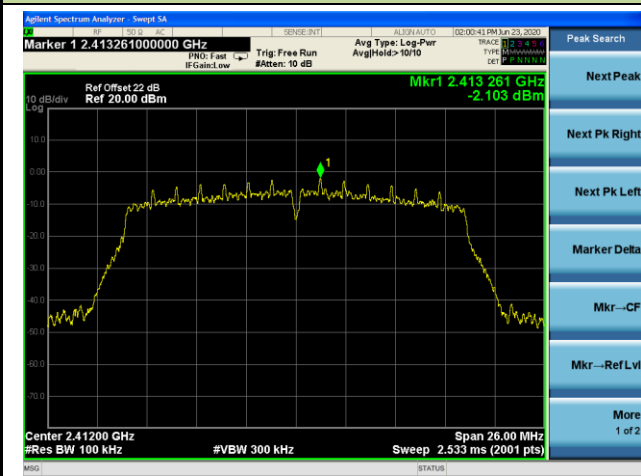


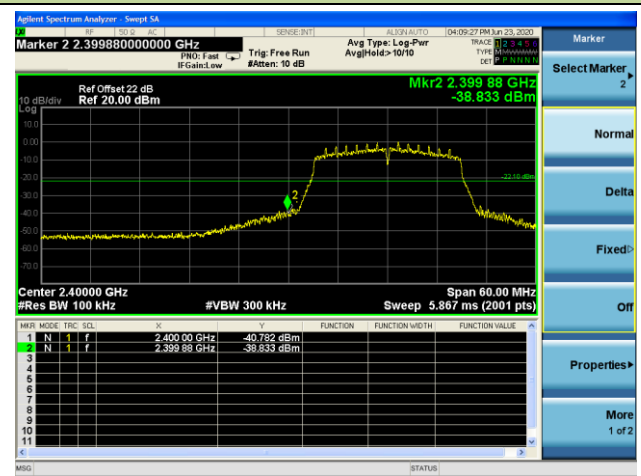
802.11n-HT20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

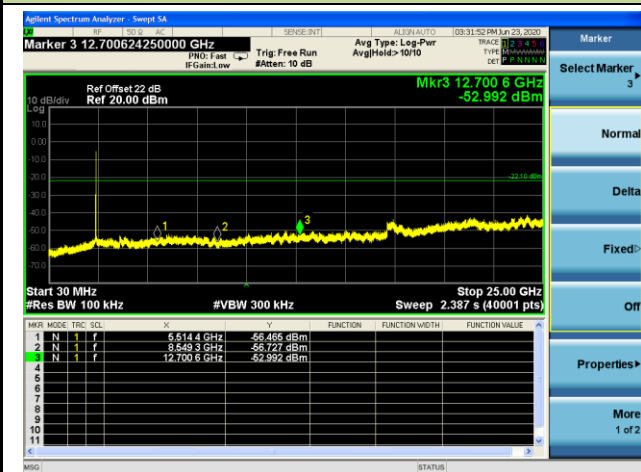
100kHz PSD reference Level



Low Band Edge

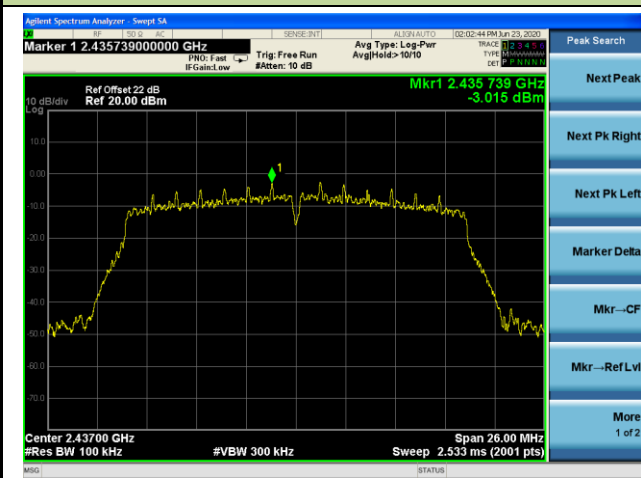


Spurious Emission

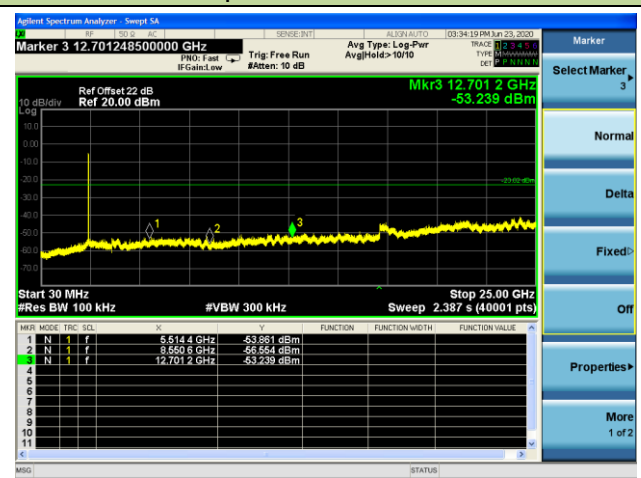


Channel 06 (2437MHz)

100kHz PSD reference Level



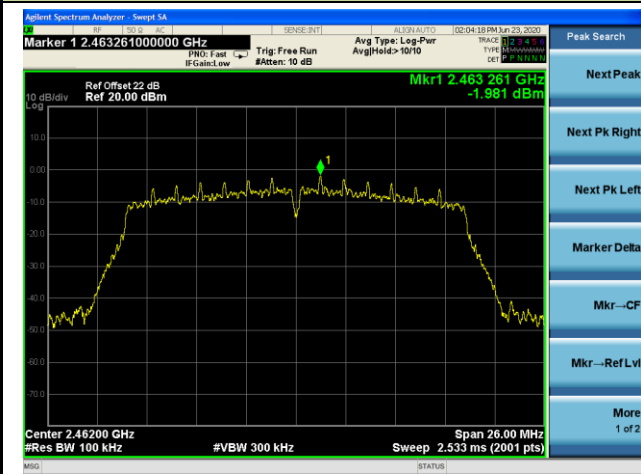
Spurious Emission



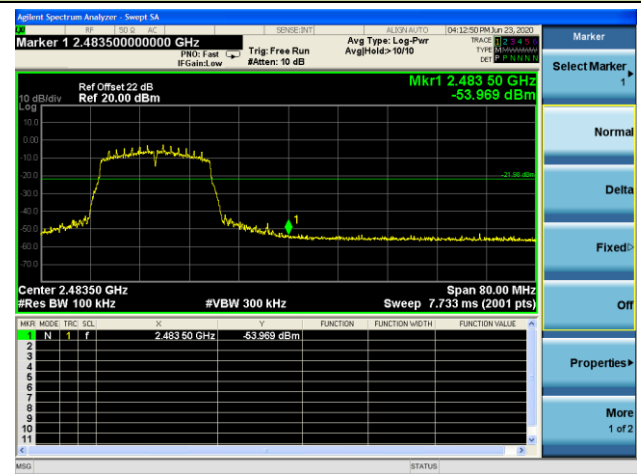
802.11n-HT20 Out-of-Band Emissions - Ant 1

Channel 11 (2462MHz)

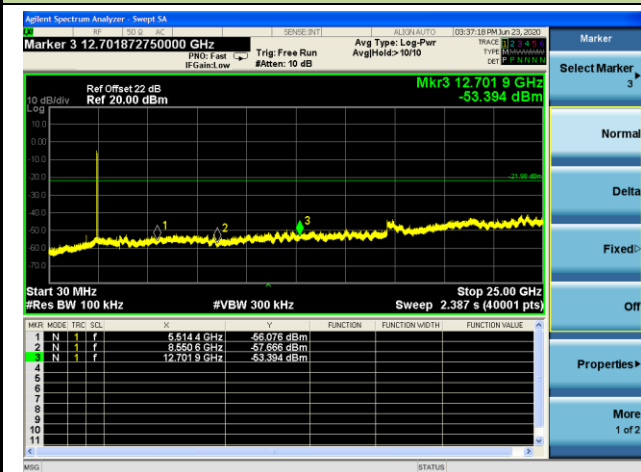
100kHz PSD reference Level



High Band Edge



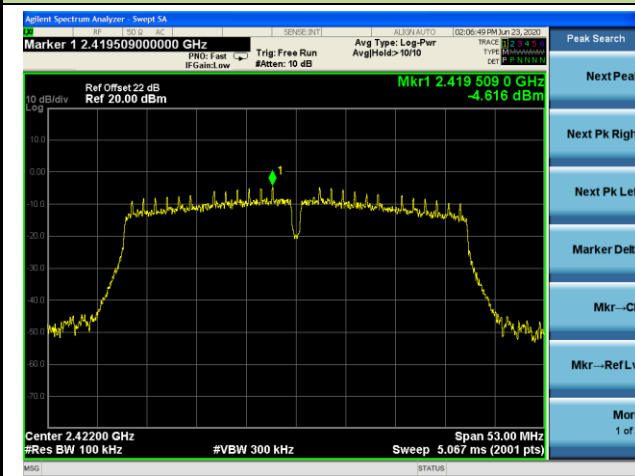
Spurious Emission



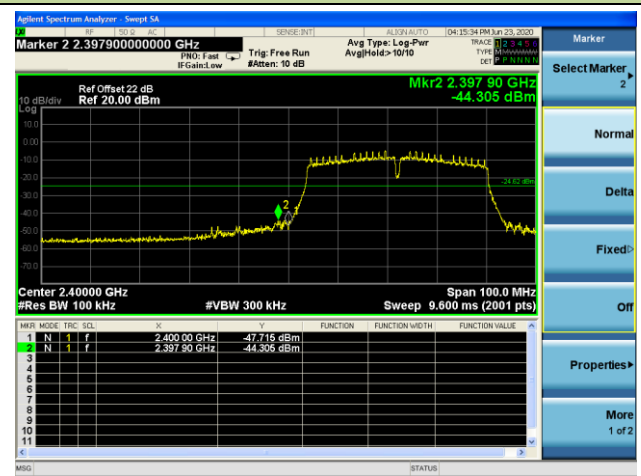
802.11n-HT40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

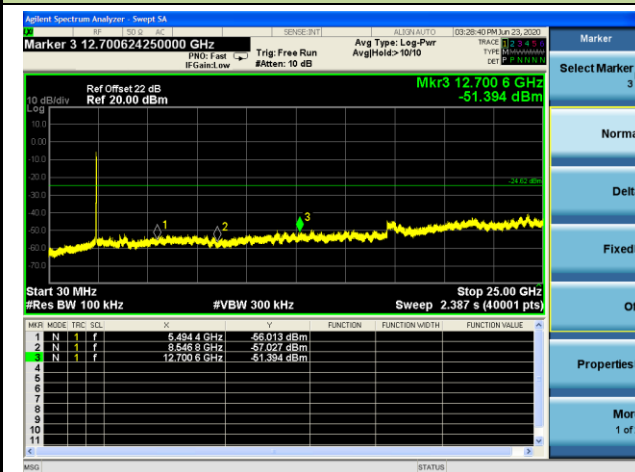
100kHz PSD reference Level



Low Band Edge

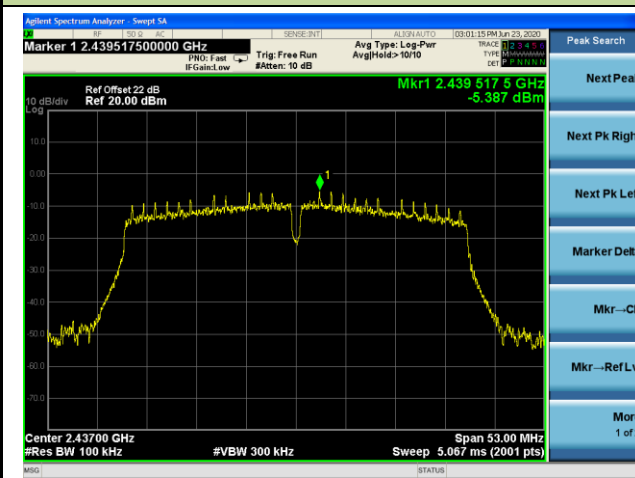


Spurious Emission

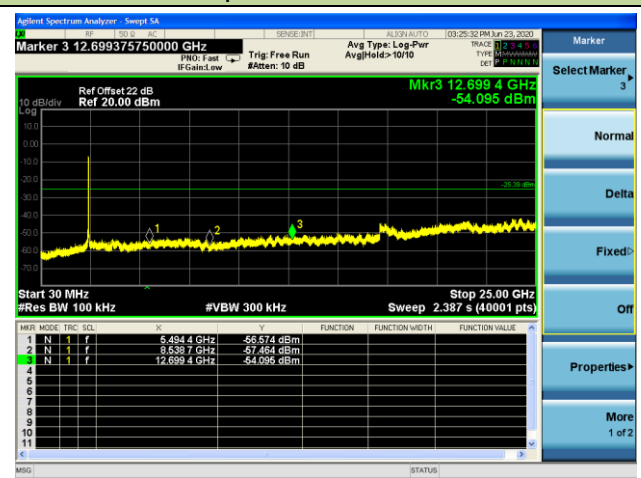


Channel 06 (2437MHz)

100kHz PSD reference Level



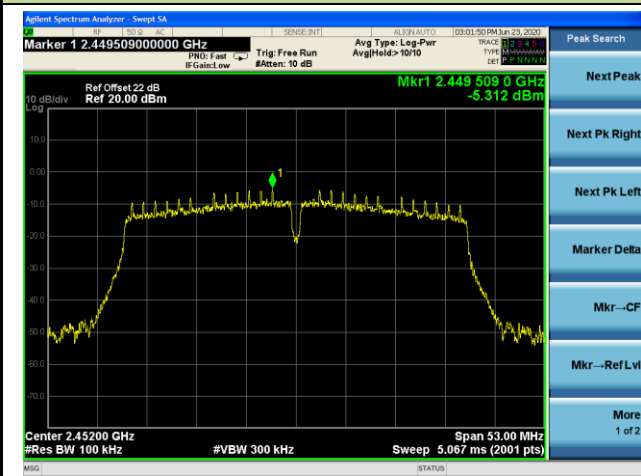
Spurious Emission



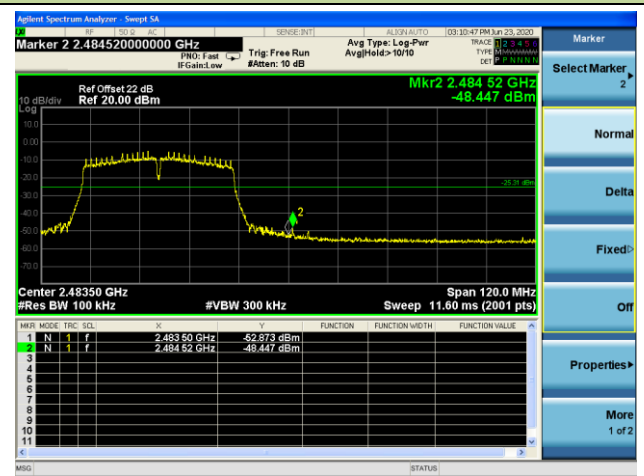
802.11n-HT40 Out-of-Band Emissions - Ant 1

Channel 09 (2452MHz)

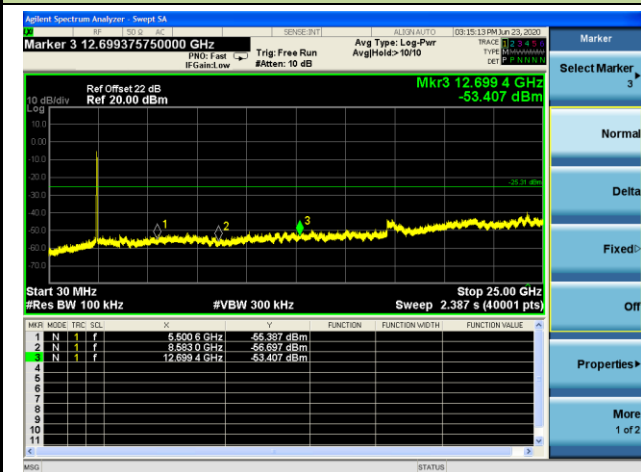
100kHz PSD reference Level



High Band Edge



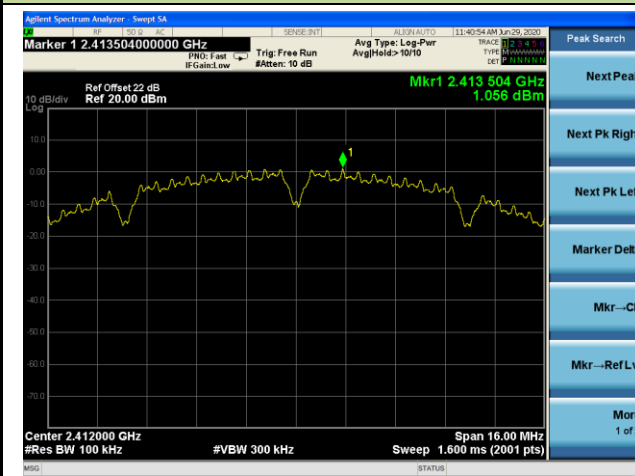
Spurious Emission



802.11b Out-of-Band Emissions - Ant 2

Channel 01 (2412MHz)

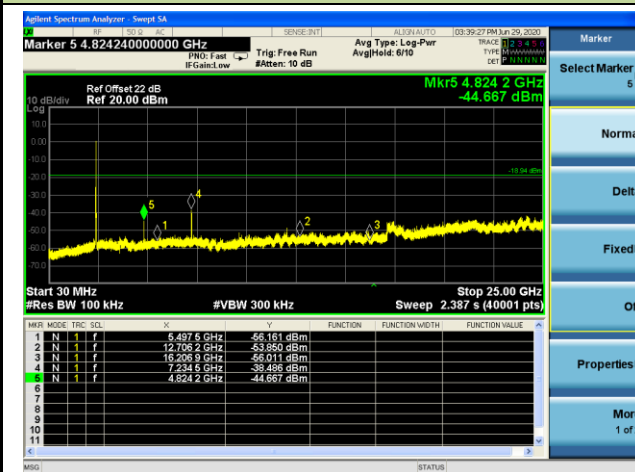
100kHz PSD reference Level



Low Band Edge

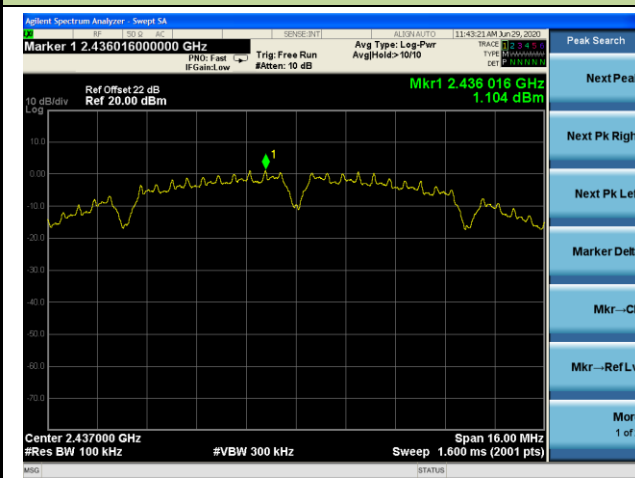


Spurious Emission

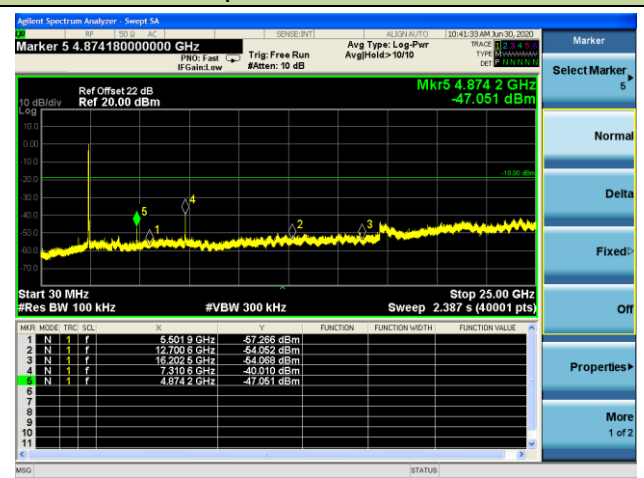


Channel 06 (2437MHz)

100kHz PSD reference Level



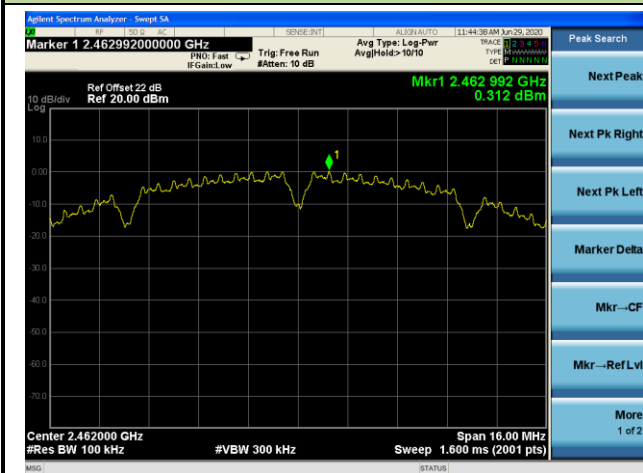
Spurious Emission



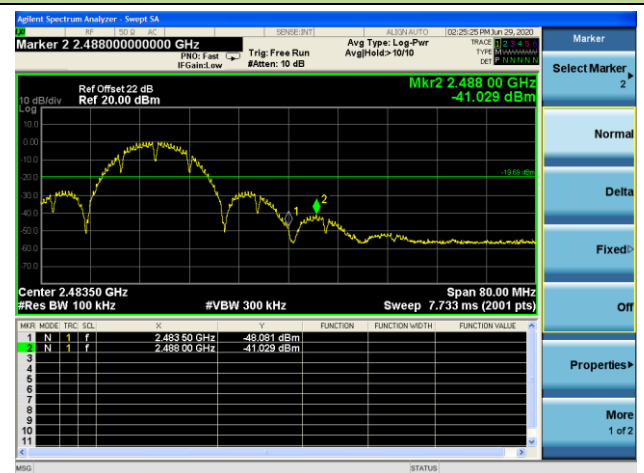
802.11b Out-of-Band Emissions - Ant 2

Channel 11 (2462MHz)

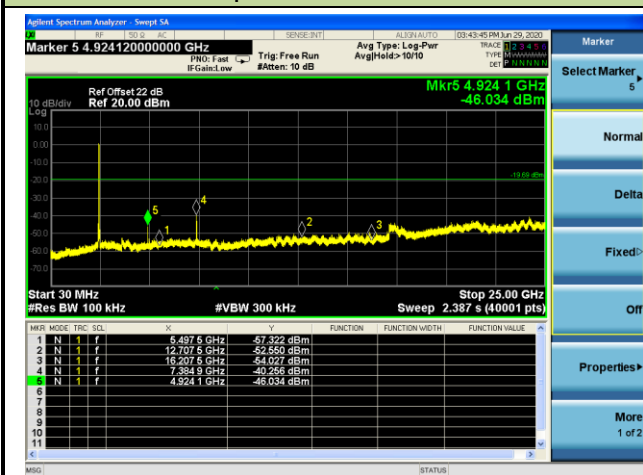
100kHz PSD reference Level



High Band Edge



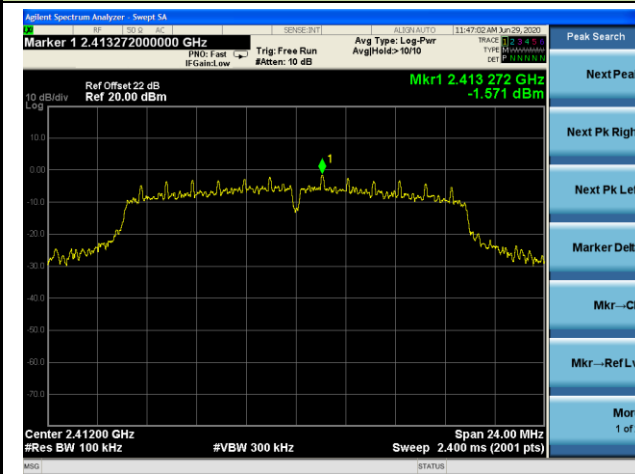
Spurious Emission



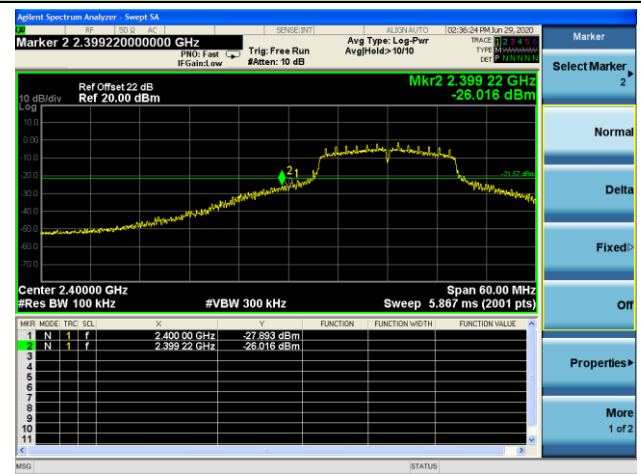
802.11g Out-of-Band Emissions - Ant 2

Channel 01 (2412MHz)

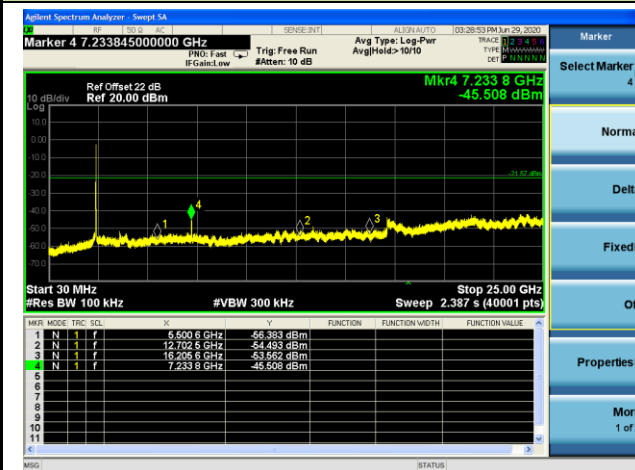
100kHz PSD reference Level



Low Band Edge

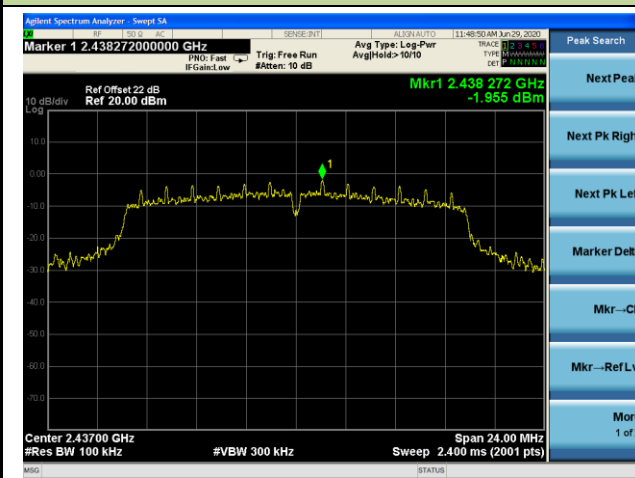


Spurious Emission

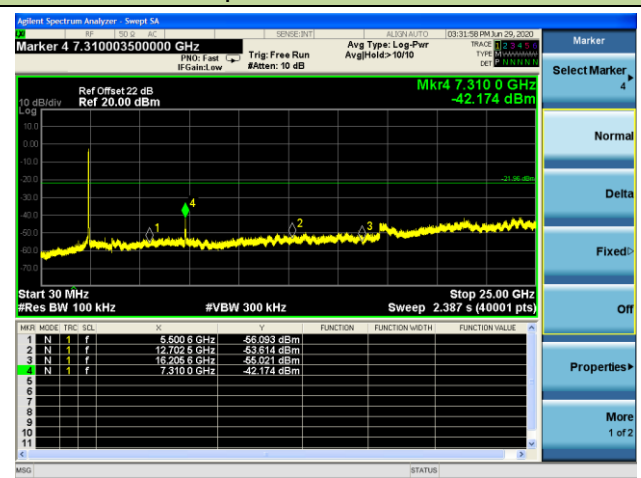


Channel 06 (2437MHz)

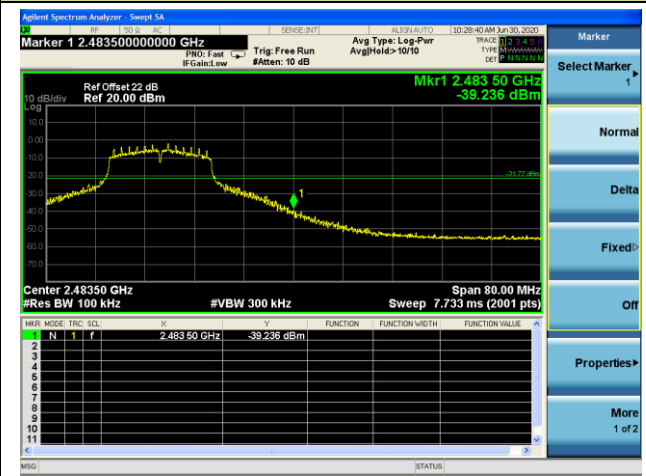
100kHz PSD reference Level



Spurious Emission



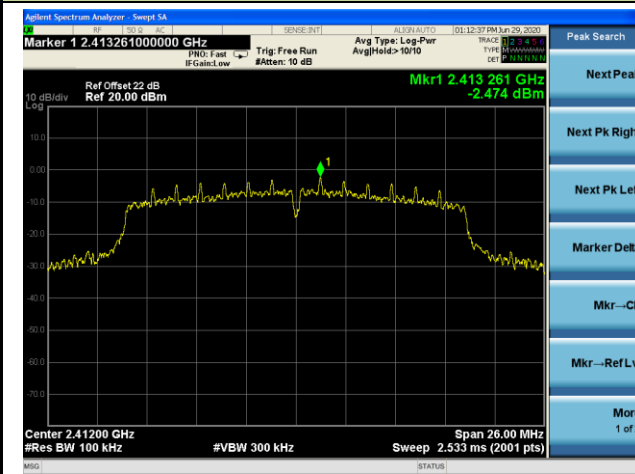
High Band Edge

[illegible]

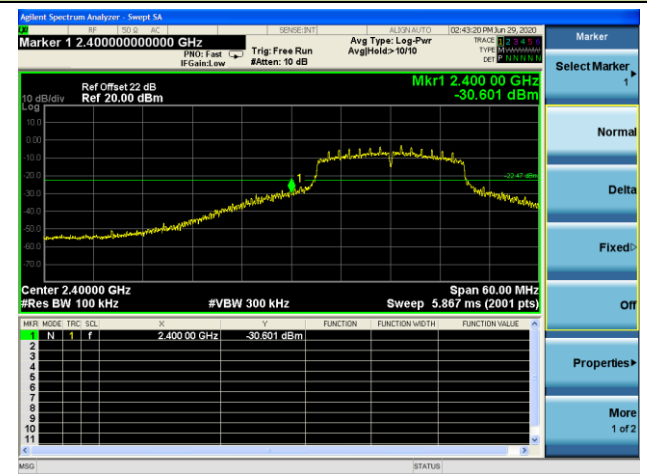
802.11n-HT20 Out-of-Band Emissions - Ant 2

Channel 01 (2412MHz)

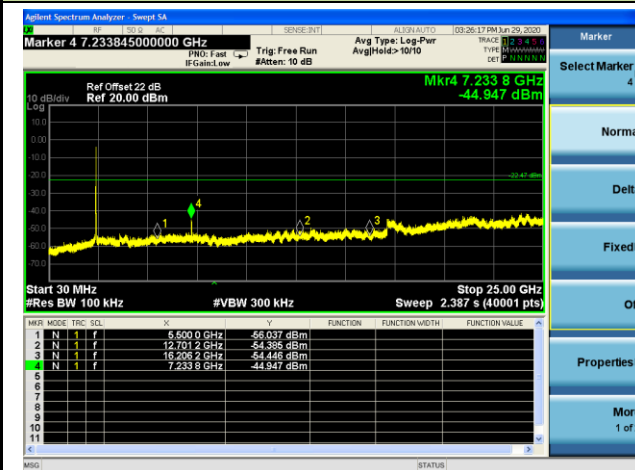
100kHz PSD reference Level



Low Band Edge

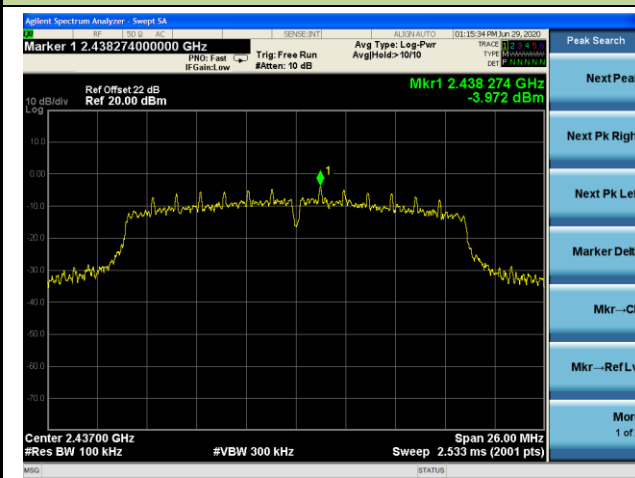


Spurious Emission

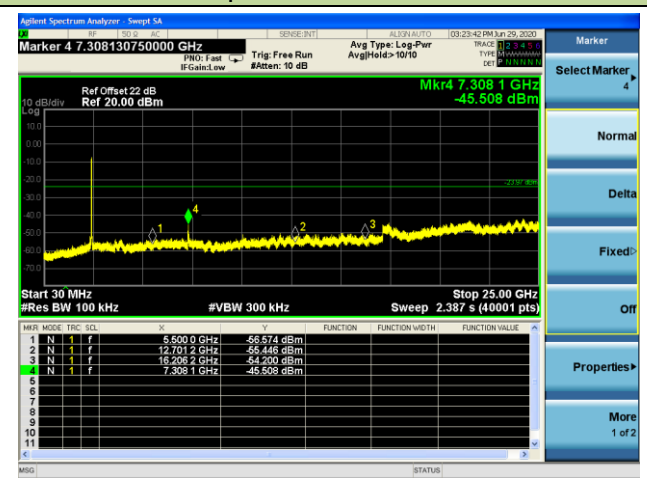


Channel 06 (2437MHz)

100kHz PSD reference Level



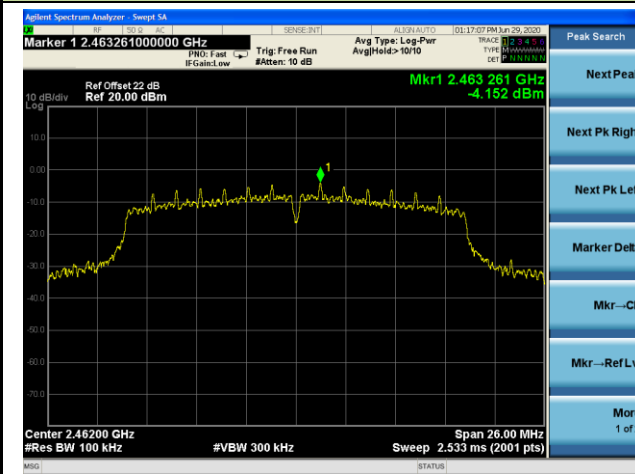
Spurious Emission



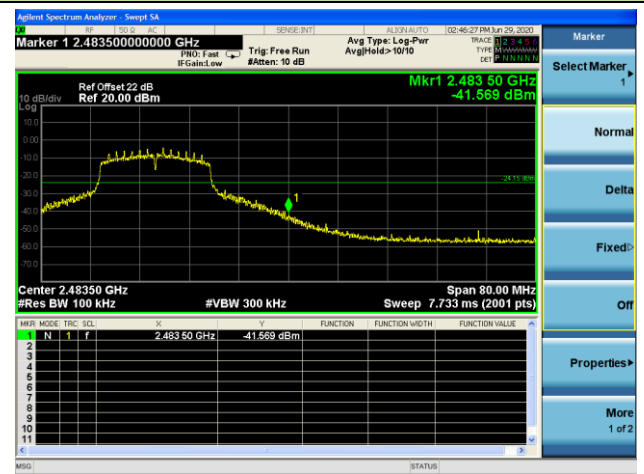
802.11n-HT20 Out-of-Band Emissions - Ant 2

Channel 11 (2462MHz)

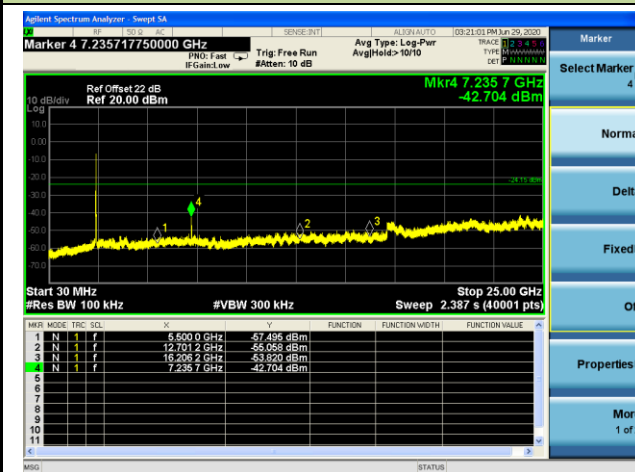
100kHz PSD reference Level



High Band Edge



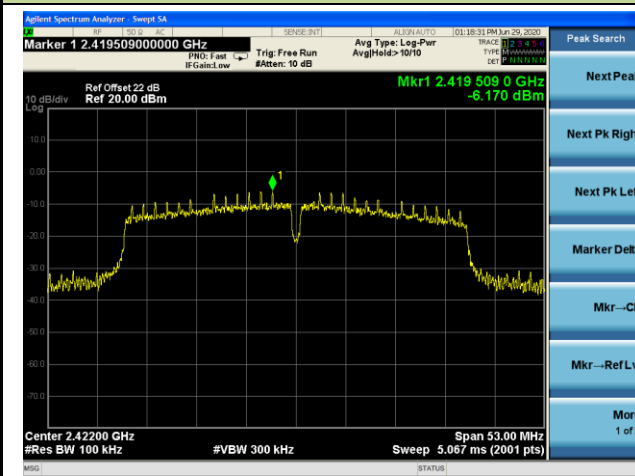
Spurious Emission



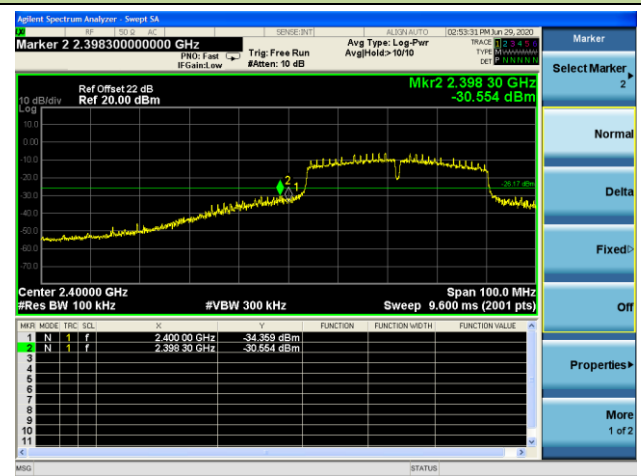
802.11n-HT40 Out-of-Band Emissions - Ant 2

Channel 03 (2422MHz)

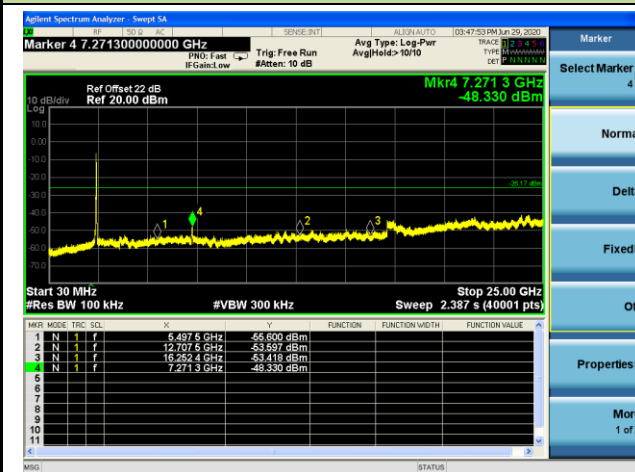
100kHz PSD reference Level



Low Band Edge

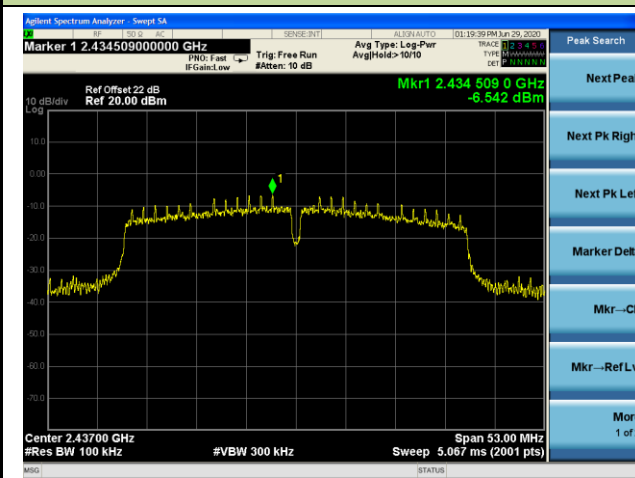


Spurious Emission

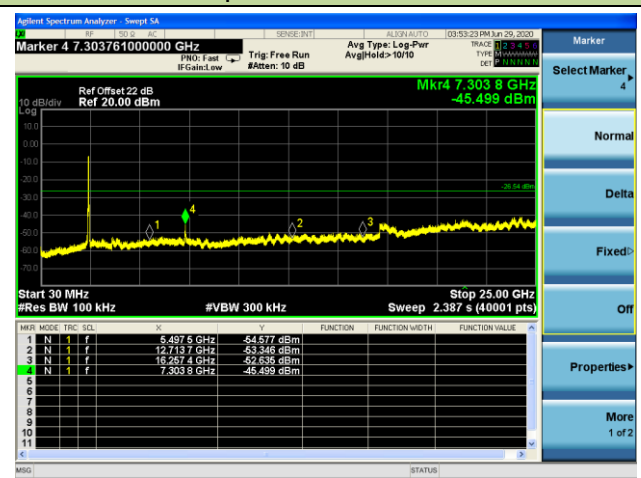


Channel 06 (2437MHz)

100kHz PSD reference Level



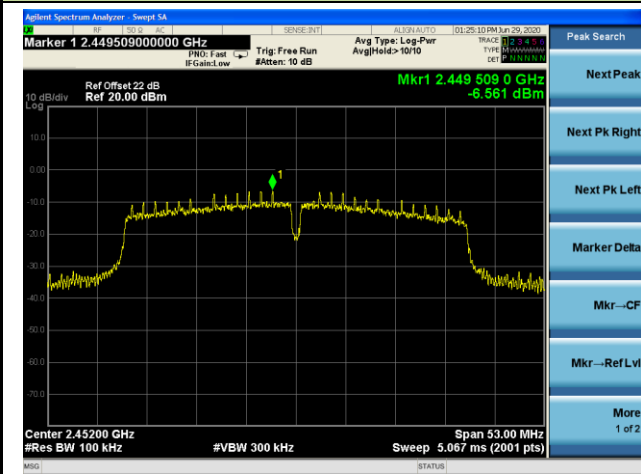
Spurious Emission



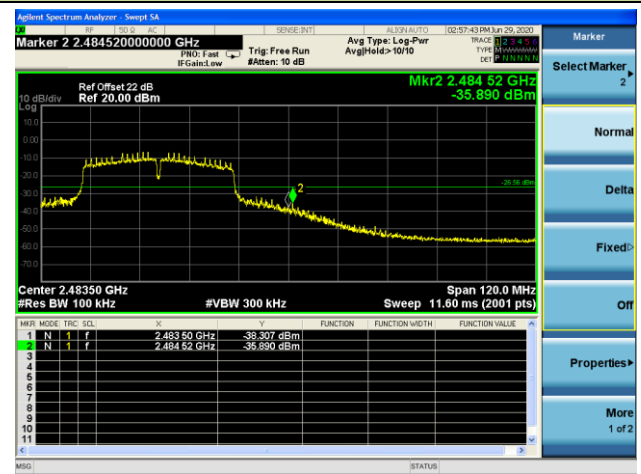
802.11n-HT40 Out-of-Band Emissions - Ant 2

Channel 09 (2452MHz)

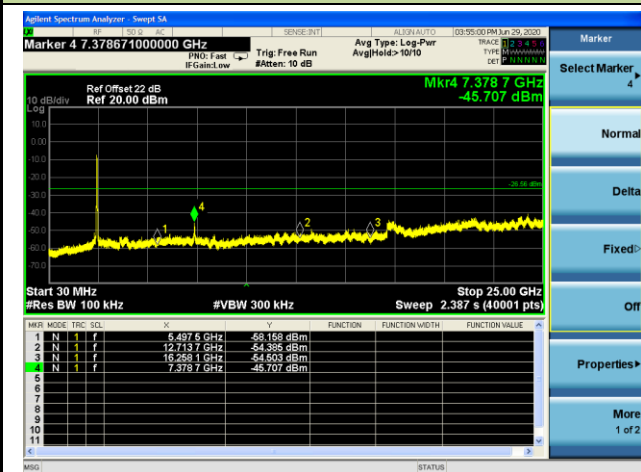
100kHz PSD reference Level



High Band Edge



Spurious Emission



7.6. Radiated Spurious Emission Measurement

7.6.1. 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		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

ANSI C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.4

ANSI C63.10-2013 Section 6.5

ANSI C63.10-2013 Section 6.6

7.6.3. 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

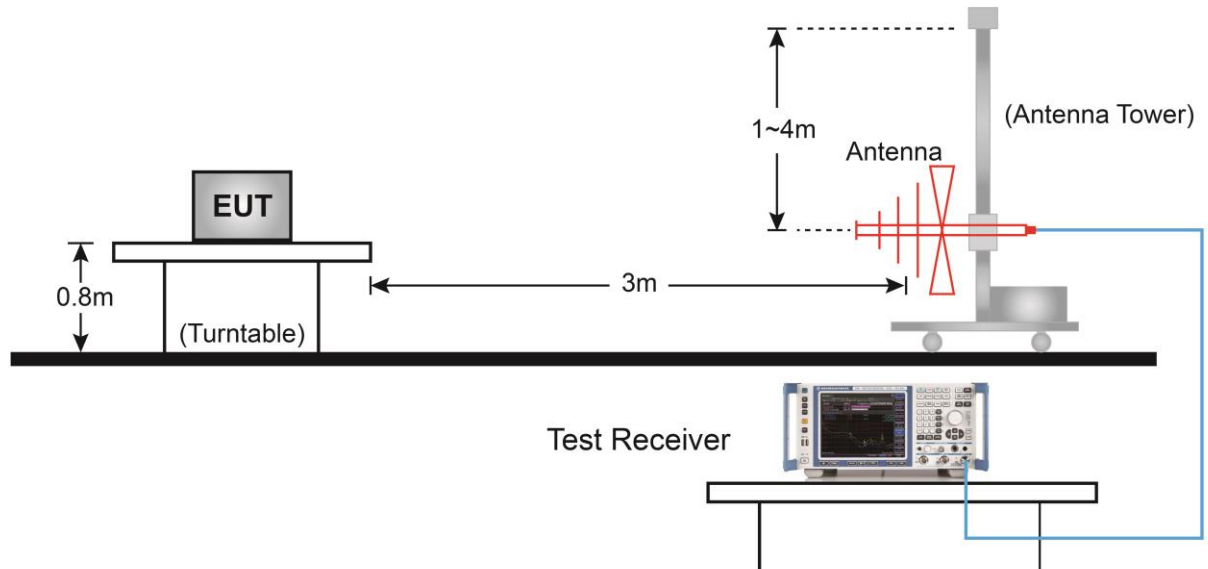
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

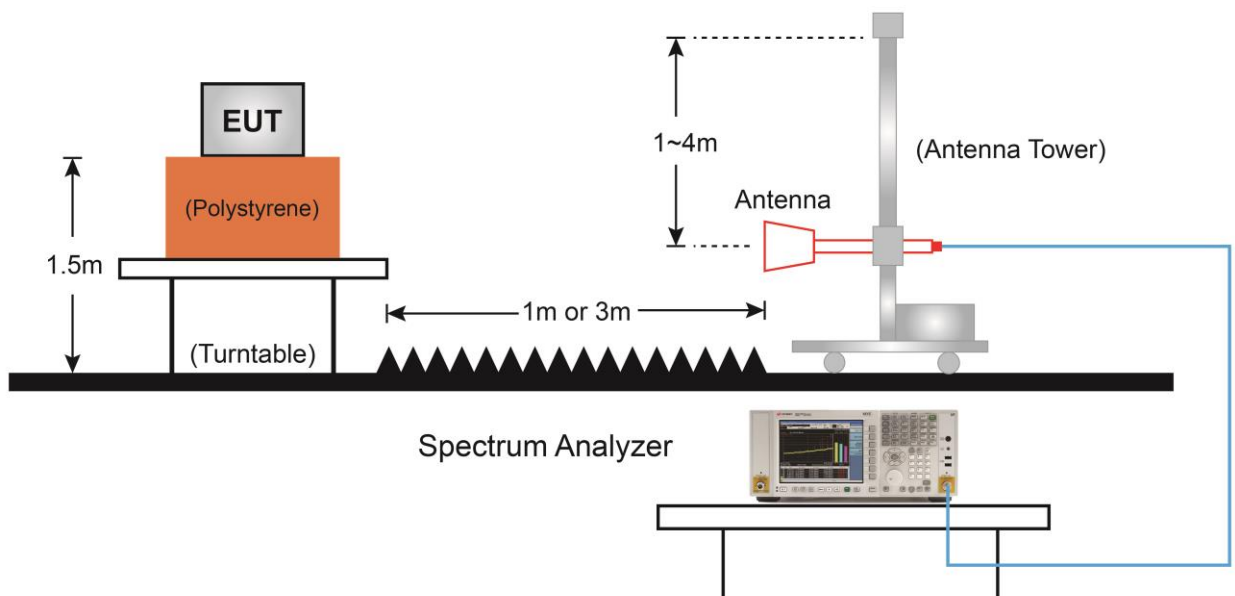
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.6.4. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.6.5. Test Result

Product	WiFi AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4578.5	34.8	5.1	39.9	74.0	-34.1	Peak	Horizontal
*	6321.0	33.2	8.5	41.7	74.0	-32.3	Peak	Horizontal
	7477.0	33.6	11.8	45.4	74.0	-28.6	Peak	Horizontal
*	9959.0	31.2	16.8	48.0	74.0	-26.0	Peak	Horizontal
	4876.0	33.6	5.9	39.5	74.0	-34.5	Peak	Vertical
*	6584.5	33.6	9.8	43.4	74.0	-30.6	Peak	Vertical
	7434.5	34.1	11.9	46.0	74.0	-28.0	Peak	Vertical
*	10239.5	31.7	17.1	48.8	74.0	-25.2	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	37.5	5.9	43.4	74.0	-30.6	Peak	Horizontal
*	5879.0	33.2	7.6	40.8	74.0	-33.2	Peak	Horizontal
	7307.0	39.8	11.7	51.5	74.0	-22.5	Peak	Horizontal
*	10231.0	31.6	17.2	48.8	74.0	-25.2	Peak	Horizontal
	4876.0	45.6	5.9	51.5	74.0	-22.5	Peak	Vertical
*	6100.0	33.0	8.1	41.1	74.0	-32.9	Peak	Vertical
	7307.0	39.2	11.7	50.9	74.0	-23.1	Peak	Vertical
*	10265.0	32.1	17.2	49.3	74.0	-24.7	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4935.5	33.8	6.1	39.9	74.0	-34.1	Peak	Horizontal
*	5887.5	33.0	7.6	40.6	74.0	-33.4	Peak	Horizontal
	7596.0	33.6	11.8	45.4	74.0	-28.6	Peak	Horizontal
*	10239.5	32.0	17.1	49.1	74.0	-24.9	Peak	Horizontal
	4663.5	34.2	5.4	39.6	74.0	-34.4	Peak	Vertical
*	6159.5	32.8	8.2	41.0	74.0	-33.0	Peak	Vertical
	7477.0	33.5	11.8	45.3	74.0	-28.7	Peak	Vertical
*	10265.0	32.1	17.2	49.3	74.0	-24.7	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4638.0	35.8	5.2	41.0	74.0	-33.0	Peak	Horizontal
*	6185.0	33.8	8.2	42.0	74.0	-32.0	Peak	Horizontal
	7341.0	33.5	11.8	45.3	74.0	-28.7	Peak	Horizontal
*	9959.0	32.0	16.8	48.8	74.0	-25.2	Peak	Horizontal
	5063.0	34.5	6.7	41.2	74.0	-32.8	Peak	Vertical
*	6423.0	33.0	9.1	42.1	74.0	-31.9	Peak	Vertical
	7536.5	33.8	11.8	45.6	74.0	-28.4	Peak	Vertical
*	10350.0	32.6	17.5	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	34.0	5.9	39.9	74.0	-34.1	Peak	Horizontal
*	6457.0	34.2	9.2	43.4	74.0	-30.6	Peak	Horizontal
	7315.5	35.0	11.6	46.6	74.0	-27.4	Peak	Horizontal
*	10384.0	32.6	17.6	50.2	74.0	-23.8	Peak	Horizontal
	4867.5	37.7	5.9	43.6	74.0	-30.4	Peak	Vertical
*	6176.5	33.4	8.3	41.7	74.0	-32.3	Peak	Vertical
	7307.0	41.9	11.7	53.6	74.0	-20.4	Peak	Vertical
*	10384.0	32.5	17.6	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4944.0	33.6	6.1	39.7	74.0	-34.3	Peak	Horizontal
*	6882.0	33.6	9.9	43.5	74.0	-30.5	Peak	Horizontal
	7596.0	34.0	11.8	45.8	74.0	-28.2	Peak	Horizontal
*	9831.5	31.1	16.9	48.0	74.0	-26.0	Peak	Horizontal
	4850.5	34.6	5.9	40.5	74.0	-33.5	Peak	Vertical
*	6193.5	33.8	8.2	42.0	74.0	-32.0	Peak	Vertical
	7596.0	35.0	11.8	46.8	74.0	-27.2	Peak	Vertical
*	9602.0	31.9	16.3	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4655.0	34.1	5.4	39.5	74.0	-34.5	Peak	Horizontal
*	6108.5	33.0	8.1	41.1	74.0	-32.9	Peak	Horizontal
	7528.0	33.7	11.8	45.5	74.0	-28.5	Peak	Horizontal
*	10384.0	32.1	17.6	49.7	74.0	-24.3	Peak	Horizontal
	4935.5	33.5	6.1	39.6	74.0	-34.4	Peak	Vertical
*	5887.5	34.2	7.6	41.8	74.0	-32.2	Peak	Vertical
	7494.0	33.2	11.8	45.0	74.0	-29.0	Peak	Vertical
*	10231.0	31.7	17.2	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5114.0	33.9	6.6	40.5	74.0	-33.5	Peak	Horizontal
*	6142.5	32.9	8.1	41.0	74.0	-33.0	Peak	Horizontal
	7315.5	41.6	11.6	53.2	74.0	-20.8	Peak	Horizontal
*	9942.0	31.3	16.9	48.2	74.0	-25.8	Peak	Horizontal
	4876.0	38.7	5.9	44.6	74.0	-29.4	Peak	Vertical
*	6176.5	33.3	8.3	41.6	74.0	-32.4	Peak	Vertical
	7307.0	41.6	11.7	53.3	74.0	-20.7	Peak	Vertical
*	10146.0	32.0	16.7	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	33.8	5.9	39.7	74.0	-34.3	Peak	Horizontal
*	6814.0	34.4	9.8	44.2	74.0	-29.8	Peak	Horizontal
	7604.5	33.8	11.8	45.6	74.0	-28.4	Peak	Horizontal
*	10146.0	31.9	16.7	48.6	74.0	-25.4	Peak	Horizontal
	4655.0	34.3	5.4	39.7	74.0	-34.3	Peak	Vertical
*	6576.0	33.4	9.7	43.1	74.0	-30.9	Peak	Vertical
	7494.0	34.2	11.8	46.0	74.0	-28.0	Peak	Vertical
*	10256.5	32.3	17.1	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - Ant 1	Test Channel	03
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
	4961.0	34.7	6.2	40.9	74.0	-33.1	Peak	Horizontal
*	6168.0	33.5	8.3	41.8	74.0	-32.2	Peak	Horizontal
	7264.5	37.5	11.7	49.2	74.0	-24.8	Peak	Horizontal
*	10222.5	32.0	17.1	49.1	74.0	-24.9	Peak	Horizontal
	4842.0	36.6	5.9	42.5	74.0	-31.5	Peak	Vertical
*	6185.0	33.3	8.2	41.5	74.0	-32.5	Peak	Vertical
	7264.5	41.8	11.7	53.5	74.0	-20.5	Peak	Vertical
*	10282.0	32.0	17.4	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - 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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	33.9	5.9	39.8	74.0	-34.2	Peak	Horizontal
*	6270.0	32.7	8.5	41.2	74.0	-32.8	Peak	Horizontal
	7290.0	34.9	11.7	46.6	74.0	-27.4	Peak	Horizontal
*	10265.0	32.5	17.2	49.7	74.0	-24.3	Peak	Horizontal
	4876.0	35.3	5.9	41.2	74.0	-32.8	Peak	Vertical
*	6372.0	32.3	8.8	41.1	74.0	-32.9	Peak	Vertical
	7315.5	39.3	11.6	50.9	74.0	-23.1	Peak	Vertical
*	9823.0	32.7	16.9	49.6	74.0	-24.4	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - Ant 1	Test Channel	09
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
	5105.5	33.9	6.7	40.6	74.0	-33.4	Peak	Horizontal
*	6457.0	33.3	9.2	42.5	74.0	-31.5	Peak	Horizontal
	7477.0	33.9	11.8	45.7	74.0	-28.3	Peak	Horizontal
*	10197.0	32.0	17.1	49.1	74.0	-24.9	Peak	Horizontal
	4612.5	35.3	5.1	40.4	74.0	-33.6	Peak	Vertical
*	5964.0	34.3	7.6	41.9	74.0	-32.1	Peak	Vertical
	7341.0	37.1	11.8	48.9	74.0	-25.1	Peak	Vertical
*	9967.5	32.2	16.7	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11b - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	34.2	5.9	40.1	74.0	-33.9	Peak	Horizontal
*	6244.5	34.8	8.5	43.3	74.0	-30.7	Peak	Horizontal
	7596.0	33.4	11.8	45.2	74.0	-28.8	Peak	Horizontal
*	10256.5	31.8	17.1	48.9	74.0	-25.1	Peak	Horizontal
	4884.5	34.0	5.9	39.9	74.0	-34.1	Peak	Vertical
*	6873.5	32.7	10.1	42.8	74.0	-31.2	Peak	Vertical
	7698.0	34.1	11.7	45.8	74.0	-28.2	Peak	Vertical
*	10367.0	31.9	17.5	49.4	74.0	-24.6	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11b - Ant 2	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
	5139.5	34.2	6.8	41.0	74.0	-33.0	Peak	Horizontal
*	6380.5	33.0	8.8	41.8	74.0	-32.2	Peak	Horizontal
	7383.5	33.3	11.8	45.1	74.0	-28.9	Peak	Horizontal
*	9602.0	31.4	16.3	47.7	74.0	-26.3	Peak	Horizontal
	5046.0	35.8	6.6	42.4	74.0	-31.6	Peak	Vertical
*	6125.5	33.2	8.1	41.3	74.0	-32.7	Peak	Vertical
	7528.0	33.2	11.8	45.0	74.0	-29.0	Peak	Vertical
*	9602.0	31.0	16.3	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11b - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4893.0	34.0	6.0	40.0	74.0	-34.0	Peak	Horizontal
*	6457.0	33.1	9.2	42.3	74.0	-31.7	Peak	Horizontal
	7477.0	33.4	11.8	45.2	74.0	-28.8	Peak	Horizontal
*	9780.5	29.7	16.7	46.4	74.0	-27.6	Peak	Horizontal
	4850.5	34.2	5.9	40.1	74.0	-33.9	Peak	Vertical
*	6227.5	33.3	8.3	41.6	74.0	-32.4	Peak	Vertical
	7485.5	33.0	11.8	44.8	74.0	-29.2	Peak	Vertical
*	9959.0	31.5	16.8	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4570.0	35.4	5.0	40.4	74.0	-33.6	Peak	Horizontal
*	6108.5	34.5	8.1	42.6	74.0	-31.4	Peak	Horizontal
	7477.0	33.5	11.8	45.3	74.0	-28.7	Peak	Horizontal
*	10282.0	32.0	17.4	49.4	74.0	-24.6	Peak	Horizontal
	5088.5	33.8	6.8	40.6	74.0	-33.4	Peak	Vertical
*	6091.5	32.5	8.1	40.6	74.0	-33.4	Peak	Vertical
	8174.0	33.2	12.4	45.6	74.0	-28.4	Peak	Vertical
*	9967.5	31.2	16.7	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - Ant 2	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
	4850.5	33.8	5.9	39.7	74.0	-34.3	Peak	Horizontal
*	5658.0	34.0	7.3	41.3	74.0	-32.7	Peak	Horizontal
	7596.0	34.2	11.8	46.0	74.0	-28.0	Peak	Horizontal
*	10384.0	32.7	17.6	50.3	74.0	-23.7	Peak	Horizontal
	4714.5	34.1	5.5	39.6	74.0	-34.4	Peak	Vertical
*	6627.0	34.2	9.6	43.8	74.0	-30.2	Peak	Vertical
	7366.5	34.0	11.9	45.9	74.0	-28.1	Peak	Vertical
*	10299.0	32.6	17.3	49.9	74.0	-24.1	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11g - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	33.8	5.9	39.7	74.0	-34.3	Peak	Horizontal
*	6499.5	32.2	9.5	41.7	74.0	-32.3	Peak	Horizontal
	7485.5	33.3	11.8	45.1	74.0	-28.9	Peak	Horizontal
*	9738.0	30.6	16.7	47.3	74.0	-26.7	Peak	Horizontal
	4884.5	34.5	5.9	40.4	74.0	-33.6	Peak	Vertical
*	6312.5	33.3	8.5	41.8	74.0	-32.2	Peak	Vertical
	7494.0	34.7	11.8	46.5	74.0	-27.5	Peak	Vertical
*	9967.5	30.9	16.7	47.6	74.0	-26.4	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4723.0	33.7	5.6	39.3	74.0	-34.7	Peak	Horizontal
*	6644.0	32.7	9.6	42.3	74.0	-31.7	Peak	Horizontal
	7604.5	33.2	11.8	45.0	74.0	-29.0	Peak	Horizontal
*	9678.5	29.2	16.5	45.7	74.0	-28.3	Peak	Horizontal
	4629.5	33.8	5.2	39.0	74.0	-35.0	Peak	Vertical
*	6193.5	33.2	8.2	41.4	74.0	-32.6	Peak	Vertical
	7528.0	34.1	11.8	45.9	74.0	-28.1	Peak	Vertical
*	9661.5	31.2	16.4	47.6	74.0	-26.4	Peak	Vertical

Note 1: “*” means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - Ant 2	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
	4629.5	34.4	5.2	39.6	74.0	-34.4	Peak	Horizontal
*	6559.0	32.9	9.6	42.5	74.0	-31.5	Peak	Horizontal
	7545.0	32.8	11.7	44.5	74.0	-29.5	Peak	Horizontal
*	10265.0	31.7	17.2	48.9	74.0	-25.1	Peak	Horizontal
	4867.5	34.1	5.9	40.0	74.0	-34.0	Peak	Vertical
*	6091.5	33.9	8.1	42.0	74.0	-32.0	Peak	Vertical
	7298.5	33.8	11.7	45.5	74.0	-28.5	Peak	Vertical
*	10316.0	31.9	17.3	49.2	74.0	-24.8	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT20 - Ant 2	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 (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	33.6	5.9	39.5	74.0	-34.5	Peak	Horizontal
*	6363.5	33.0	8.8	41.8	74.0	-32.2	Peak	Horizontal
	7298.5	34.3	11.7	46.0	74.0	-28.0	Peak	Horizontal
*	9610.5	31.2	16.3	47.5	74.0	-26.5	Peak	Horizontal
	4867.5	34.5	5.9	40.4	74.0	-33.6	Peak	Vertical
*	5887.5	32.9	7.6	40.5	74.0	-33.5	Peak	Vertical
	7579.0	33.7	11.6	45.3	74.0	-28.7	Peak	Vertical
*	10239.5	32.1	17.1	49.2	74.0	-24.8	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - Ant 2	Test Channel	03
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
	4944.0	33.6	6.1	39.7	74.0	-34.3	Peak	Horizontal
*	6100.0	33.0	8.1	41.1	74.0	-32.9	Peak	Horizontal
	7349.5	32.8	11.9	44.7	74.0	-29.3	Peak	Horizontal
*	9959.0	32.4	16.8	49.2	74.0	-24.8	Peak	Horizontal
	4867.5	33.9	5.9	39.8	74.0	-34.2	Peak	Vertical
*	6550.5	32.5	9.5	42.0	74.0	-32.0	Peak	Vertical
	7596.0	34.0	11.8	45.8	74.0	-28.2	Peak	Vertical
*	9950.5	32.0	16.9	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - Ant 2	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
	5114.0	33.6	6.6	40.2	74.0	-33.8	Peak	Horizontal
*	6627.0	33.5	9.6	43.1	74.0	-30.9	Peak	Horizontal
	7307.0	34.0	11.7	45.7	74.0	-28.3	Peak	Horizontal
*	9857.0	31.3	16.9	48.2	74.0	-25.8	Peak	Horizontal
	4927.0	33.6	6.1	39.7	74.0	-34.3	Peak	Vertical
*	6202.0	33.0	8.1	41.1	74.0	-32.9	Peak	Vertical
	7494.0	33.7	11.8	45.5	74.0	-28.5	Peak	Vertical
*	10265.0	32.3	17.2	49.5	74.0	-24.5	Peak	Vertical

Note 1: "*" means that the frequency is not in 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 AP Router Module	Test Engineer	Dandy Li
Test Site	AC1	Test Date	2020/06/26
Test Mode	802.11n-HT40 - Ant 2	Test Channel	09
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
	5080.0	34.3	6.8	41.1	74.0	-32.9	Peak	Horizontal
*	6125.5	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
	7596.0	34.8	11.8	46.6	74.0	-27.4	Peak	Horizontal
*	9950.5	31.1	16.9	48.0	74.0	-26.0	Peak	Horizontal
	5122.5	34.6	6.8	41.4	74.0	-32.6	Peak	Vertical
*	6423.0	33.6	9.1	42.7	74.0	-31.3	Peak	Vertical
	7494.0	33.4	11.8	45.2	74.0	-28.8	Peak	Vertical
*	10307.5	31.8	17.3	49.1	74.0	-24.9	Peak	Vertical

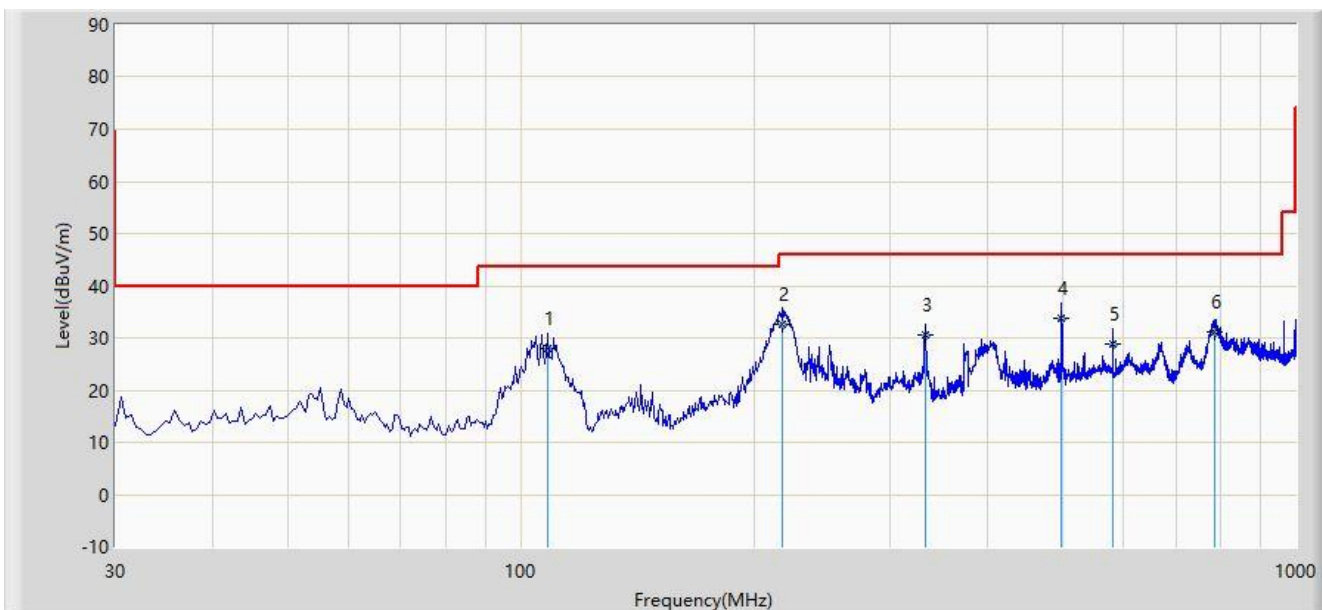
Note 1: "*" means that the frequency is not in restricted band.

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 Radiated Emission below 1GHz:

Site: AC1	Time: 2020/06/23 - 09:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g 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			108.570	27.864	17.021	-15.636	43.500	10.843	QP
2			217.695	32.681	20.378	-13.319	46.000	12.303	QP
3			332.155	30.510	14.025	-15.490	46.000	16.484	QP
4		*	497.540	33.755	13.711	-12.245	46.000	20.044	QP
5			579.990	28.890	7.051	-17.110	46.000	21.839	QP
6			785.630	31.240	6.358	-14.760	46.000	24.882	QP

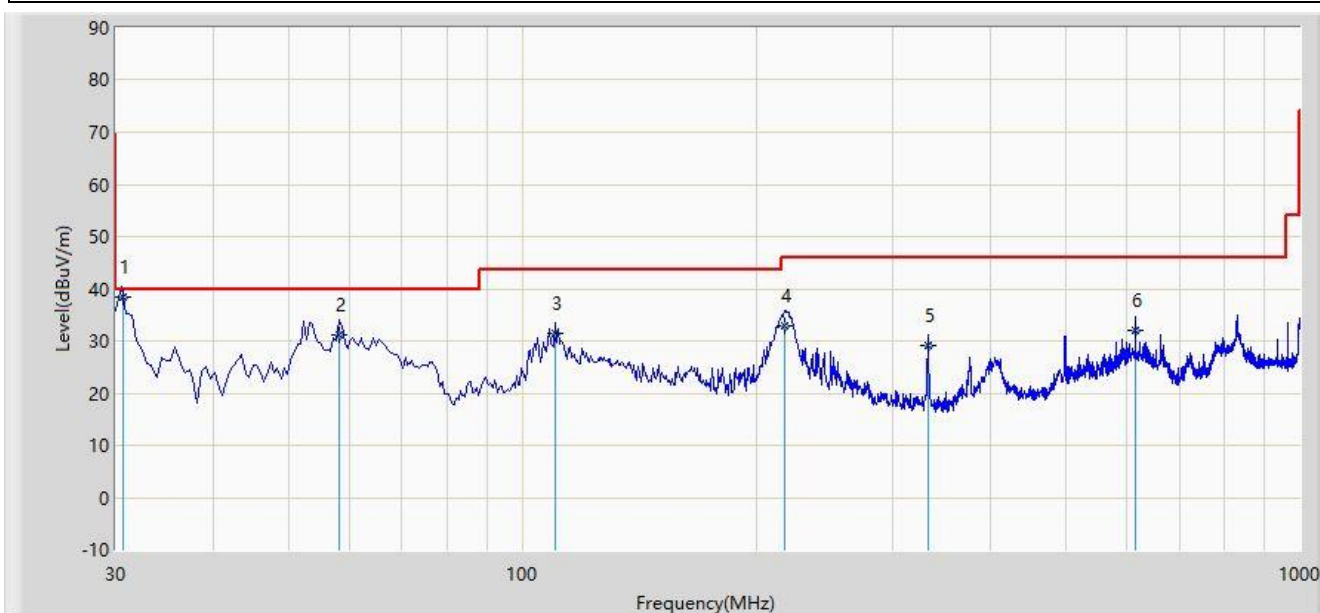
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

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

Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/06/23 - 09:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g 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		*	30.641	38.495	24.490	-1.505	40.000	14.005	QP
2			58.130	31.250	16.608	-8.750	40.000	14.642	QP
3			110.510	31.501	20.419	-11.999	43.500	11.082	QP
4			217.210	32.980	20.682	-13.020	46.000	12.298	QP
5			332.640	29.250	12.754	-16.750	46.000	16.496	QP
6			614.425	31.980	9.517	-14.020	46.000	22.463	QP

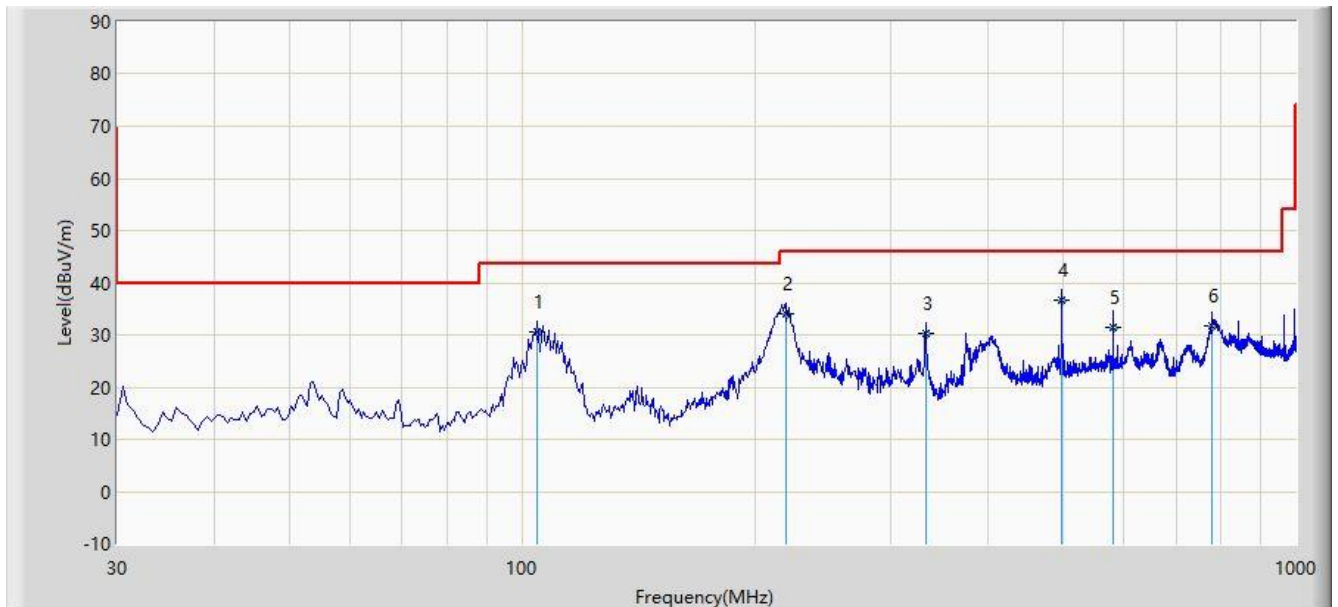
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

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

Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/06/23 - 09:43
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz - Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			104.690	30.640	20.280	-12.860	43.500	10.360	QP
2			219.150	34.130	21.817	-11.870	46.000	12.313	QP
3			332.155	30.244	13.759	-15.756	46.000	16.484	QP
4		*	498.025	36.767	16.719	-9.233	46.000	20.048	QP
5			579.990	31.580	9.741	-14.420	46.000	21.839	QP
6			779.810	31.650	6.825	-14.350	46.000	24.825	QP

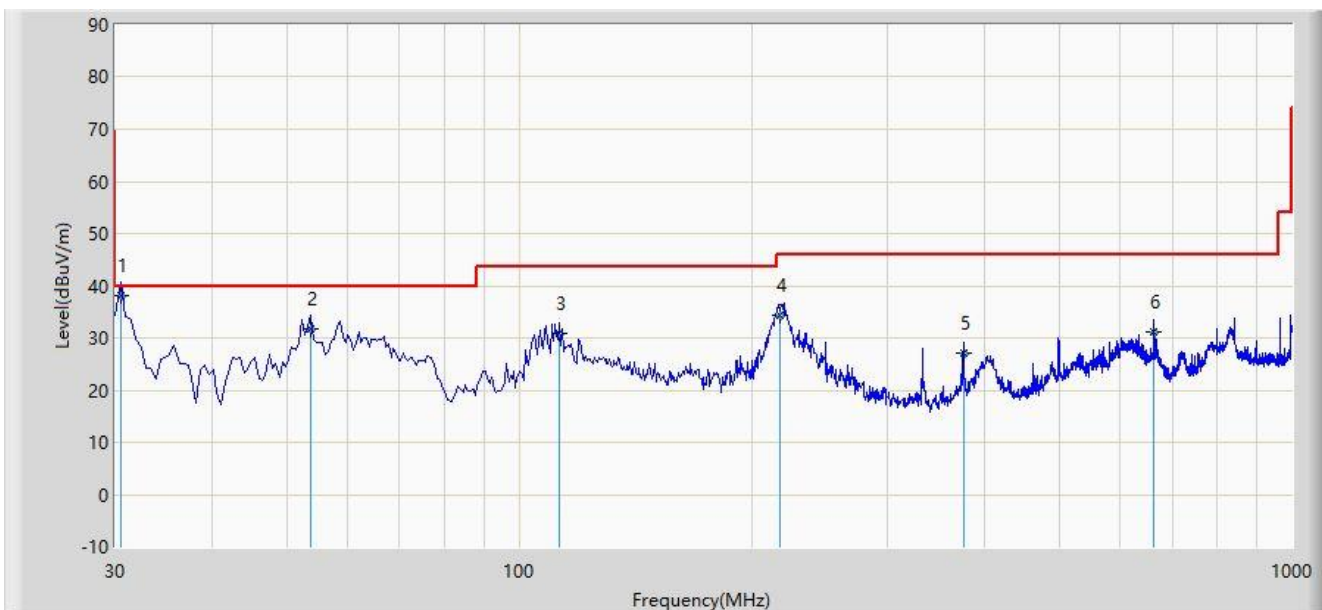
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

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

Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/06/23 - 09:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz - Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	30.485	38.250	24.257	-1.750	40.000	13.993	QP
2			53.765	31.650	16.597	-8.350	40.000	15.052	QP
3			112.935	30.826	19.440	-12.674	43.500	11.386	QP
4			217.695	34.485	22.182	-11.515	46.000	12.303	QP
5			375.805	27.082	9.588	-18.918	46.000	17.493	QP
6			662.440	31.190	8.247	-14.810	46.000	22.943	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 and 18GHz ~ 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. 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
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 Limits		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.6

ANSI C63.10-2013 Section 11.13

7.7.3.Test Setting

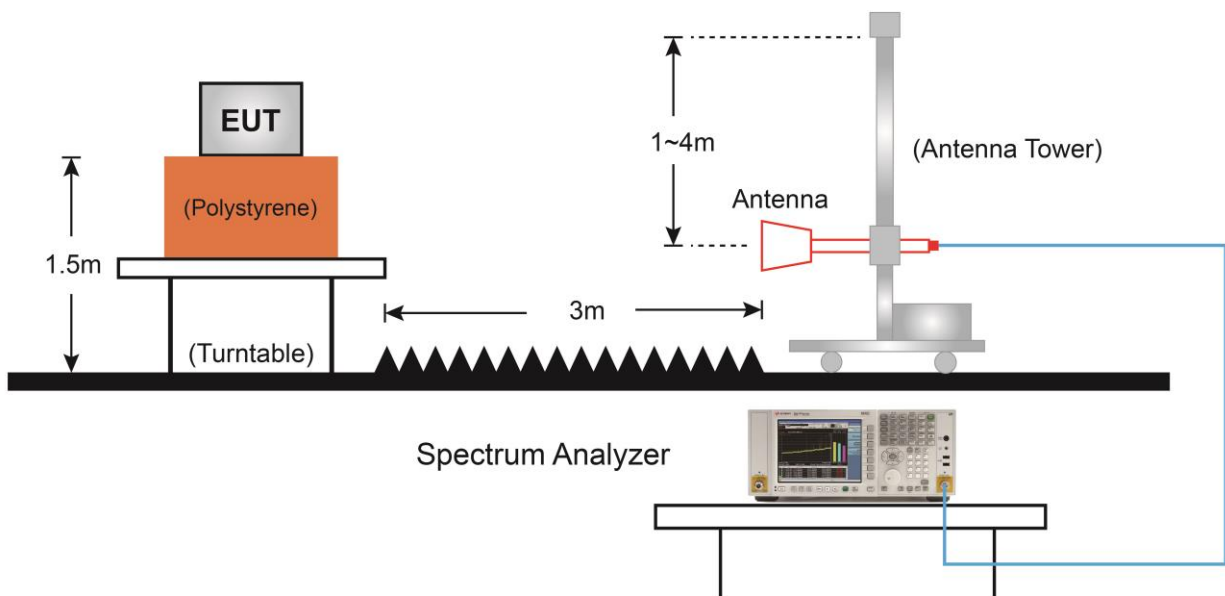
Peak Field Strength Measurements

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)

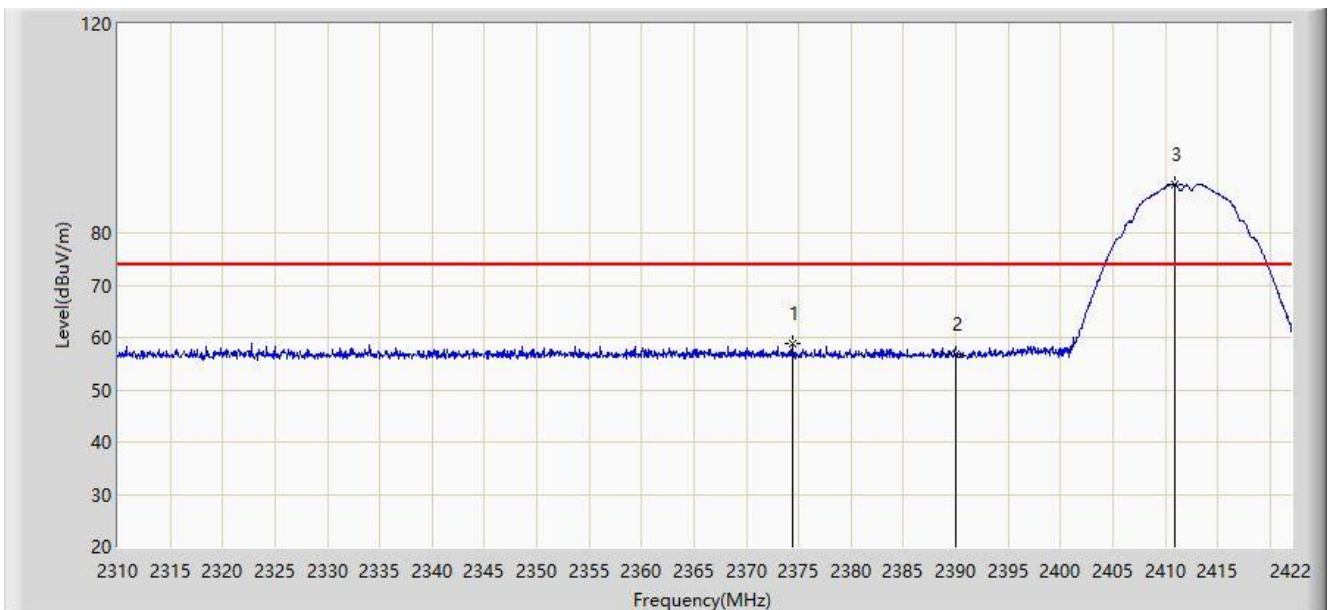
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.7.4.Test Setup



7.7.5.Test Result

Site: AC1	Time: 2020/06/30 - 18:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 1	

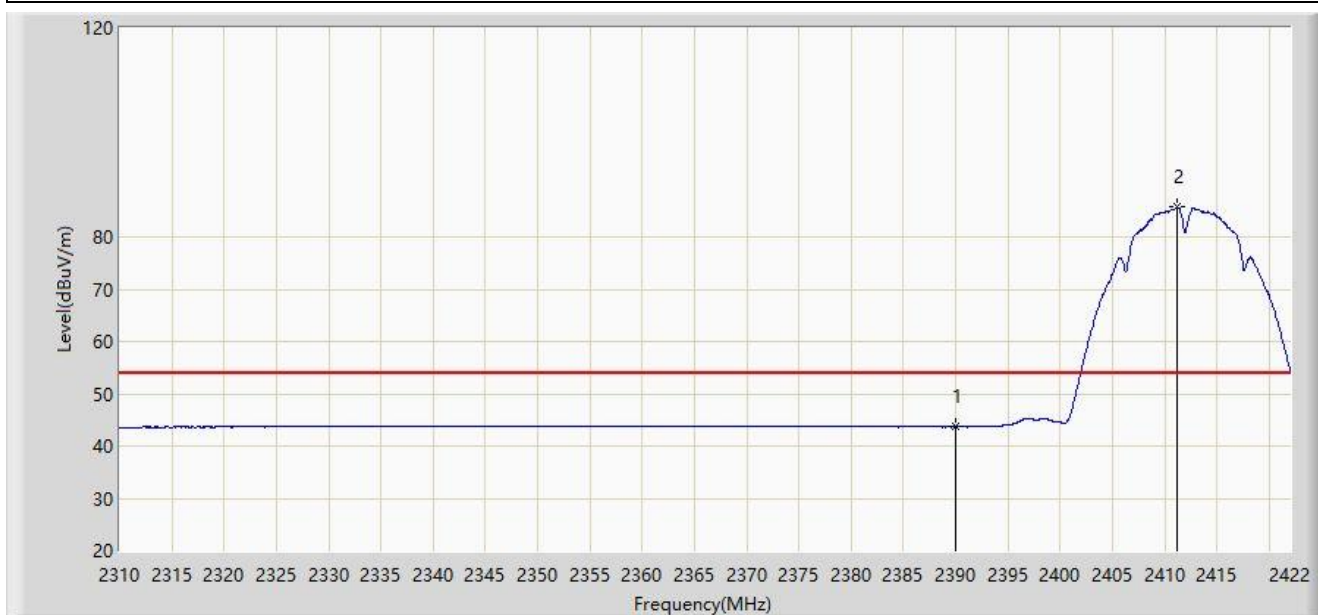


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.400	58.847	26.764	-15.153	74.000	32.083	PK
2			2390.000	56.678	24.606	-17.322	74.000	32.072	PK
3		*	2410.912	89.315	57.234	N/A	N/A	32.081	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 1	

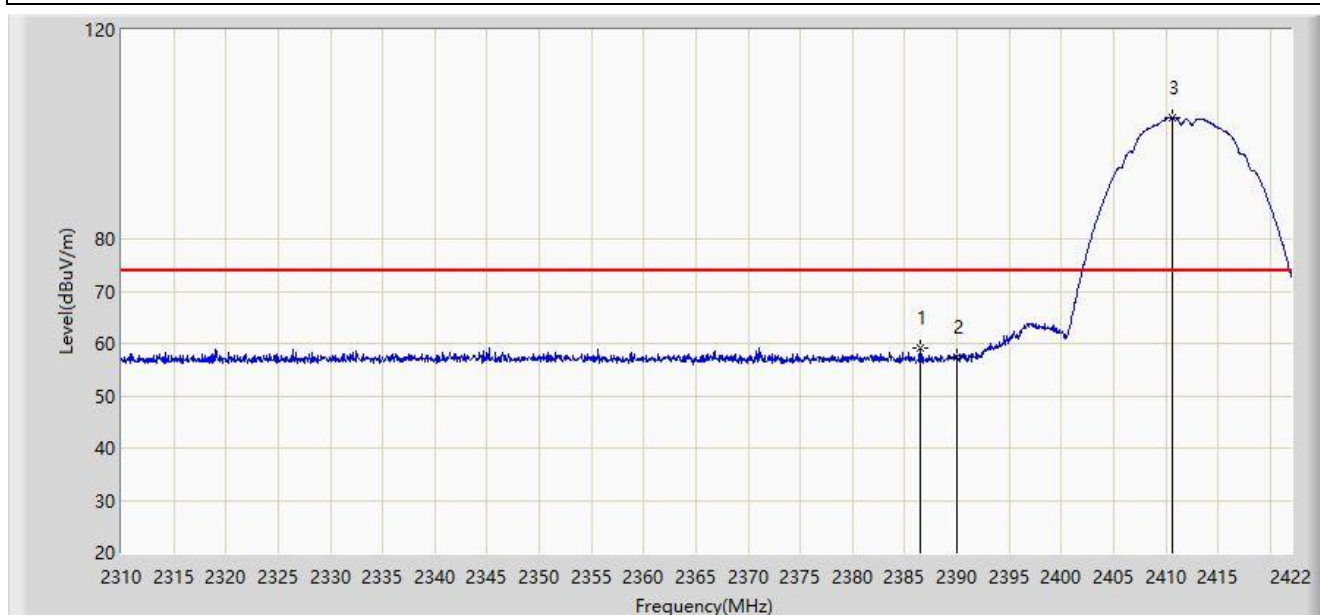


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.663	11.591	-10.337	54.000	32.072	AV
2		*	2411.192	85.678	53.597	N/A	N/A	32.082	AV

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

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

Site: AC1	Time: 2020/06/30 - 18:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 1	

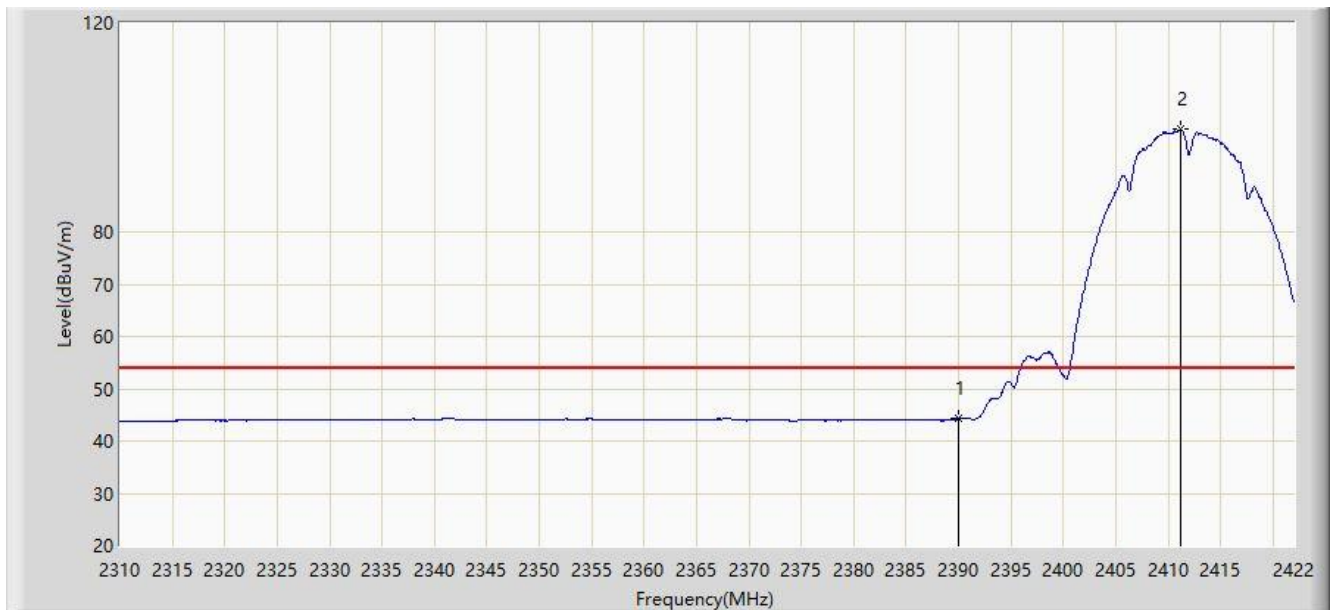


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.440	59.022	26.949	-14.978	74.000	32.073	PK
2			2390.000	57.393	25.321	-16.607	74.000	32.072	PK
3		*	2410.688	103.319	71.238	N/A	N/A	32.081	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 1	

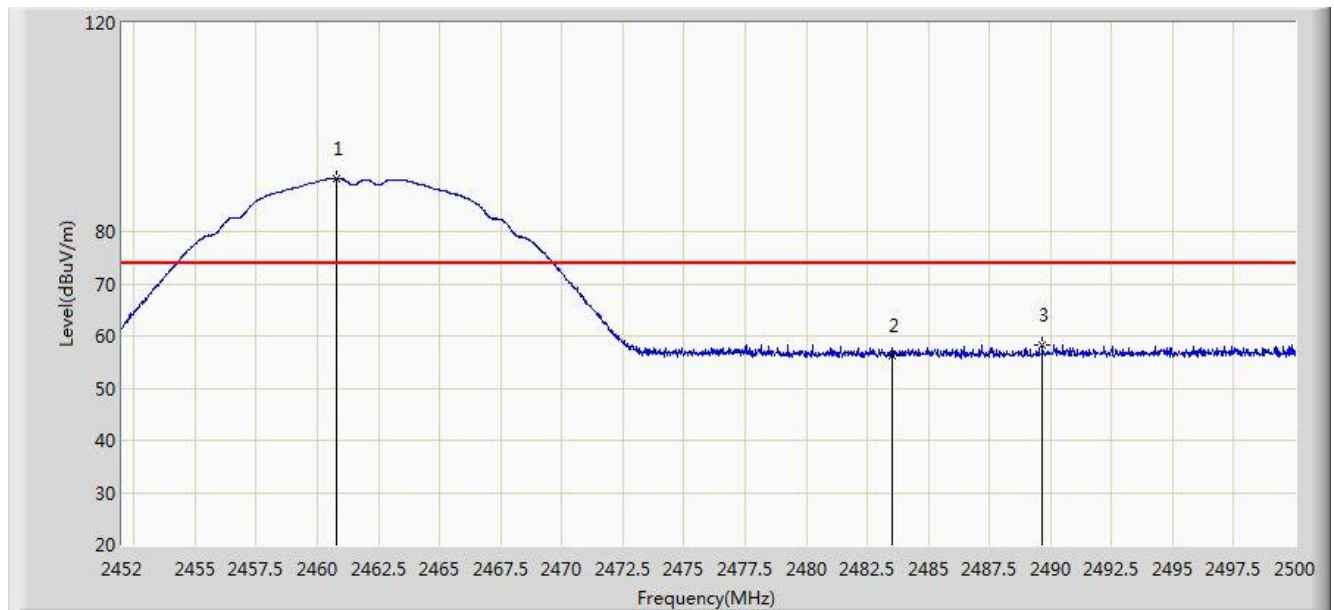


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.351	12.279	-9.649	54.000	32.072	AV
2		*	2411.248	99.663	67.582	N/A	N/A	32.082	AV

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

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

Site: AC1	Time: 2020/06/26 - 13:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router 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		*	2460.808	90.182	58.102	N/A	N/A	32.080	PK
2			2483.500	56.313	24.276	-17.687	74.000	32.037	PK
3			2489.656	58.349	26.324	-15.651	74.000	32.025	PK

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

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

Site: AC1	Time: 2020/06/26 - 14:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 1	

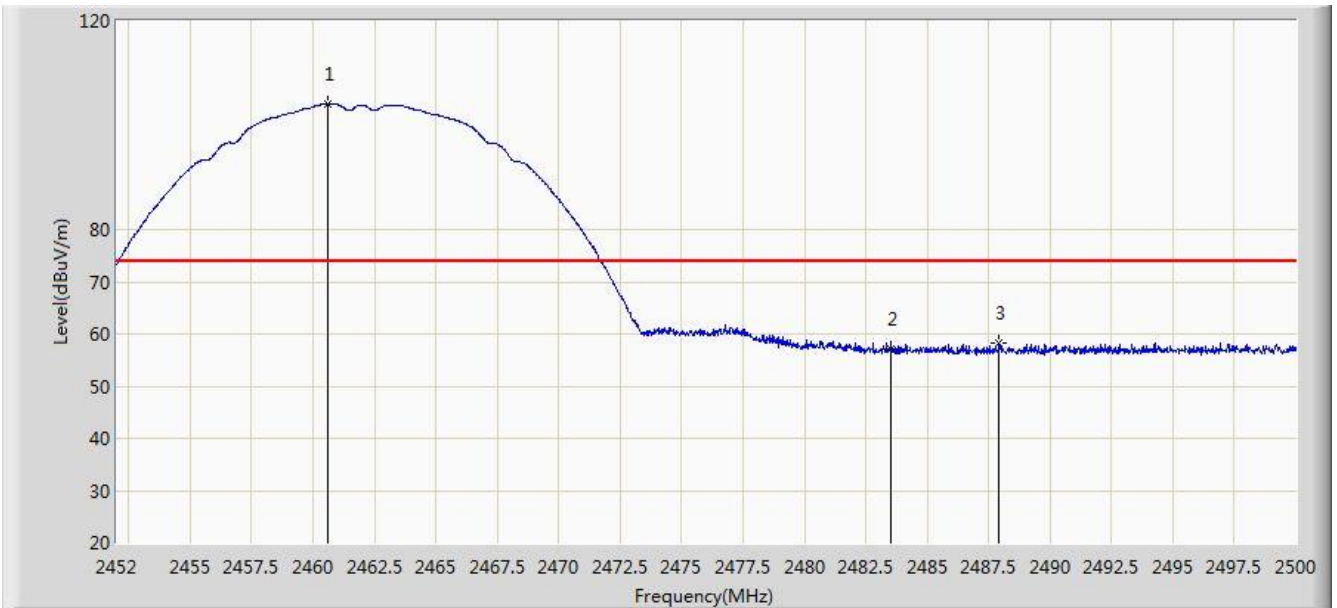


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.216	86.323	54.243	N/A	N/A	32.081	AV
2			2483.500	43.565	11.528	-10.435	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/26 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router 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		*	2460.592	104.108	72.028	N/A	N/A	32.080	PK
2			2483.500	57.102	25.065	-16.898	74.000	32.037	PK
3			2487.928	58.139	26.110	-15.861	74.000	32.028	PK

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

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

Site: AC1	Time: 2020/06/26 - 14:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 1	

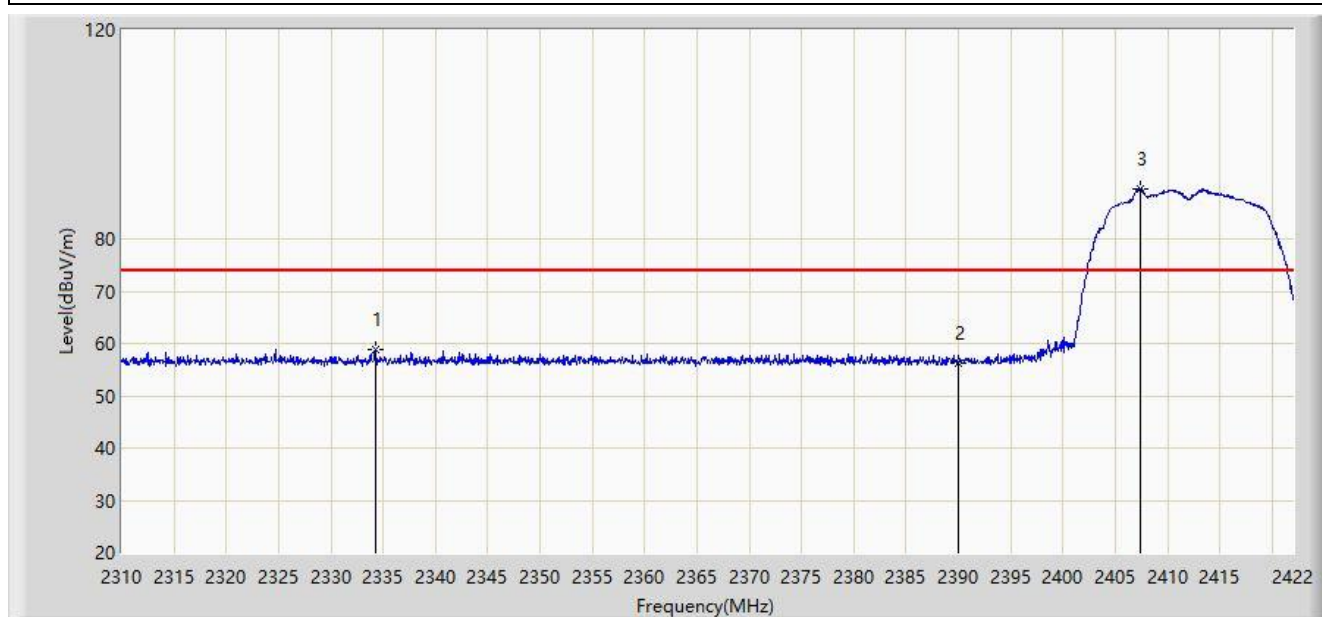


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	100.555	68.475	N/A	N/A	32.081	AV
2			2483.500	43.758	11.721	-10.242	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/30 - 18:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 1	

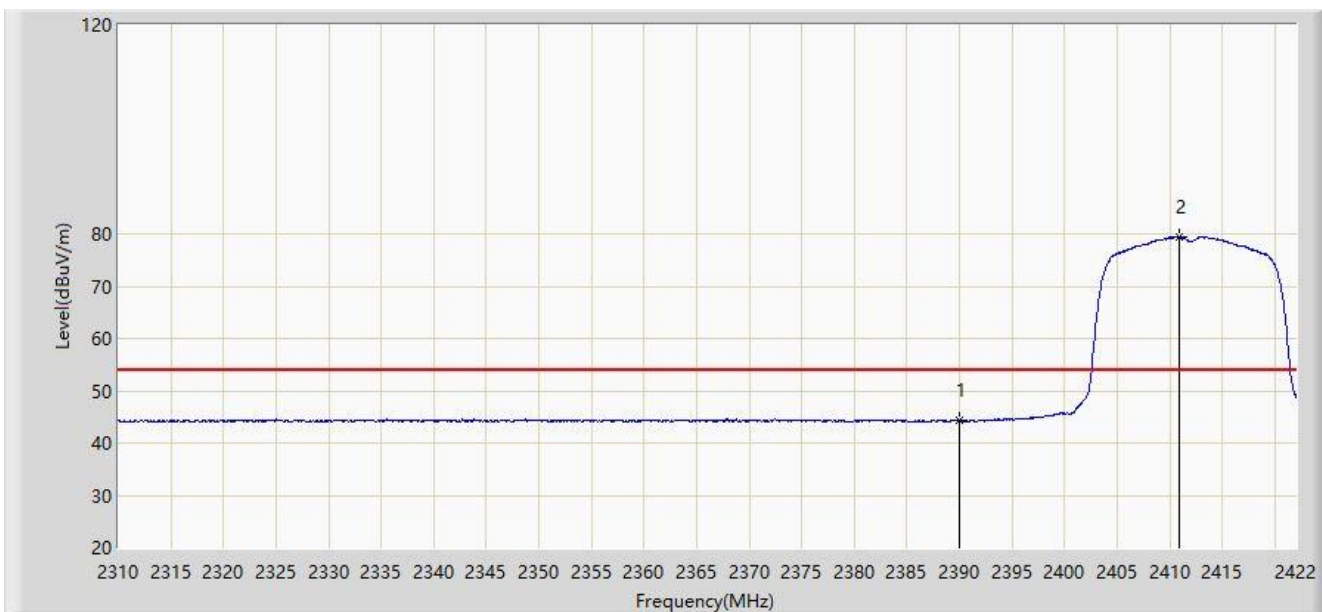


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2334.248	58.959	26.800	-15.041	74.000	32.159	PK
2			2390.000	56.332	24.260	-17.668	74.000	32.072	PK
3		*	2407.440	89.543	57.464	N/A	N/A	32.079	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 1	

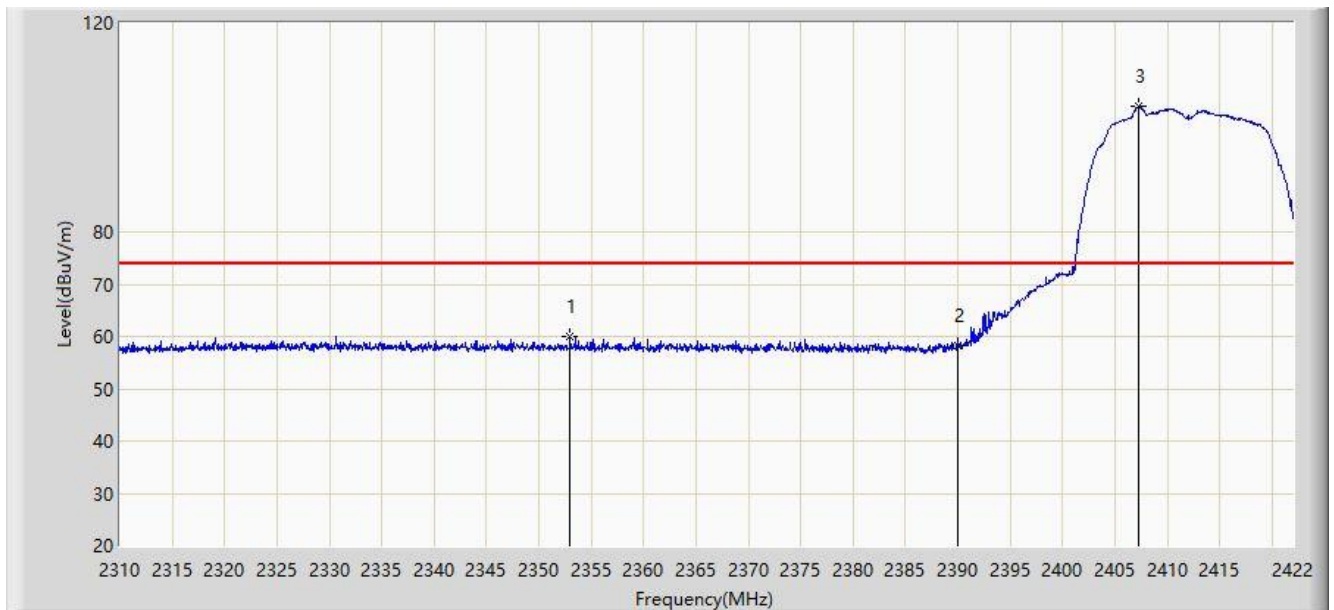


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.395	12.323	-9.605	54.000	32.072	AV
2		*	2410.856	79.446	47.365	N/A	N/A	32.080	AV

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

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

Site: AC1	Time: 2020/06/30 - 18:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 1	

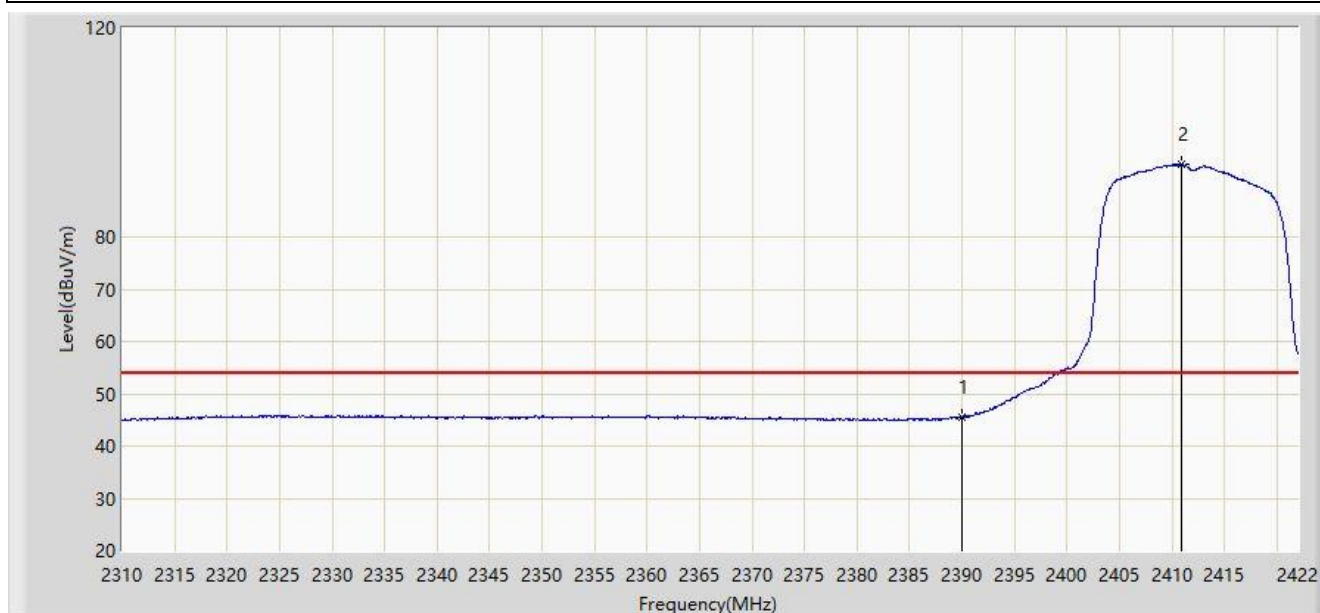


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2353.008	59.946	27.818	-14.054	74.000	32.128	PK
2			2390.000	58.249	26.177	-15.751	74.000	32.072	PK
3		*	2407.272	104.051	71.972	N/A	N/A	32.078	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 1	

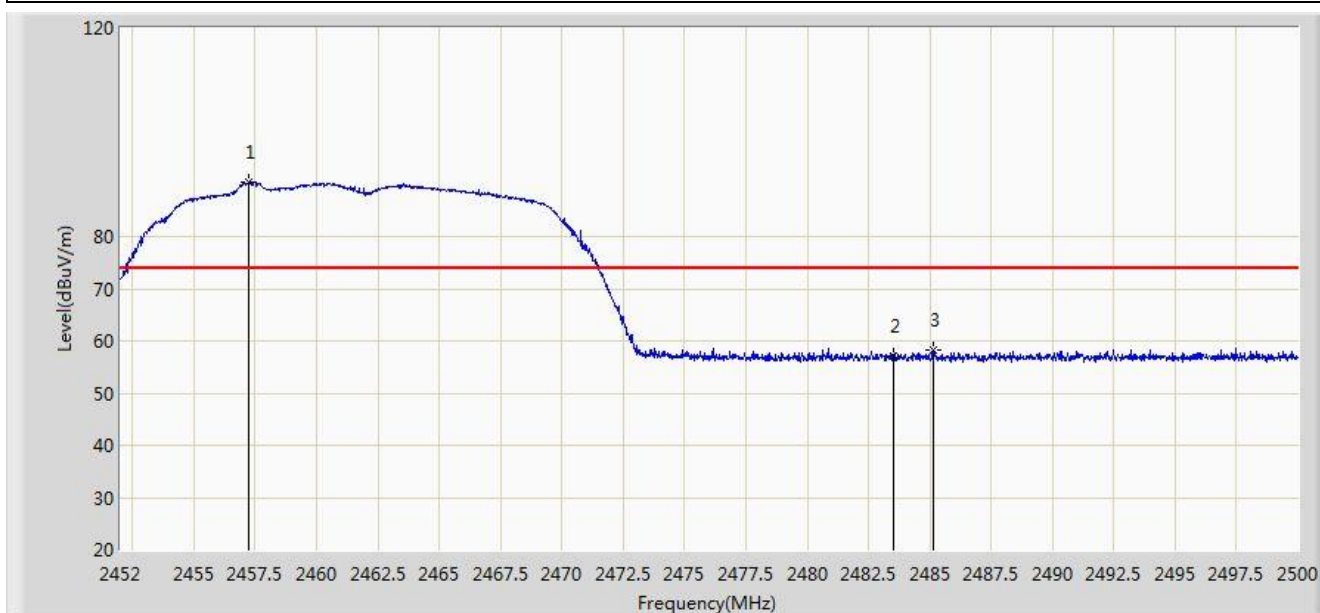


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.461	13.389	-8.539	54.000	32.072	AV
2		*	2410.856	93.978	61.897	N/A	N/A	32.080	AV

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

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

Site: AC1	Time: 2020/06/26 - 12:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz Ant 1	

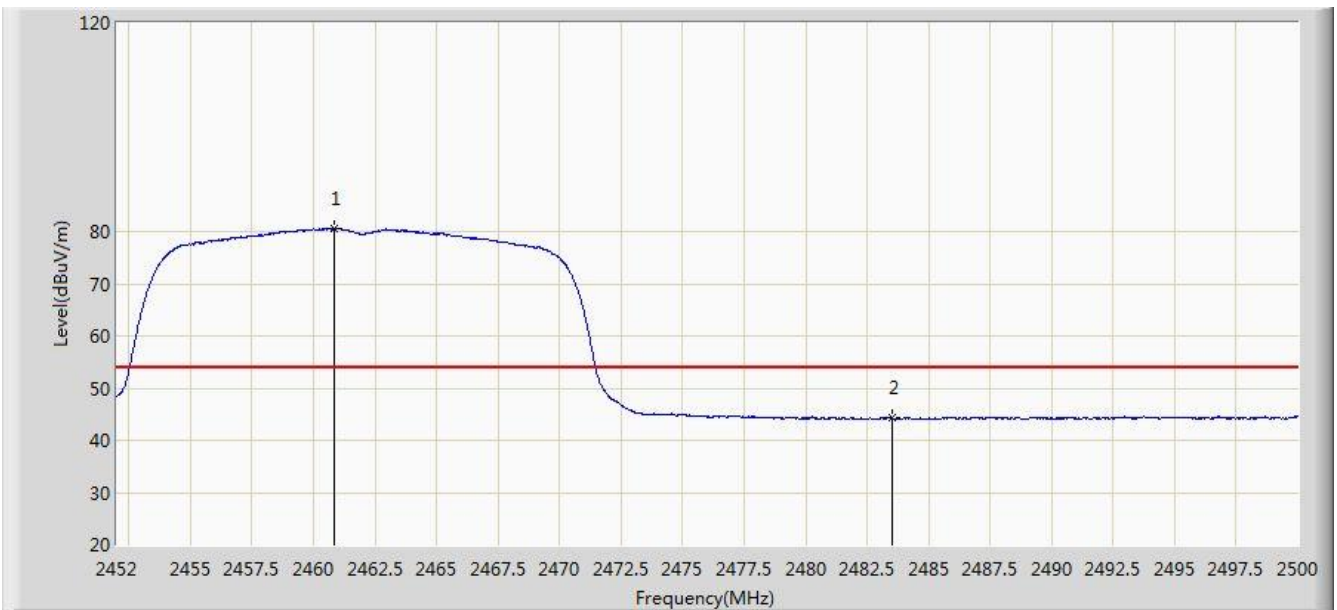


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.208	90.560	58.481	N/A	N/A	32.079	PK
2			2483.500	57.112	25.075	-16.888	74.000	32.037	PK
3			2485.120	58.157	26.123	-15.843	74.000	32.034	PK

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

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

Site: AC1	Time: 2020/06/26 - 12:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz Ant 1	

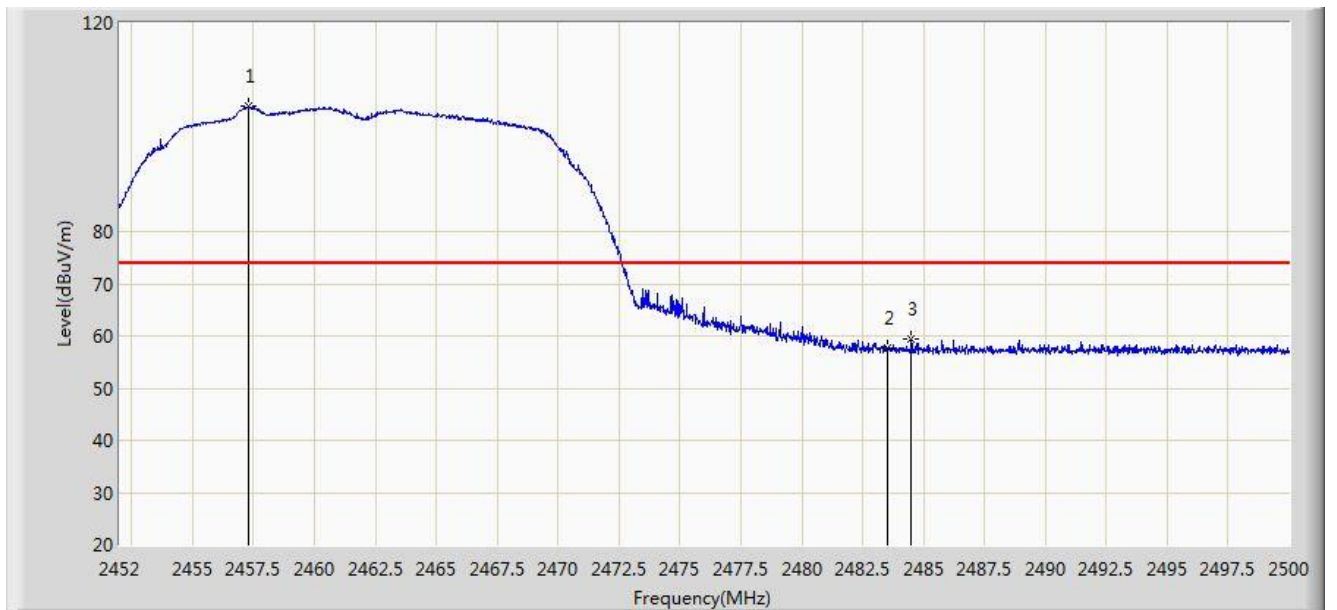


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	80.563	48.483	N/A	N/A	32.080	AV
2			2483.500	44.232	12.195	-9.768	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/26 - 12:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g 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		*	2457.304	103.929	71.850	N/A	N/A	32.078	PK
2			2483.500	57.687	25.650	-16.313	74.000	32.037	PK
3			2484.496	59.277	27.242	-14.723	74.000	32.035	PK

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

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

Site: AC1	Time: 2020/06/26 - 12:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz Ant 1	

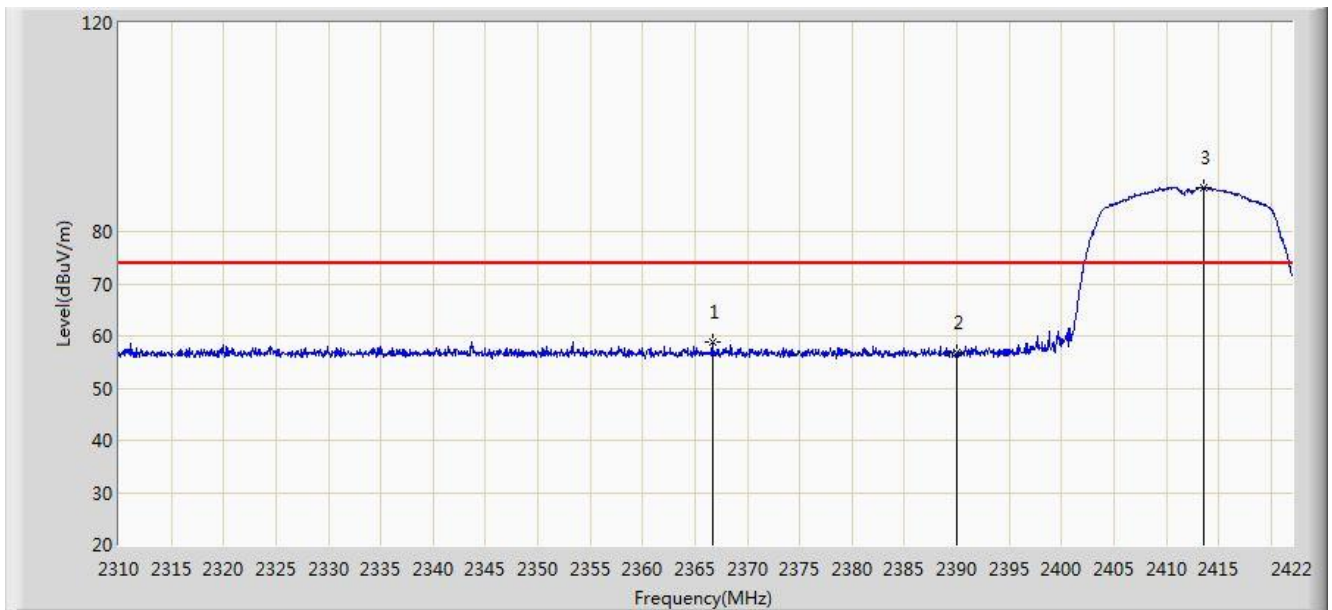


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.760	94.338	62.258	N/A	N/A	32.080	AV
2			2483.500	44.767	12.730	-9.233	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/26 - 12:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 1	

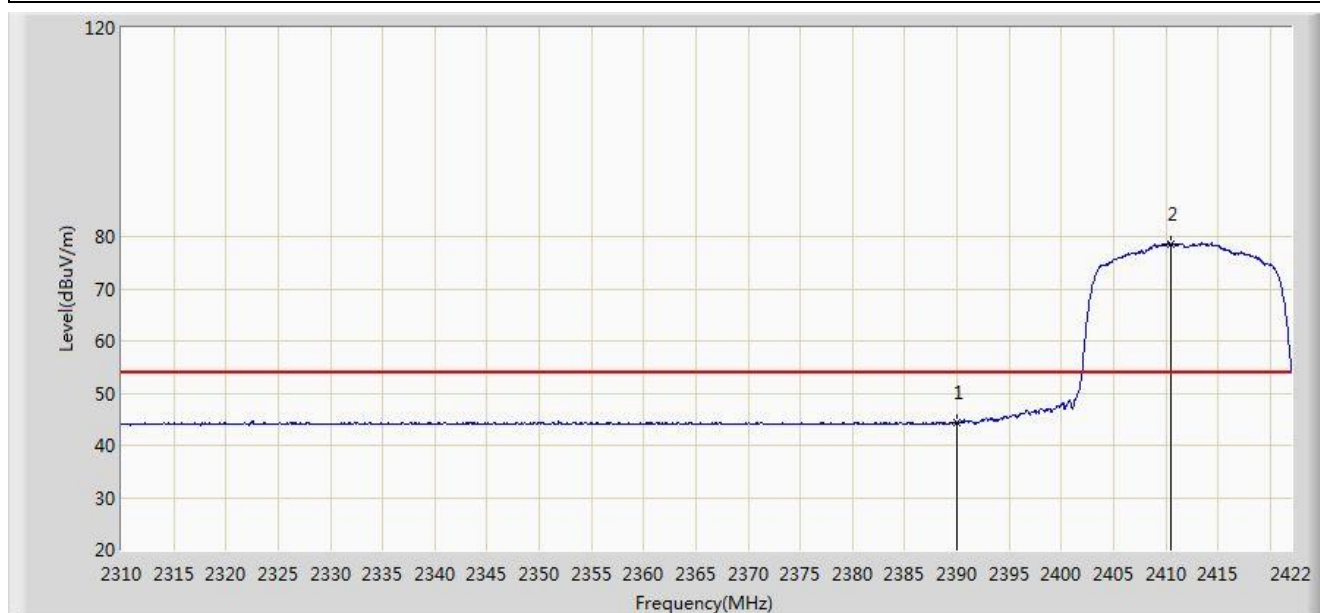


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2366.672	58.706	26.602	-15.294	74.000	32.104	PK
2			2390.000	56.755	24.683	-17.245	74.000	32.072	PK
3		*	2413.544	88.393	56.305	N/A	N/A	32.088	PK

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

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

Site: AC1	Time: 2020/06/26 - 12:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 1	

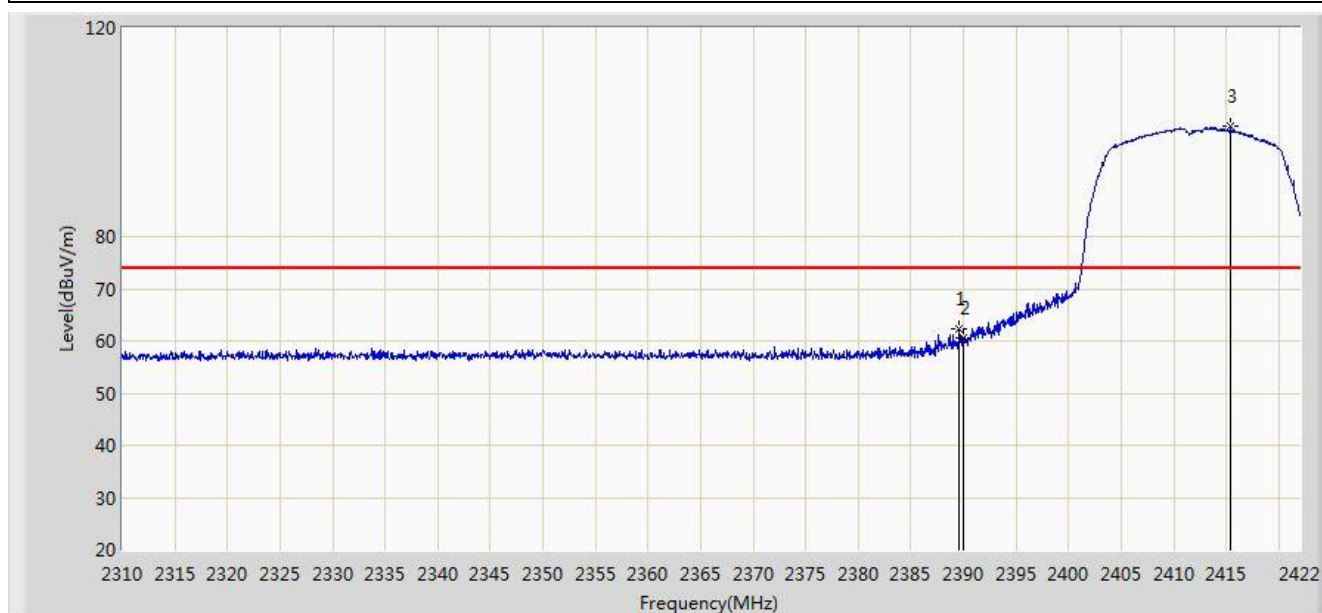


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.382	12.310	-9.618	54.000	32.072	AV
2		*	2410.520	78.626	46.545	N/A	N/A	32.081	AV

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

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

Site: AC1	Time: 2020/06/26 - 12:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 1	

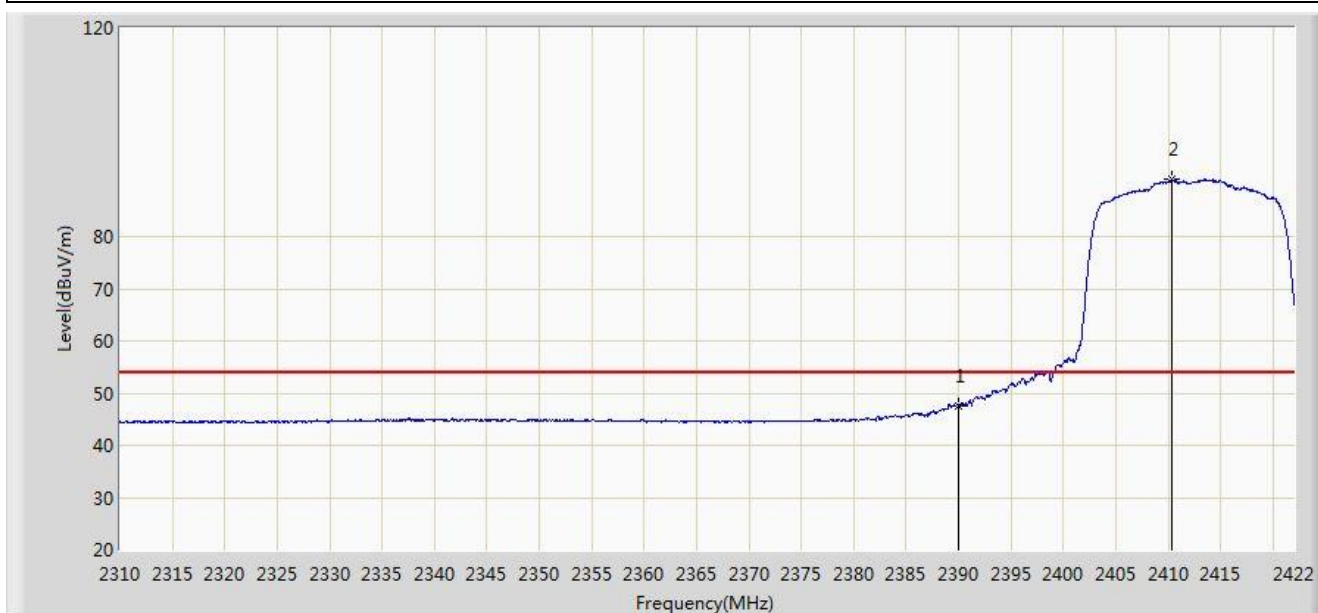


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.576	62.191	30.119	-11.809	74.000	32.072	PK
2			2390.000	60.630	28.558	-13.370	74.000	32.072	PK
3		*	2415.392	101.115	69.023	N/A	N/A	32.093	PK

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

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

Site: AC1	Time: 2020/06/26 - 12:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 1	

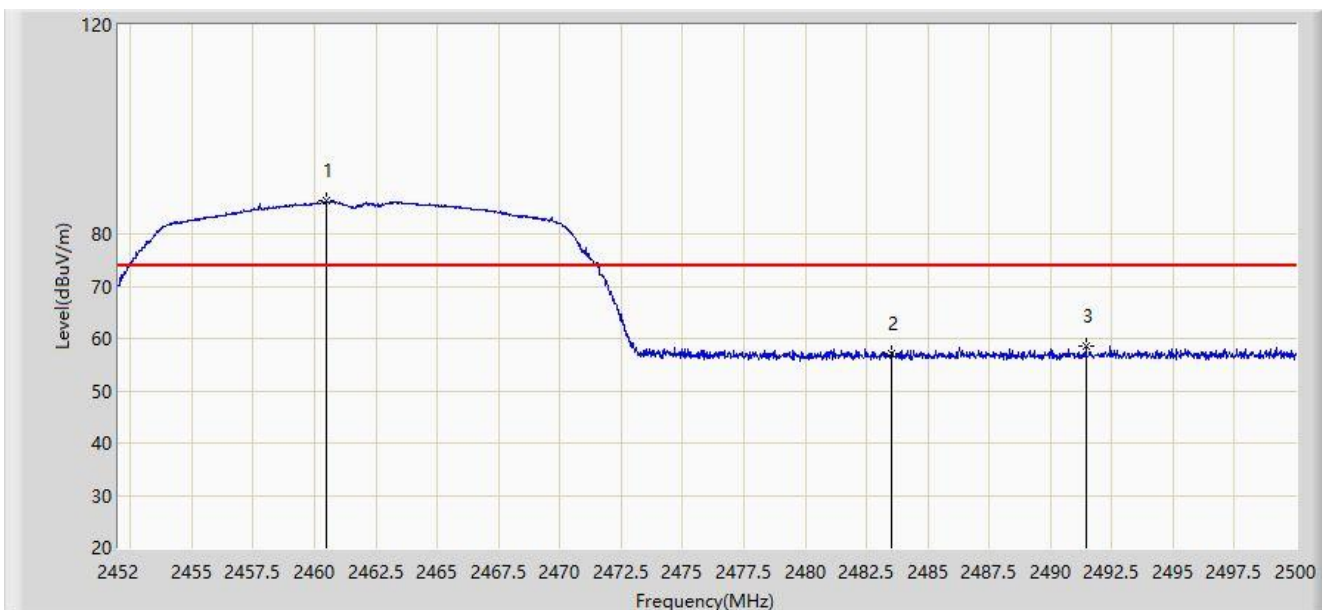


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.656	15.584	-6.344	54.000	32.072	AV
2		*	2410.408	90.963	58.883	N/A	N/A	32.080	AV

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

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

Site: AC1	Time: 2020/06/30 - 18:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 1	

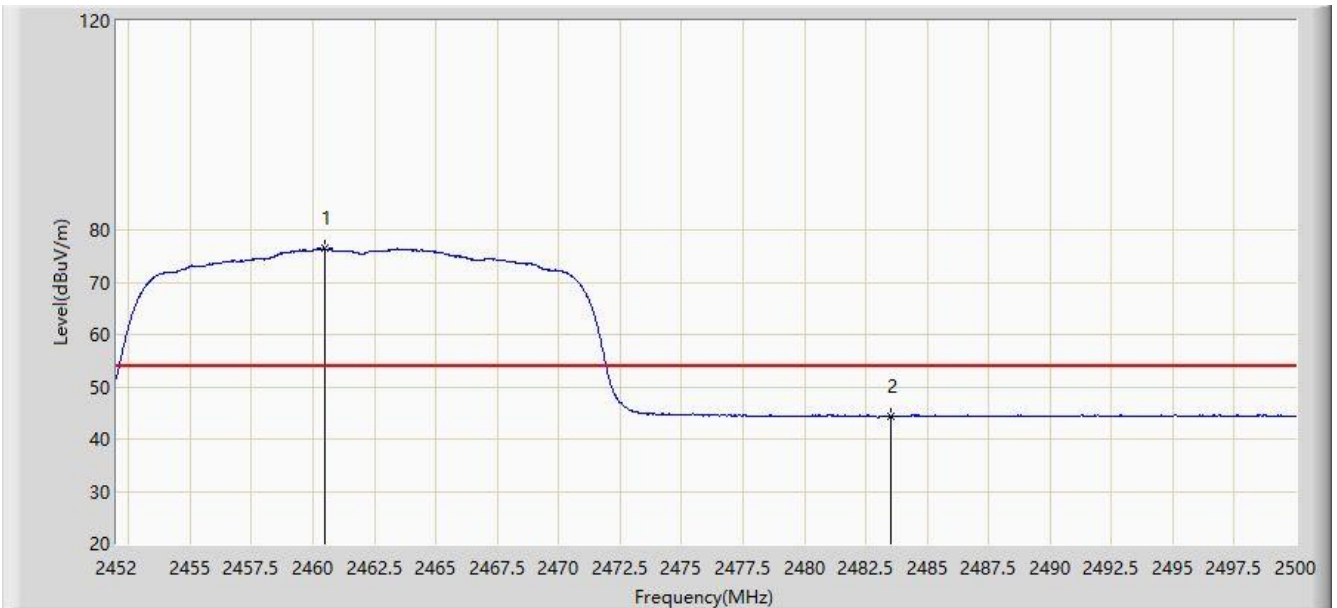


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.496	86.238	54.158	N/A	N/A	32.080	PK
2			2483.500	56.964	24.927	-17.036	74.000	32.037	PK
3			2491.432	58.600	26.578	-15.400	74.000	32.022	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 1	

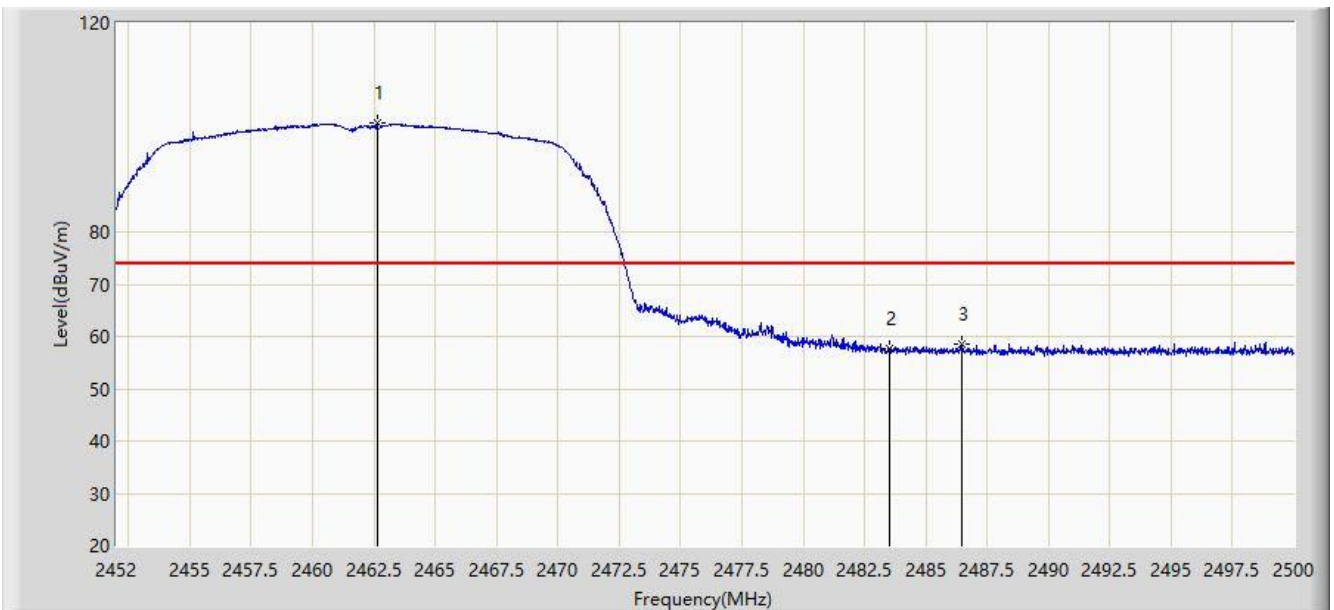


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.496	76.399	44.319	N/A	N/A	32.080	AV
2			2483.500	44.259	12.222	-9.741	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/30 - 18:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 1	

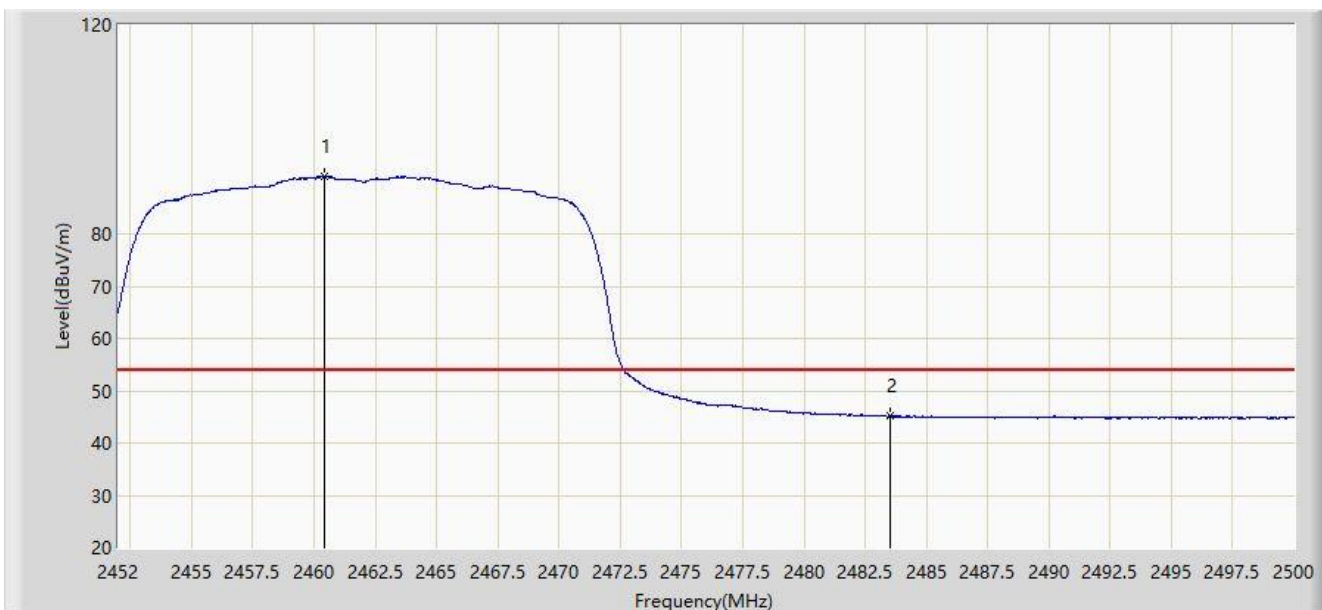


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.632	100.850	68.771	N/A	N/A	32.079	PK
2			2483.500	57.553	25.516	-16.447	74.000	32.037	PK
3			2486.464	58.680	26.649	-15.320	74.000	32.031	PK

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

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

Site: AC1	Time: 2020/06/30 - 18:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 1	

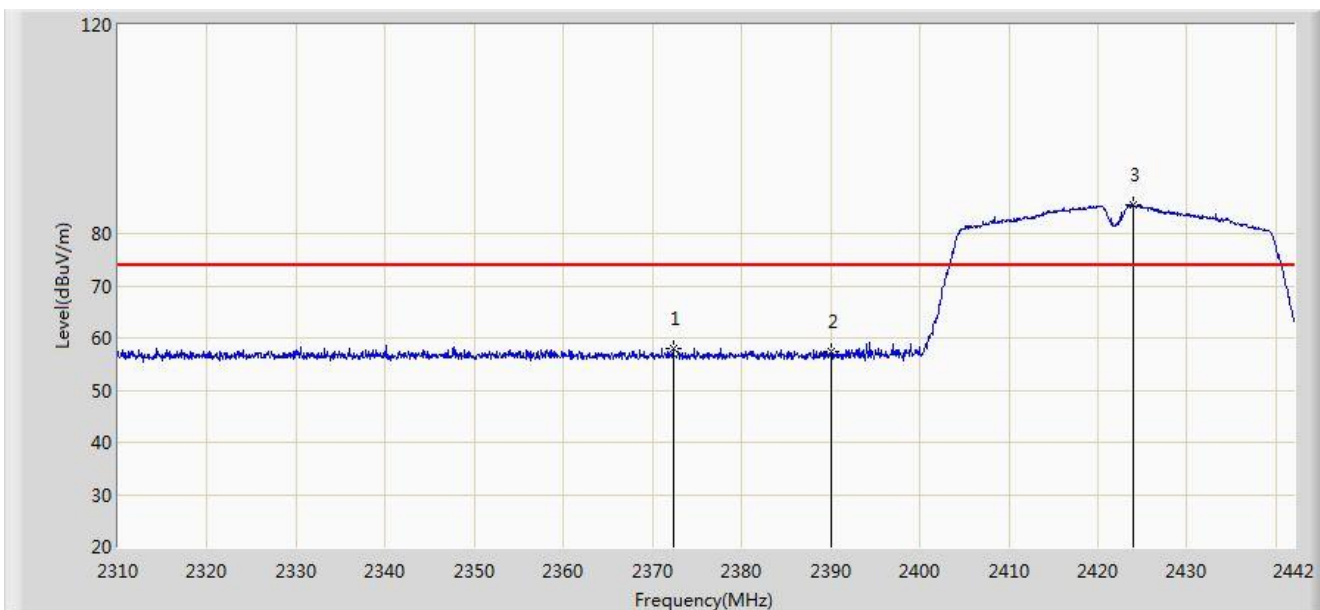


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.424	91.048	58.968	N/A	N/A	32.080	AV
2			2483.500	45.134	13.097	-8.866	54.000	32.037	AV

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

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

Site: AC1	Time: 2020/06/26 - 13:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 1	

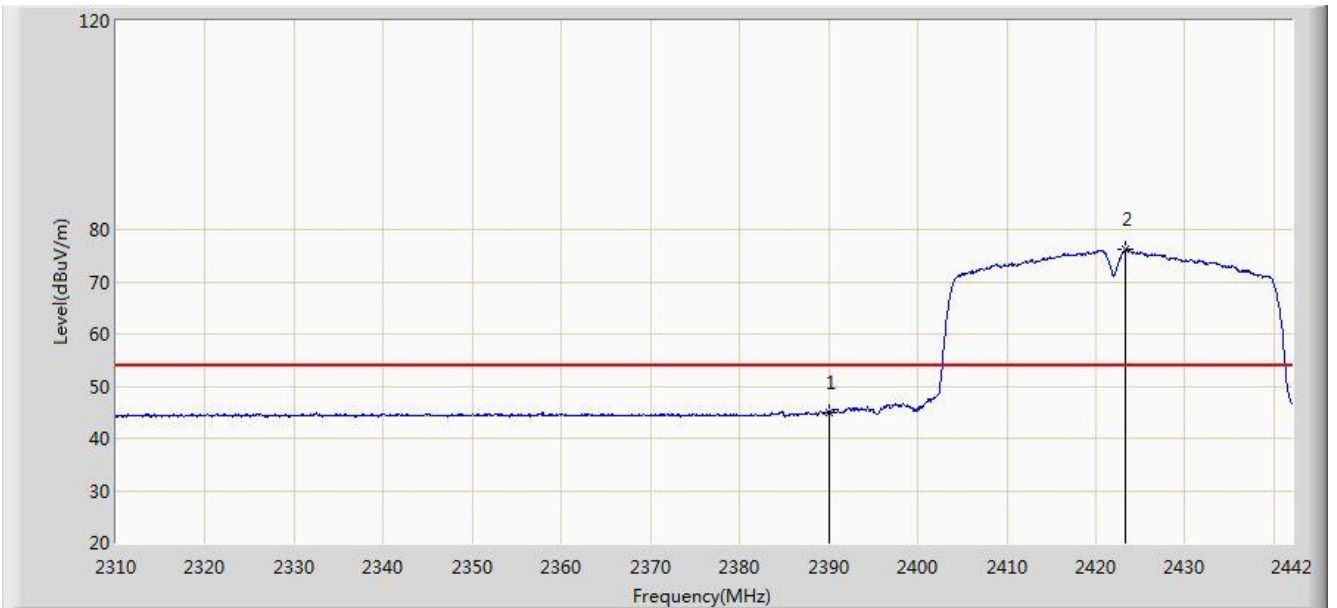


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2372.304	58.052	25.963	-15.948	74.000	32.089	PK
2			2390.000	57.277	25.205	-16.723	74.000	32.072	PK
3		*	2423.916	85.407	53.292	N/A	N/A	32.115	PK

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

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

Site: AC1	Time: 2020/06/26 - 13:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 1	

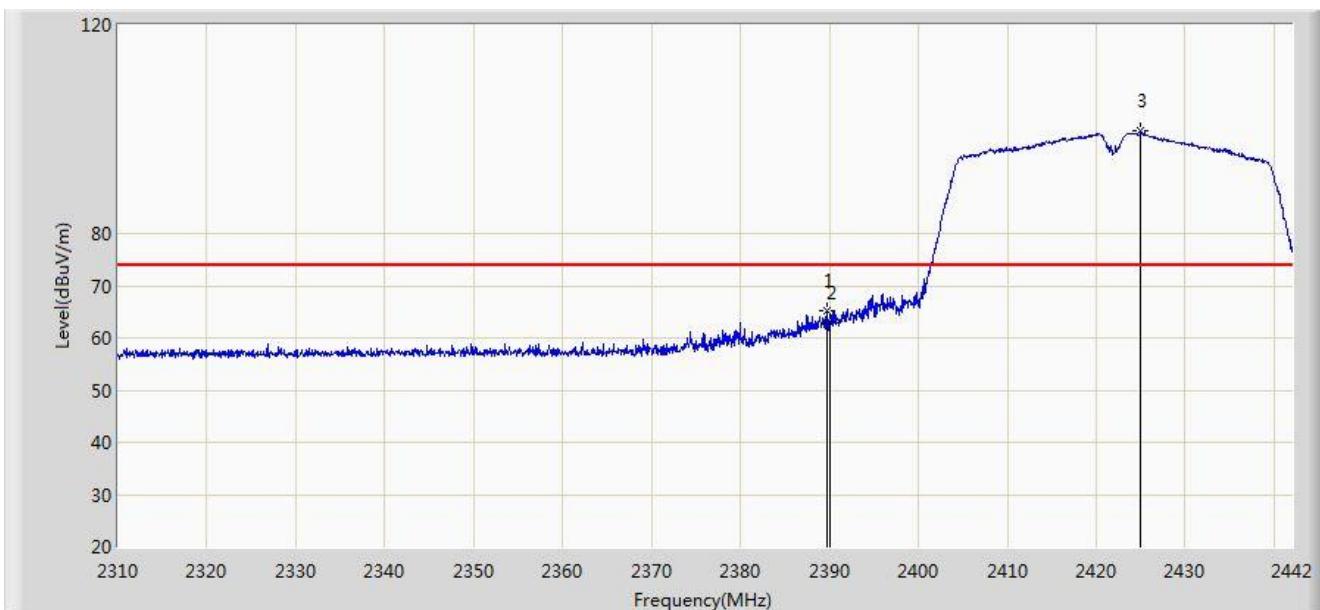


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.839	12.767	-9.161	54.000	32.072	AV
2		*	2423.388	76.227	44.114	N/A	N/A	32.114	AV

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

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

Site: AC1	Time: 2020/06/26 - 13:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi AP Router Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.662	65.152	33.080	-8.848	74.000	32.072	PK
2			2390.000	62.873	30.801	-11.127	74.000	32.072	PK
3		*	2424.972	99.605	67.487	N/A	N/A	32.118	PK

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

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