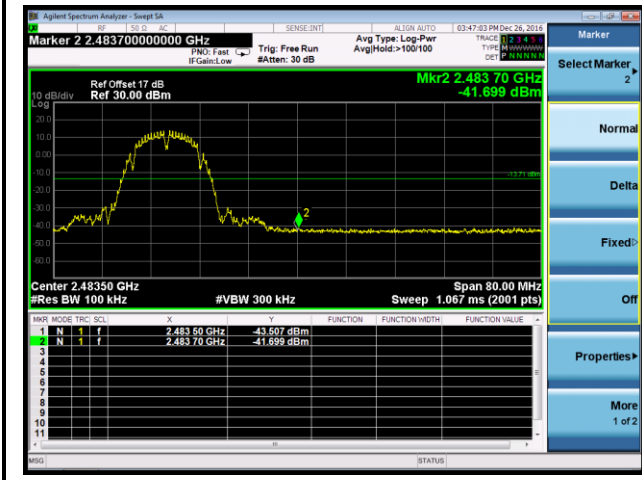
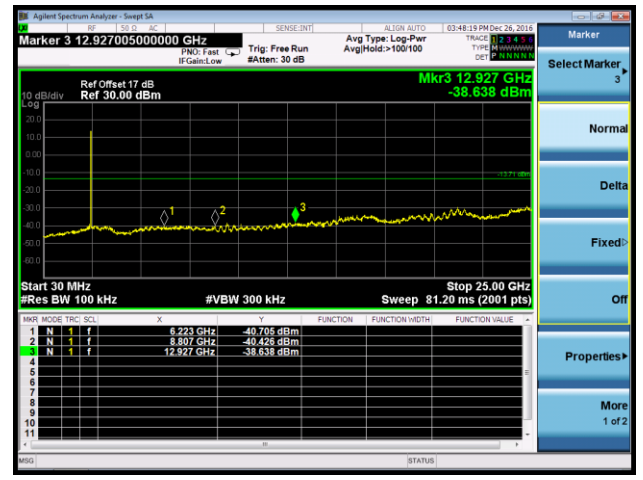


Channel 11 (2462MHz)

High Band Edge

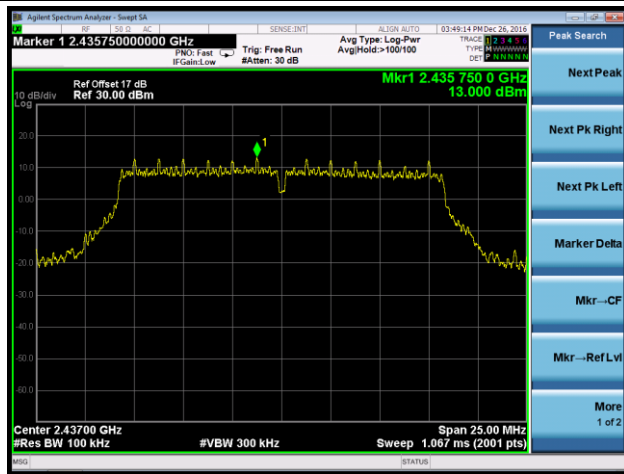


Spurious Emission



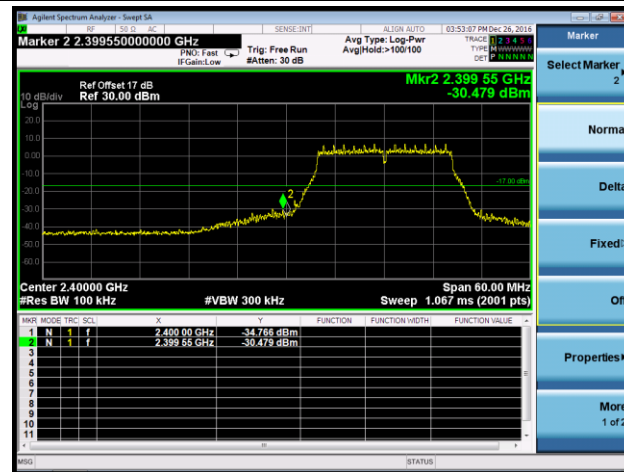
802.11g Out-of-Band Emissions - Ant 1 / Ant 0 + 1 + 2

100kHz PSD Reference Level

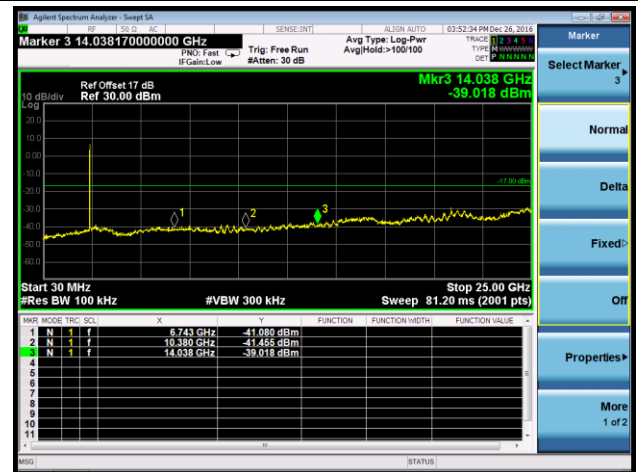


Channel 01 (2412MHz)

Low Band Edge

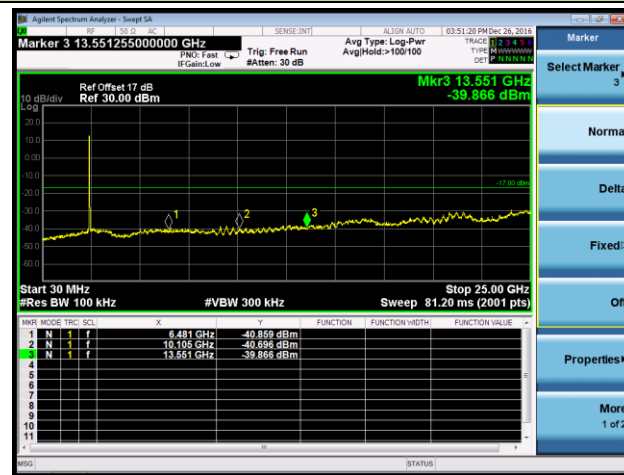


Spurious Emission



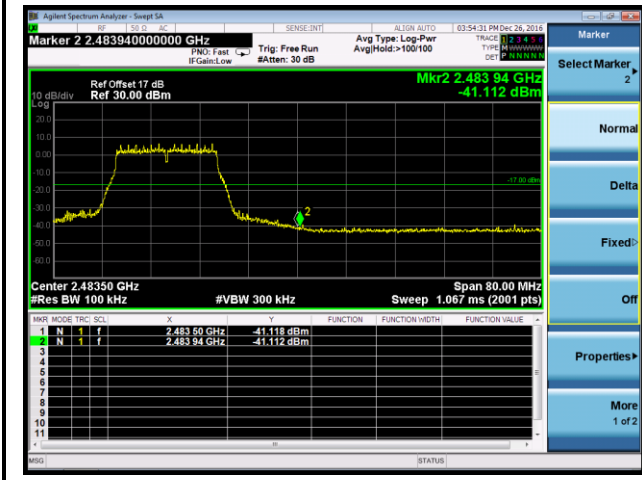
Channel 06 (2437MHz)

Spurious Emission

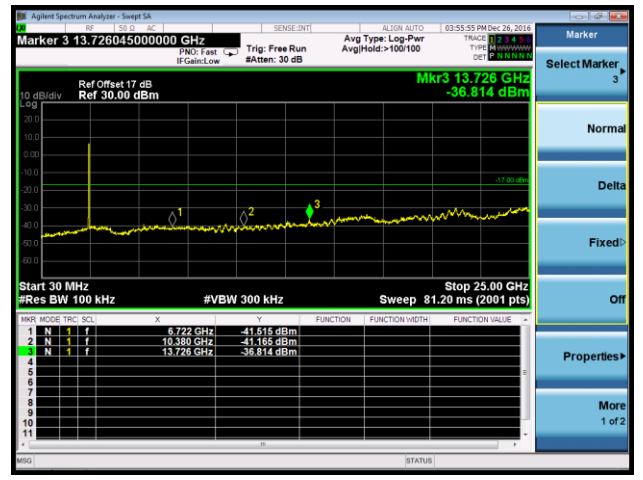


Channel 11 (2462MHz)

High Band Edge

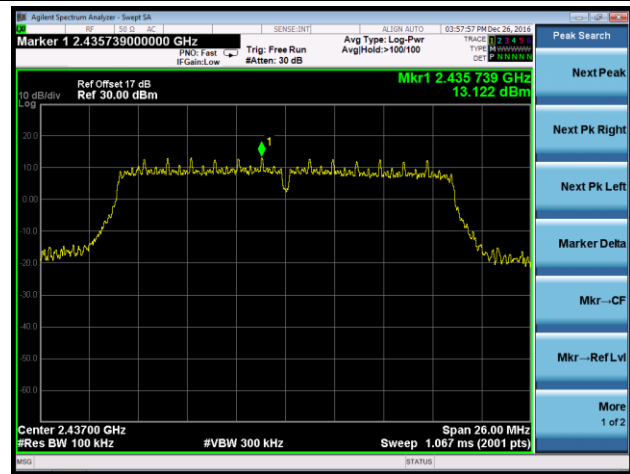


Spurious Emission



802.11n-HT20 Out-of-Band Emissions - Ant 1 / Ant 0 + 1 + 2

100kHz PSD Reference Level



Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

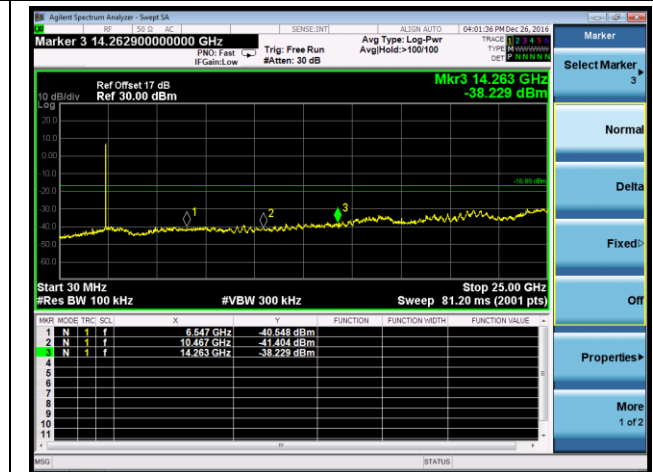
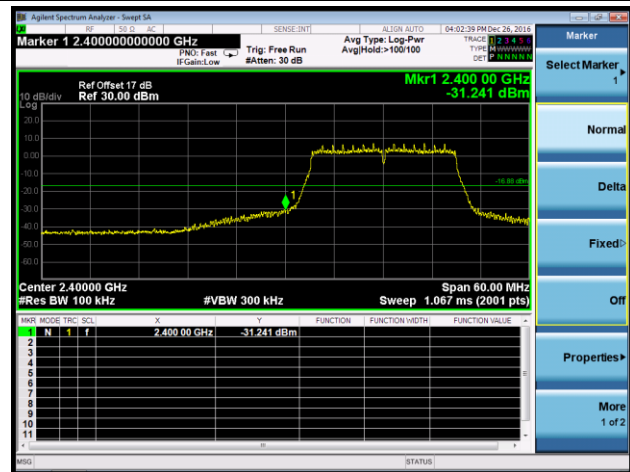
Mkr--CF

Mkr--Ref Lvl

More
1 of 2

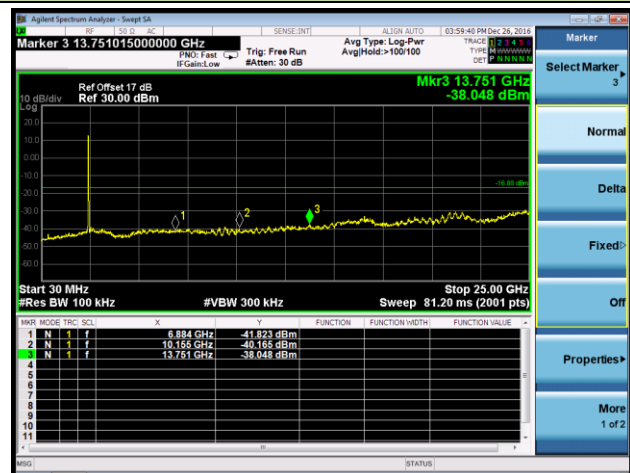
Channel 01 (2412MHz)

Low Band Edge



Channel 06 (2437MHz)

Spurious Emission



Select Marker 3

Normal

Delta

Fixed

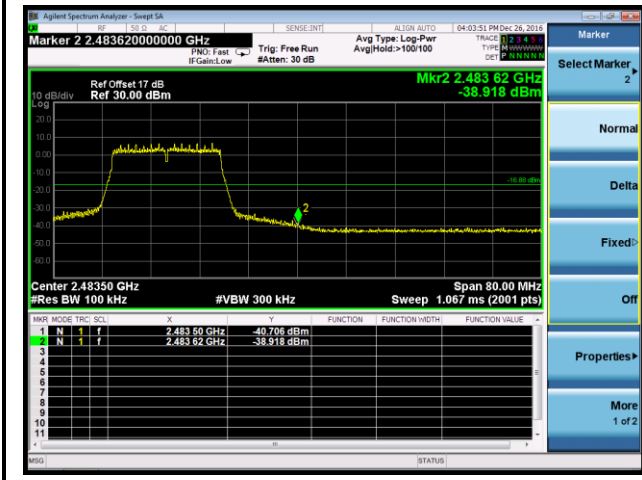
Off

Properties

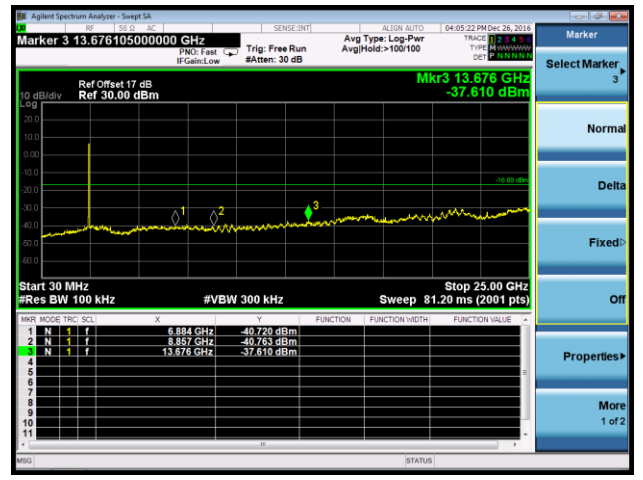
More
1 of 2

Channel 11 (2462MHz)

High Band Edge

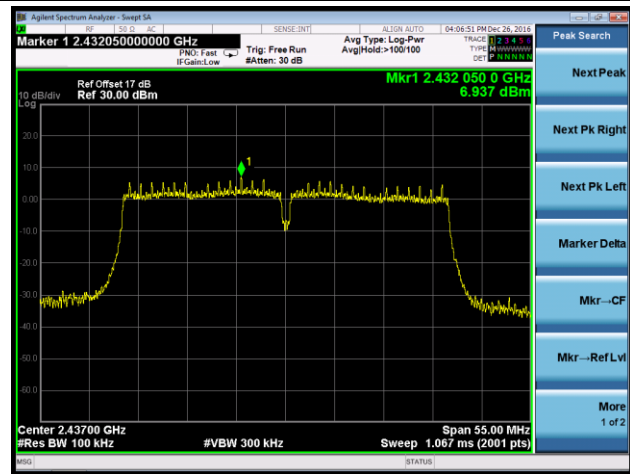


Spurious Emission



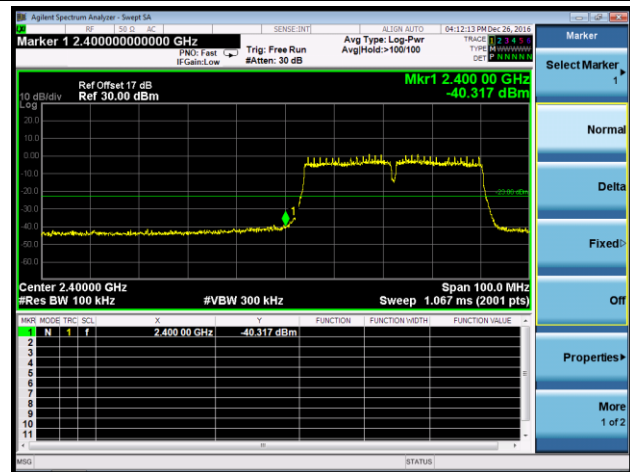
802.11n-HT40 Out-of-Band Emissions - Ant 1 / Ant 0 + 1 + 2

100kHz PSD Reference Level

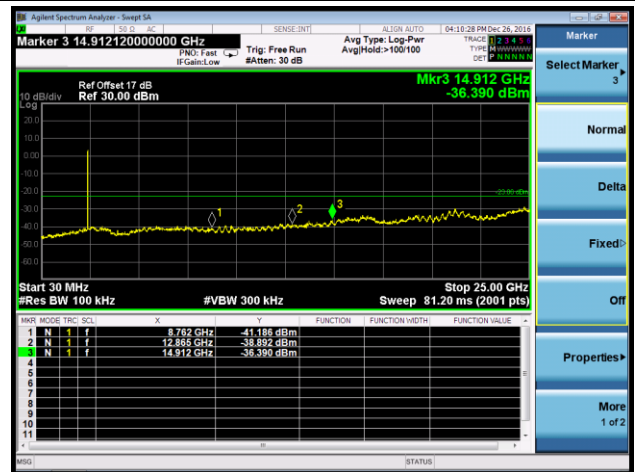


Channel 03 (2422MHz)

Low Band Edge

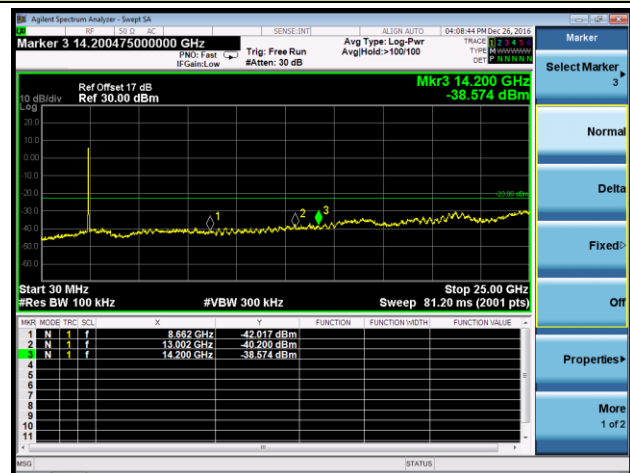


Spurious Emission



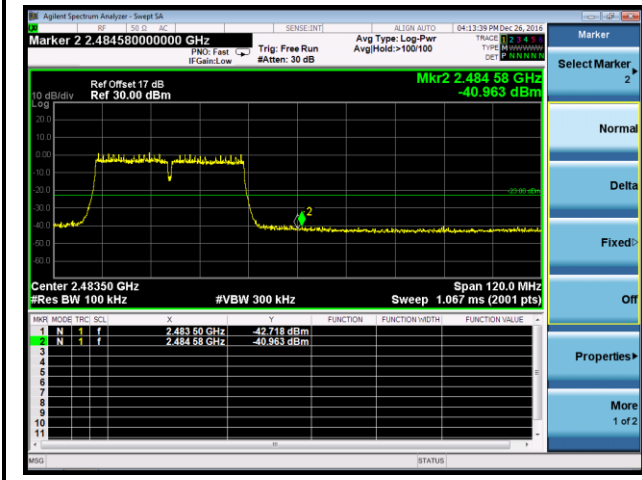
Channel 06 (2437MHz)

Spurious Emission

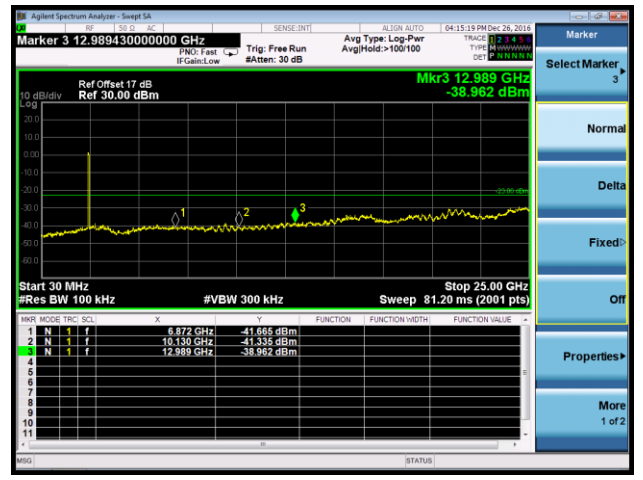


Channel 09 (2452MHz)

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 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

7.6.2. Test Procedure Used

KDB 558074 D01v03r05 - Section 12.2.3 (quasi-peak measurements)

KDB 558074 D01v03r05 - Section 12.2.4 (peak power measurements)

KDB 558074 D01v03r05 - Section 12.2.5 (average power measurements)

7.6.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

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

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. De 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

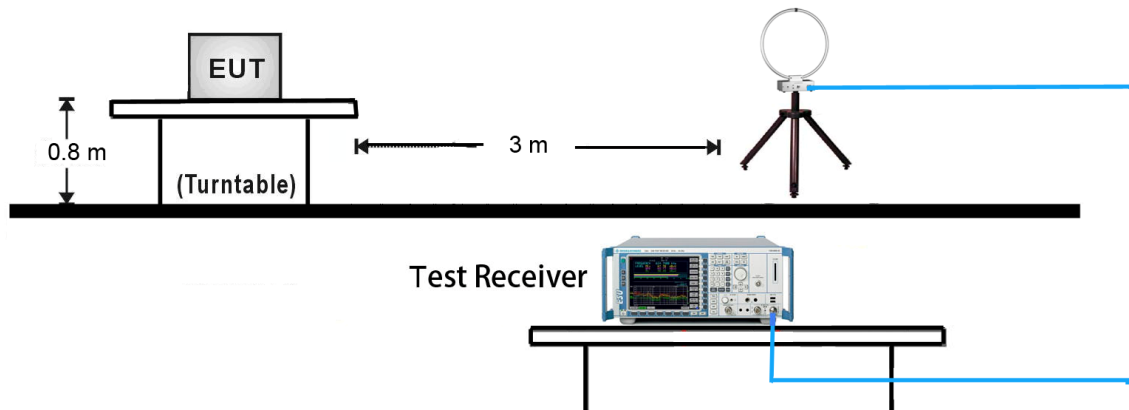
6. Sweep time = auto

7. Trace mode = max hold

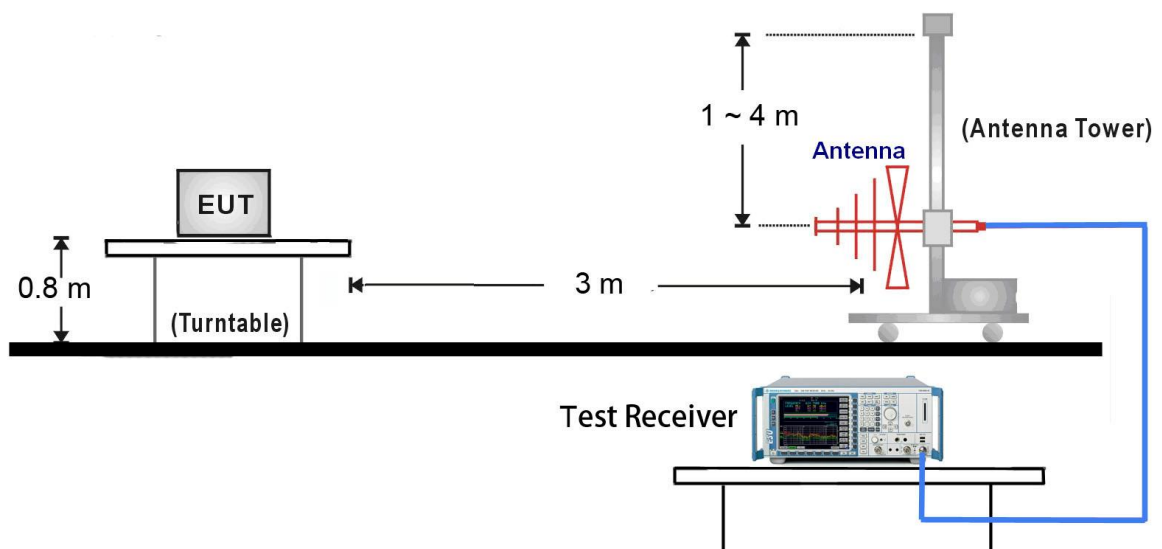
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

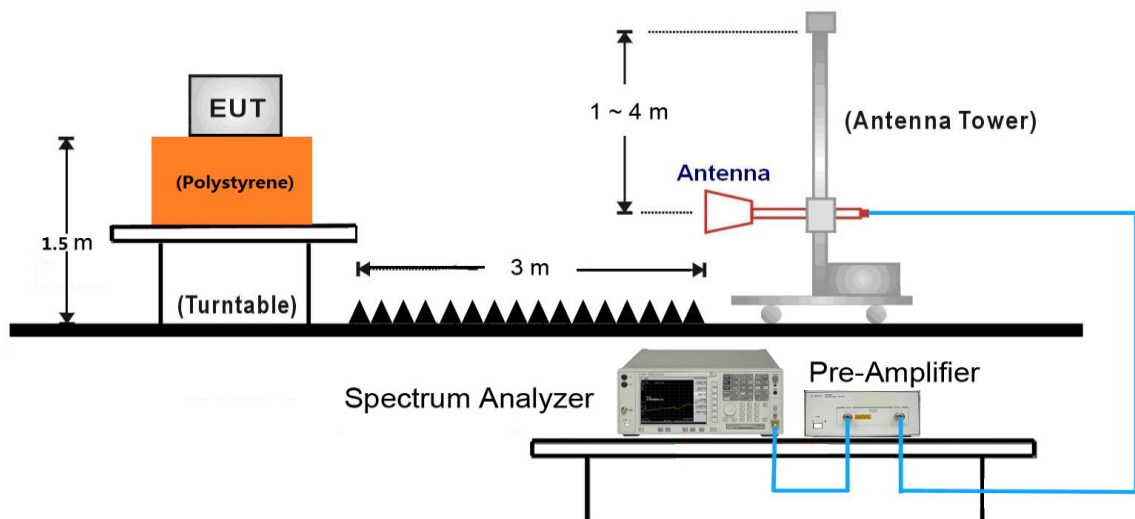
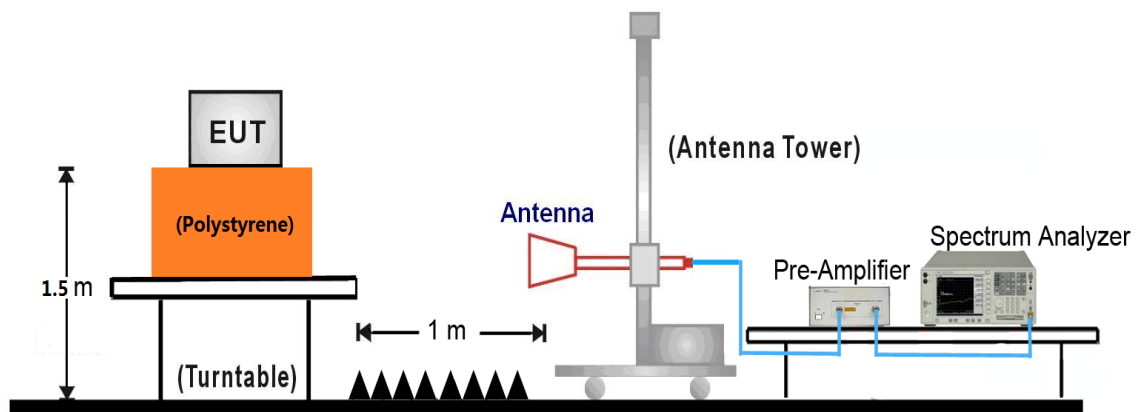
7.6.4. Test Setup

9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:18GHz ~ 25GHz Test Setup:

7.6.5. Test Result

Test Mode:	802.11b - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7196.5	34.9	12.1	47.0	92.7	-45.7	Peak	Horizontal
*	7910.5	35.2	12.4	47.6	92.7	-45.1	Peak	Horizontal
	11064.0	32.4	18.5	50.9	74.0	-23.1	Peak	Horizontal
	12041.5	32.3	18.8	51.1	74.0	-22.9	Peak	Horizontal
*	6907.5	35.9	9.9	45.8	92.7	-46.9	Peak	Vertical
*	7936.0	35.5	12.4	47.9	92.7	-44.8	Peak	Vertical
	10902.5	32.9	18.3	51.2	74.0	-22.8	Peak	Vertical
	12602.5	32.4	18.7	51.1	74.0	-22.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.7dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11b - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7162.5	35.1	11.9	47.0	93.8	-46.8	Peak	Horizontal
*	8607.5	34.2	13.5	47.7	93.8	-46.1	Peak	Horizontal
	11599.5	32.8	19.4	52.2	74.0	-21.8	Peak	Horizontal
	12424.0	33.0	18.4	51.4	74.0	-22.6	Peak	Horizontal
*	7060.5	35.3	11.1	46.4	93.8	-47.4	Peak	Vertical
*	7936.0	35.7	12.4	48.1	93.8	-45.7	Peak	Vertical
	10851.5	34.1	18.1	52.2	74.0	-21.8	Peak	Vertical
	12543.0	32.2	18.6	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.8dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11b - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7179.5	35.6	12.0	47.6	90.9	-43.3	Peak	Horizontal
*	7927.5	35.9	12.4	48.3	90.9	-42.6	Peak	Horizontal
	10877.0	33.5	18.2	51.7	74.0	-22.3	Peak	Horizontal
	11438.0	32.0	19.2	51.2	74.0	-22.8	Peak	Horizontal
*	6958.5	36.9	10.2	47.1	90.9	-43.8	Peak	Vertical
*	8021.0	35.7	12.5	48.2	90.9	-42.7	Peak	Vertical
	10902.5	33.3	18.3	51.6	74.0	-22.4	Peak	Vertical
	12118.0	32.9	18.9	51.8	74.0	-22.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (120.9dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7035.0	35.7	10.9	46.6	87.8	-41.2	Peak	Horizontal
*	7961.5	36.7	12.5	49.2	87.8	-38.6	Peak	Horizontal
	10630.5	34.1	17.3	51.4	74.0	-22.6	Peak	Horizontal
	12041.5	32.6	18.8	51.4	74.0	-22.6	Peak	Horizontal
*	6967.0	35.8	10.3	46.1	87.8	-41.7	Peak	Vertical
*	7791.5	35.6	12.4	48.0	87.8	-39.8	Peak	Vertical
	10902.5	33.3	18.3	51.6	74.0	-22.4	Peak	Vertical
	12118.0	32.5	18.9	51.4	74.0	-22.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	5972.5	38.8	6.1	44.9	93.7	-48.8	Peak	Horizontal
*	7817.0	35.4	12.4	47.8	93.7	-45.9	Peak	Horizontal
	10936.5	33.1	18.4	51.5	74.0	-22.5	Peak	Horizontal
	12475.0	32.1	18.5	50.6	74.0	-23.4	Peak	Horizontal
*	7137.0	34.8	11.7	46.5	93.7	-47.2	Peak	Vertical
*	8004.0	36.4	12.5	48.9	93.7	-44.8	Peak	Vertical
	10919.5	34.4	18.4	52.8	74.0	-21.2	Peak	Vertical
	12109.5	32.3	18.9	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.7dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7086.0	35.0	11.3	46.3	87.1	-40.8	Peak	Horizontal
*	7791.5	36.3	12.4	48.7	87.1	-38.4	Peak	Horizontal
	11446.5	32.3	19.2	51.5	74.0	-22.5	Peak	Horizontal
	12696.0	32.0	18.8	50.8	74.0	-23.2	Peak	Horizontal
*	7001.0	35.7	10.6	46.3	87.1	-40.8	Peak	Vertical
*	8820.0	33.3	14.0	47.3	87.1	-39.8	Peak	Vertical
	11557.0	32.5	19.5	52.0	74.0	-22.0	Peak	Vertical
	12636.5	32.8	18.7	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7230.5	34.5	12.2	46.7	87.0	-40.3	Peak	Horizontal
*	8624.5	34.5	13.5	48.0	87.0	-39.0	Peak	Horizontal
	10860.0	33.7	18.2	51.9	74.0	-22.1	Peak	Horizontal
	12534.5	32.4	18.6	51.0	74.0	-23.0	Peak	Horizontal
*	7162.5	34.9	11.9	46.8	87.0	-40.2	Peak	Vertical
*	8692.5	35.1	13.7	48.8	87.0	-38.2	Peak	Vertical
	11421.0	33.0	19.1	52.1	74.0	-21.9	Peak	Vertical
	12126.5	31.9	18.9	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7162.5	34.9	11.9	46.8	93.5	-46.7	Peak	Horizontal
*	8692.5	35.1	13.7	48.8	93.5	-44.7	Peak	Horizontal
	10928.0	33.0	18.4	51.4	74.0	-22.6	Peak	Horizontal
	11421.0	33.0	19.1	52.1	74.0	-21.9	Peak	Horizontal
*	7043.5	36.7	11.0	47.7	93.5	-45.8	Peak	Vertical
*	8556.5	34.2	13.2	47.4	93.5	-46.1	Peak	Vertical
	10894.0	33.0	18.3	51.3	74.0	-22.7	Peak	Vertical
	11599.5	32.6	19.4	52.0	74.0	-22.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (123.5dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	7137.0	34.8	11.7	46.5	86.3	-39.8	Peak	Horizontal
*	8539.5	35.0	13.1	48.1	86.3	-38.2	Peak	Horizontal
	10996.0	33.7	18.5	52.2	74.0	-21.8	Peak	Horizontal
	12041.5	33.0	18.8	51.8	74.0	-22.2	Peak	Horizontal
*	6023.5	39.3	6.2	45.5	86.3	-40.8	Peak	Vertical
*	8718.0	34.2	13.8	48.0	86.3	-38.3	Peak	Vertical
	11106.5	32.9	18.6	51.5	74.0	-22.5	Peak	Vertical
	12101.0	32.6	18.9	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.3dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	6678.0	37.2	8.7	45.9	81.5	-35.6	Peak	Horizontal
*	7791.5	36.0	12.4	48.4	81.5	-33.1	Peak	Horizontal
	10885.5	33.6	18.3	51.9	74.0	-22.1	Peak	Horizontal
	12339.0	32.3	18.5	50.8	74.0	-23.2	Peak	Horizontal
*	6508.0	37.9	8.4	46.3	81.5	-35.2	Peak	Vertical
*	7987.0	35.7	12.5	48.2	81.5	-33.3	Peak	Vertical
	10996.0	33.4	18.5	51.9	74.0	-22.1	Peak	Vertical
	12373.0	32.4	18.4	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.5dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	6703.5	36.9	8.7	45.6	87.0	-41.4	Peak	Horizontal
*	8514.0	36.1	12.9	49.0	87.0	-38.0	Peak	Horizontal
	10911.0	33.9	18.4	52.3	74.0	-21.7	Peak	Horizontal
	12075.5	32.2	18.9	51.1	74.0	-22.9	Peak	Horizontal
*	6108.5	37.8	6.5	44.3	87.0	-42.7	Peak	Vertical
*	7808.5	35.8	12.4	48.2	87.0	-38.8	Peak	Vertical
	11013.0	33.9	18.5	52.4	74.0	-21.6	Peak	Vertical
	12016.0	32.6	18.7	51.3	74.0	-22.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dB μ V/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Kevin Ke
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 (dB μ V)	Factor (dB)	Measure Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
*	6550.5	37.0	8.6	45.6	82.1	-36.5	Peak	Horizontal
*	8607.5	35.3	13.5	48.8	82.1	-33.3	Peak	Horizontal
	10987.5	33.3	18.5	51.8	74.0	-22.2	Peak	Horizontal
	12415.5	32.4	18.4	50.8	74.0	-23.2	Peak	Horizontal
*	6312.5	37.3	7.2	44.5	82.1	-37.6	Peak	Vertical
*	7808.5	35.8	12.4	48.2	82.1	-33.9	Peak	Vertical
	11013.0	33.9	18.5	52.4	74.0	-21.6	Peak	Vertical
	12016.0	32.6	18.7	51.3	74.0	-22.7	Peak	Vertical

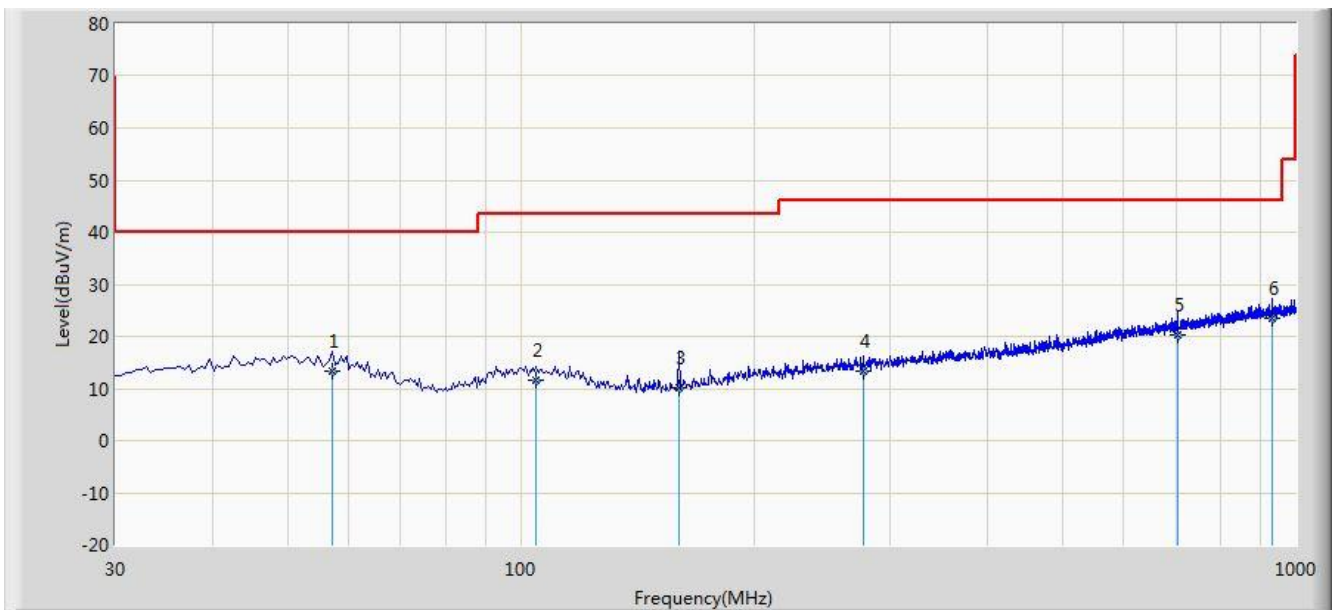
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.1dB μ V/m) or FCC 15.209 which is higher.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2016/12/30 - 16:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 2437MHz Ant 0 + 1 + 2	

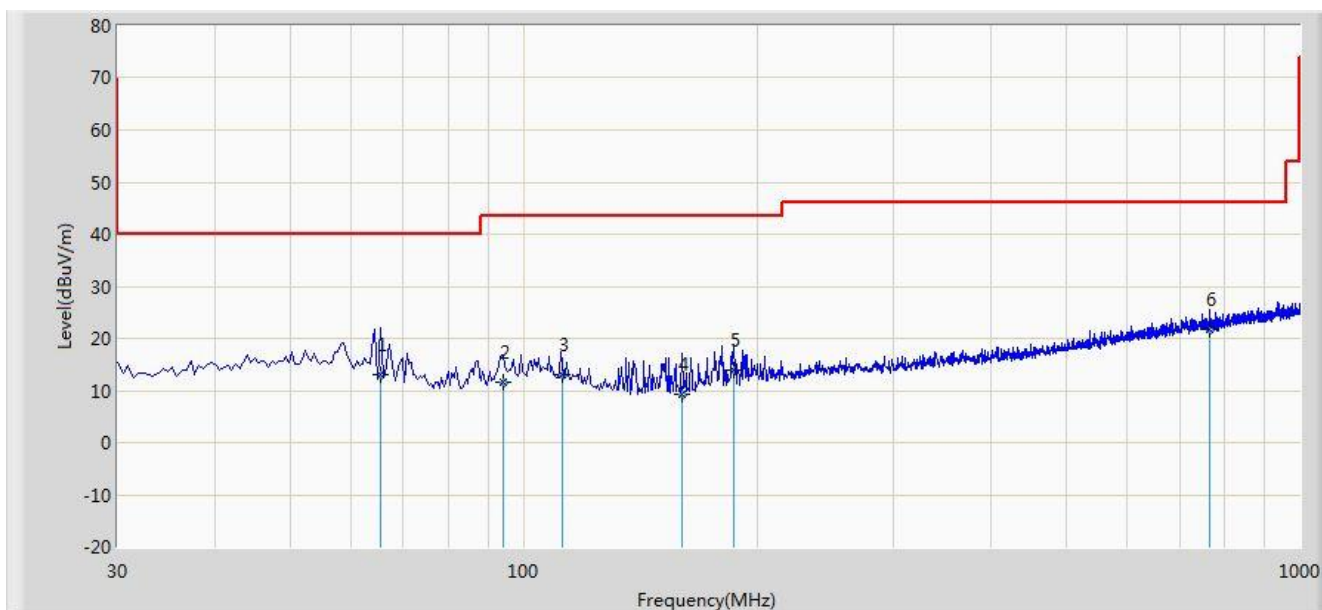


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			57.220	13.416	-0.890	-26.584	40.000	14.306	QP
2			104.730	11.532	-1.580	-31.968	43.500	13.111	QP
3			160.040	10.054	0.210	-33.446	43.500	9.844	QP
4			276.950	13.201	-0.960	-32.799	46.000	14.162	QP
5			704.500	20.259	-1.410	-25.741	46.000	21.669	QP
6		*	932.630	23.334	-1.040	-22.666	46.000	24.374	QP

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

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

Site: AC1	Time: 2016/12/30 - 16:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11b at channel 2437MHz Ant 0 + 1 + 2	

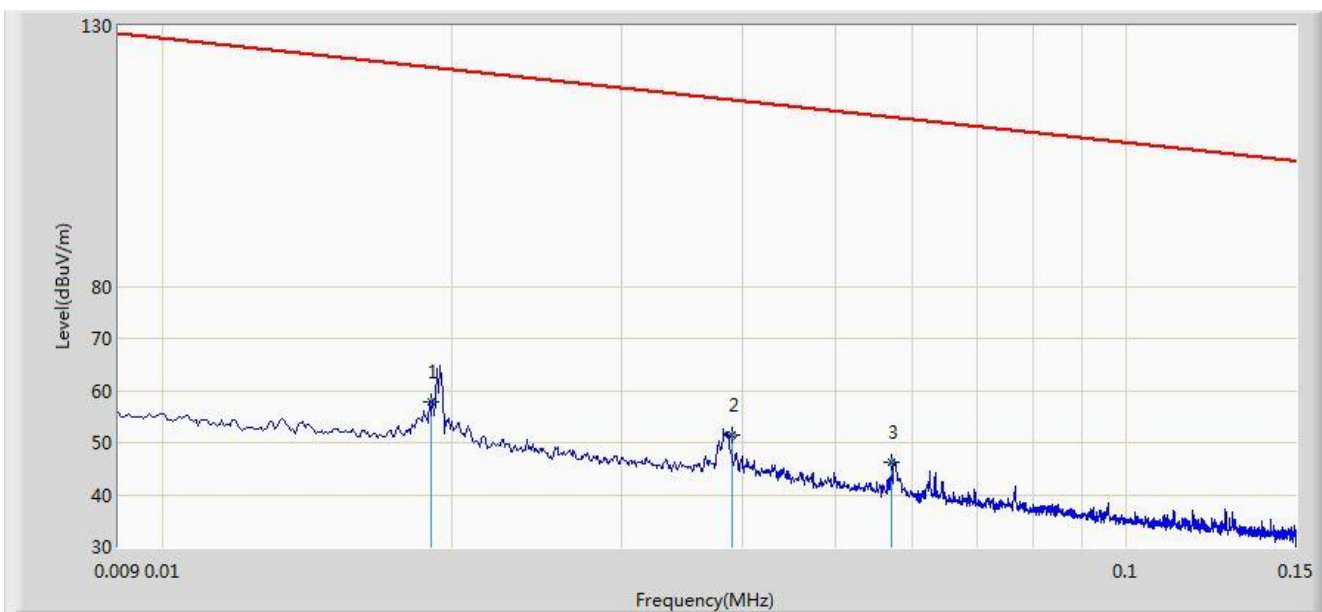


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			65.530	13.029	0.650	-26.971	40.000	12.379	QP
2			94.040	11.601	-0.610	-31.899	43.500	12.211	QP
3			112.060	13.039	0.460	-30.461	43.500	12.579	QP
4			160.040	9.214	-0.630	-34.286	43.500	9.844	QP
5			186.740	13.956	2.430	-29.544	43.500	11.526	QP
6		*	766.830	21.624	-0.840	-24.376	46.000	22.464	QP

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

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

Site: AC1	Time: 2016/12/21 - 16:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120/60Hz
Worst Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

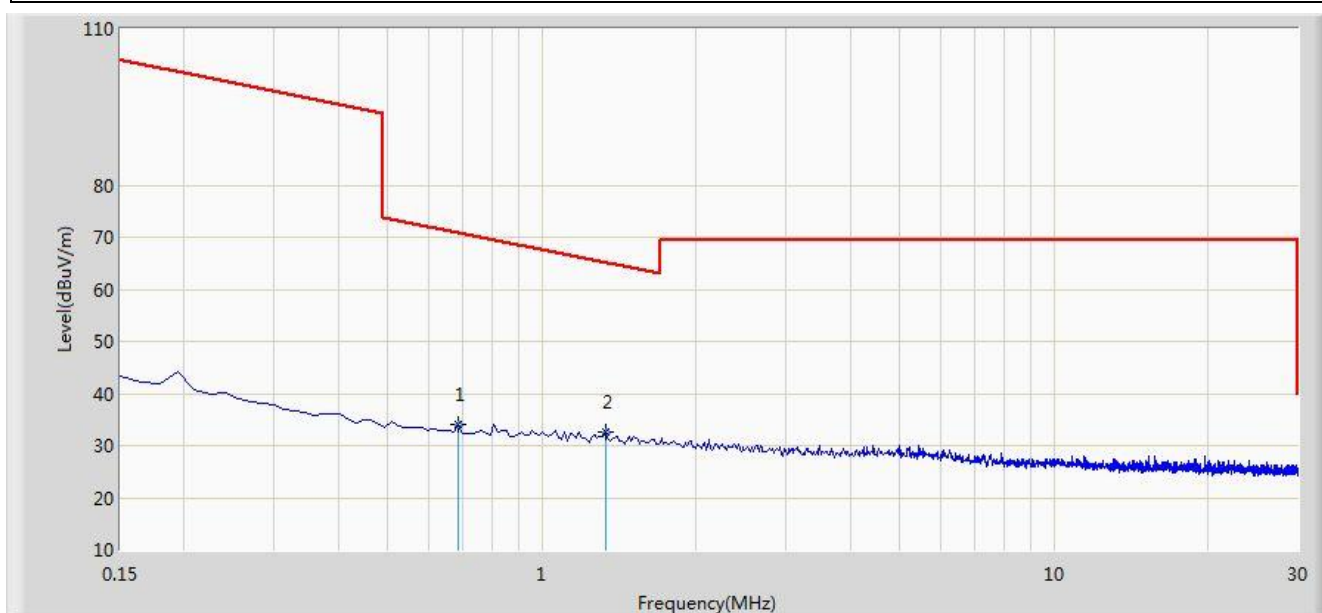


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	0.019	57.924	36.630	-64.090	122.013	21.294	AV
2			0.039	51.413	30.608	-64.358	115.771	20.805	AV
3			0.057	46.334	25.969	-66.142	112.476	20.365	AV

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

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

Site: AC1	Time: 2016/12/21 - 16:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120/60Hz
Worst Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

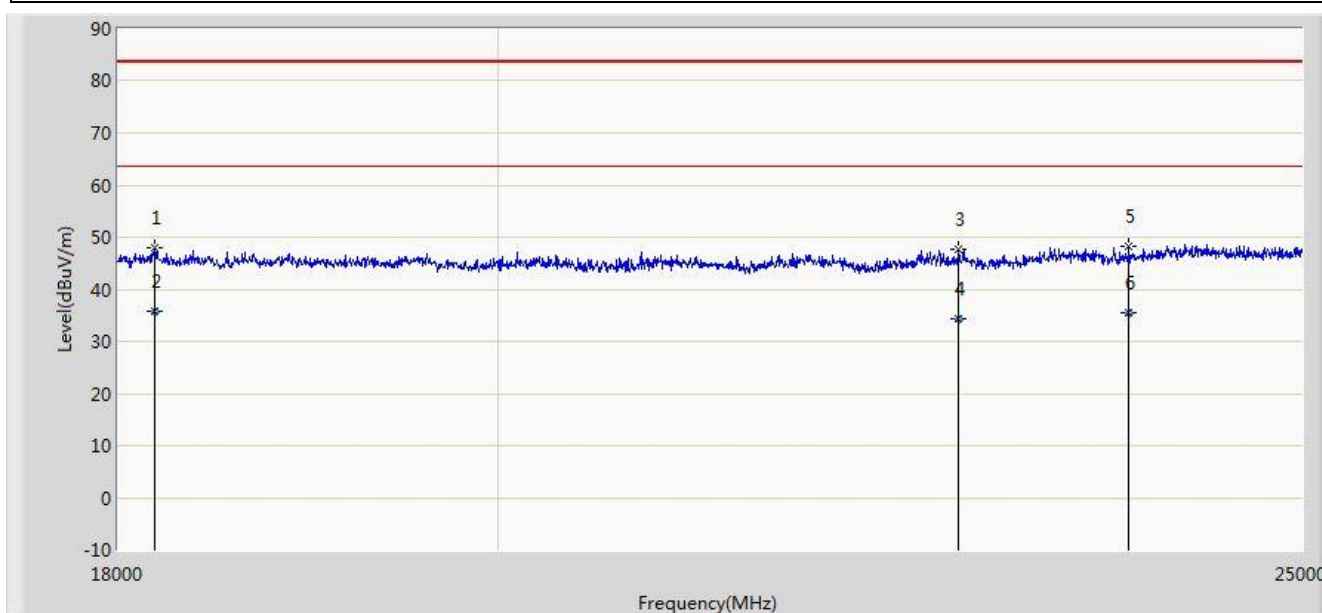


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.687	34.106	13.554	-36.767	70.873	20.552	QP
2		*	1.329	32.627	12.133	-32.531	65.158	20.494	QP

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

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

Site: AC1	Time: 2016/12/21 - 17:23
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 2437MHz Ant 0 + 1 + 2	

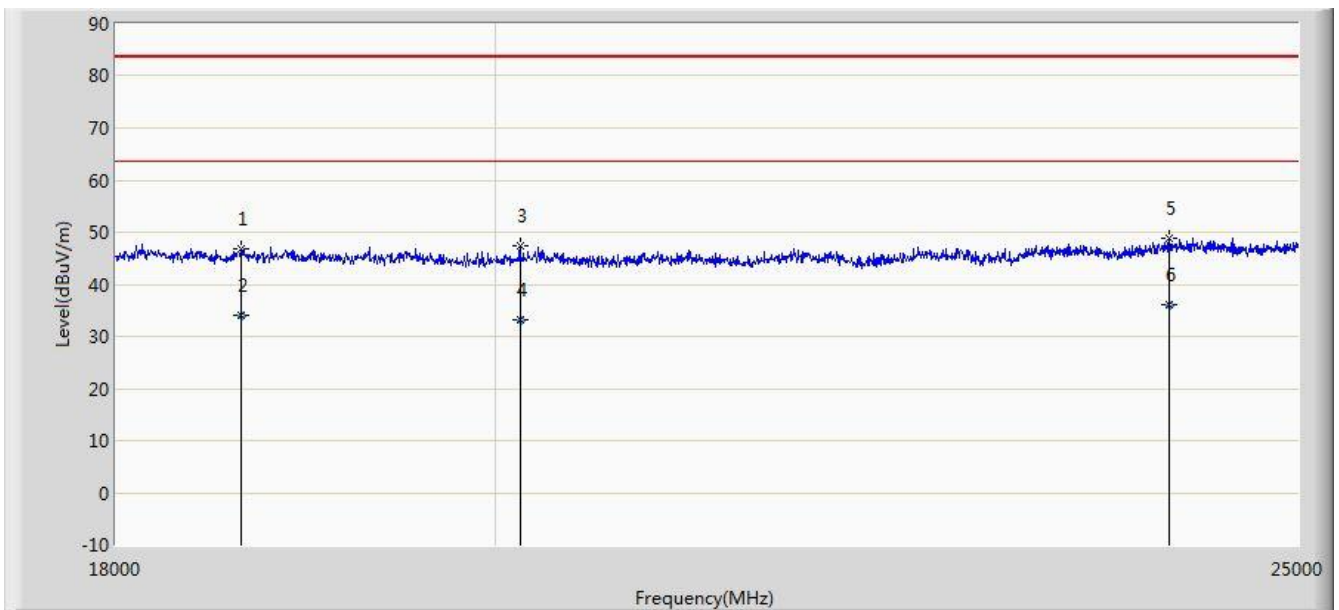


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			18188.000	48.058	38.199	-35.442	83.500	9.859	PK
2		*	18188.000	35.889	26.030	-27.611	63.500	9.859	AV
3			22732.000	47.763	39.339	-35.737	83.500	8.424	PK
4			22732.000	34.294	25.870	-29.206	63.500	8.424	AV
5			23828.000	48.375	38.198	-35.125	83.500	10.177	PK
6			23828.000	35.607	25.430	-27.893	63.500	10.177	AV

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

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

Site: AC1	Time: 2016/12/21 - 17:22
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 2437MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			18640.000	46.822	37.659	-36.678	83.500	9.163	PK
2			18640.000	34.133	24.970	-29.367	63.500	9.163	AV
3			20140.000	47.532	39.832	-35.968	83.500	7.700	PK
4			20140.000	33.060	25.360	-30.440	63.500	7.700	AV
5			24120.000	48.968	38.442	-34.532	83.500	10.525	PK
6		*	24120.000	35.996	25.470	-27.504	63.500	10.525	AV

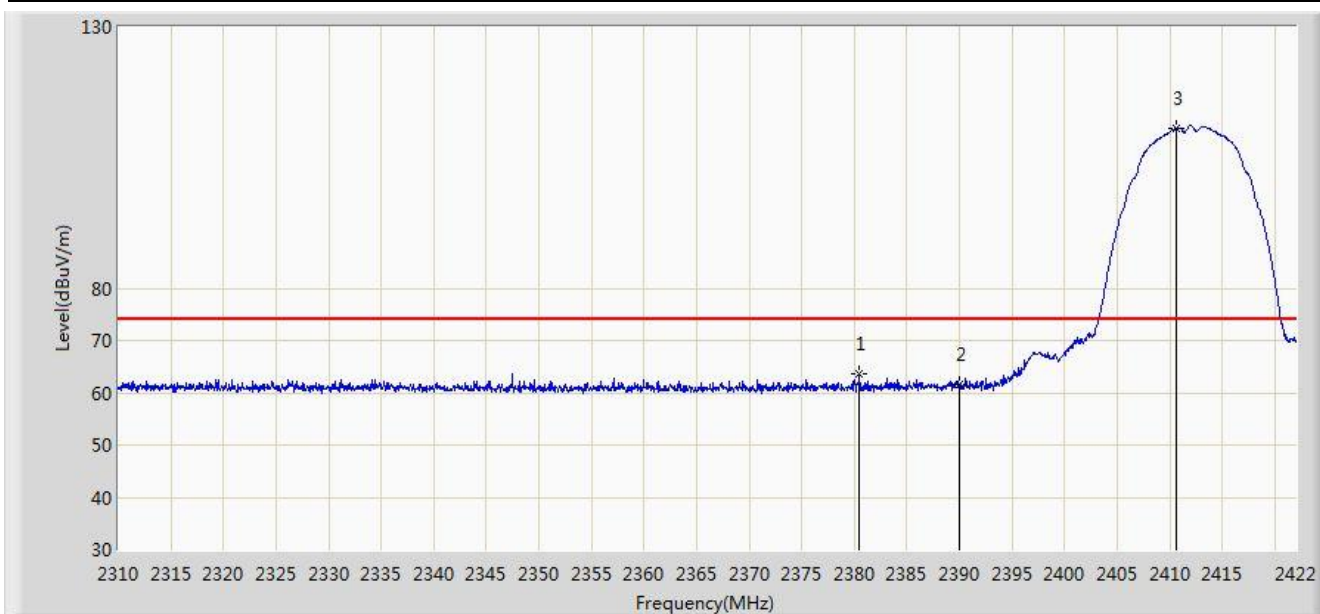
Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

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

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Result

Site: AC1	Time: 2016/12/21 - 21:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 0 + 1 + 2	

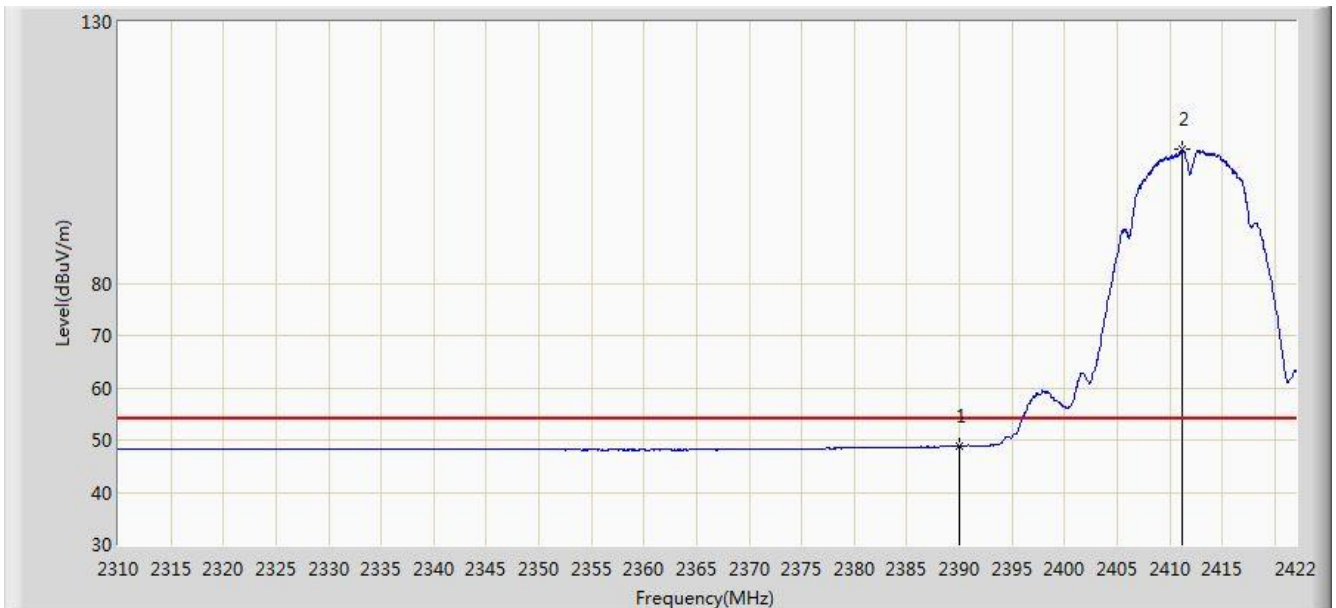


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.504	63.534	30.967	-10.466	74.000	32.567	PK
2			2390.000	61.527	28.973	-12.473	74.000	32.554	PK
3		*	2410.688	110.596	78.069	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/21 - 21:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 0 + 1 + 2	

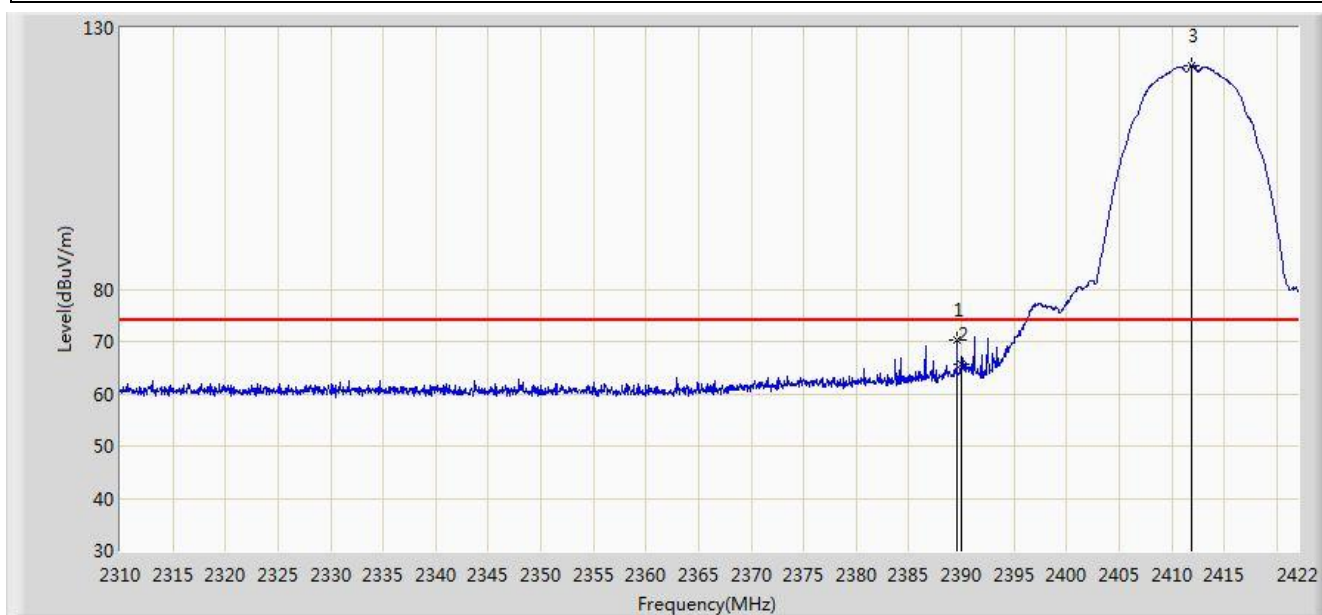


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.811	16.257	-5.189	54.000	32.554	AV
2		*	2411.192	105.509	72.982	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2016/12/21 - 21:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 0 + 1 + 2	

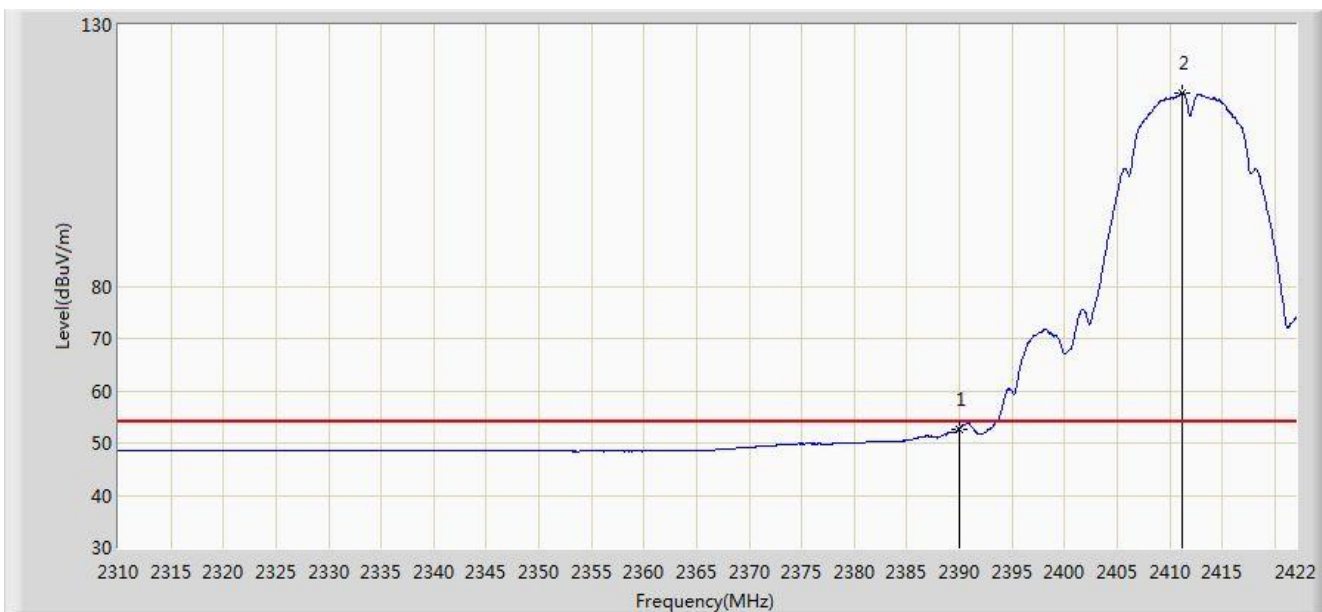


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.576	70.312	37.757	-3.688	74.000	32.555	PK
2			2390.000	65.774	33.220	-8.226	74.000	32.554	PK
3		*	2411.864	122.749	90.223	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2016/12/21 - 21:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz Ant 0 + 1 + 2	

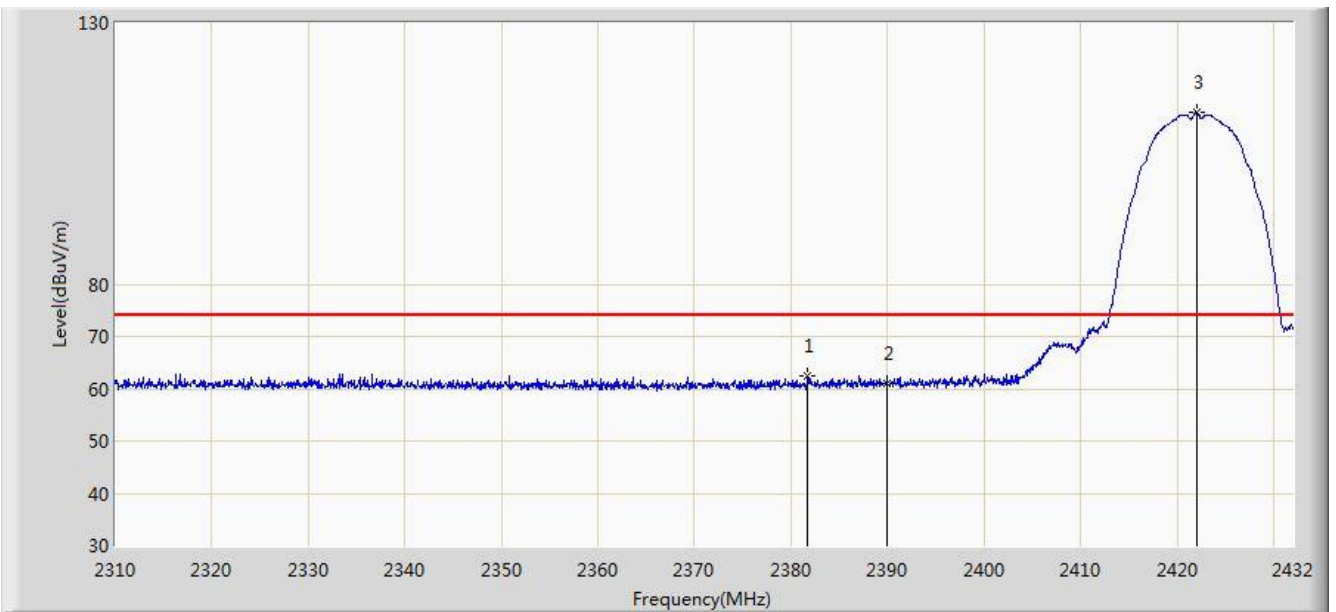


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.710	20.156	-1.290	54.000	32.554	AV
2		*	2411.248	116.984	84.457	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2016/12/21 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz Ant 0 + 1 + 2	

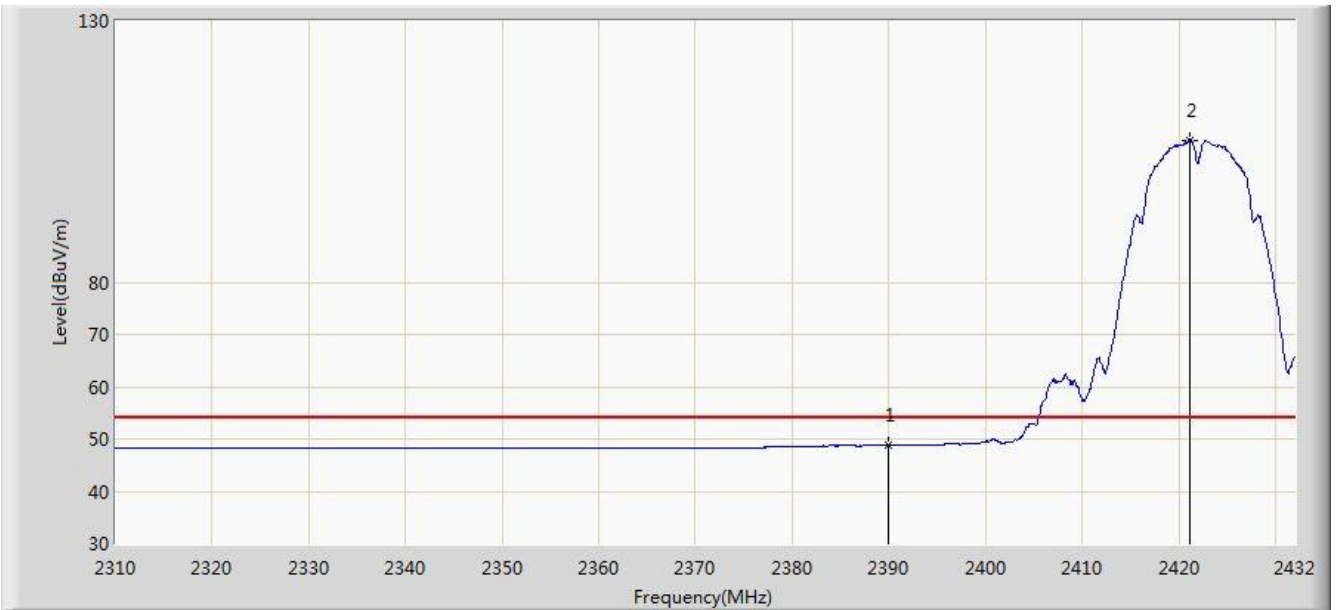


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.736	62.539	29.973	-11.461	74.000	32.566	PK
2			2390.000	60.876	28.322	-13.124	74.000	32.554	PK
3		*	2421.996	112.785	80.271	N/A	N/A	32.513	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz Ant 0 + 1 + 2	

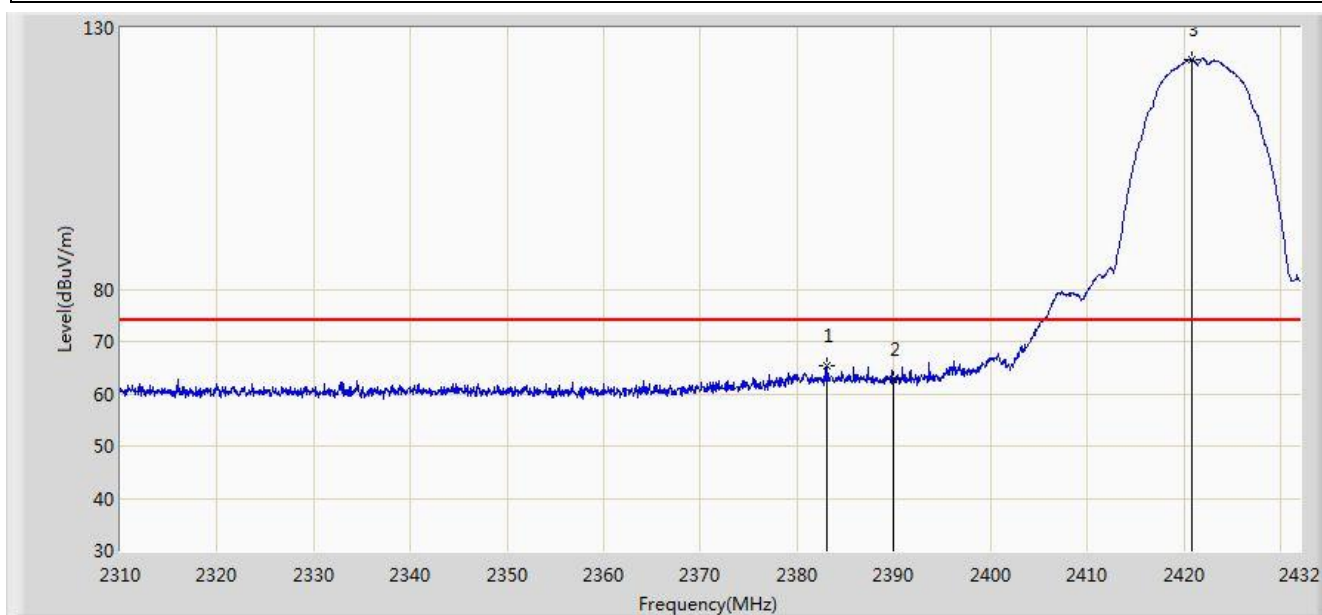


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.760	16.206	-5.240	54.000	32.554	AV
2		*	2421.081	107.185	74.670	N/A	N/A	32.515	AV

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

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

Site: AC1	Time: 2016/12/21 - 21:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz Ant 0 + 1 + 2	

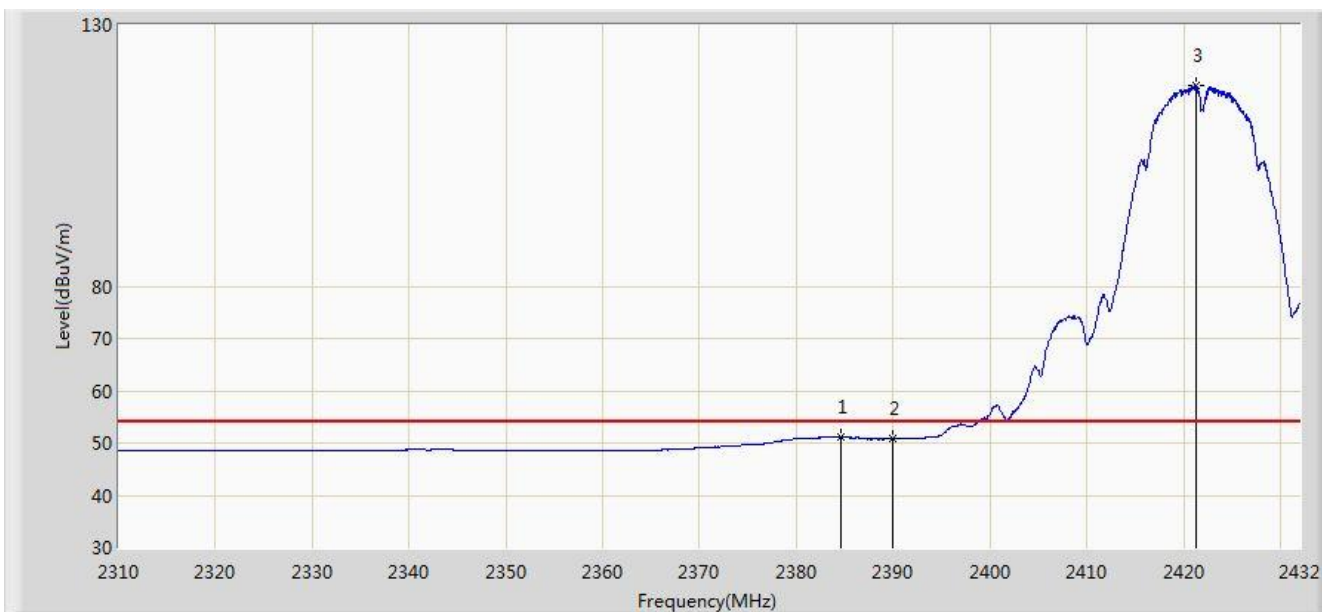


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.017	65.235	32.671	-8.765	74.000	32.564	PK
2			2390.000	62.678	30.124	-11.322	74.000	32.554	PK
3		*	2420.776	123.945	91.430	N/A	N/A	32.515	PK

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

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

Site: AC1	Time: 2016/12/21 - 21:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz Ant 0 + 1 + 2	

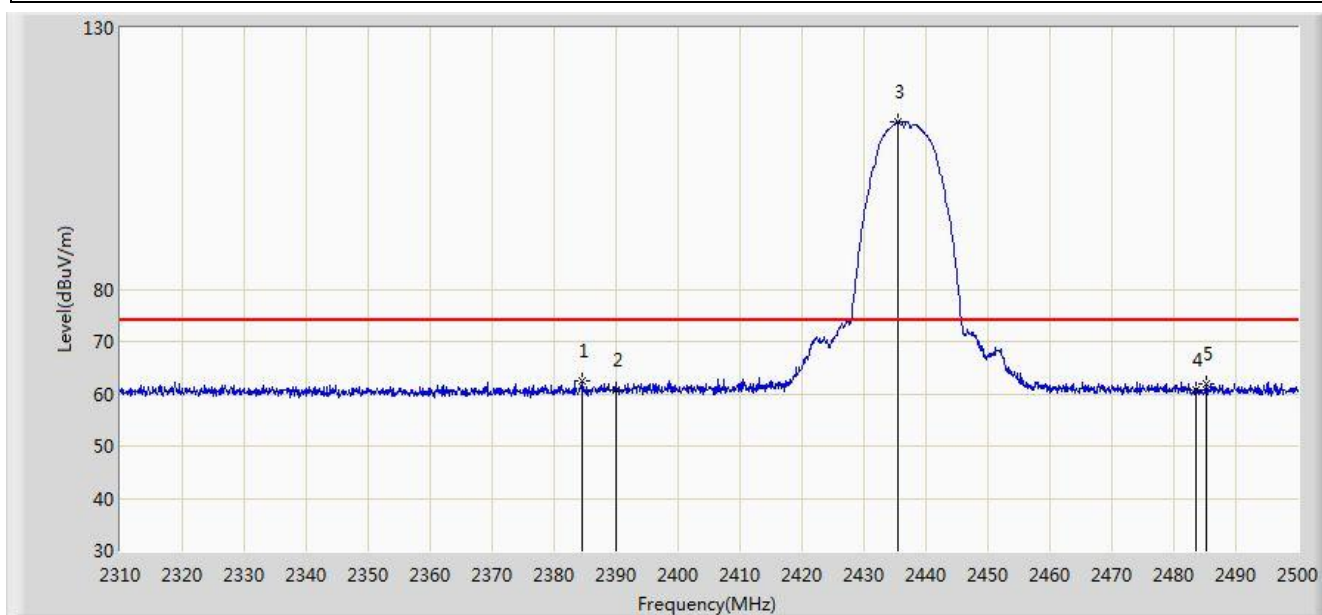


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.603	51.297	18.735	-2.703	54.000	32.562	AV
2			2390.000	50.799	18.245	-3.201	54.000	32.554	AV
3		*	2421.264	118.446	85.931	N/A	N/A	32.514	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz Ant 0 + 1 + 2	

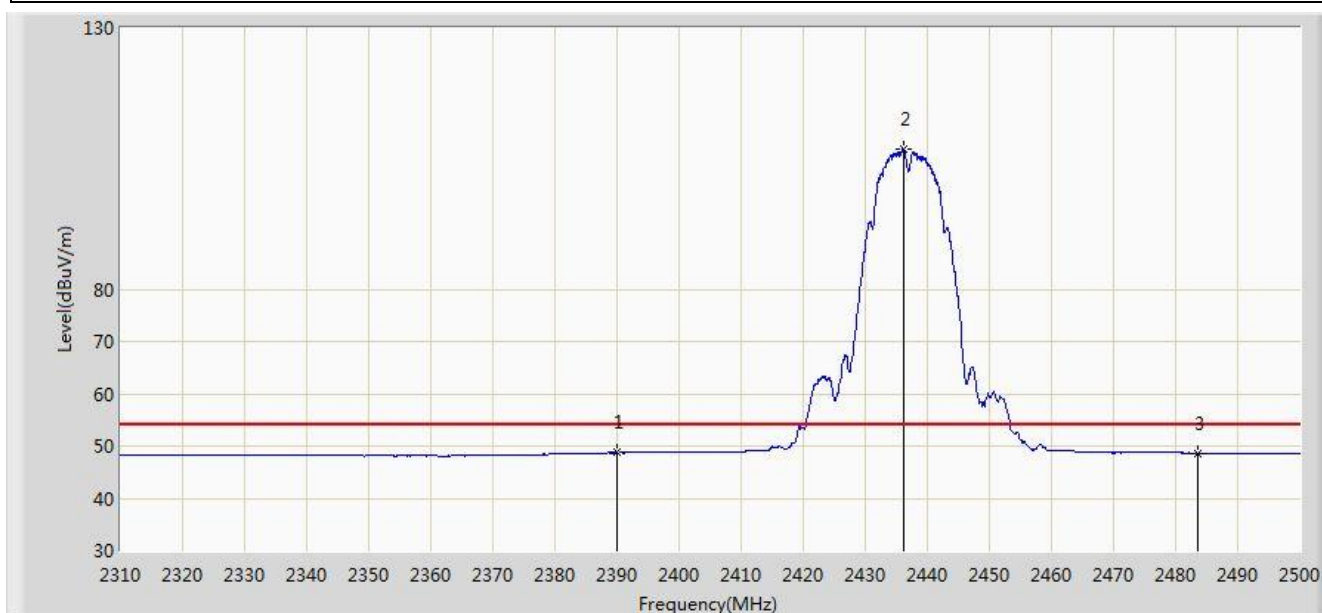


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.480	62.416	29.854	-11.584	74.000	32.562	PK
2			2390.000	60.755	28.201	-13.245	74.000	32.554	PK
3		*	2435.590	112.091	79.593	N/A	N/A	32.498	PK
4			2483.500	60.586	28.005	-13.414	74.000	32.580	PK
5			2485.180	61.859	29.273	-12.141	74.000	32.585	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz Ant 0 + 1 + 2	

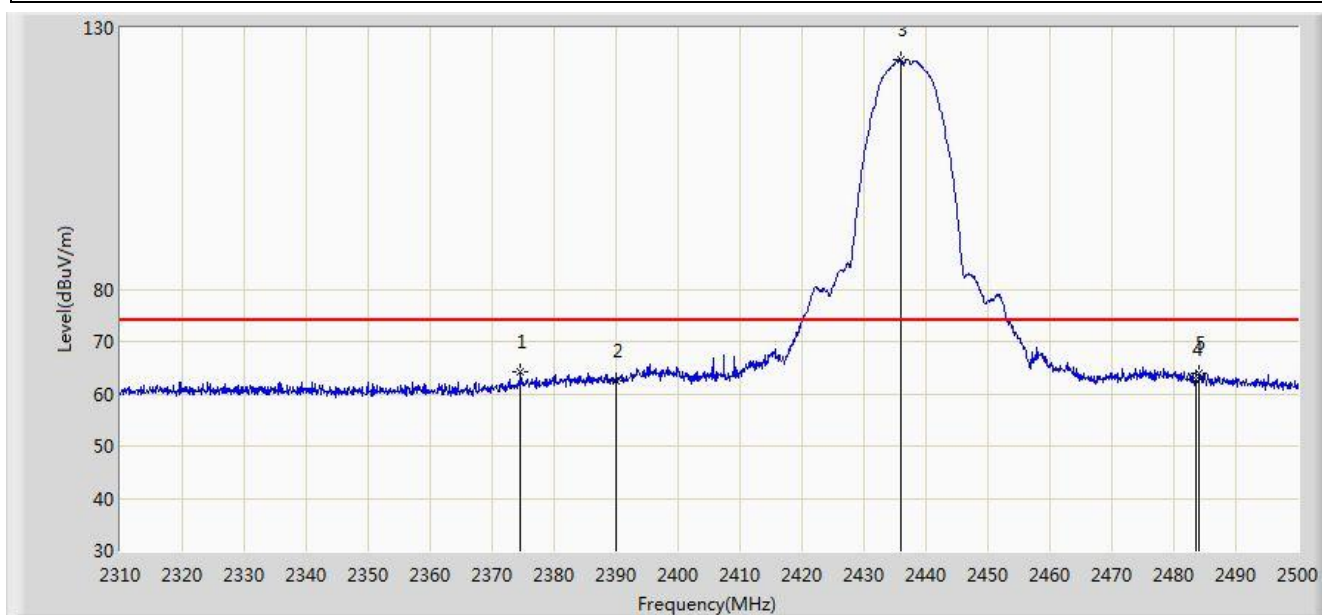


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.698	16.144	-5.302	54.000	32.554	AV
2		*	2436.160	106.905	74.408	N/A	N/A	32.497	AV
3			2483.500	48.613	16.032	-5.387	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz Ant 0 + 1 + 2	

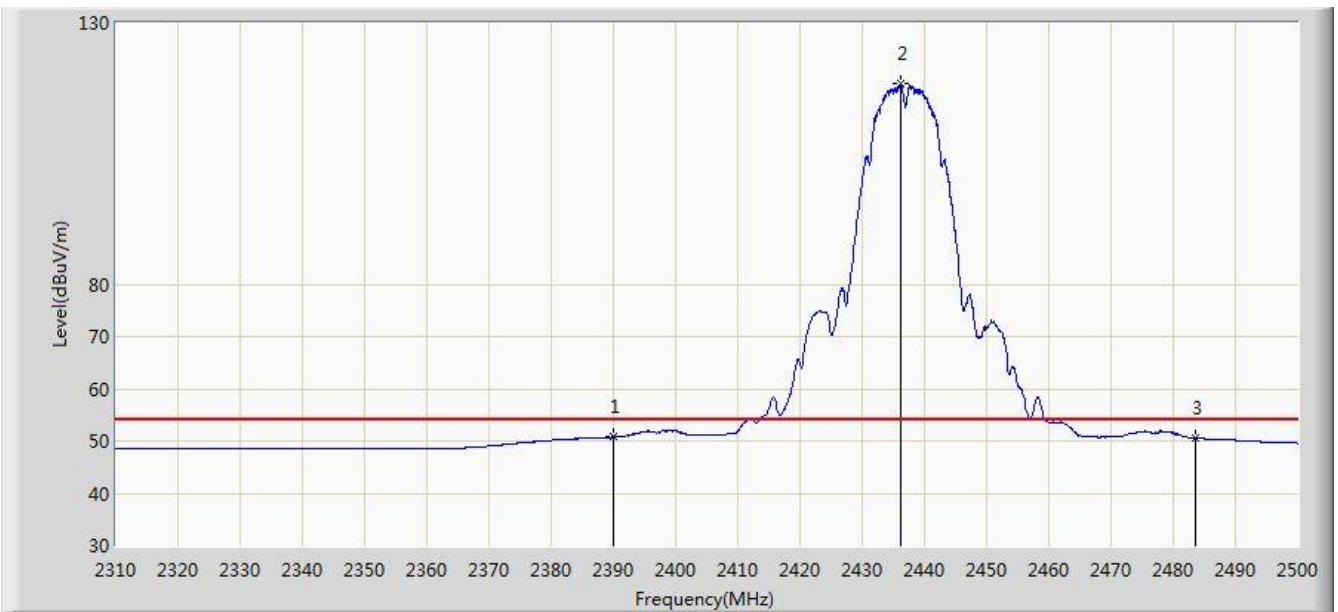


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.600	64.081	31.505	-9.919	74.000	32.575	PK
2			2390.000	62.562	30.008	-11.438	74.000	32.554	PK
3		*	2435.875	123.826	91.329	N/A	N/A	32.497	PK
4			2483.500	62.637	30.056	-11.363	74.000	32.580	PK
5			2484.135	63.793	31.210	-10.207	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz Ant 0 + 1 + 2	

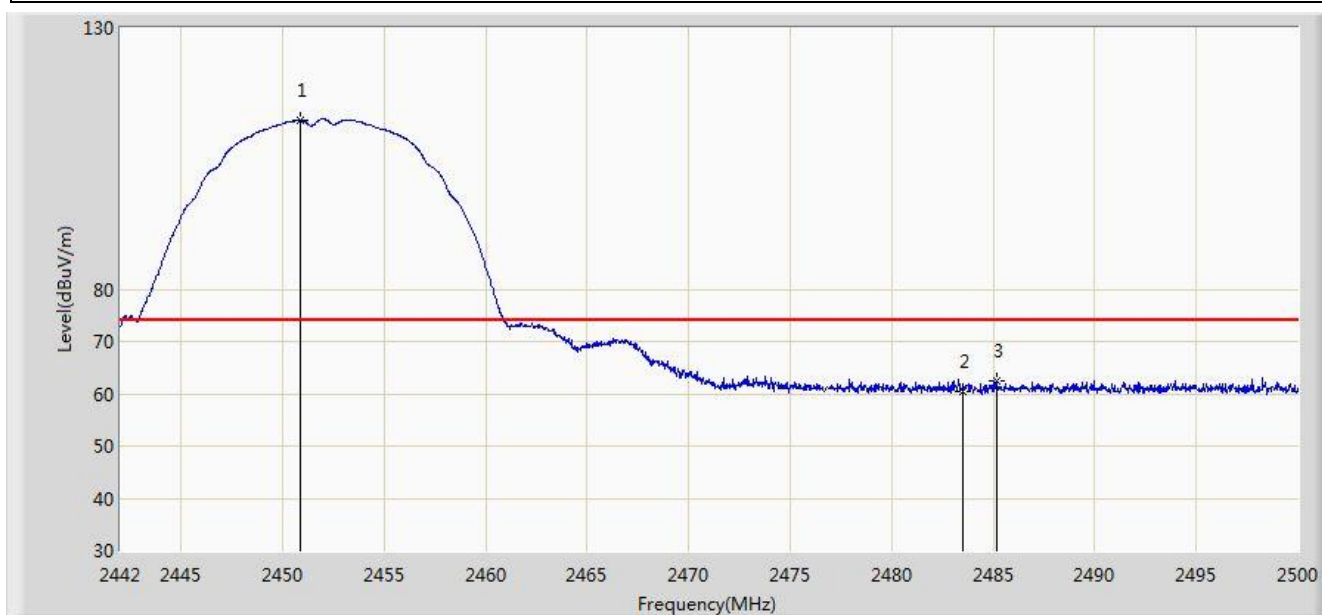


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.757	18.203	-3.243	54.000	32.554	AV
2		*	2436.160	118.288	85.791	N/A	N/A	32.497	AV
3			2483.500	50.559	17.978	-3.441	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.903	112.259	79.762	N/A	N/A	32.496	PK
2			2483.500	60.465	27.884	-13.535	74.000	32.580	PK
3			2485.181	62.426	29.840	-11.574	74.000	32.585	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz Ant 0 + 1 + 2	

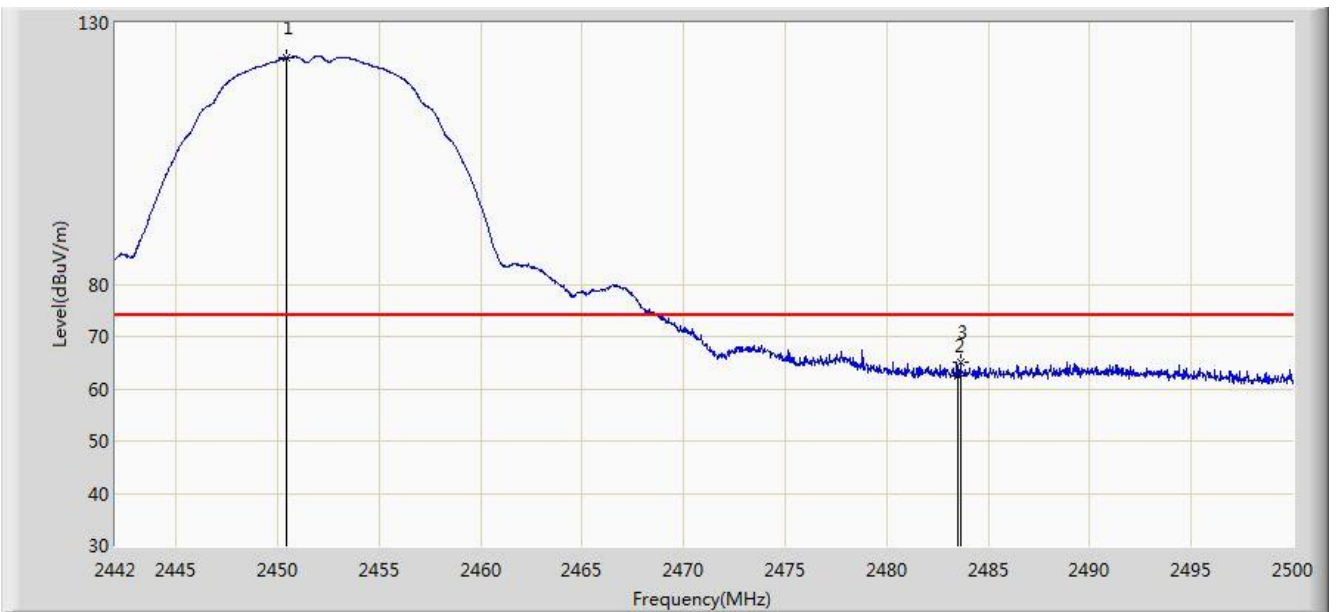


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.251	107.038	74.541	N/A	N/A	32.498	AV
2			2483.500	48.745	16.164	-5.255	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz Ant 0 + 1 + 2	

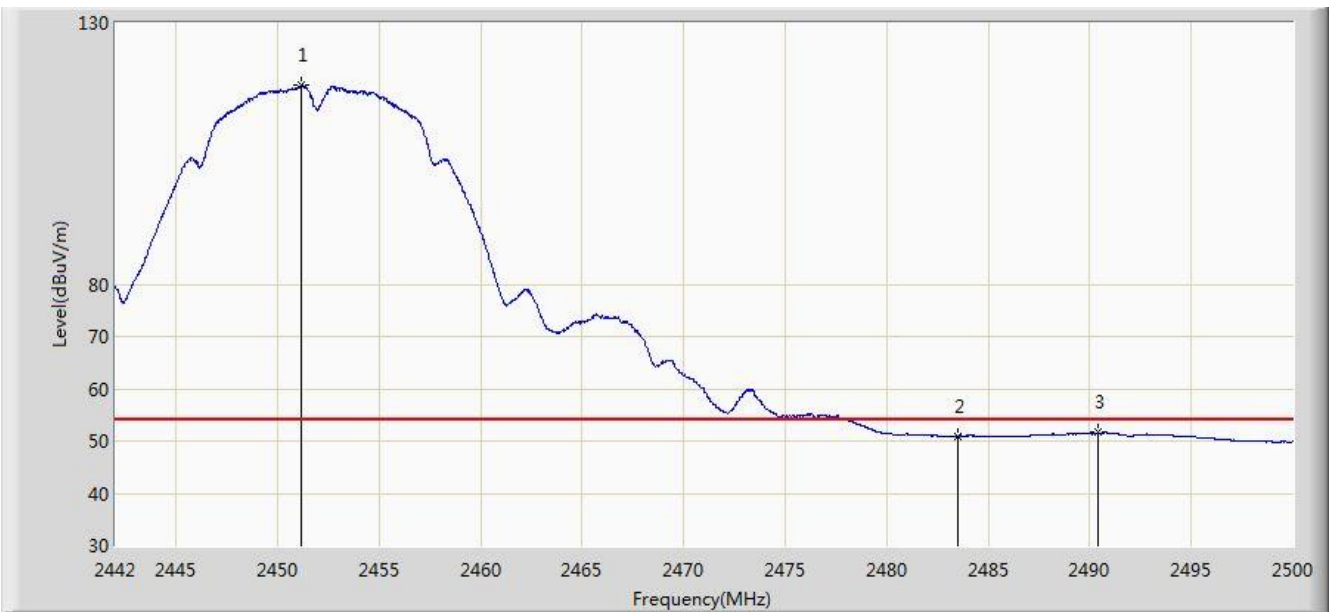


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.439	123.332	90.836	N/A	N/A	32.496	PK
2			2483.500	62.566	29.985	-11.434	74.000	32.580	PK
3			2483.615	65.089	32.508	-8.911	74.000	32.581	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz Ant 0 + 1 + 2	

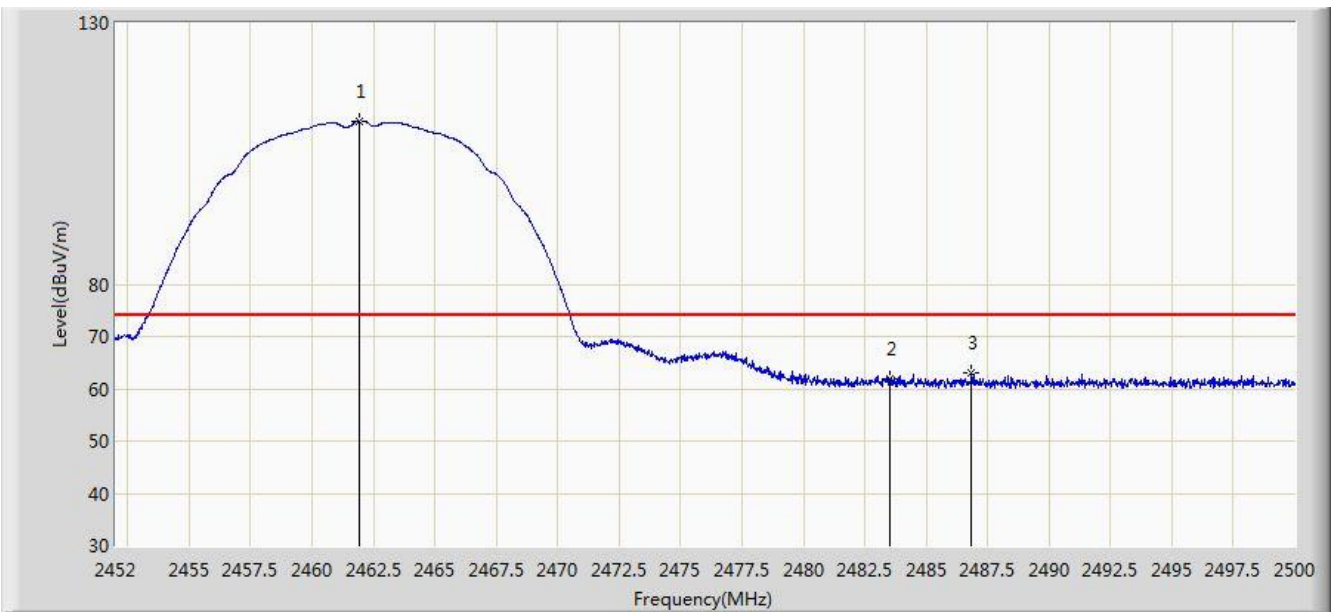


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.193	118.050	85.553	N/A	N/A	32.498	AV
2			2483.500	50.993	18.412	-3.007	54.000	32.580	AV
3			2490.401	51.647	19.046	-2.353	54.000	32.601	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.912	111.288	78.772	N/A	N/A	32.516	PK
2			2483.500	61.885	29.304	-12.115	74.000	32.580	PK
3			2486.848	63.117	30.526	-10.883	74.000	32.590	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 0 + 1 + 2	

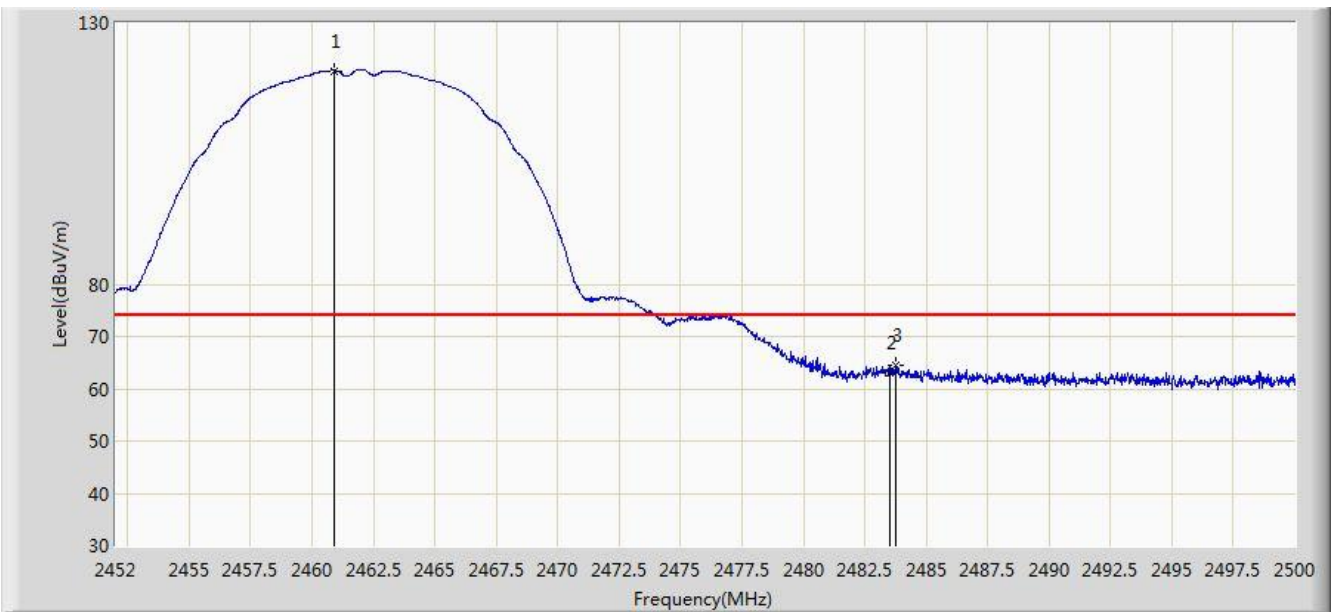


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.704	105.675	73.157	N/A	N/A	32.518	AV
2			2483.500	48.862	16.281	-5.138	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 0 + 1 + 2	

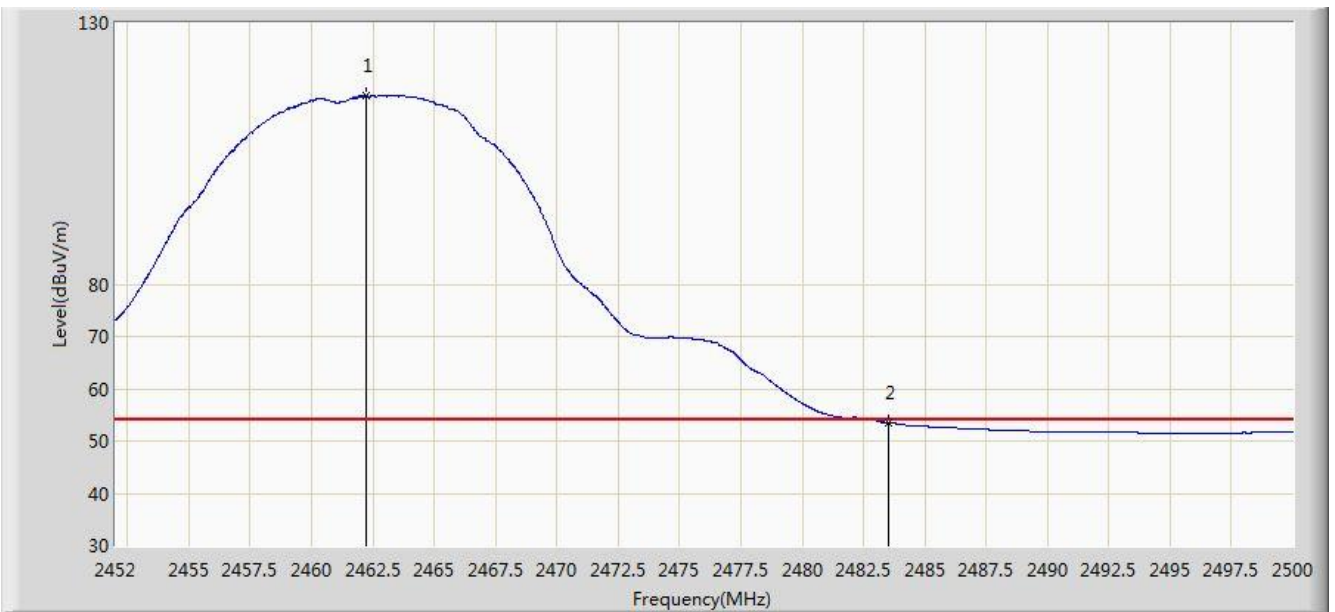


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.928	120.858	88.344	N/A	N/A	32.514	PK
2			2483.500	63.061	30.480	-10.939	74.000	32.580	PK
3			2483.776	64.356	31.775	-9.644	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz Ant 0 + 1 + 2	

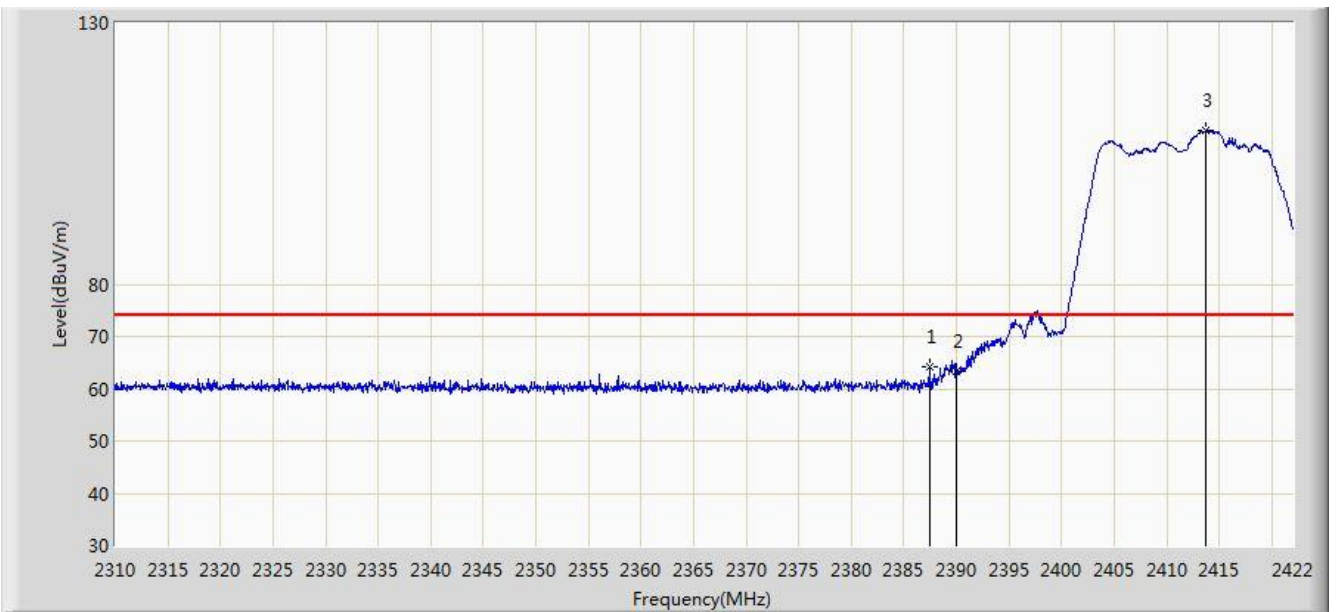


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.200	116.058	83.541	N/A	N/A	32.517	AV
2			2483.500	53.523	20.942	-0.477	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

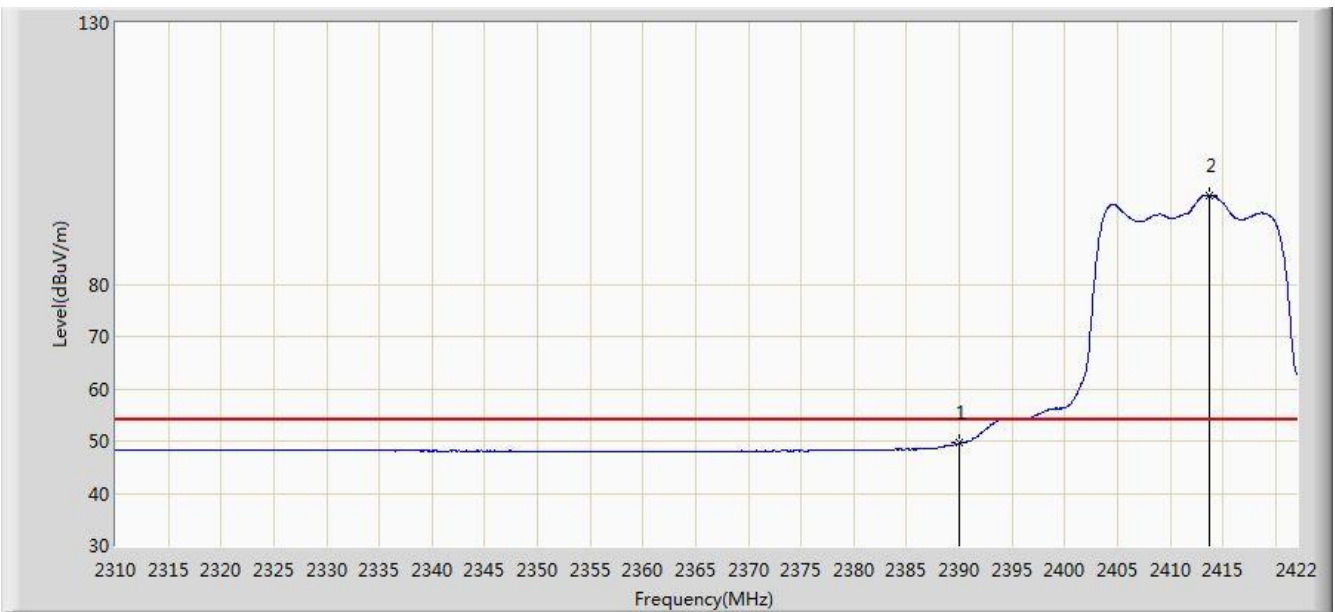


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.448	64.148	31.590	-9.852	74.000	32.558	PK
2			2390.000	63.433	30.879	-10.567	74.000	32.554	PK
3		*	2413.712	109.402	76.878	N/A	N/A	32.523	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

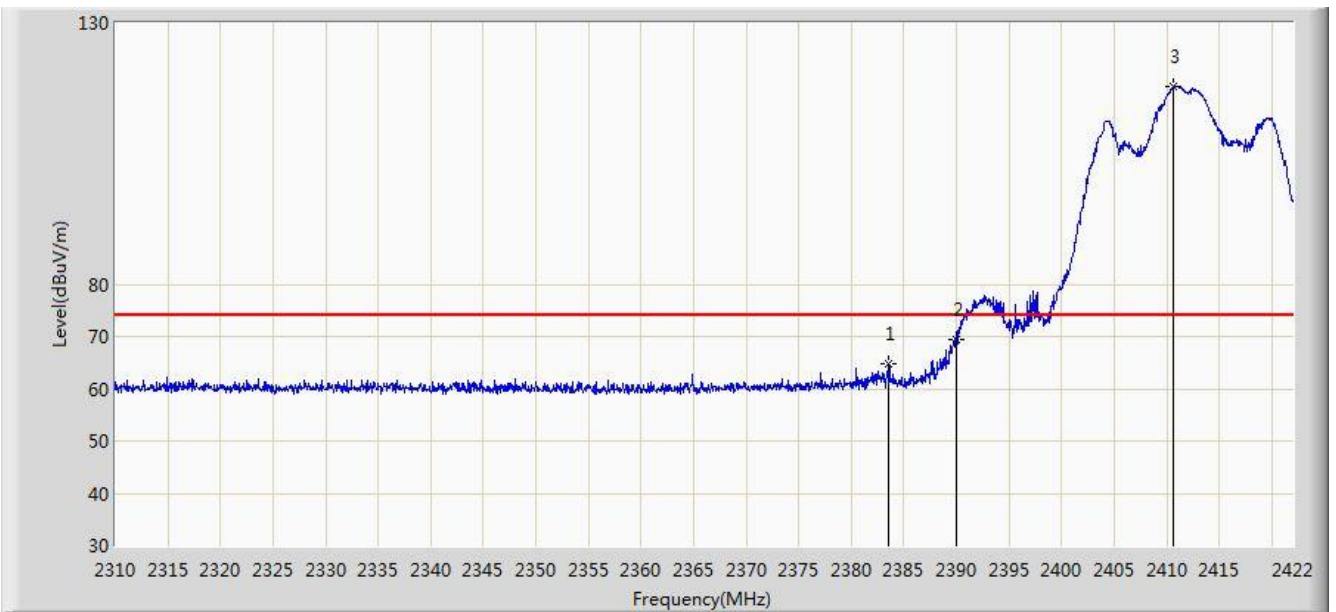


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.576	17.022	-4.424	54.000	32.554	AV
2		*	2413.768	97.002	64.479	N/A	N/A	32.523	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

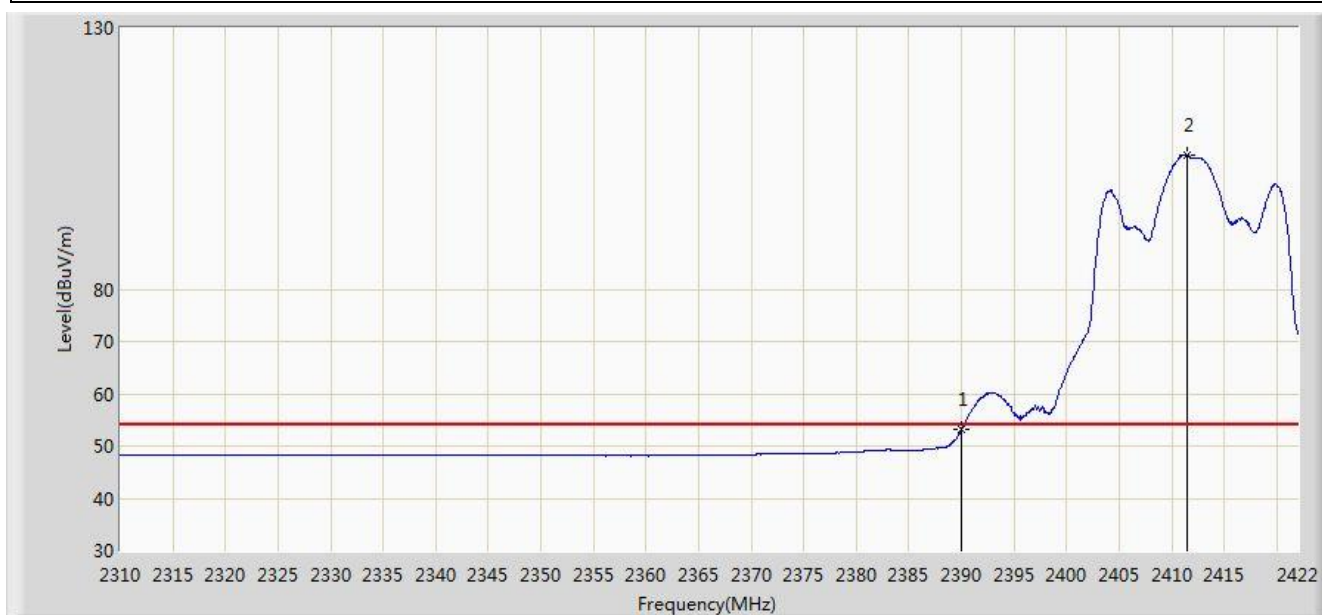


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.584	64.670	32.107	-9.330	74.000	32.563	PK
2			2390.000	69.400	36.846	-4.600	74.000	32.554	PK
3		*	2410.632	117.773	85.246	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/21 - 22:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz Ant 0 + 1 + 2	

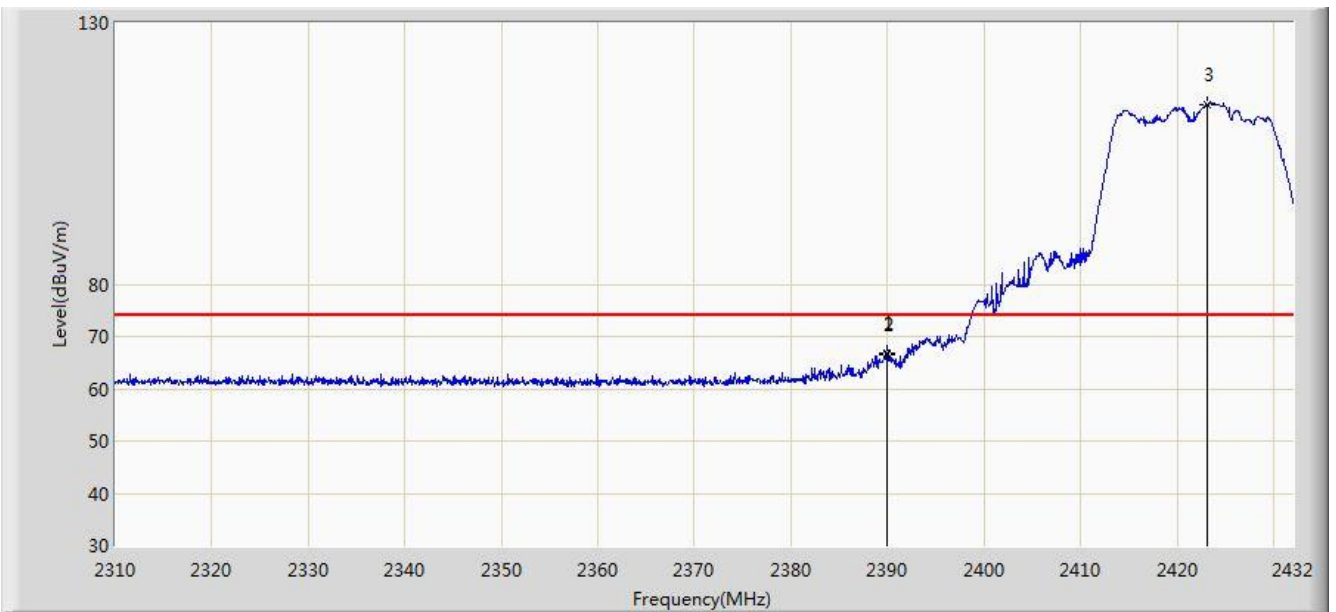


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.280	20.726	-0.720	54.000	32.554	AV
2		*	2411.416	105.666	73.140	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2016/12/21 - 22:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz_TW	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2422MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.910	66.764	34.209	-7.236	74.000	32.555	PK
2			2390.000	66.456	33.902	-7.544	74.000	32.554	PK
3		*	2423.094	114.337	81.825	N/A	N/A	32.513	PK

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

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