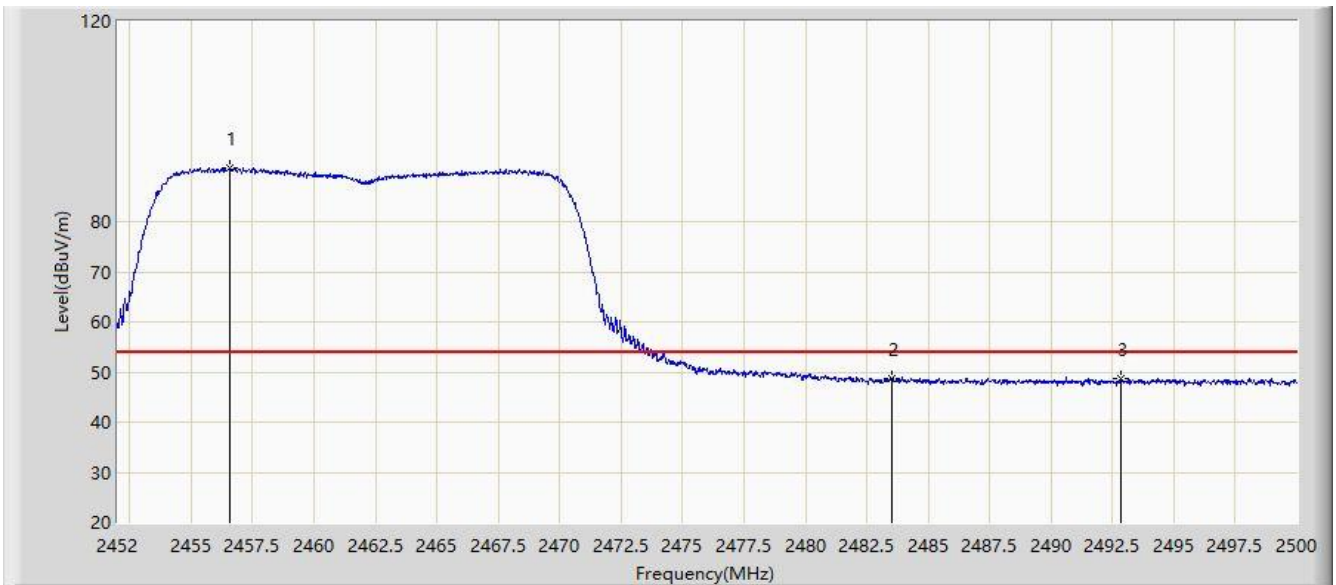


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2455.216	101.558	68.921	N/A	N/A	32.637	PK
2			2483.500	61.814	29.113	-12.186	74.000	32.701	PK
3			2484.112	62.024	29.315	-11.976	74.000	32.709	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

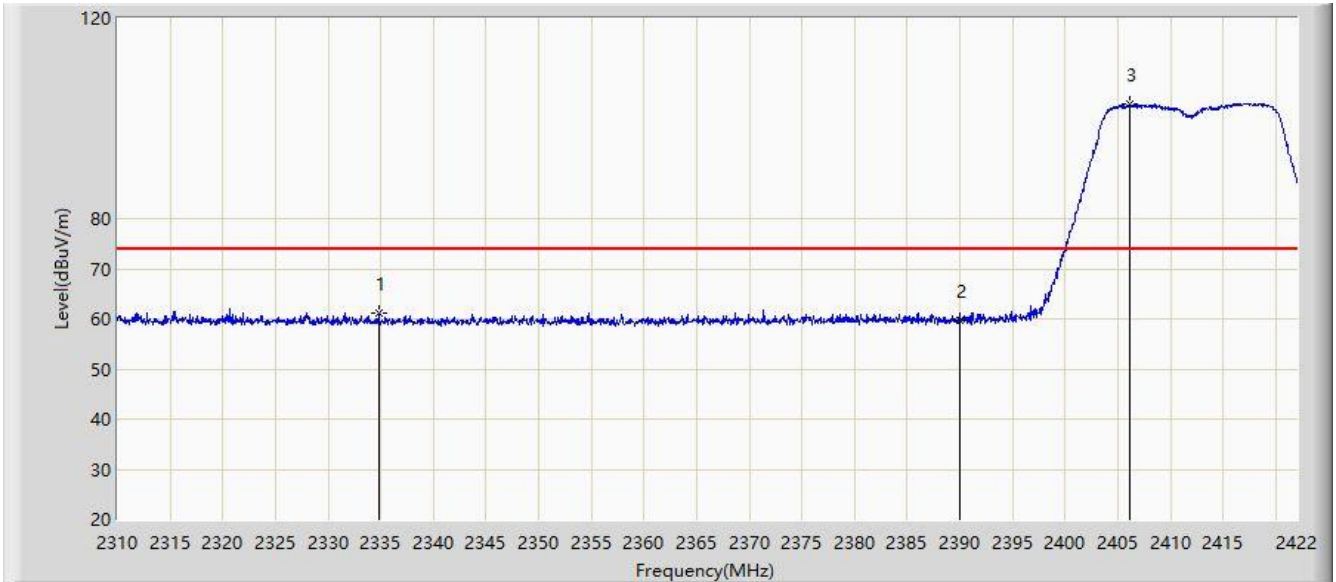


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2456.584	90.673	58.050	N/A	N/A	32.624	AV
2			2483.500	48.677	15.976	-5.323	54.000	32.701	AV
3			2492.872	48.752	16.037	-5.248	54.000	32.715	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

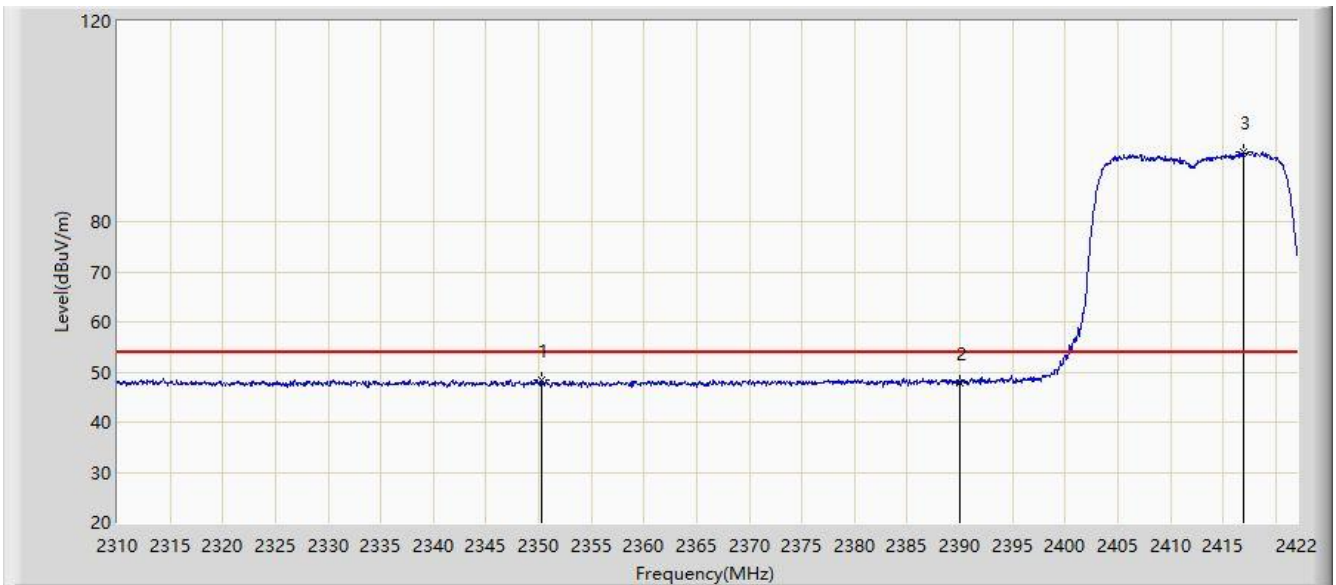


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2334.808	61.017	28.238	-12.983	74.000	32.779	PK
2			2390.000	59.798	27.137	-14.202	74.000	32.660	PK
3		*	2406.208	102.796	70.171	N/A	N/A	32.624	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

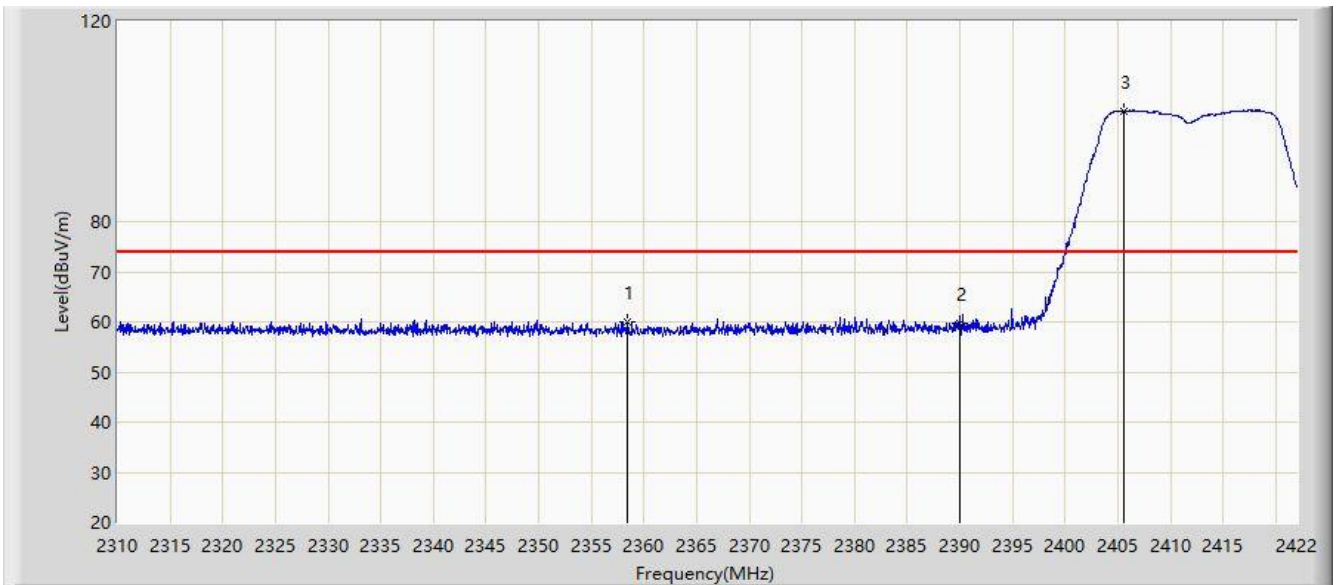


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2350.320	48.420	15.693	-5.580	54.000	32.727	AV
2			2390.000	47.800	15.139	-6.200	54.000	32.660	AV
3		*	2416.960	93.810	61.070	N/A	N/A	32.74.0	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

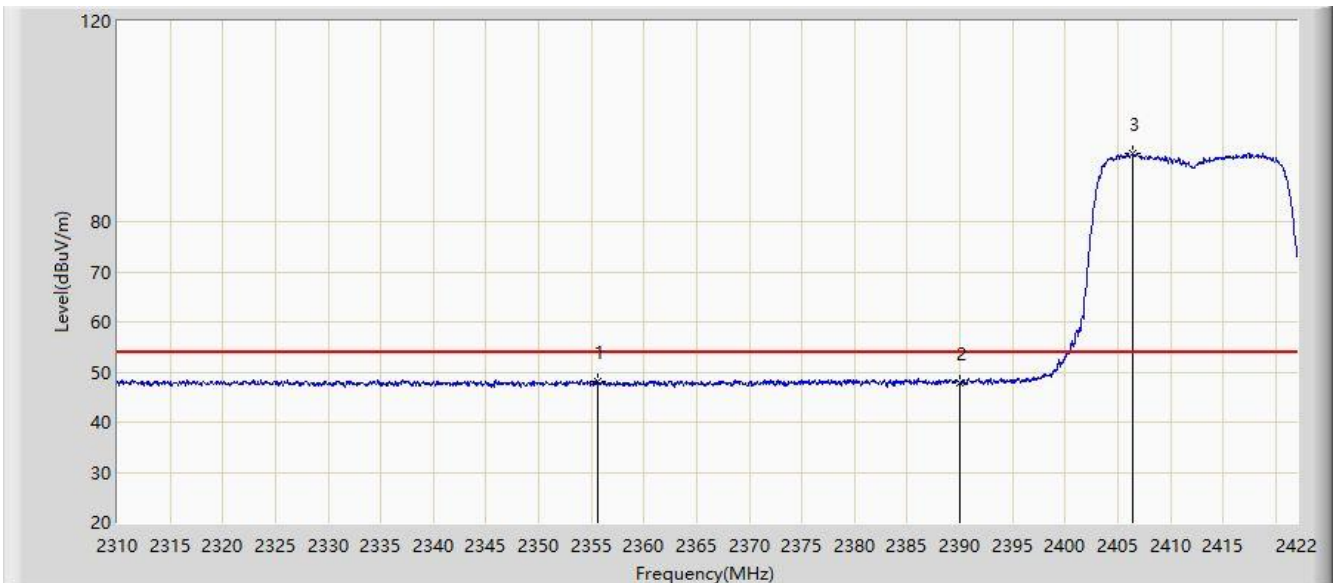


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2358.384	59.952	27.286	-14.048	74.000	32.666	PK
2			2390.000	59.854	27.193	-14.146	74.000	32.660	PK
3		*	2405.536	102.147	69.532	N/A	N/A	32.615	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 17:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

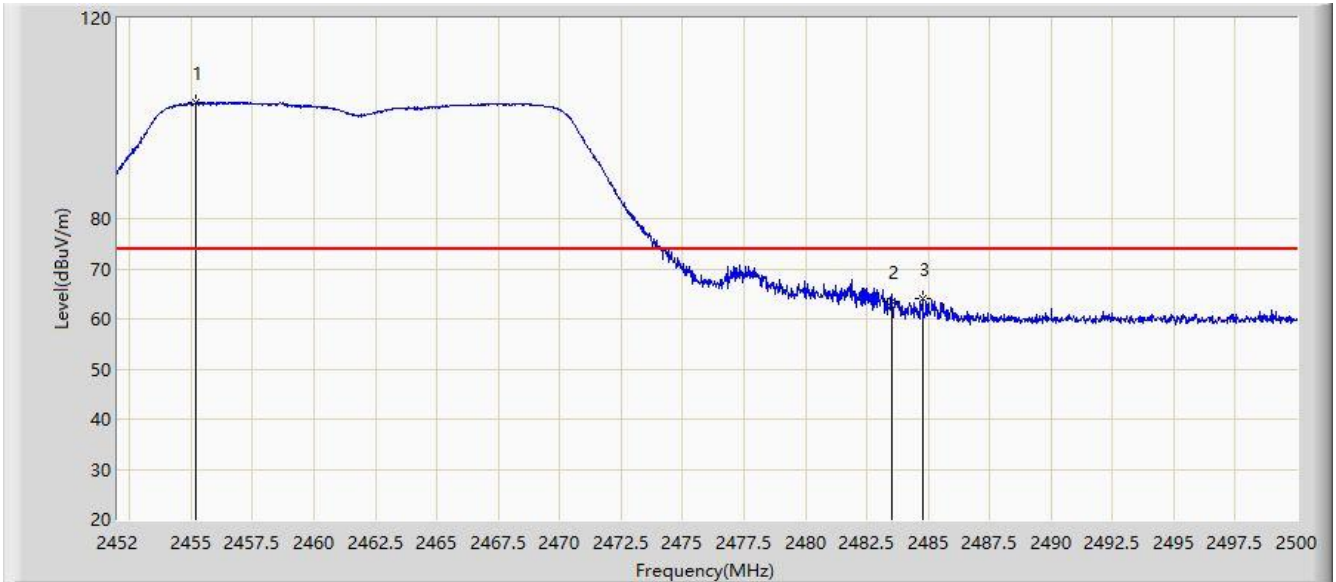


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2355.584	48.108	15.421	-5.892	54.000	32.687	AV
2			2390.000	47.866	15.205	-6.134	54.000	32.660	AV
3		*	2406.376	93.585	60.958	N/A	N/A	32.627	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

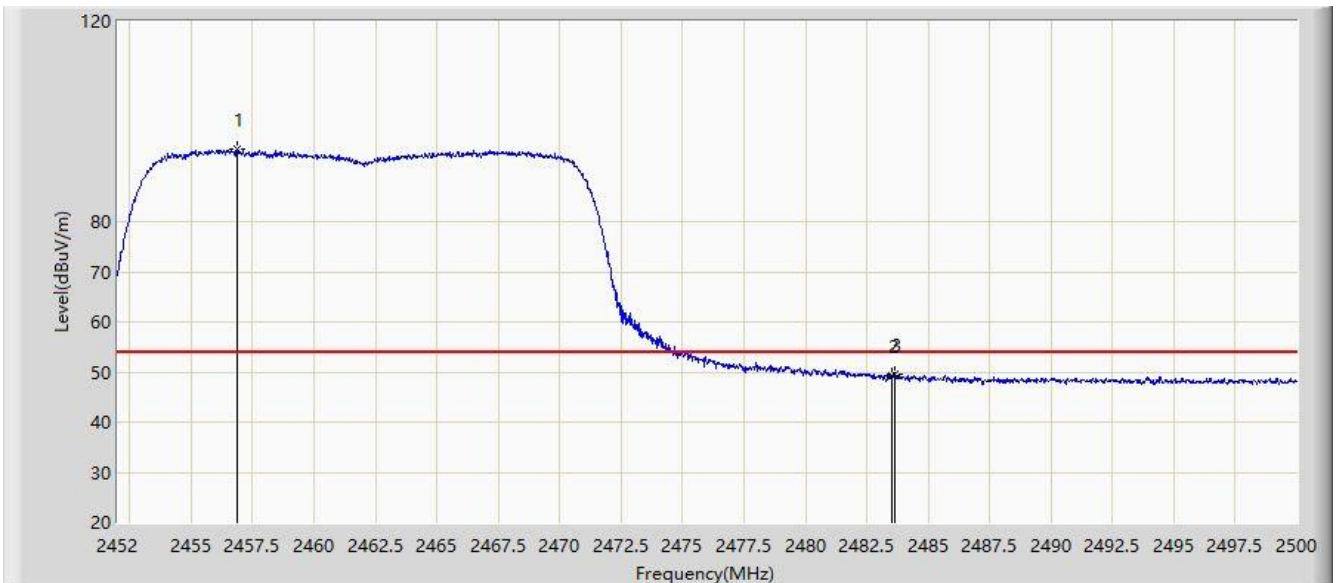


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2455.216	103.093	70.456	N/A	N/A	32.637	PK
2			2483.500	63.344	30.643	-10.656	74.000	32.701	PK
3			2484.760	63.968	31.250	-10.032	74.000	32.718	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

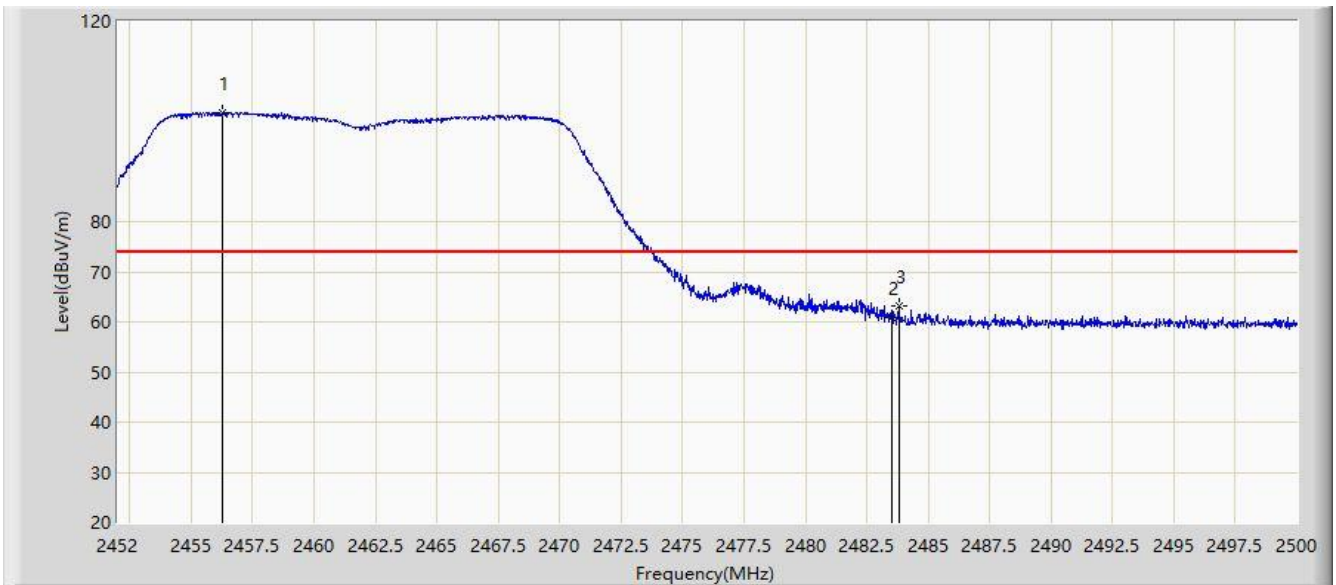


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2456.872	94.473	61.852	N/A	N/A	32.621	AV
2			2483.500	49.291	16.590	-4.709	54.000	32.701	AV
3			2483.632	49.695	16.993	-4.305	54.000	32.702	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

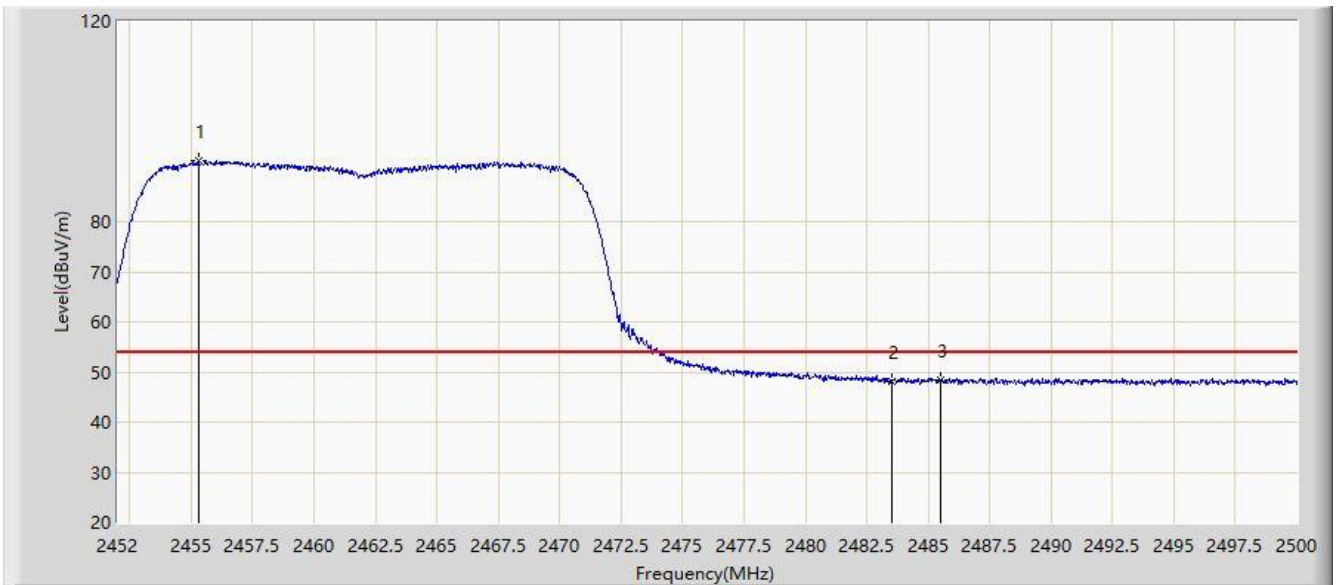


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2456.272	101.855	69.228	N/A	N/A	32.626	PK
2			2483.500	60.902	28.201	-13.098	74.000	32.701	PK
3			2483.800	63.149	30.444	-10.851	74.000	32.705	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

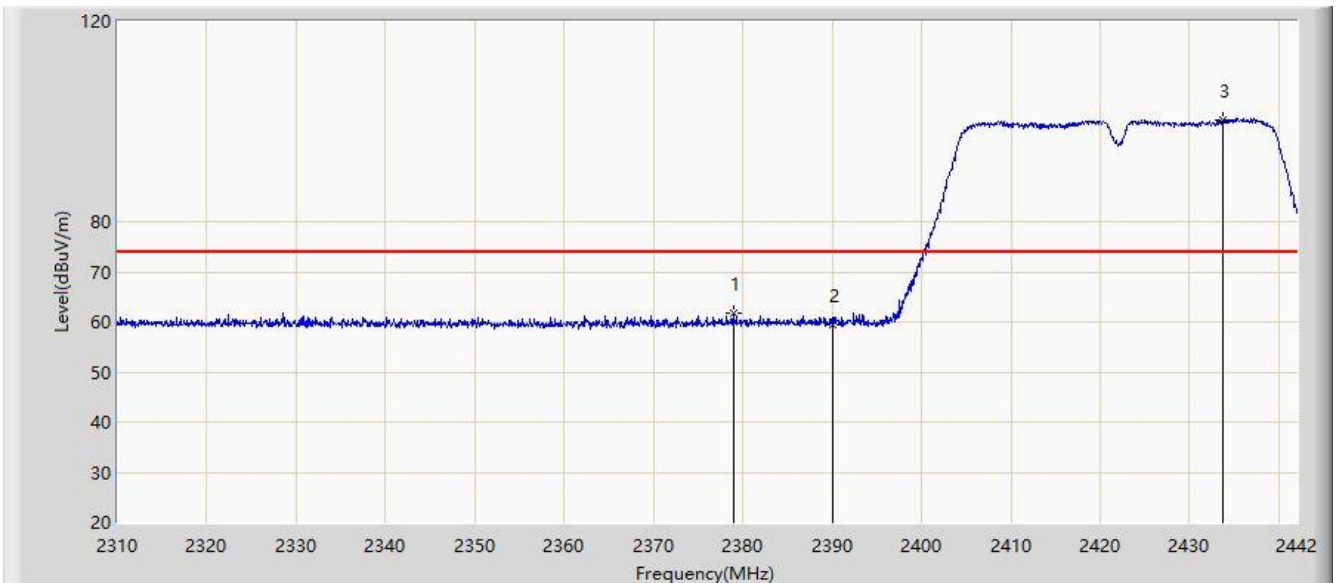


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2455.288	92.080	59.444	N/A	N/A	32.637	AV
2			2483.500	48.087	15.386	-5.913	54.000	32.701	AV
3			2485.504	48.534	15.805	-5.466	54.000	32.728	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

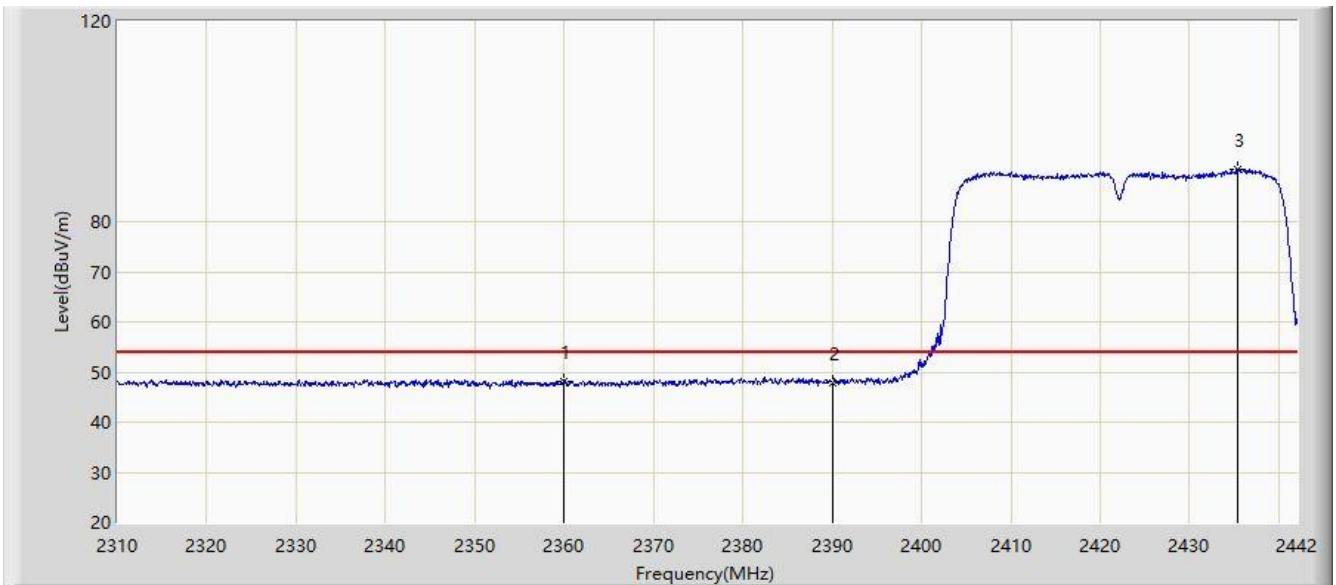


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2378.904	61.705	28.843	-12.295	74.000	32.862	PK
2			2390.000	59.366	26.705	-14.634	74.000	32.660	PK
3		*	2433.750	100.282	67.757	N/A	N/A	32.525	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

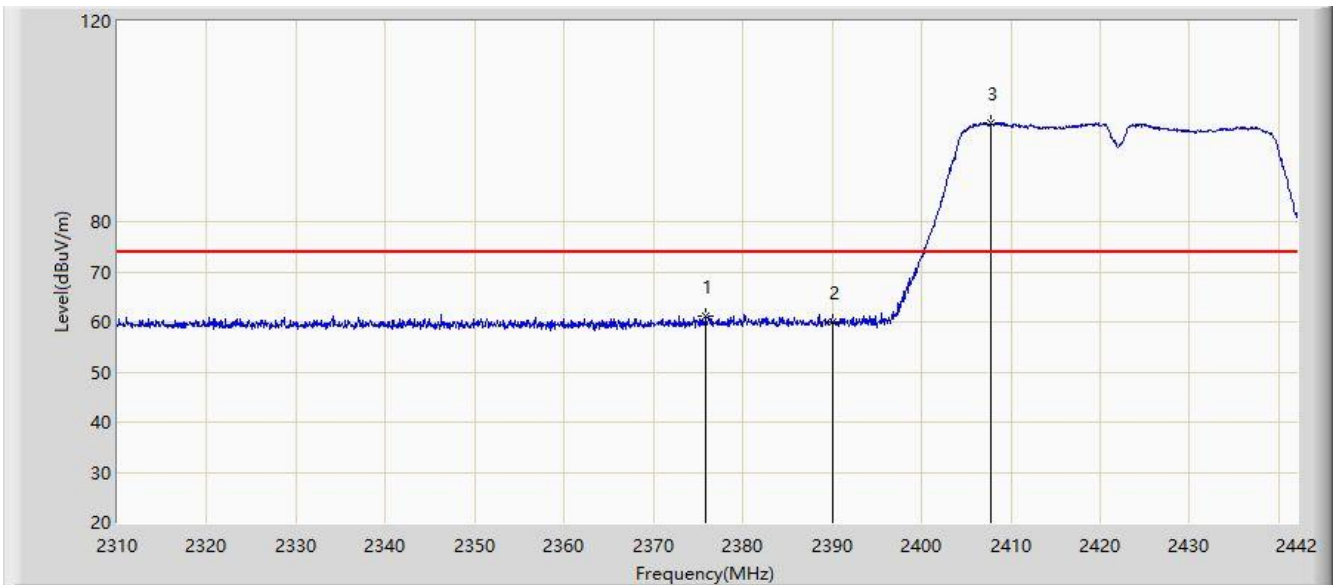


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2359.962	48.213	15.559	-5.787	54.000	32.653	AV
2			2390.000	47.855	15.194	-6.145	54.000	32.660	AV
3		*	2435.334	90.381	57.843	N/A	N/A	32.538	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

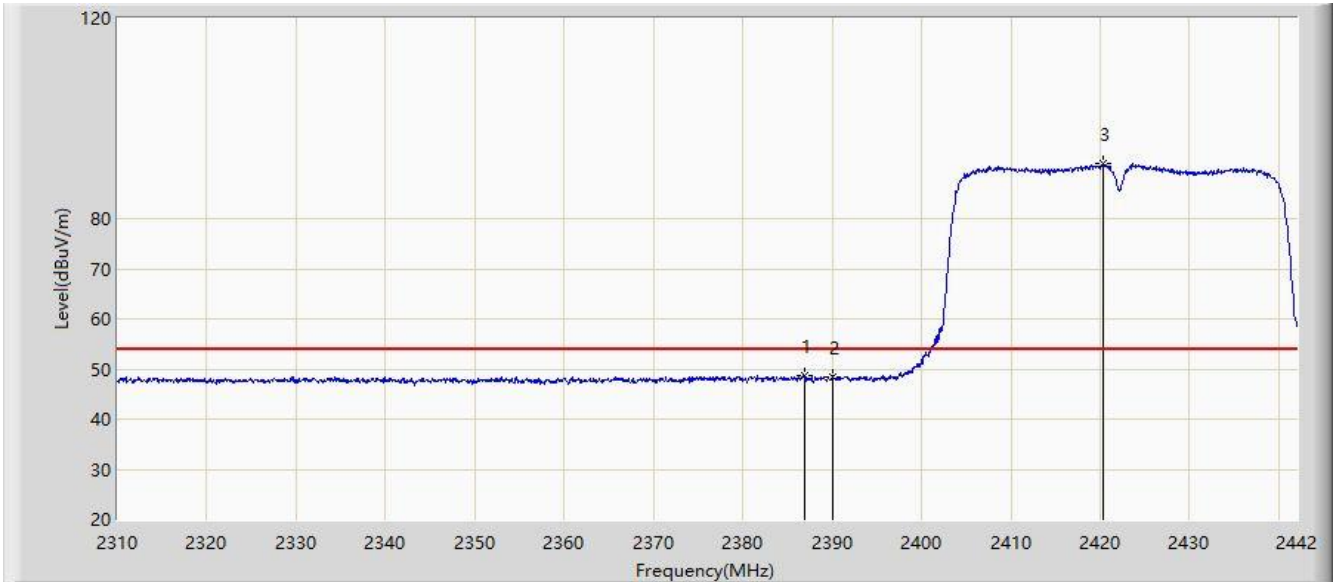


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2375.868	61.242	28.421	-12.758	74.000	32.821	PK
2			2390.000	59.958	27.297	-14.042	74.000	32.660	PK
3		*	2407.746	99.661	67.015	N/A	N/A	32.646	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

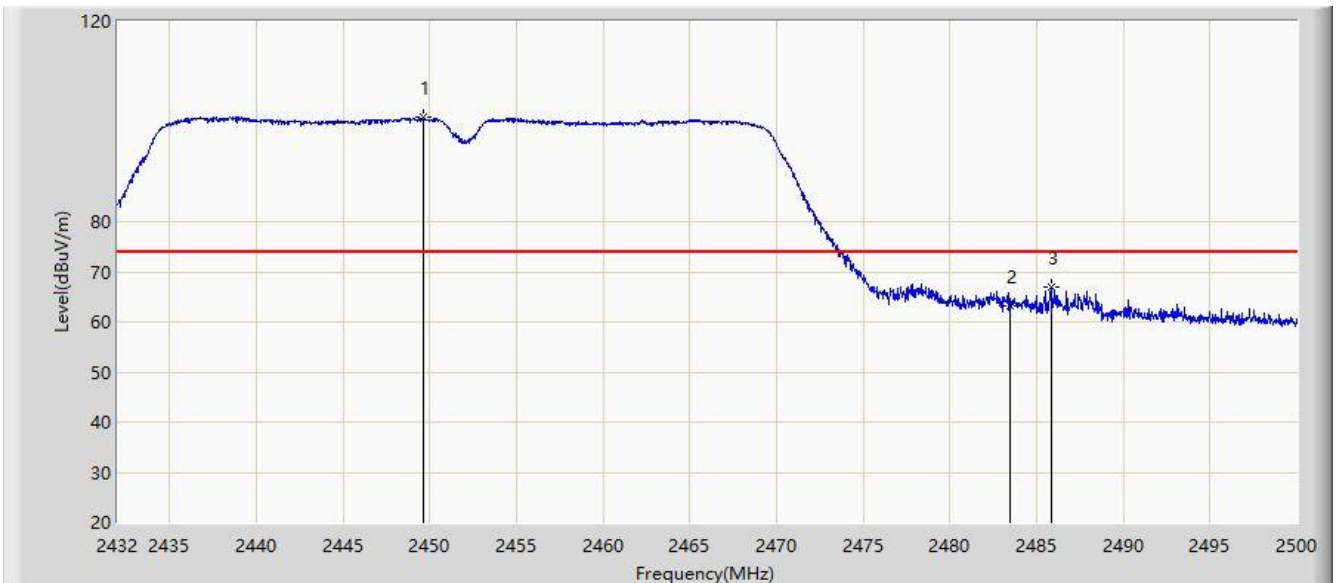


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			2386.890	48.710	15.985	-5.290	54.000	32.724	AV
2			2390.000	48.525	15.864	-5.475	54.000	32.660	AV
3		*	2420.352	90.973	58.277	N/A	N/A	32.697	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

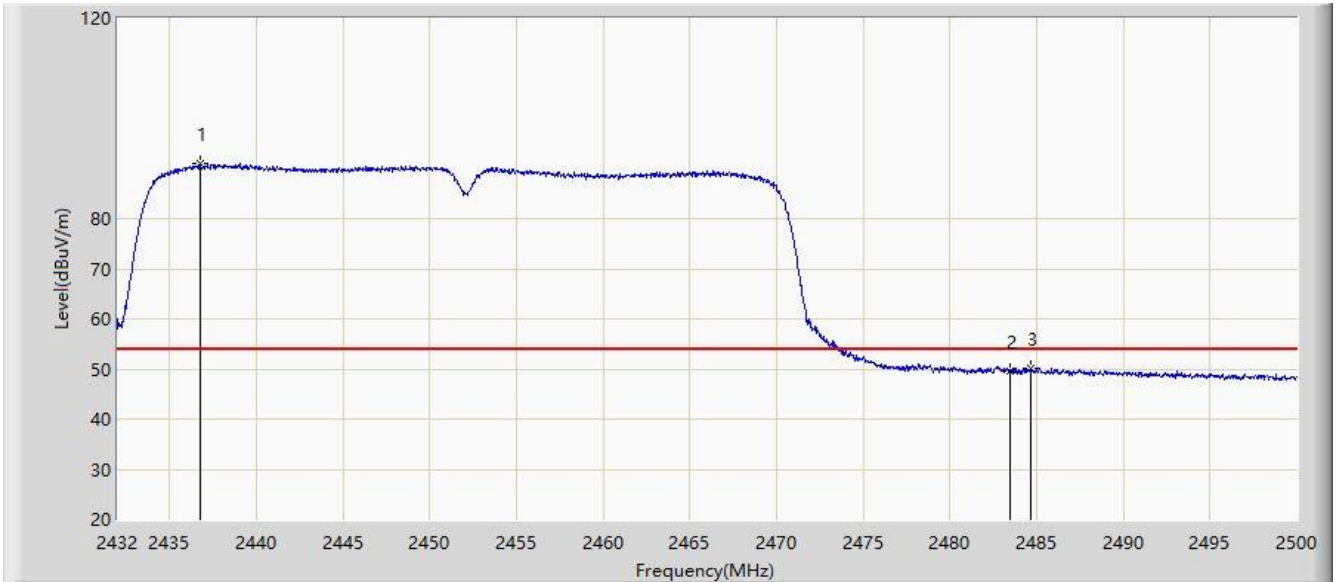


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2449.680	100.981	68.323	N/A	N/A	32.658	PK
2			2483.500	63.300	30.599	-10.700	74.000	32.701	PK
3			2485.890	66.976	34.242	-7.024	74.000	32.734	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

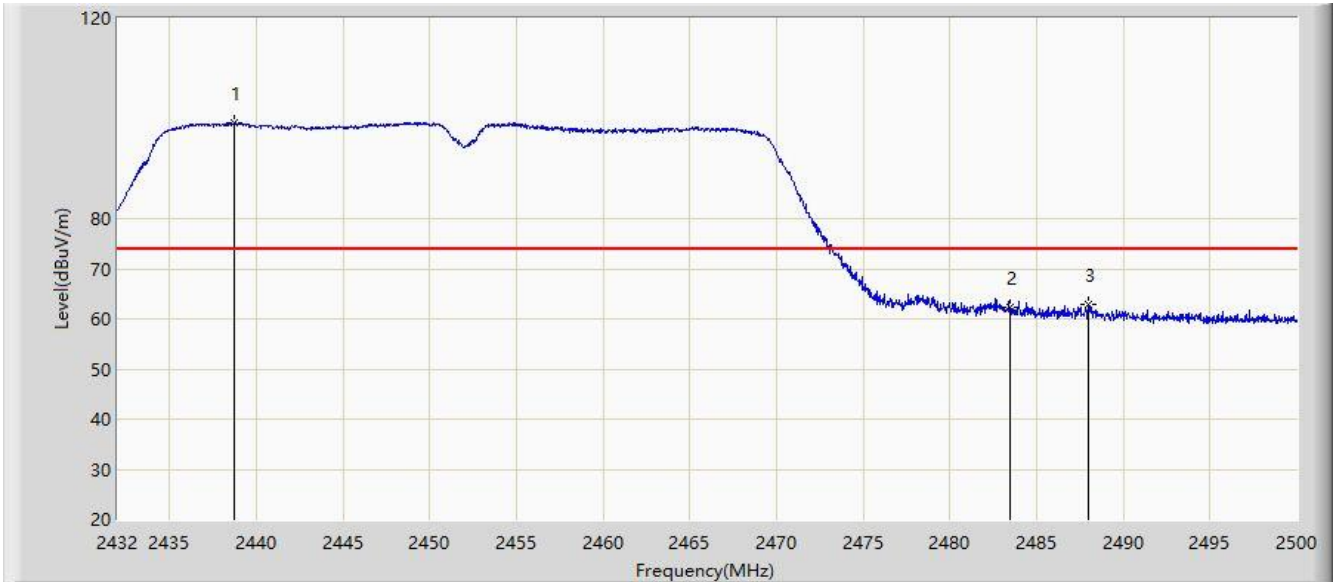


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2436.760	90.944	58.394	N/A	N/A	32.550	AV
2			2483.500	49.572	16.871	-4.428	54.000	32.701	AV
3			2484.632	50.010	17.294	-3.990	54.000	32.716	AV

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

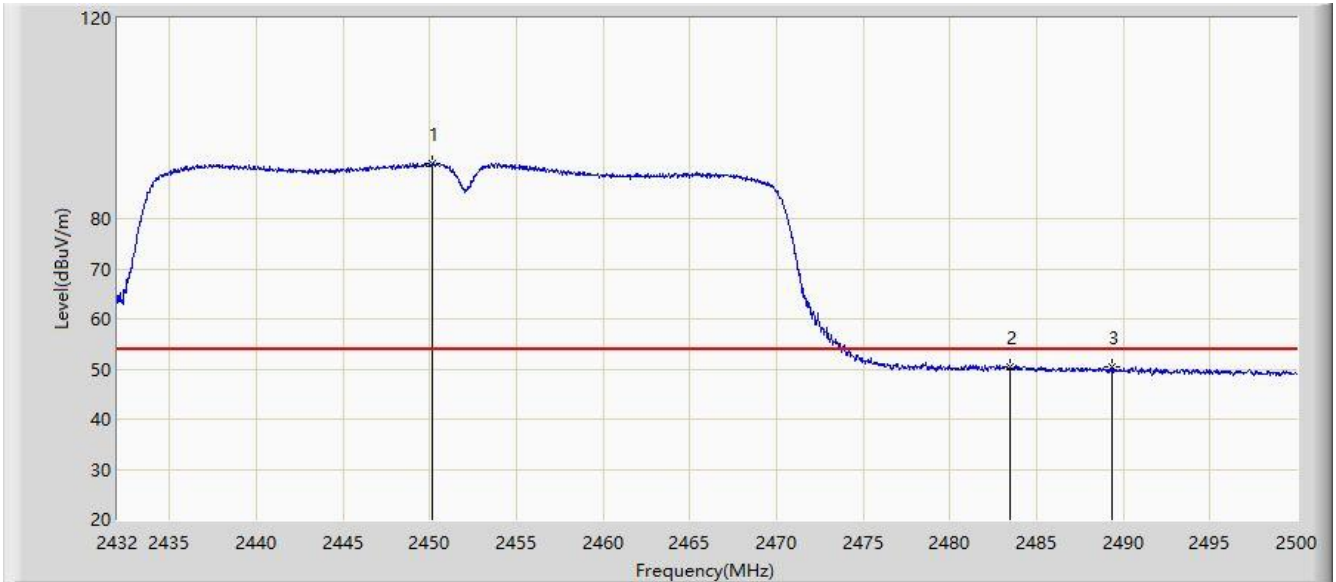


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2438.732	99.043	66.476	N/A	N/A	32.567	PK
2			2483.500	62.337	29.636	-11.663	74.000	32.701	PK
3			2487.964	62.962	30.208	-11.038	74.000	32.754	PK

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

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

Site: WZ-AC2	Time: 2020/11/16 - 18:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	



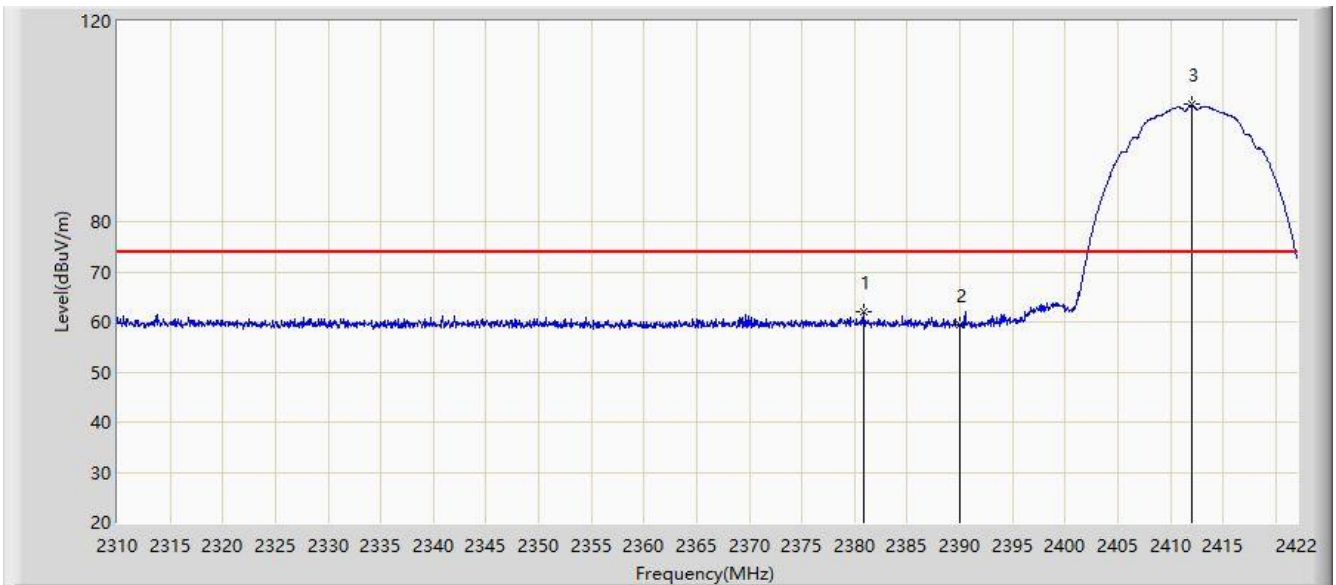
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	2450.190	90.978	58.316	N/A	N/A	32.662	AV
2			2483.500	50.336	17.635	-3.664	54.000	32.701	AV
3			2489.324	50.391	17.648	-3.609	54.000	32.744	AV

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: 2020/11/18 - 09:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

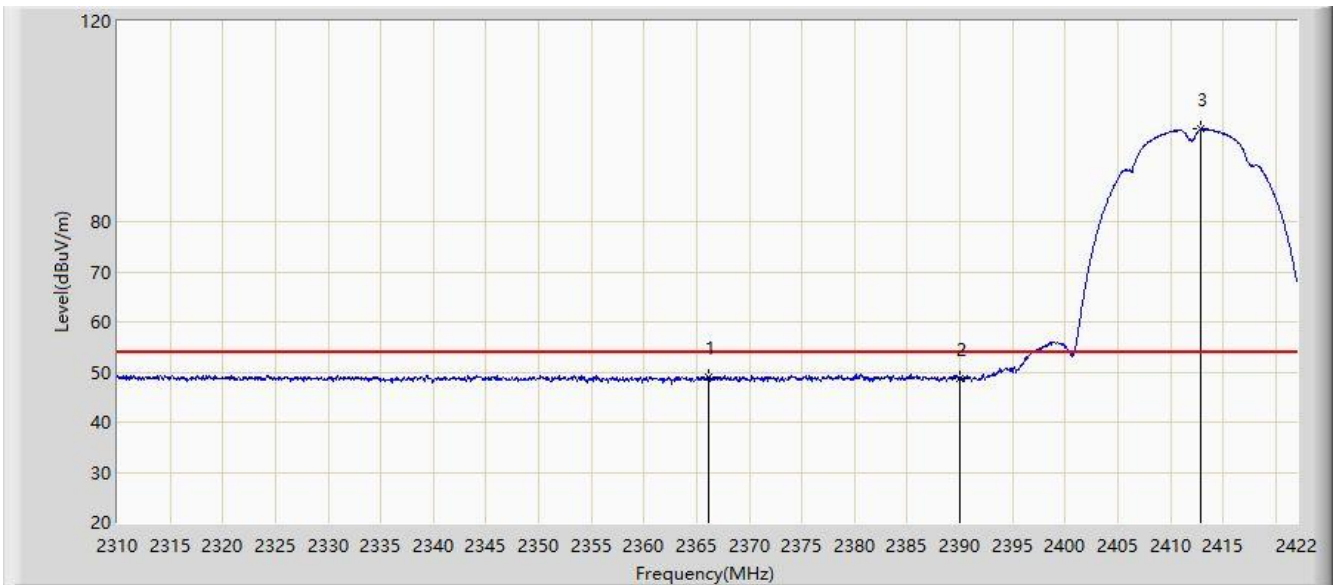


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.896	61.939	29.090	-12.061	74.000	32.849	PK
2			2390.000	59.339	26.678	-14.661	74.000	32.660	PK
3		*	2411.976	103.399	70.694	N/A	N/A	32.705	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 09:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

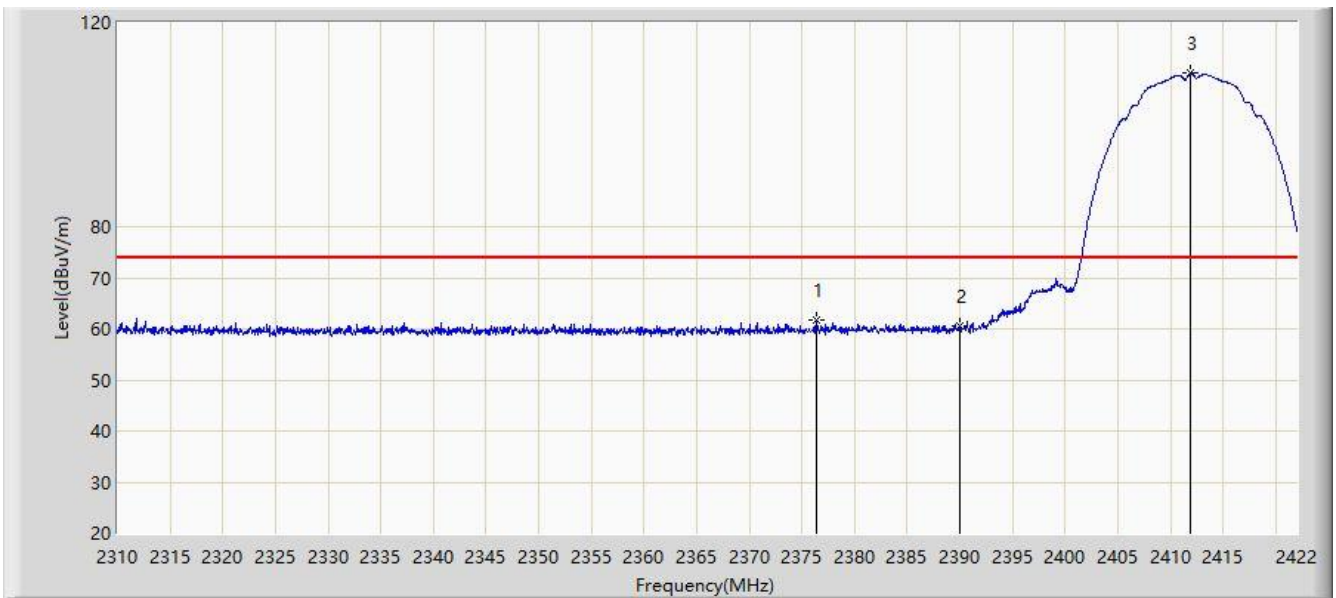


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2366.168	49.081	16.384	-4.919	54.000	32.697	AV
2			2390.000	48.748	16.087	-5.252	54.000	32.660	AV
3		*	2412.872	98.428	65.711	N/A	N/A	32.717	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

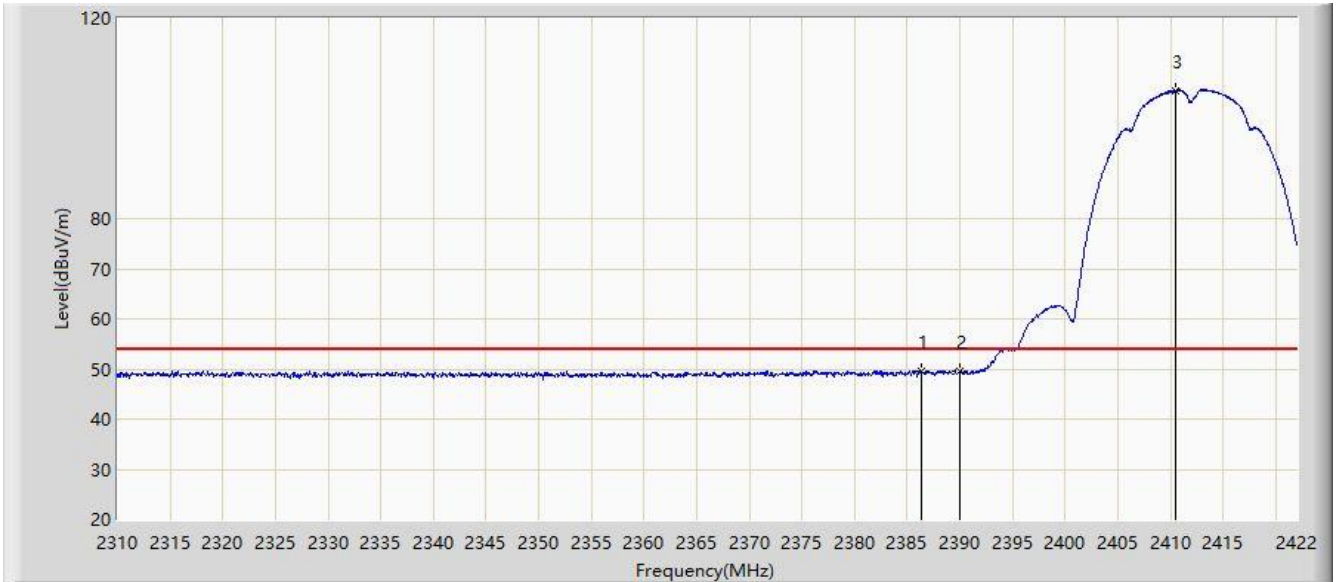


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.416	61.793	28.965	-12.207	74.000	32.828	PK
2			2390.000	60.584	27.923	-13.416	74.000	32.660	PK
3		*	2411.920	110.079	77.375	N/A	N/A	32.704	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz	

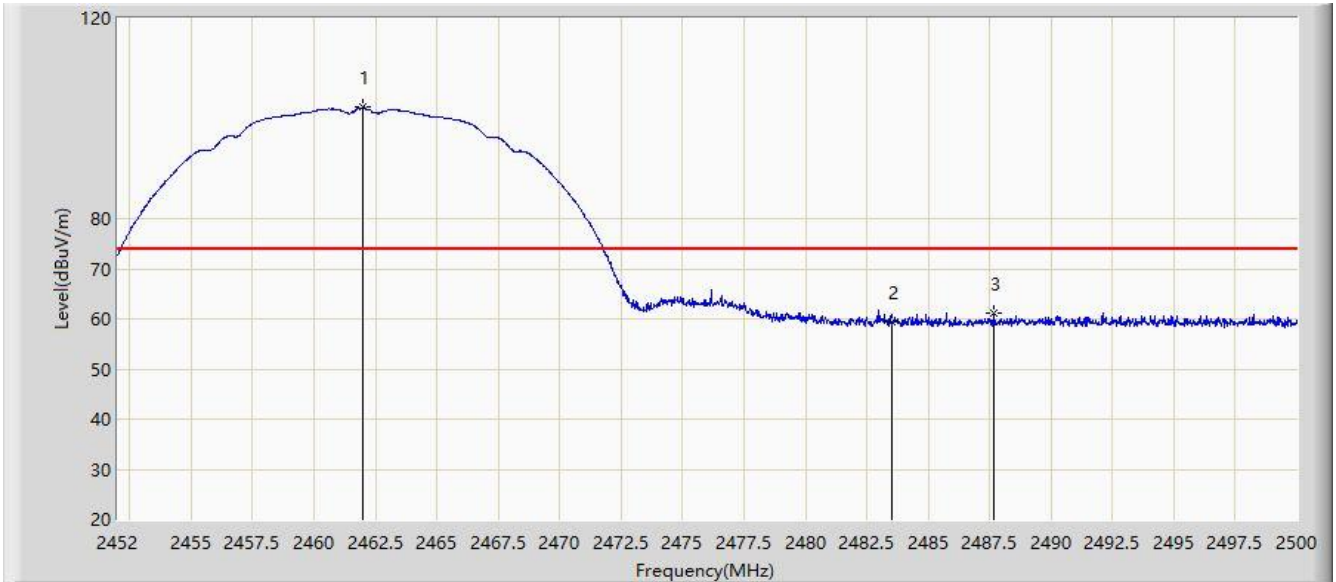


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.328	49.686	16.950	-4.314	54.000	32.737	AV
2			2390.000	49.664	17.003	-4.336	54.000	32.660	AV
3		*	2410.520	105.592	72.908	N/A	N/A	32.685	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

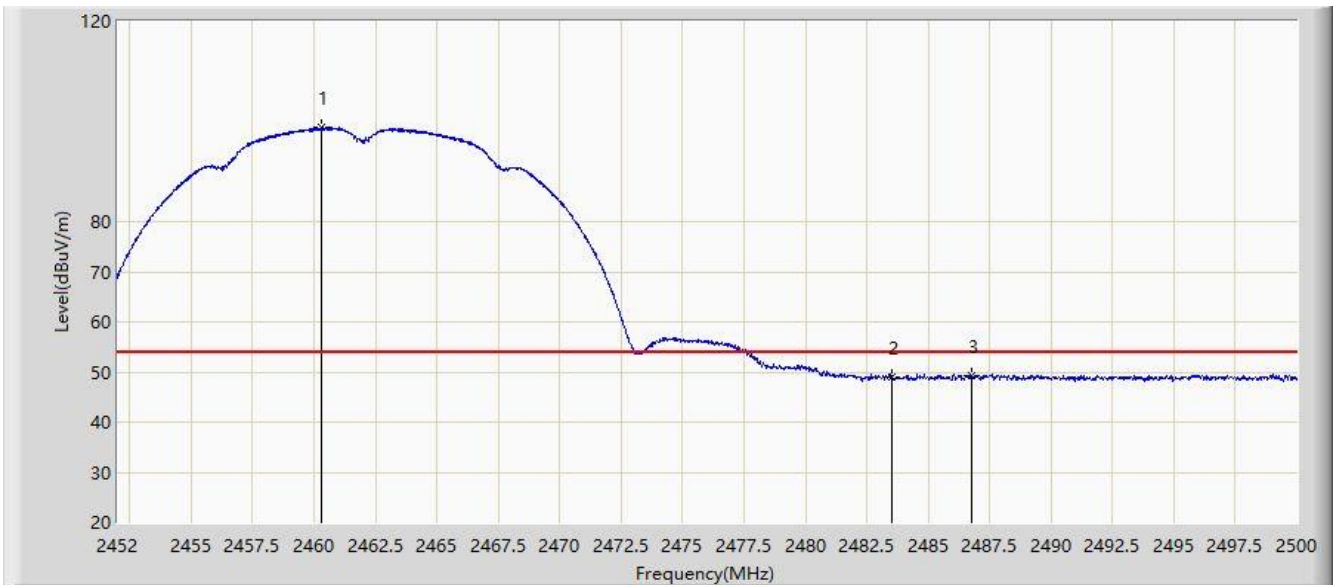


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.960	102.185	69.616	N/A	N/A	32.569	PK
2			2483.500	59.335	26.634	-14.665	74.000	32.701	PK
3			2487.640	61.139	28.382	-12.861	74.000	32.757	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

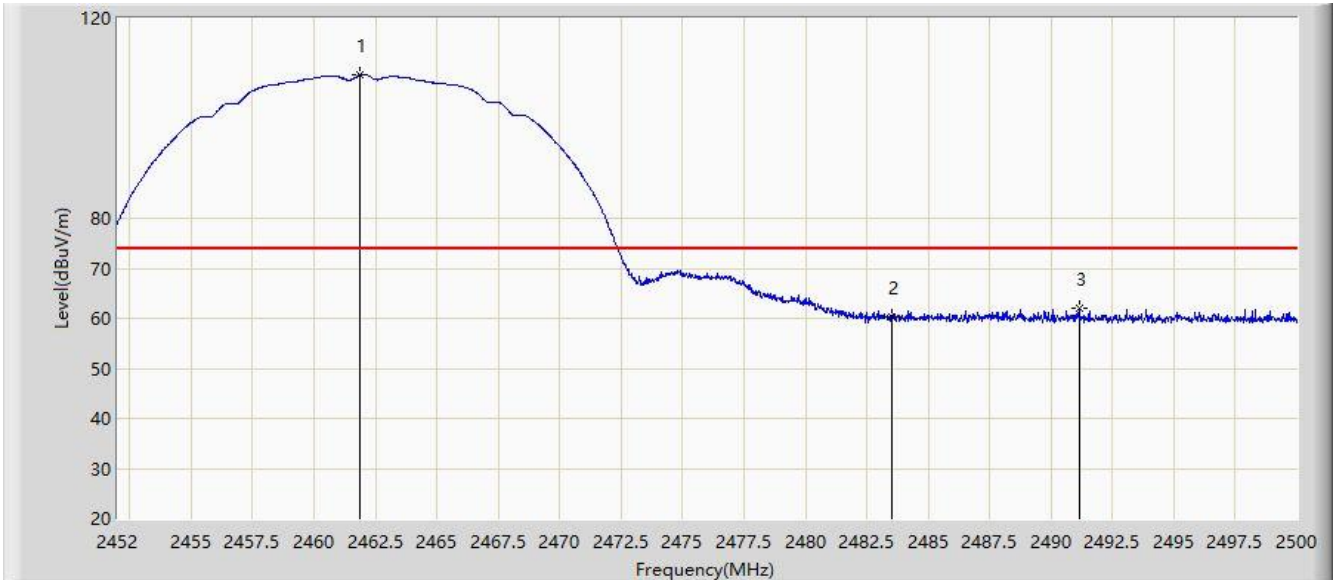


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.304	98.736	66.150	N/A	N/A	32.586	AV
2			2483.500	48.965	16.264	-5.035	54.000	32.701	AV
3			2486.776	49.409	16.663	-4.591	54.000	32.746	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

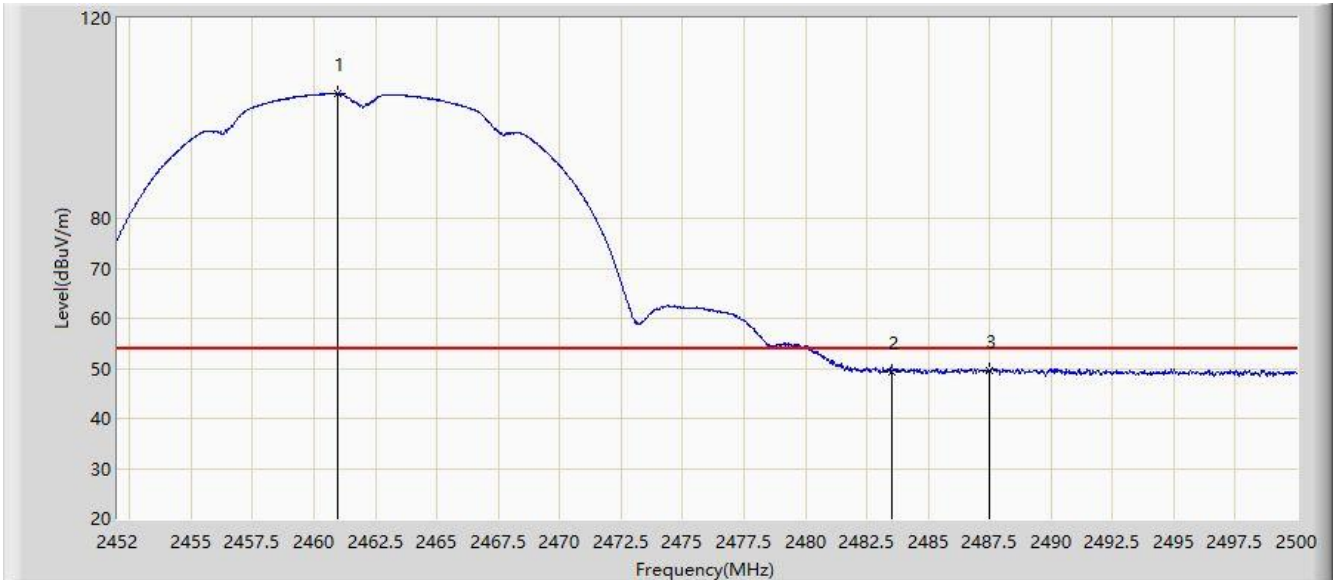


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.840	108.770	76.199	N/A	N/A	32.570	PK
2			2483.500	60.335	27.634	-13.665	74.000	32.701	PK
3			2491.144	62.087	29.358	-11.913	74.000	32.729	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	

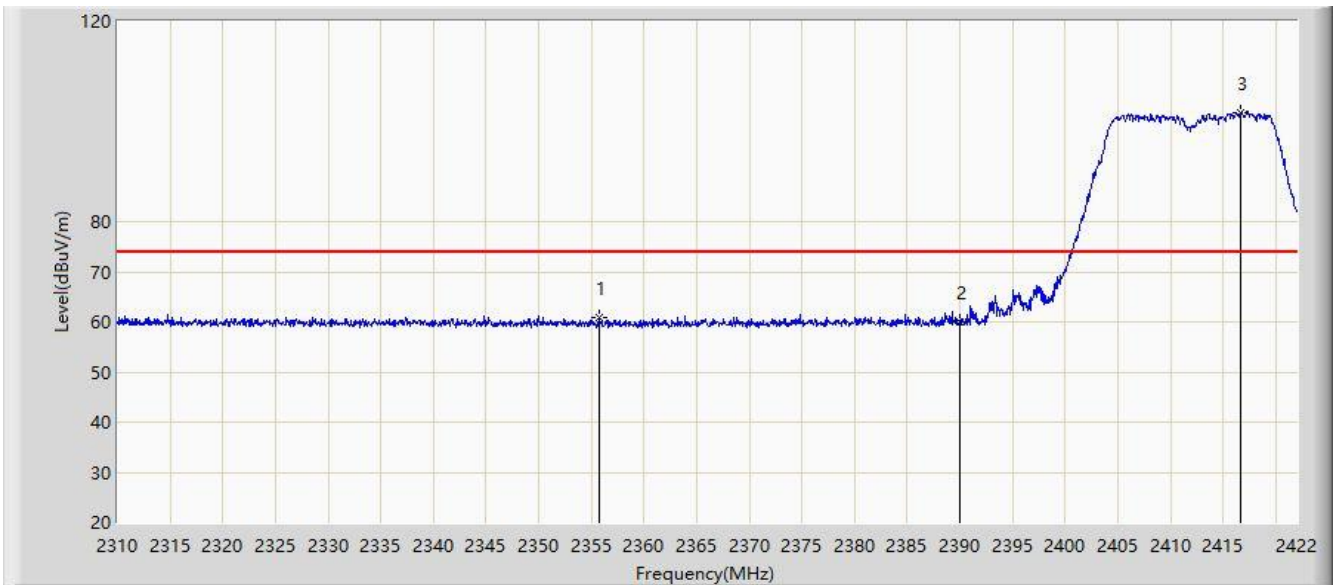


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.976	104.939	72.360	N/A	N/A	32.579	AV
2			2483.500	49.177	16.476	-4.823	54.000	32.701	AV
3			2487.496	49.683	16.927	-4.317	54.000	32.757	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

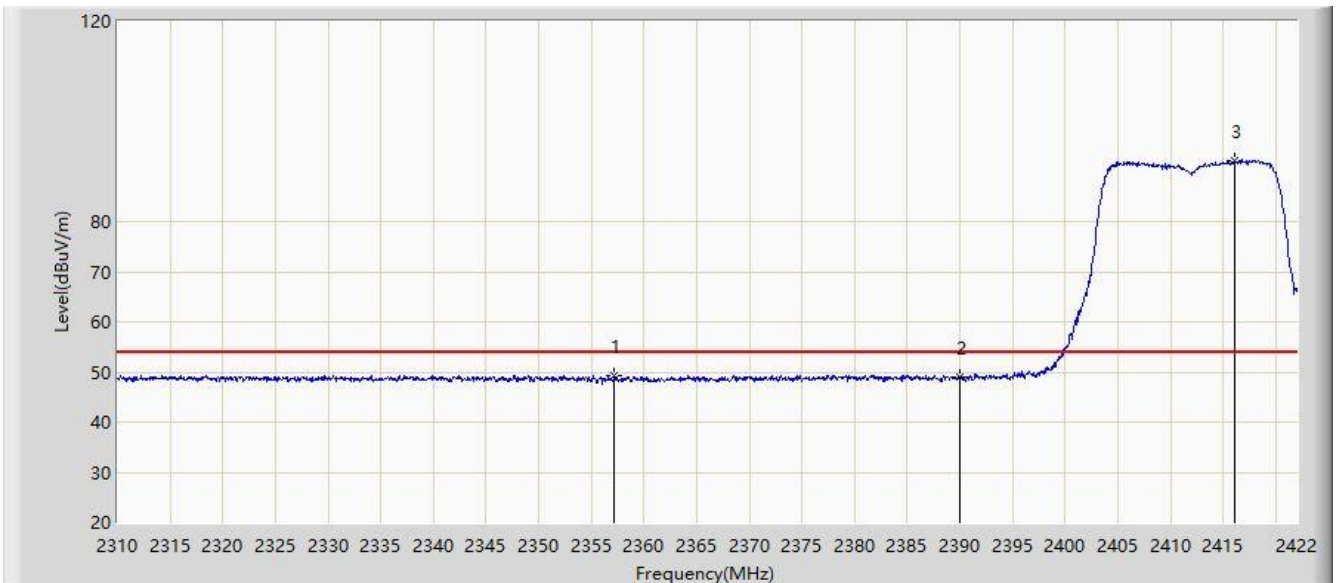


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2355.696	60.818	28.132	-13.182	74.000	32.686	PK
2			2390.000	60.111	27.450	-13.889	74.000	32.660	PK
3		*	2416.736	101.865	69.122	N/A	N/A	32.742	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

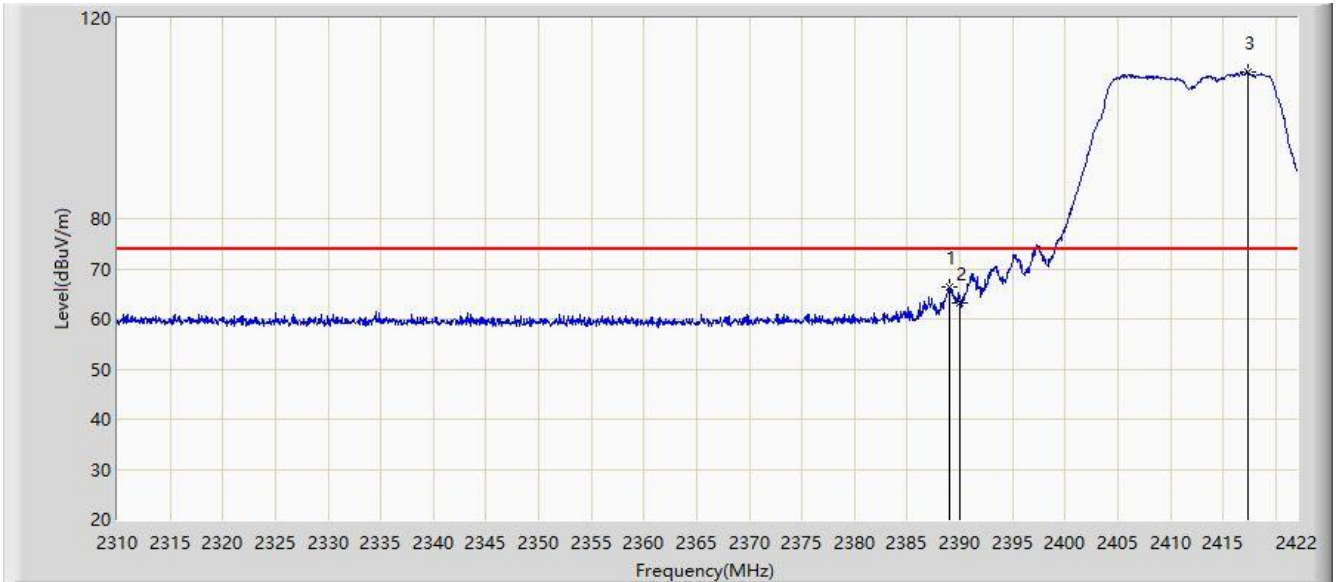


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2357.152	49.135	16.460	-4.865	54.000	32.675	AV
2			2390.000	48.885	16.224	-5.115	54.000	32.660	AV
3		*	2416.064	92.214	59.463	N/A	N/A	32.751	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

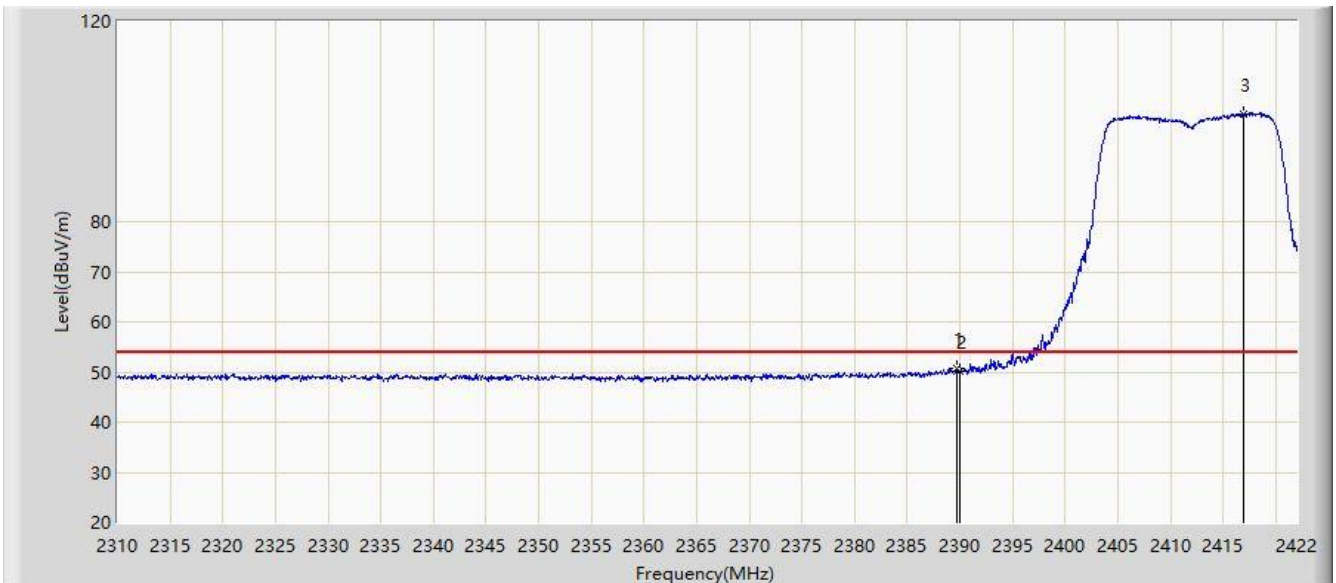


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	66.362	33.681	-7.638	74.000	32.681	PK
2			2390.000	63.145	30.484	-10.855	74.000	32.660	PK
3		*	2417.352	109.347	76.612	N/A	N/A	32.735	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz	

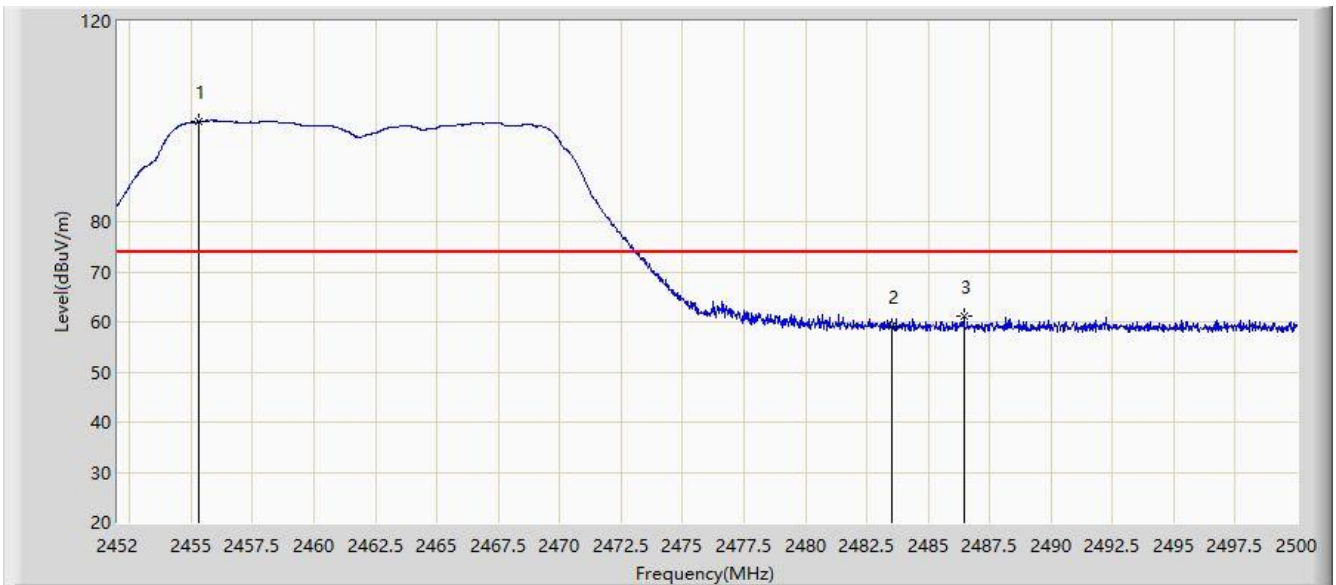


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	50.704	18.038	-3.296	54.000	32.666	AV
2			2390.000	50.091	17.430	-3.909	54.000	32.660	AV
3		*	2416.960	101.567	68.827	N/A	N/A	32.74.0	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

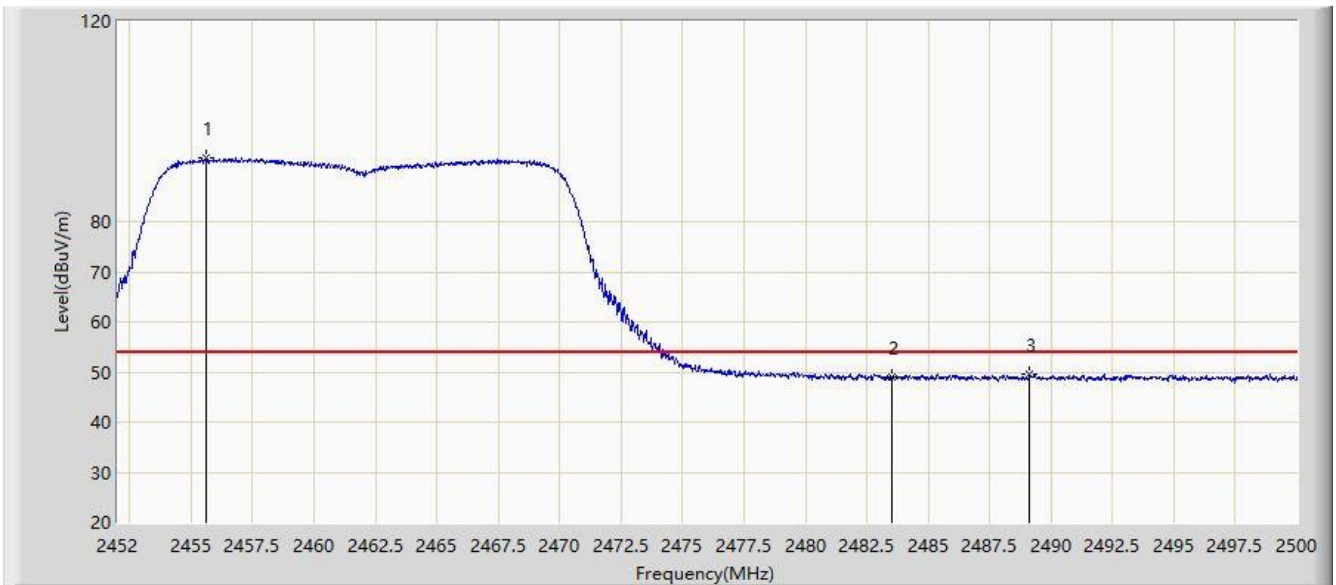


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.336	99.976	67.340	N/A	N/A	32.636	PK
2			2483.500	59.136	26.435	-14.864	74.000	32.701	PK
3			2486.440	61.195	28.453	-12.805	74.000	32.742	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

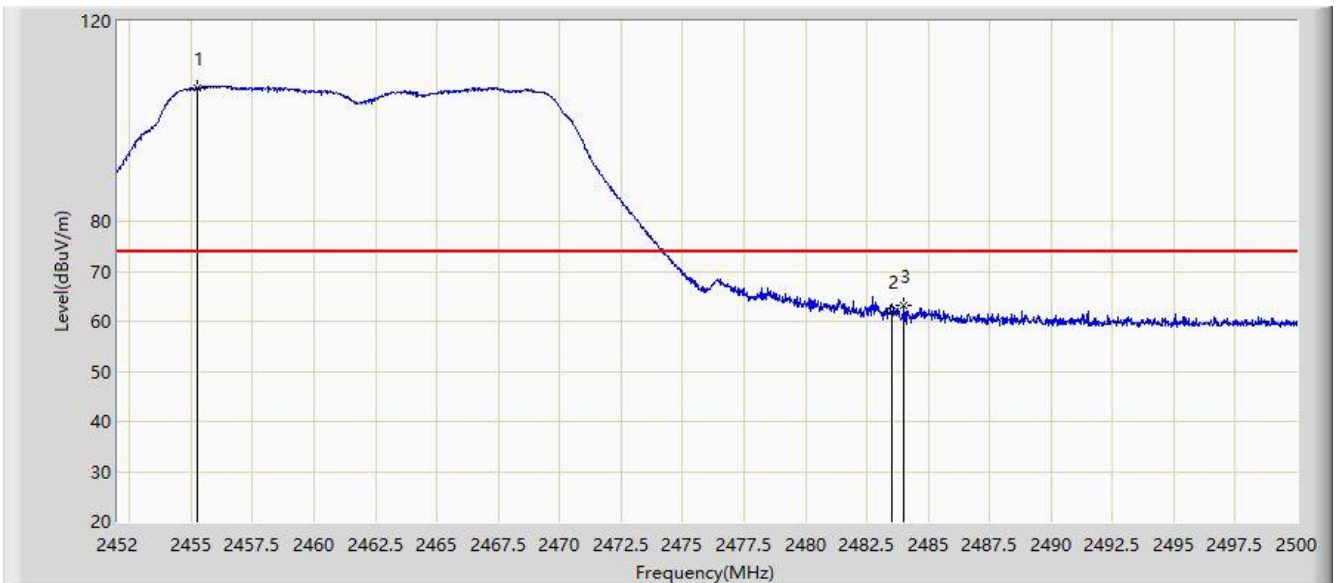


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.600	92.736	60.103	N/A	N/A	32.633	AV
2			2483.500	48.914	16.213	-5.086	54.000	32.701	AV
3			2489.128	49.679	16.934	-4.321	54.000	32.745	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

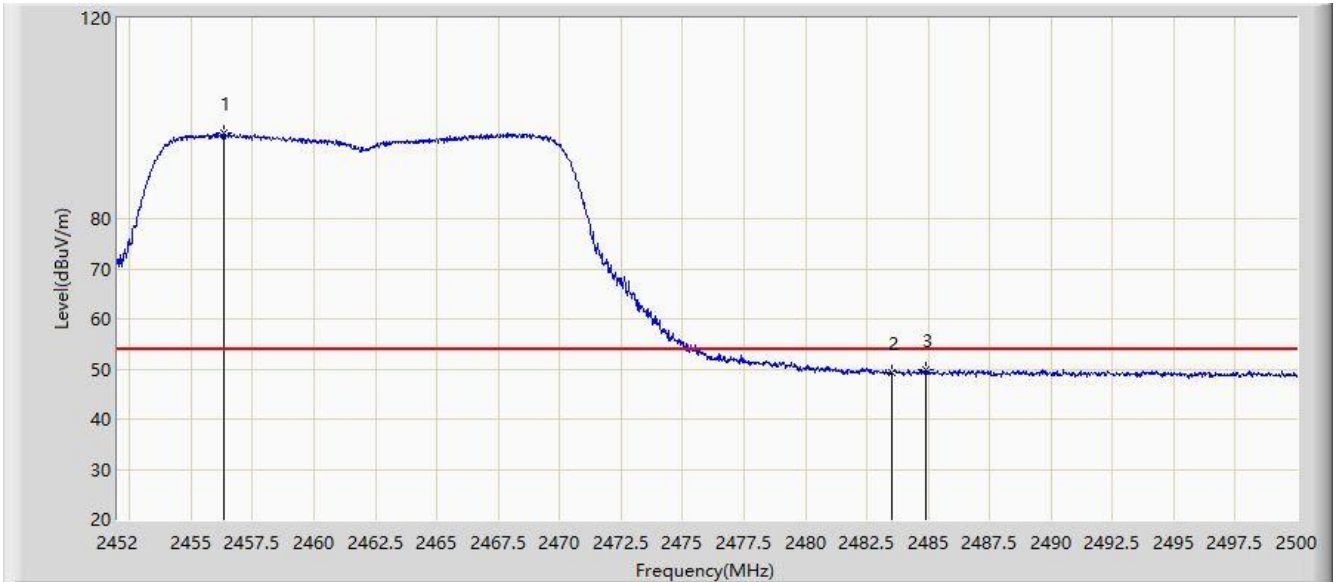


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.264	106.805	74.168	N/A	N/A	32.637	PK
2			2483.500	62.134	29.433	-11.866	74.000	32.701	PK
3			2484.016	63.084	30.376	-10.916	74.000	32.708	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz	

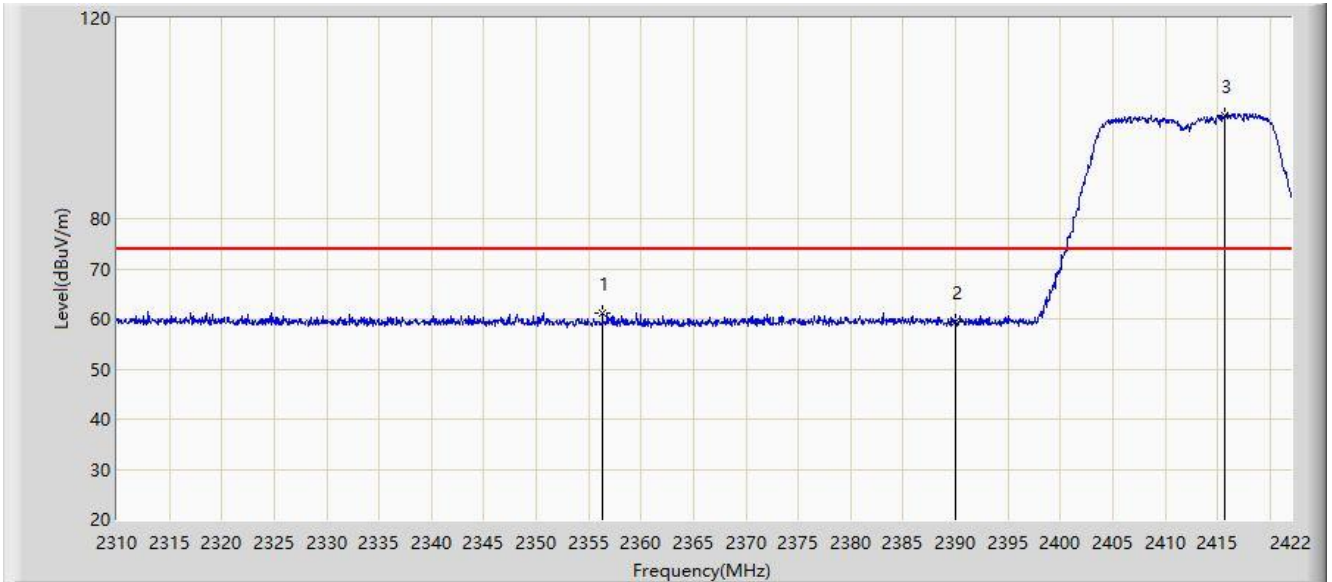


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.344	97.138	64.512	N/A	N/A	32.626	AV
2			2483.500	49.345	16.644	-4.655	54.000	32.701	AV
3			2484.880	49.741	17.021	-4.259	54.000	32.720	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

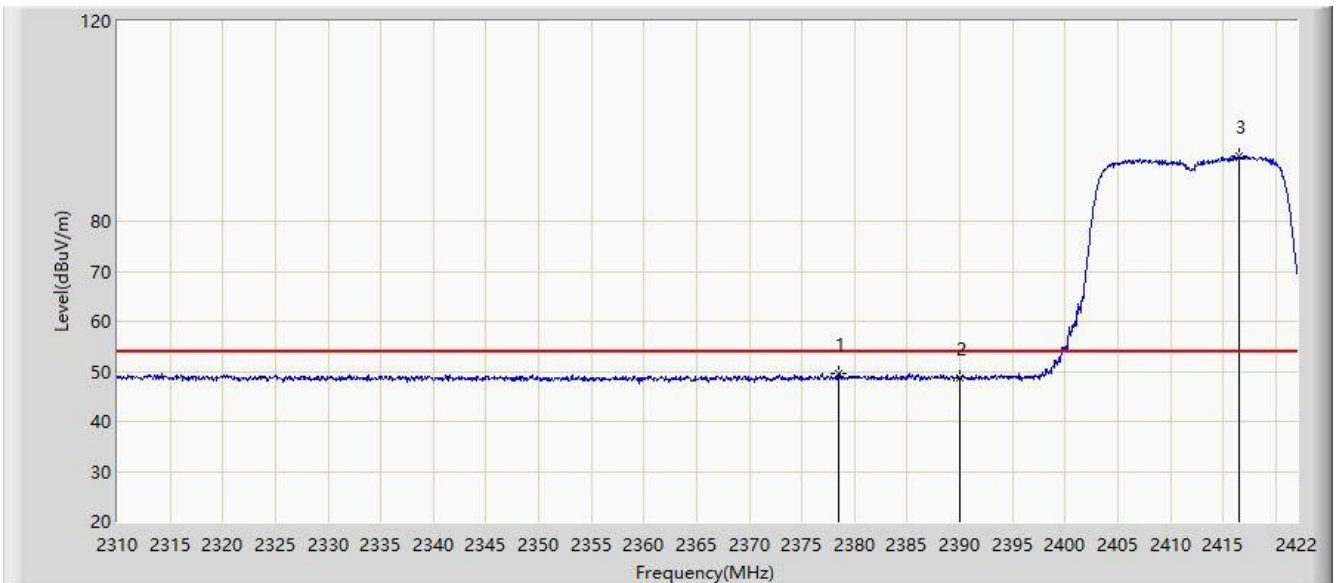


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2356.312	61.217	28.536	-12.783	74.000	32.682	PK
2			2390.000	59.419	26.758	-14.581	74.000	32.660	PK
3		*	2415.616	100.621	67.865	N/A	N/A	32.755	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

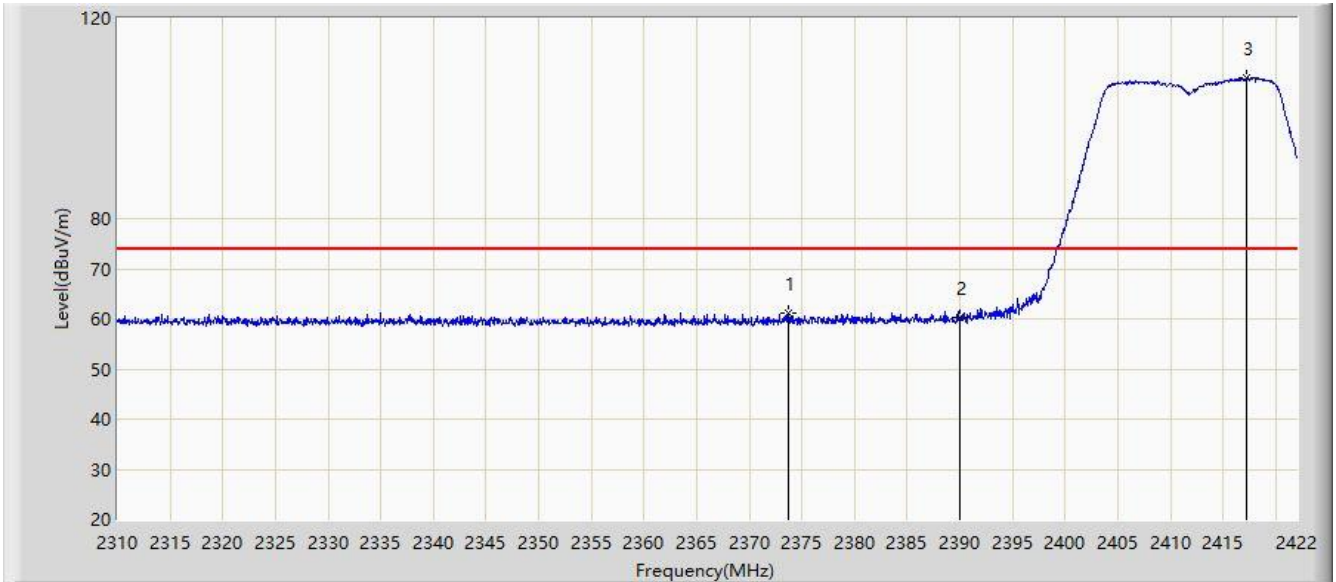


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.432	49.496	16.641	-4.504	54.000	32.855	AV
2			2390.000	48.566	15.905	-5.434	54.000	32.660	AV
3		*	2416.512	93.168	60.422	N/A	N/A	32.745	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

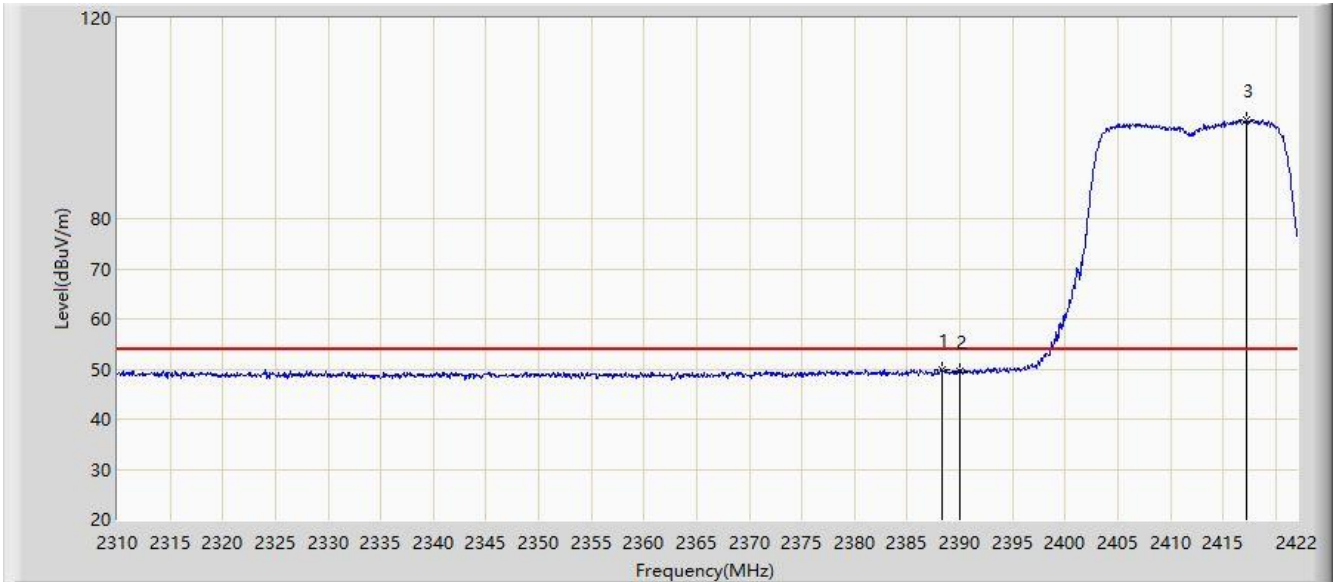


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.784	61.267	28.473	-12.733	74.000	32.794	PK
2			2390.000	60.174	27.513	-13.826	74.000	32.660	PK
3		*	2417.296	108.096	75.361	N/A	N/A	32.736	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

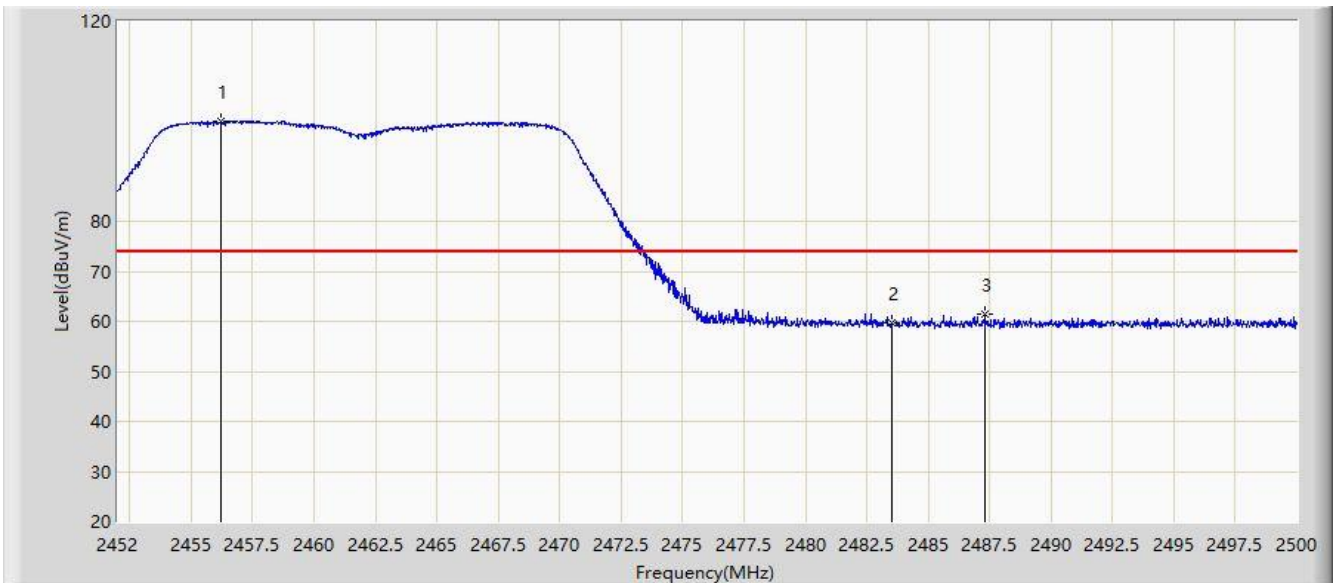


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.344	49.882	17.187	-4.118	54.000	32.695	AV
2			2390.000	49.688	17.027	-4.312	54.000	32.660	AV
3		*	2417.240	99.670	66.934	N/A	N/A	32.736	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

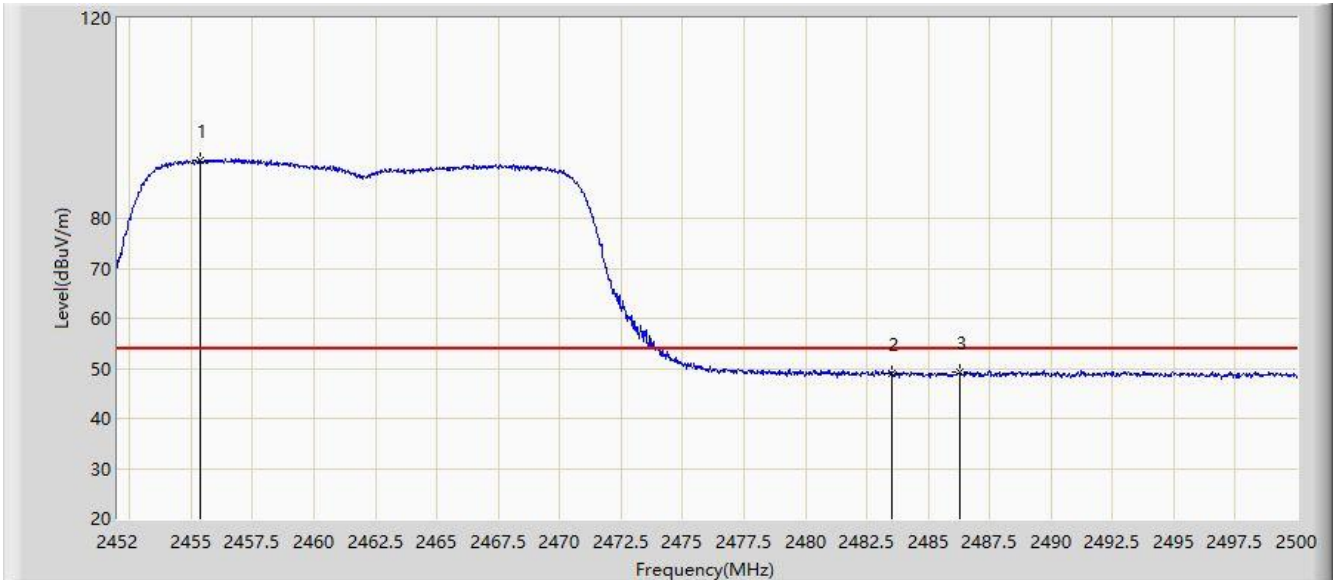


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.224	100.082	67.455	N/A	N/A	32.627	PK
2			2483.500	59.672	26.971	-14.328	74.000	32.701	PK
3			2487.304	61.426	28.672	-12.574	74.000	32.754	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

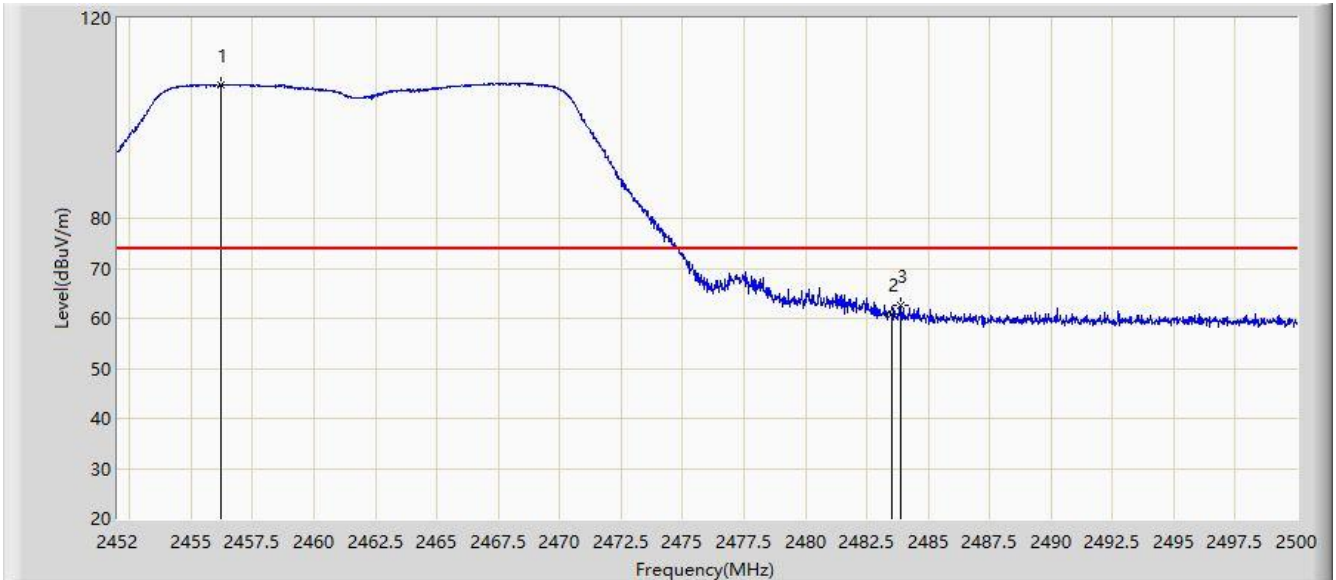


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.360	91.644	59.008	N/A	N/A	32.636	AV
2			2483.500	49.028	16.327	-4.972	54.000	32.701	AV
3			2486.272	49.350	16.611	-4.650	54.000	32.74.0	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

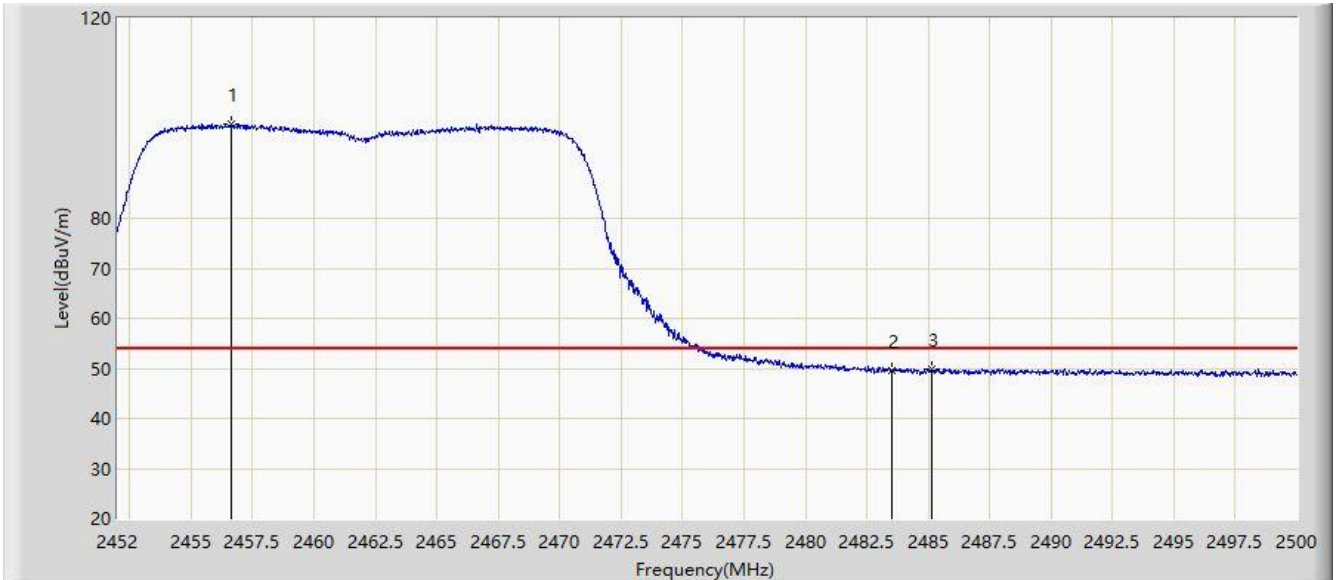


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.200	106.809	74.182	N/A	N/A	32.627	PK
2			2483.500	60.732	28.031	-13.268	74.000	32.701	PK
3			2483.872	62.727	30.021	-11.273	74.000	32.706	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

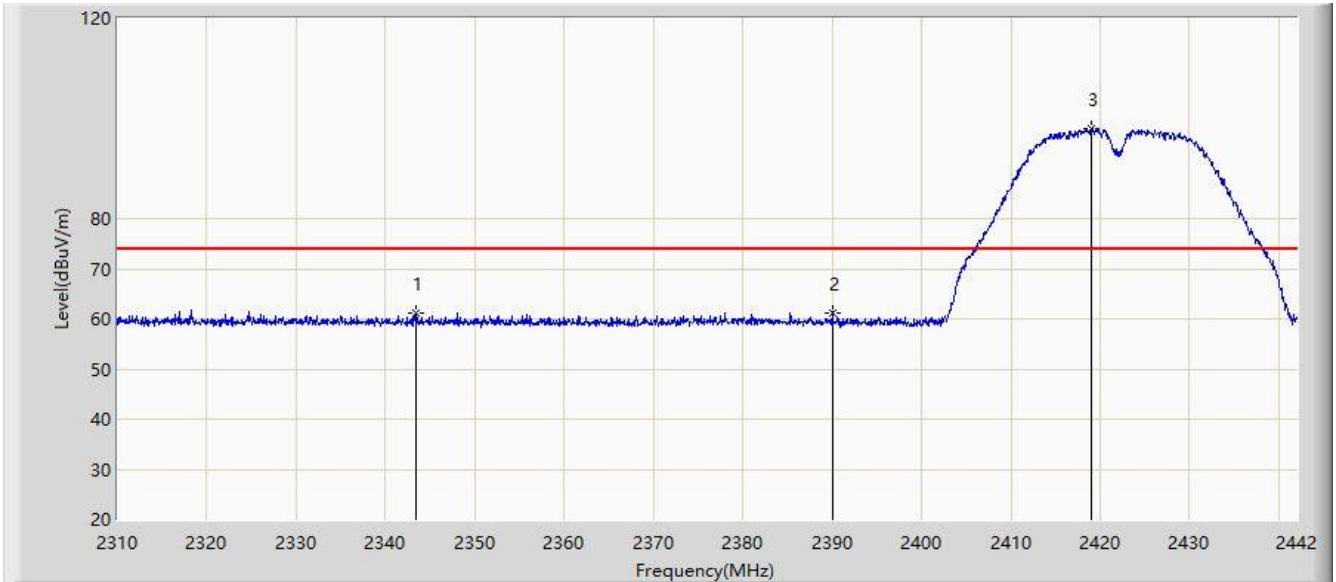


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.632	98.782	66.159	N/A	N/A	32.622	AV
2			2483.500	49.461	16.760	-4.539	54.000	32.701	AV
3			2485.144	49.999	17.276	-4.001	54.000	32.724	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

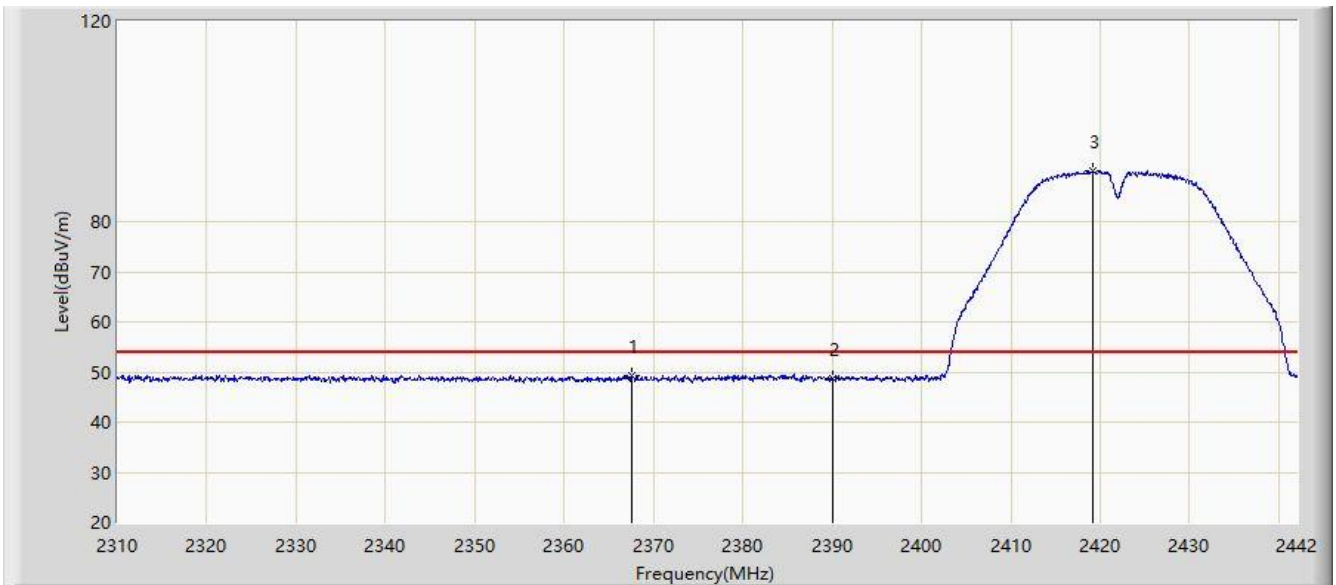


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2343.462	61.224	28.448	-12.776	74.000	32.775	PK
2			2390.000	61.025	28.364	-12.975	74.000	32.660	PK
3		*	2418.966	97.830	65.116	N/A	N/A	32.714	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

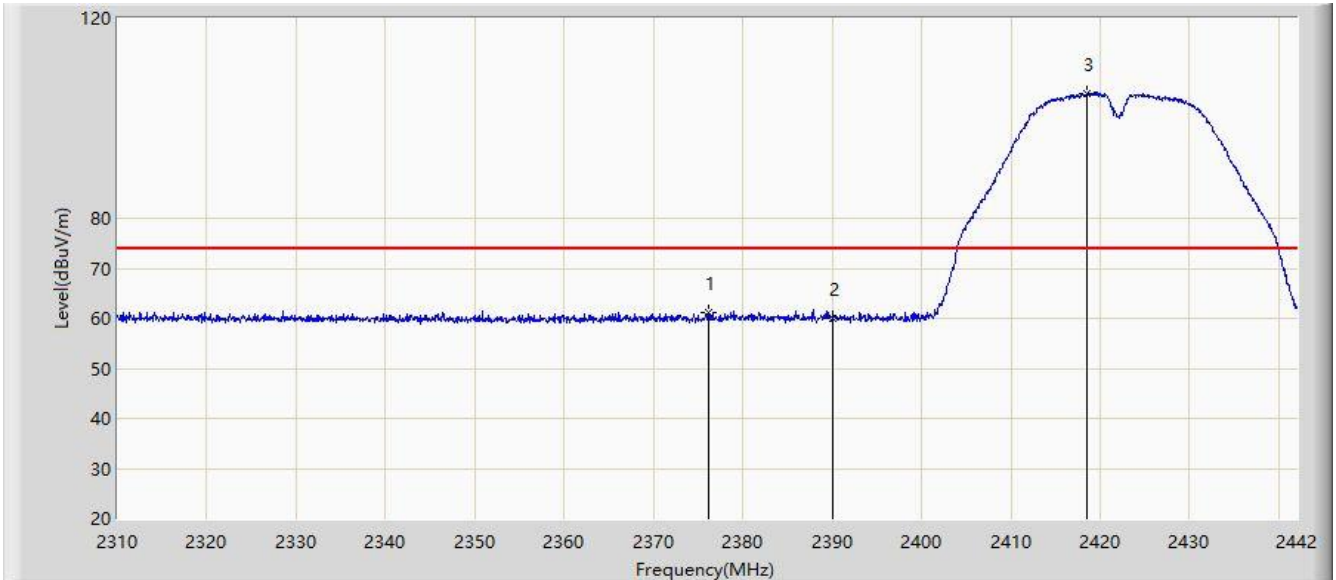


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2367.618	49.177	16.462	-4.823	54.000	32.715	AV
2			2390.000	48.645	15.984	-5.355	54.000	32.660	AV
3		*	2419.098	90.054	57.342	N/A	N/A	32.712	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

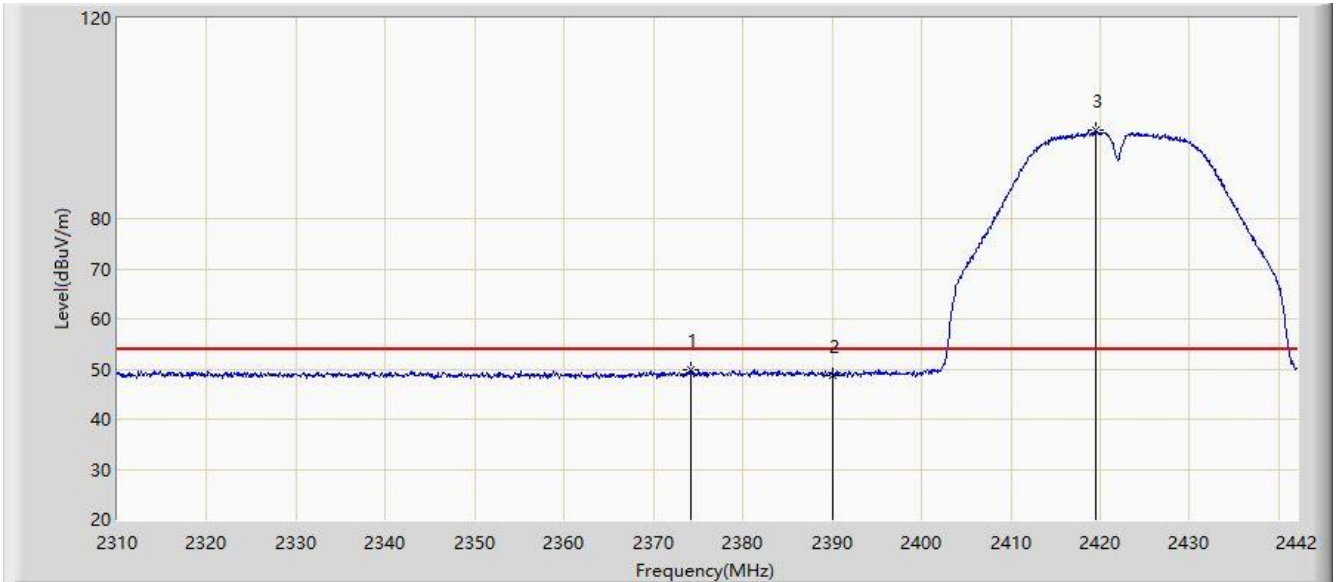


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.132	61.181	28.356	-12.819	74.000	32.825	PK
2			2390.000	59.917	27.256	-14.083	74.000	32.660	PK
3		*	2418.504	104.984	72.264	N/A	N/A	32.719	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 10:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

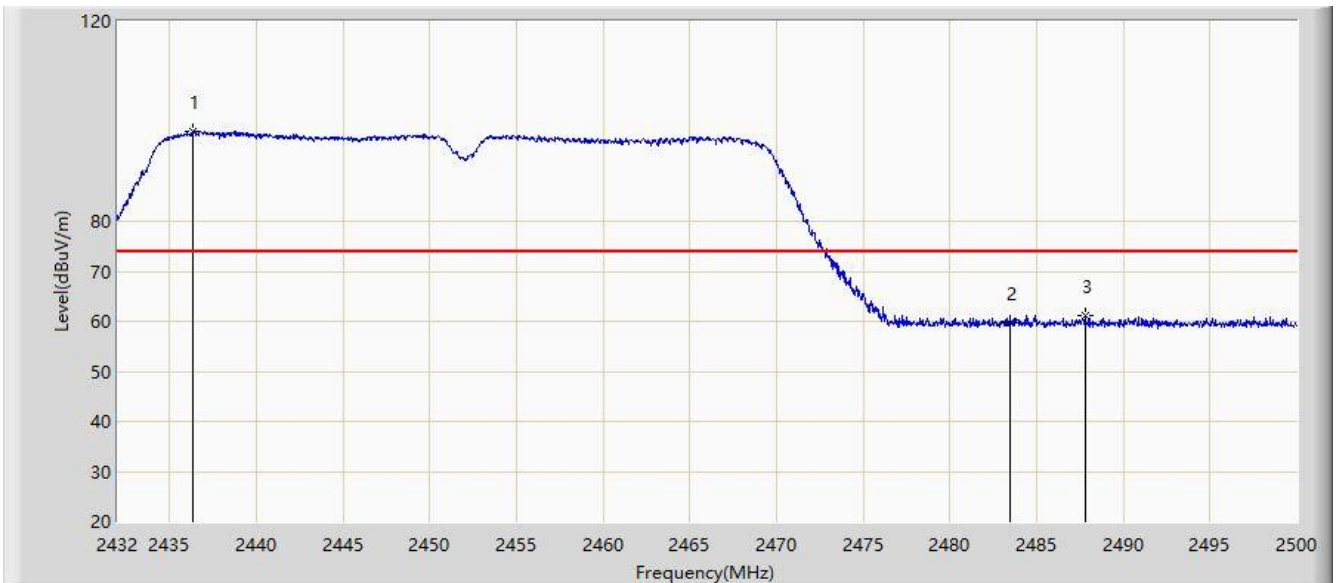


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.218	49.854	17.054	-4.146	54.000	32.800	AV
2			2390.000	48.727	16.066	-5.273	54.000	32.660	AV
3		*	2419.560	97.541	64.835	N/A	N/A	32.706	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

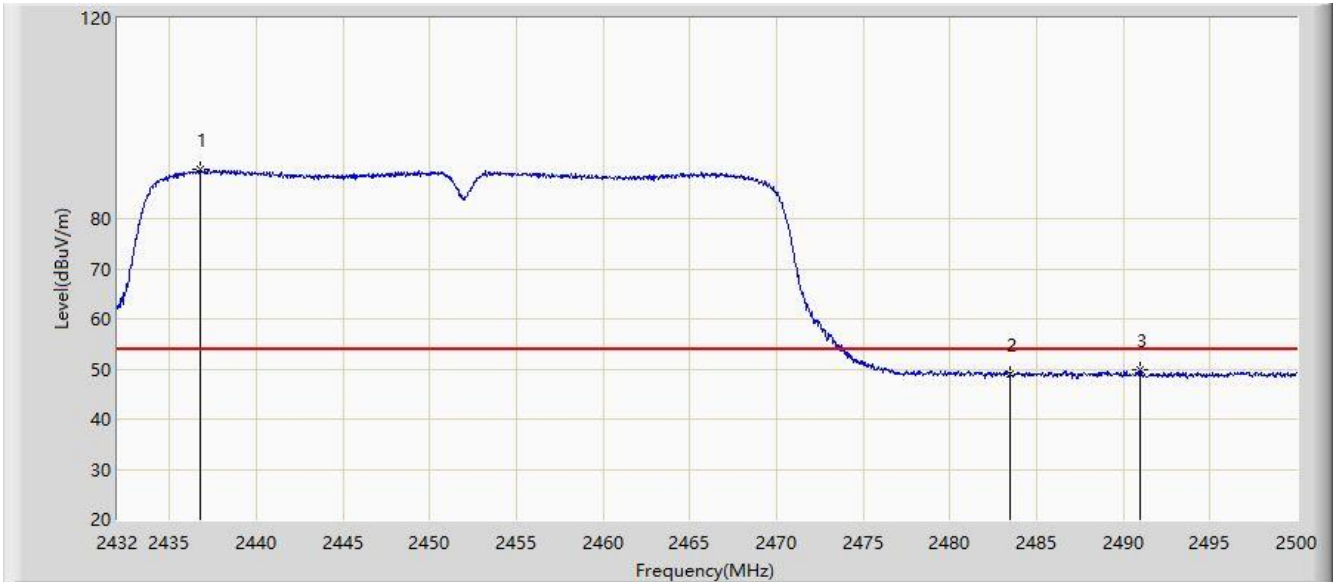


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.386	97.843	65.296	N/A	N/A	32.547	PK
2			2483.500	59.813	27.112	-14.187	74.000	32.701	PK
3			2487.794	61.111	28.355	-12.889	74.000	32.755	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 11:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

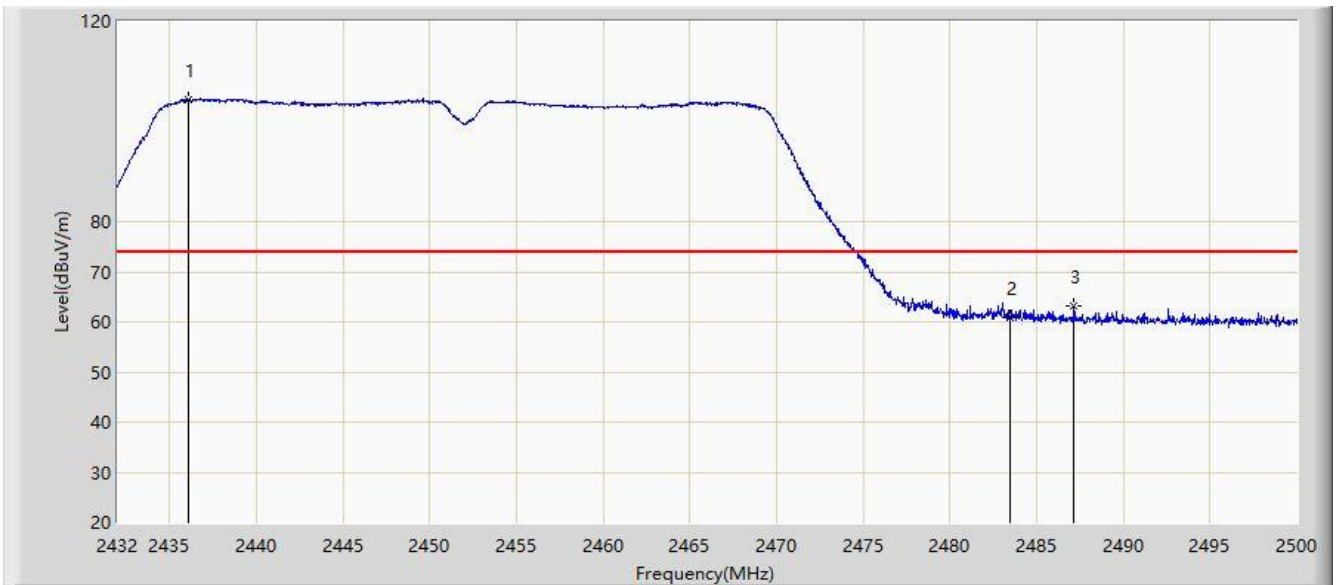


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.794	89.754	57.204	N/A	N/A	32.551	AV
2			2483.500	48.917	16.216	-5.083	54.000	32.701	AV
3			2490.990	49.795	17.065	-4.205	54.000	32.730	AV

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

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

Site: WZ-AC2	Time: 2020/11/18 - 11:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

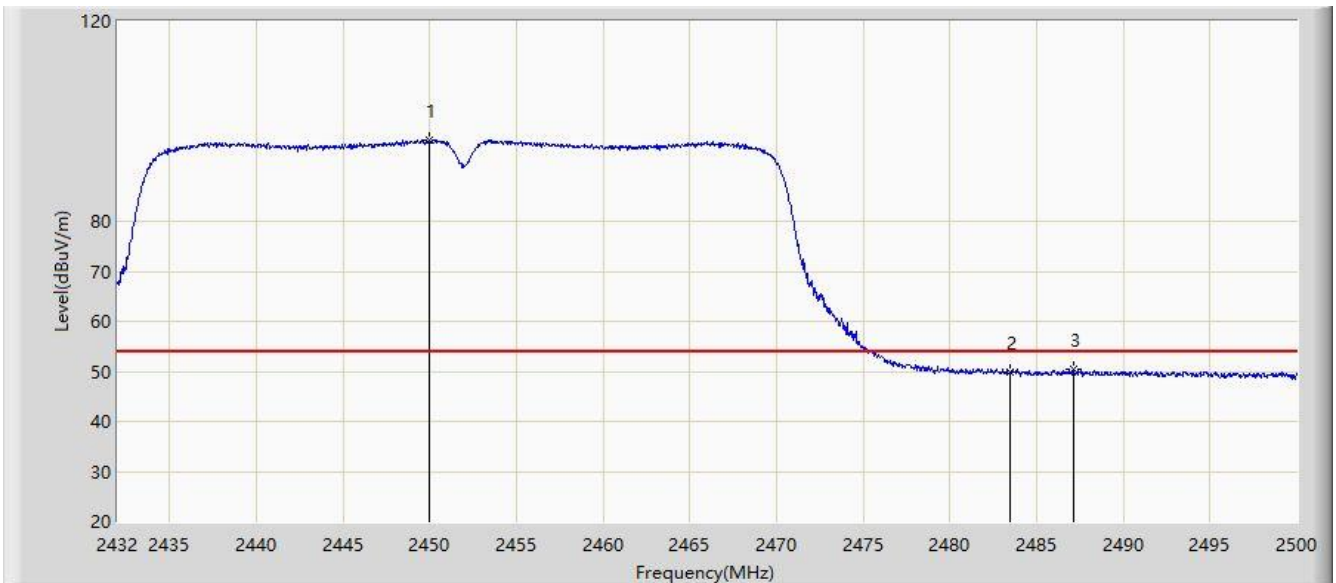


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.080	104.366	71.822	N/A	N/A	32.545	PK
2			2483.500	60.814	28.113	-13.186	74.000	32.701	PK
3			2487.148	63.095	30.344	-10.905	74.000	32.752	PK

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

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

Site: WZ-AC2	Time: 2020/11/18 - 11:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIFI/BT Board	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.020	96.343	63.683	N/A	N/A	32.660	AV
2			2483.500	49.723	17.022	-4.277	54.000	32.701	AV
3			2487.114	50.369	17.618	-3.631	54.000	32.751	AV

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

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

6.2. AC Conducted Emissions Measurement

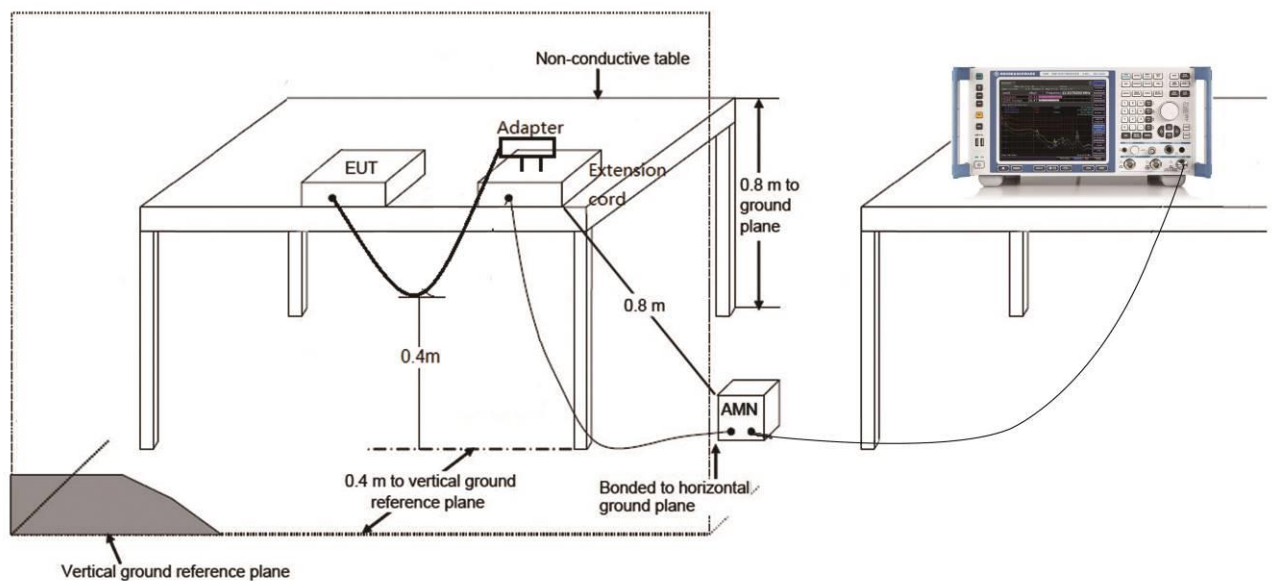
6.2.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

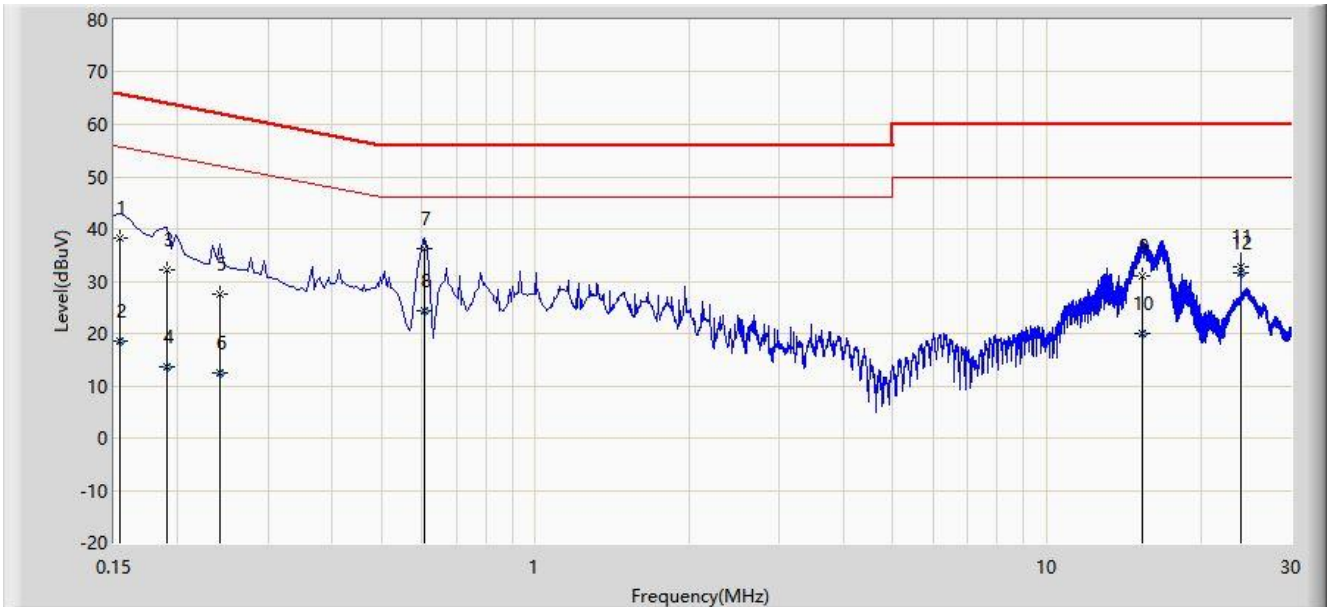
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.2.2. Test Setup



6.2.3.Test Result

Site: WZ-SR2	Time: 2020/11/21 - 16:03
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 802.11g at channel 2412MHz (PCB Antenna)	

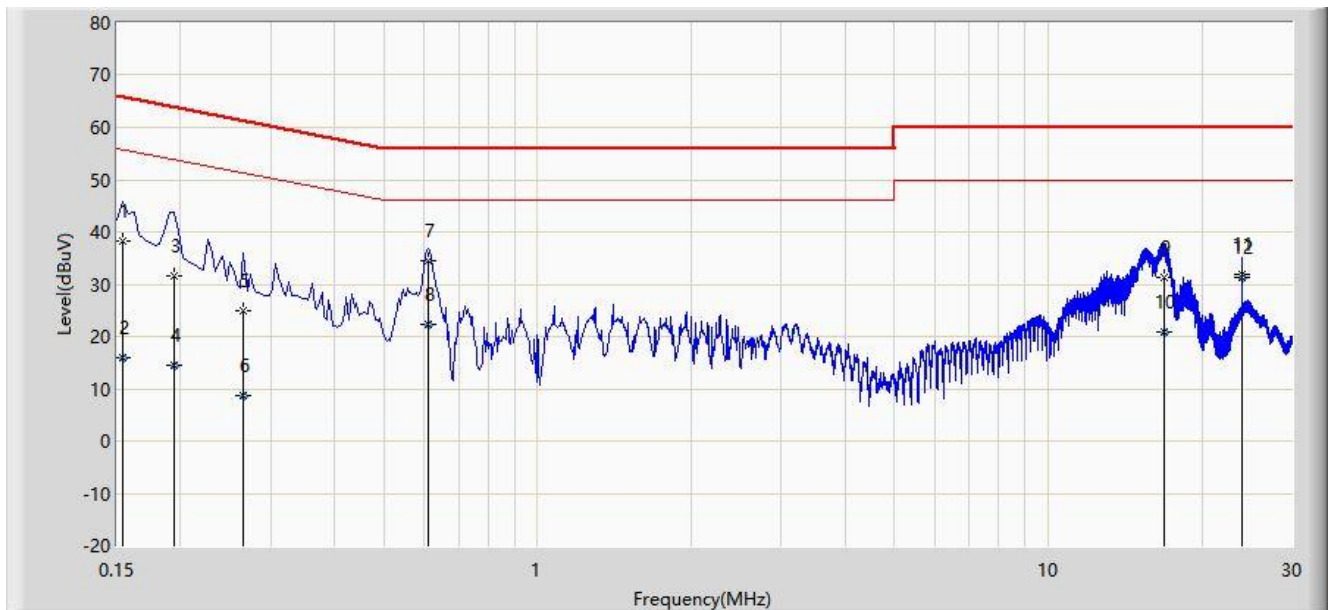


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.154	38.168	28.553	-27.613	65.781	9.616	QP
2			0.154	18.477	8.861	-37.305	55.781	9.616	AV
3			0.190	32.029	22.396	-32.007	64.037	9.633	QP
4			0.190	13.745	4.111	-40.292	54.037	9.633	AV
5			0.242	27.487	17.840	-34.540	62.027	9.647	QP
6			0.242	12.429	2.782	-39.598	52.027	9.647	AV
7			0.606	36.218	26.506	-19.782	56.000	9.711	QP
8			0.606	24.230	14.519	-21.770	46.000	9.711	AV
9			15.394	31.142	20.939	-28.858	60.000	10.203	QP
10			15.394	19.912	9.709	-30.088	50.000	10.203	AV
11			23.998	32.687	22.281	-27.313	60.000	10.406	QP
12		*	23.998	31.542	21.136	-18.458	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 - 16:07
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 802.11g at channel 2412MHz (PCB Antenna)	

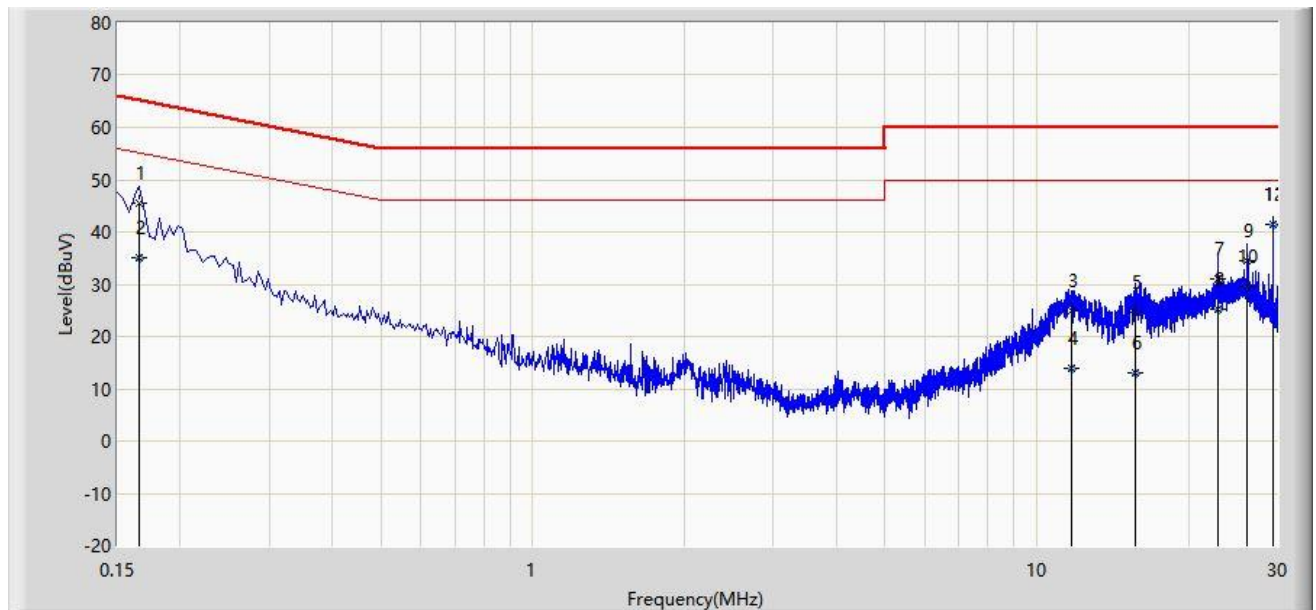


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor	Type
1			0.154	38.168	28.563	-27.614	65.781	9.606	QP
2			0.154	15.888	6.283	-39.893	55.781	9.606	AV
3			0.194	31.610	21.985	-32.254	63.864	9.625	QP
4			0.194	14.378	4.754	-39.485	53.864	9.625	AV
5			0.266	24.982	15.340	-36.260	61.242	9.643	QP
6			0.266	8.652	-0.990	-42.590	51.242	9.643	AV
7			0.610	34.464	24.762	-21.536	56.000	9.701	QP
8			0.610	22.367	12.665	-23.633	46.000	9.701	AV
9			16.882	31.242	21.015	-28.758	60.000	10.228	QP
10			16.882	20.728	10.500	-29.272	50.000	10.228	AV
11			24.002	31.995	21.585	-28.005	60.000	10.410	QP
12		*	24.002	31.327	20.917	-18.673	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 - 15:05
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)	

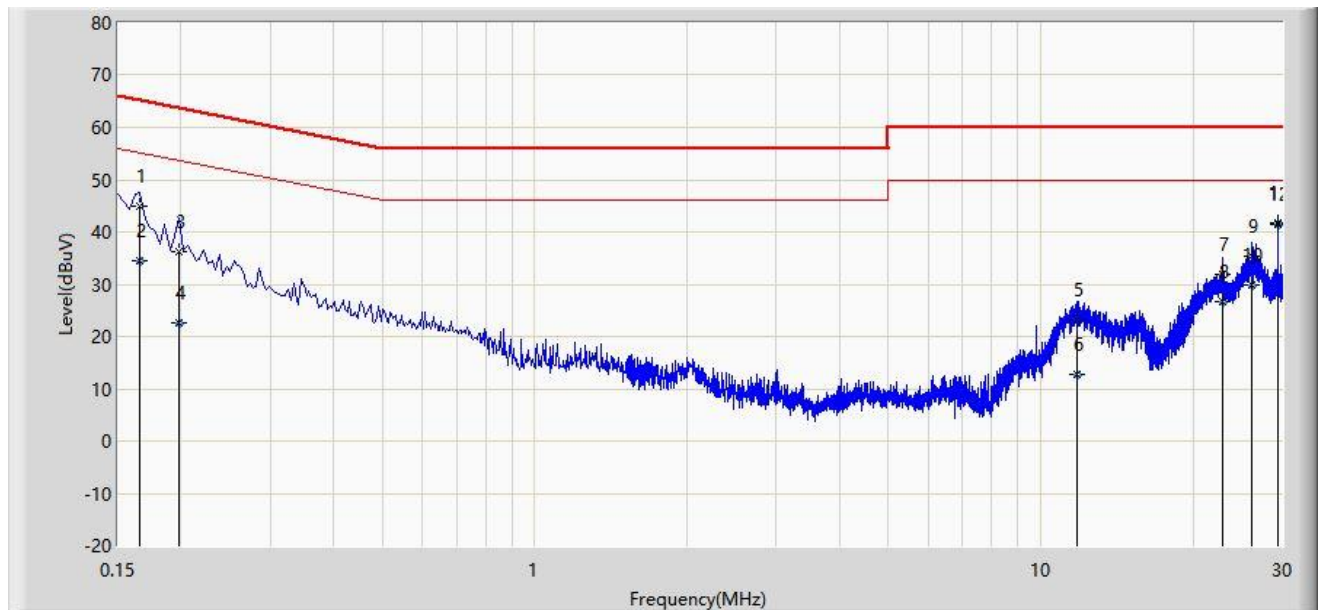


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	45.398	35.777	-19.760	65.158	9.621	QP
2			0.166	34.977	25.356	-20.181	55.158	9.621	AV
3			11.738	24.923	14.832	-35.077	60.000	10.090	QP
4			11.738	13.989	3.899	-36.011	50.000	10.090	AV
5			15.678	24.766	14.553	-35.234	60.000	10.213	QP
6			15.678	13.109	2.896	-36.891	50.000	10.213	AV
7			22.914	31.021	20.622	-28.979	60.000	10.399	QP
8			22.914	25.334	14.936	-24.666	50.000	10.399	AV
9			26.174	34.619	24.199	-25.381	60.000	10.420	QP
10			26.174	29.584	19.164	-20.416	50.000	10.420	AV
11			29.454	41.438	31.000	-18.562	60.000	10.438	QP
12		*	29.454	41.338	30.900	-8.662	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 - 15:08
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			0.166	44.807	35.196	-20.351	65.158	9.611	QP
2			0.166	34.615	25.004	-20.543	55.158	9.611	AV
3			0.198	36.125	26.498	-27.569	63.694	9.626	QP
4			0.198	22.735	13.108	-30.960	53.694	9.626	AV
5			11.802	23.154	13.058	-36.846	60.000	10.096	QP
6			11.802	12.863	2.767	-37.137	50.000	10.096	AV
7			22.902	31.767	21.393	-28.233	60.000	10.373	QP
8			22.902	26.803	16.429	-23.197	50.000	10.373	AV
9			26.174	35.370	24.915	-24.630	60.000	10.455	QP
10			26.174	29.859	19.404	-20.141	50.000	10.455	AV
11			29.454	41.786	31.300	-18.214	60.000	10.486	QP
12		*	29.454	41.486	31.000	-8.514	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.