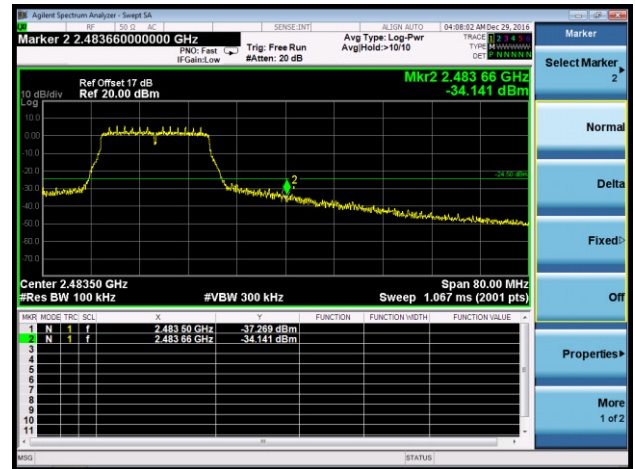


Channel 11 (2462MHz)

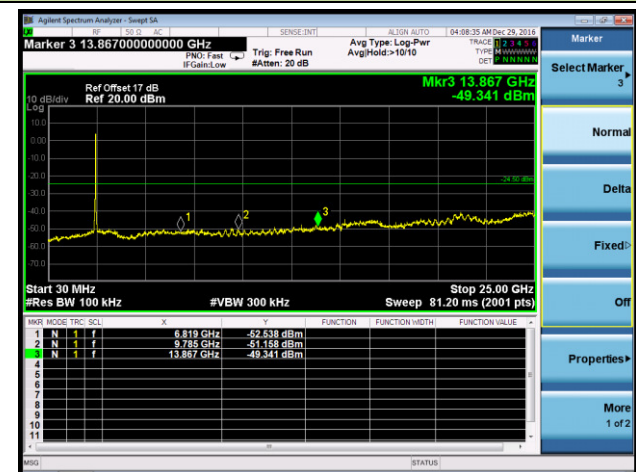
100kHz PSD Reference Level



High Band Edge



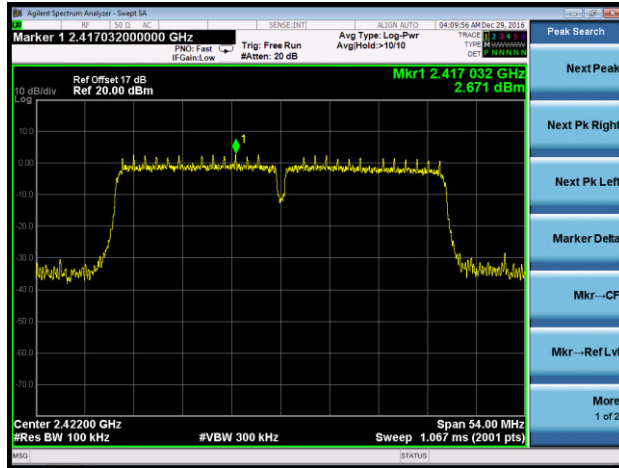
Spurious Emission



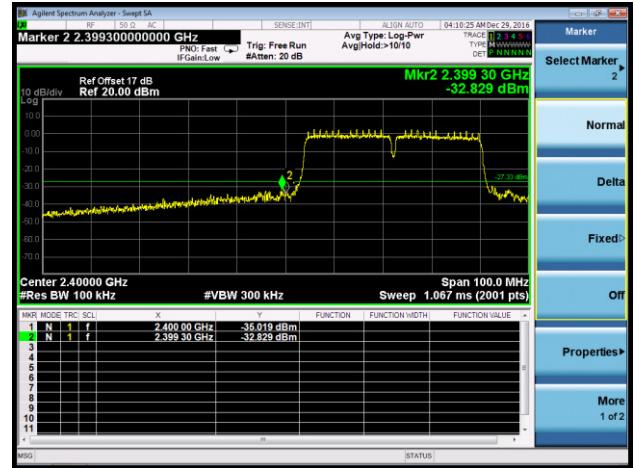
802.11n-HT40 Out-of-Band Emissions - Ant 1 / Ant 1 + 2

Channel 03 (2422MHz)

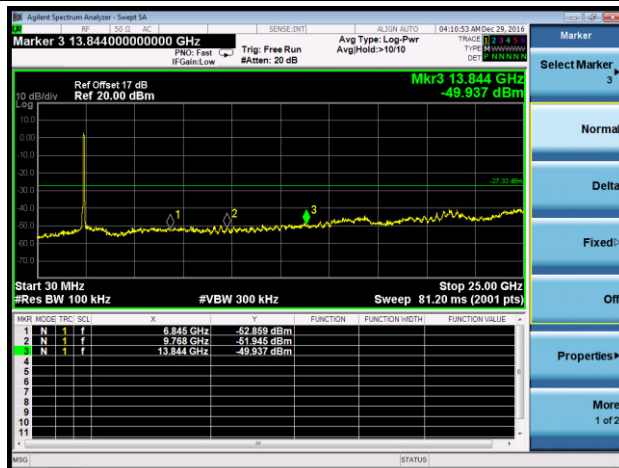
100kHz PSD Reference Level



Low Band Edge

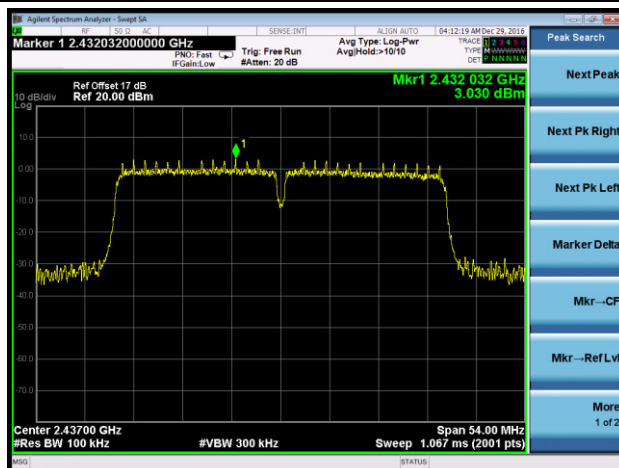


Spurious Emission

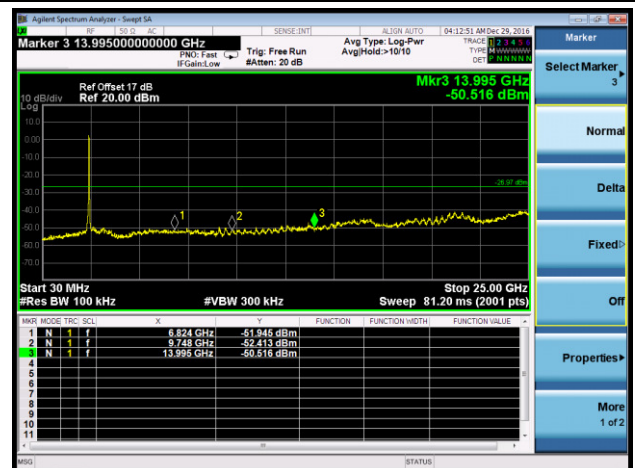


Channel 06 (2437MHz)

100kHz PSD Reference Level

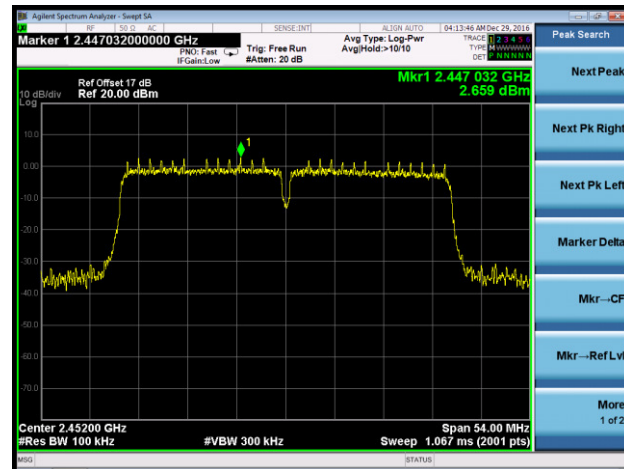


Spurious Emission



Channel 09 (2452MHz)

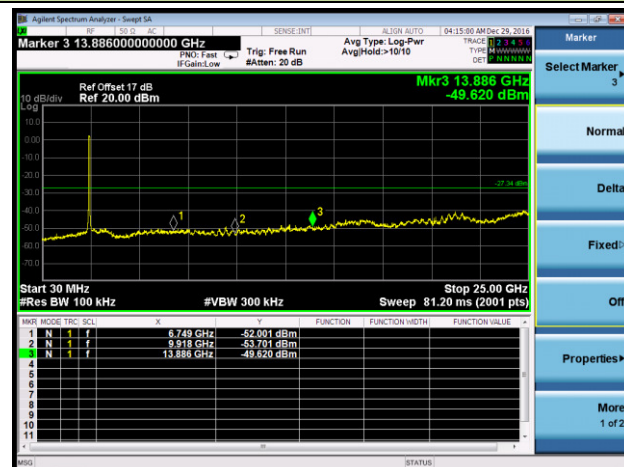
100kHz PSD Reference Level



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 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

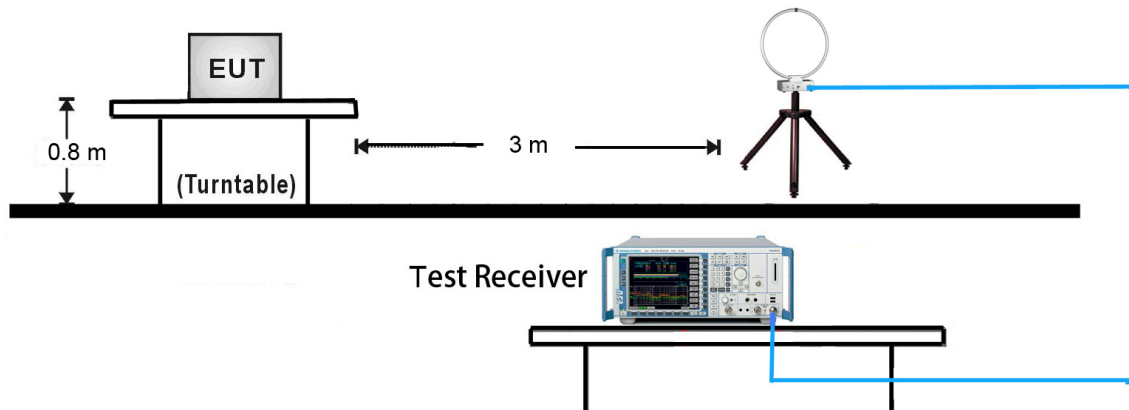
6. Sweep time = auto

7. Trace mode = max hold

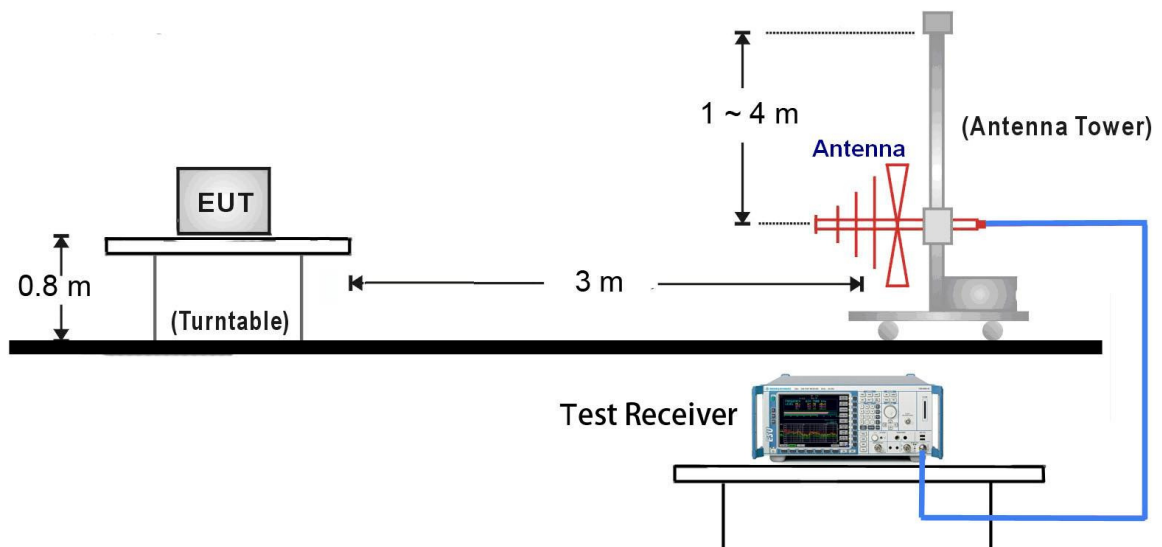
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4. Test Setup

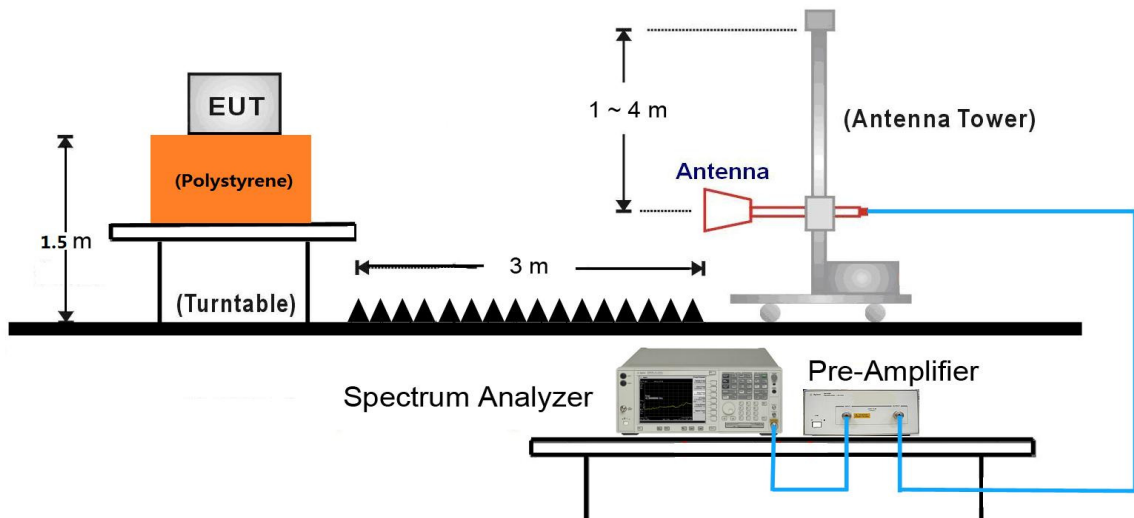
9kHz ~ 30MHz Test Setup:



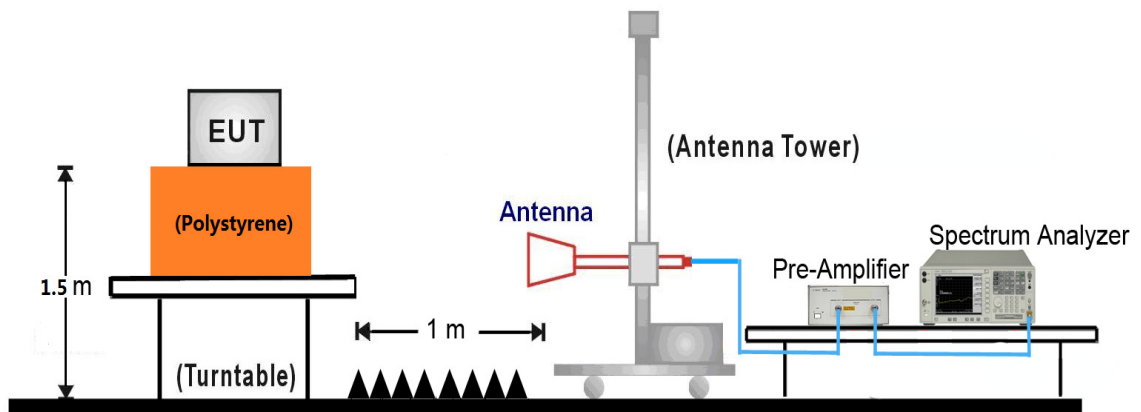
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



7.6.5. Test Result

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
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
	4825.0	38.7	3.7	42.4	74.0	-31.6	Peak	Horizontal
*	7230.5	34.0	12.2	46.2	74.0	-27.8	Peak	Horizontal
	8480.0	30.8	12.7	43.5	74.0	-30.5	Peak	Horizontal
*	10171.5	30.1	16.1	46.2	74.0	-27.8	Peak	Horizontal
	4825.0	34.7	3.7	38.4	74.0	-35.6	Peak	Vertical
*	7239.0	33.6	12.2	45.8	74.0	-28.2	Peak	Vertical
	8165.5	29.3	12.1	41.4	74.0	-32.6	Peak	Vertical
*	9627.5	30.9	14.4	45.3	74.0	-28.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.0dB 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:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	35.8	3.7	39.5	74.0	-34.5	Peak	Horizontal
*	6270.0	31.8	7.1	38.9	74.0	-35.1	Peak	Horizontal
	7307.0	35.0	12.3	47.3	74.0	-26.7	Peak	Horizontal
*	8845.5	30.5	14.0	44.5	74.0	-29.5	Peak	Horizontal
	4969.5	35.0	3.7	38.7	74.0	-35.3	Peak	Vertical
*	6159.5	33.0	6.7	39.7	74.0	-34.3	Peak	Vertical
	7307.0	32.3	12.3	44.6	74.0	-29.4	Peak	Vertical
*	8624.5	31.1	13.5	44.6	74.0	-29.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.4dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11b - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
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
	4927.0	36.6	3.7	40.3	74.0	-33.7	Peak	Horizontal
*	6618.5	31.4	8.7	40.1	74.0	-33.9	Peak	Horizontal
	7383.5	32.5	12.5	45.0	74.0	-29.0	Peak	Horizontal
*	8752.0	30.0	13.9	43.9	74.0	-30.1	Peak	Horizontal
	4774.0	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6295.5	32.6	7.2	39.8	74.0	-34.2	Peak	Vertical
	7383.5	34.7	12.5	47.2	74.0	-26.8	Peak	Vertical
*	8752.0	29.9	13.9	43.8	74.0	-30.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.2dB 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 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
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
	4774.0	32.1	3.7	35.8	74.0	-38.2	Peak	Horizontal
*	6202.0	32.7	6.8	39.5	74.4	-34.9	Peak	Horizontal
	7375.0	32.1	12.5	44.6	74.0	-29.4	Peak	Horizontal
*	8820.0	30.6	14.0	44.6	74.4	-29.8	Peak	Horizontal
	4799.5	34.2	3.7	37.9	74.0	-36.1	Peak	Vertical
*	6261.5	32.8	7.0	39.8	74.4	-34.6	Peak	Vertical
	7375.0	31.0	12.5	43.5	74.0	-30.5	Peak	Vertical
*	8820.0	28.6	14.0	42.6	74.4	-31.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (104.4dB 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 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4944.0	33.2	3.7	36.9	74.0	-37.1	Peak	Horizontal
*	6261.5	31.2	7.0	38.2	74.5	-36.3	Peak	Horizontal
	7621.5	31.3	12.6	43.9	74.0	-30.1	Peak	Horizontal
*	8624.5	31.4	13.5	44.9	74.5	-29.6	Peak	Horizontal
	4816.5	34.0	3.7	37.7	74.0	-36.3	Peak	Vertical
*	6261.5	33.0	7.0	40.0	74.5	-34.5	Peak	Vertical
	7307.0	32.9	12.3	45.2	74.0	-28.8	Peak	Vertical
*	8624.5	30.9	13.5	44.4	74.5	-30.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (104.5dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
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
	4706.0	33.8	3.6	37.4	74.0	-36.6	Peak	Horizontal
*	6261.5	32.6	7.0	39.6	74.7	-35.1	Peak	Horizontal
	7587.5	30.6	12.7	43.3	74.0	-30.7	Peak	Horizontal
*	8650.0	31.5	13.6	45.1	74.7	-29.6	Peak	Horizontal
	4774.0	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	6117.0	32.4	6.5	38.9	74.7	-35.8	Peak	Vertical
	7672.5	31.6	12.5	44.1	74.0	-29.9	Peak	Vertical
*	8650.0	29.9	13.6	43.5	74.7	-31.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (104.7dB 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:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
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
	4825.0	34.2	3.7	37.9	74.0	-36.1	Peak	Horizontal
*	7239.0	34.8	12.2	47.0	75.4	-28.4	Peak	Horizontal
	8055.0	31.8	12.5	44.3	74.0	-29.7	Peak	Horizontal
*	10392.5	30.5	16.9	47.4	75.4	-28.0	Peak	Horizontal
	4825.0	32.8	3.7	36.5	74.0	-37.5	Peak	Vertical
*	7213.5	36.2	12.1	48.3	75.4	-27.1	Peak	Vertical
	8454.5	30.4	12.5	42.9	74.0	-31.1	Peak	Vertical
*	10392.5	27.8	16.9	44.7	75.4	-30.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (105.4dB 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 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4808.0	32.9	3.7	36.6	74.0	-37.4	Peak	Horizontal
*	6236.0	33.1	6.9	40.0	76.4	-36.4	Peak	Horizontal
	7315.5	33.2	12.3	45.5	74.0	-28.5	Peak	Horizontal
*	8658.5	30.7	13.6	44.3	76.4	-32.1	Peak	Horizontal
	4935.5	33.9	3.7	37.6	74.0	-36.4	Peak	Vertical
*	6227.5	33.7	6.9	40.6	76.4	-35.8	Peak	Vertical
	7298.5	40.3	12.3	52.6	74.0	-21.4	Peak	Vertical
*	8658.5	29.5	13.6	43.1	76.4	-33.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.4dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	35.9	3.7	39.6	74.0	-34.4	Peak	Horizontal
*	6227.5	32.3	6.9	39.2	76.5	-37.3	Peak	Horizontal
	7383.5	32.3	12.5	44.8	74.0	-29.2	Peak	Horizontal
*	8828.5	30.4	14.0	44.4	76.5	-32.1	Peak	Horizontal
	4774.0	32.7	3.7	36.4	74.0	-37.6	Peak	Vertical
*	6159.5	32.0	6.7	38.7	76.5	-37.8	Peak	Vertical
	7383.5	36.6	12.5	49.1	74.0	-24.9	Peak	Vertical
*	8828.5	29.2	14.0	43.2	76.5	-33.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.5dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Will Yan
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
	4621.0	33.5	3.3	36.8	74.0	-37.2	Peak	Horizontal
*	7247.5	32.1	12.2	44.3	74.0	-29.7	Peak	Horizontal
	8429.0	31.2	12.4	43.6	74.0	-30.4	Peak	Horizontal
*	9848.5	28.3	16.1	44.4	74.0	-29.6	Peak	Horizontal
	4774.0	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6125.5	33.1	6.5	39.6	74.0	-34.4	Peak	Vertical
	7256.0	36.7	12.2	48.9	74.0	-25.1	Peak	Vertical
*	8641.5	31.3	13.5	44.8	74.0	-29.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.2dB 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 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
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
	4859.0	34.5	3.7	38.2	74.0	-35.8	Peak	Horizontal
*	6244.5	32.7	7.0	39.7	74.0	-34.3	Peak	Horizontal
	7298.5	33.3	12.3	45.6	74.0	-28.4	Peak	Horizontal
*	8641.5	30.0	13.5	43.5	74.0	-30.5	Peak	Horizontal
	4859.0	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6533.5	32.1	8.5	40.6	74.0	-33.4	Peak	Vertical
	7307.0	39.4	12.3	51.7	74.0	-22.3	Peak	Vertical
*	8888.0	30.5	14.0	44.5	74.0	-29.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.9dB 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:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Will Yan
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
	4833.5	33.4	3.7	37.1	74.0	-36.9	Peak	Horizontal
*	6482.5	32.0	8.3	40.3	74.0	-33.7	Peak	Horizontal
	7621.5	30.7	12.6	43.3	74.0	-30.7	Peak	Horizontal
*	8888.0	30.2	14.0	44.2	74.0	-29.8	Peak	Horizontal
	4918.5	33.8	3.7	37.5	74.0	-36.5	Peak	Vertical
*	6431.5	32.1	7.9	40	74.0	-34.0	Peak	Vertical
	7341.0	35.0	12.4	47.4	74.0	-26.6	Peak	Vertical
*	8837.0	30.4	14.0	44.4	74.0	-29.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.8dB 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)

CDD Mode

Test Mode:	802.11b - Ant 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
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
	4825.0	41.3	3.7	45.0	74.0	-29.0	Peak	Horizontal
*	7230.5	37.3	12.2	49.5	76.8	-27.3	Peak	Horizontal
	8123.0	32.1	12.2	44.3	74.0	-29.7	Peak	Horizontal
*	10188.5	31.6	16.2	47.8	76.8	-29.0	Peak	Horizontal
	4825.0	38.5	3.7	42.2	74.0	-31.8	Peak	Vertical
*	7239.0	35.0	12.2	47.2	76.8	-29.6	Peak	Vertical
	8208.0	33.2	11.9	45.1	74.0	-28.9	Peak	Vertical
*	10154.5	31.1	16.0	47.1	76.8	-29.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.8dB 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 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	40.2	3.7	43.9	74.0	-30.1	Peak	Horizontal
*	6134.0	32.8	6.6	39.4	76.7	-37.3	Peak	Horizontal
	7307.0	35.2	12.3	47.5	74.0	-26.5	Peak	Horizontal
*	8854.0	32.1	14.0	46.1	76.7	-30.6	Peak	Horizontal
	4876.0	36.3	3.7	40.0	74.0	-34.0	Peak	Vertical
*	6474.0	33.1	8.2	41.3	76.7	-35.4	Peak	Vertical
	7307.0	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical
*	8607.5	31.0	13.5	44.5	76.7	-32.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.7dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11b - Ant 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	41.4	3.7	45.1	74.0	-28.9	Peak	Horizontal
*	6414.5	33.9	7.8	41.7	76.3	-34.6	Peak	Horizontal
	7383.5	34.8	12.5	47.3	74.0	-26.7	Peak	Horizontal
*	8599.0	31.1	13.4	44.5	76.3	-31.8	Peak	Horizontal
	4927.0	37.0	3.7	40.7	74.0	-33.3	Peak	Vertical
*	6448.5	32.9	8.0	40.9	76.3	-35.4	Peak	Vertical
	7383.5	32.4	12.5	44.9	74.0	-29.1	Peak	Vertical
*	9695.5	31.0	14.6	45.6	76.3	-30.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.3dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
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
	4825.0	34.4	3.7	38.1	74.0	-35.9	Peak	Horizontal
*	7230.5	36.1	12.2	48.3	77.4	-29.1	Peak	Horizontal
	8412.0	31.1	12.3	43.4	74.0	-30.6	Peak	Horizontal
*	8624.5	31.4	13.5	44.9	77.4	-32.5	Peak	Horizontal
	4825.0	38.3	3.7	42.0	74.0	-32.0	Peak	Vertical
*	7239.0	46.2	12.2	58.4	77.4	-19.0	Peak	Vertical
	8284.5	30.6	11.9	42.5	74.0	-31.5	Peak	Vertical
*	10120.5	29.7	15.8	45.5	77.4	-31.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.4dB 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 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	34.9	3.7	38.6	74.0	-35.4	Peak	Horizontal
*	6652.5	32.3	8.7	41.0	77.5	-36.5	Peak	Horizontal
	7307.0	37.2	12.3	49.5	74.0	-24.5	Peak	Horizontal
*	9746.5	30.2	14.8	45.0	77.5	-32.5	Peak	Horizontal
	4876.0	38.2	3.7	41.9	74.0	-32.1	Peak	Vertical
*	6474.0	32.2	8.2	40.4	77.5	-37.1	Peak	Vertical
	7315.5	46.2	12.3	58.5	74.0	-15.5	Peak	Vertical
	7307.9	34.0	12.3	46.3	54.0	-7.7	Average	Vertical
*	8650.0	31.4	13.6	45.0	77.5	-32.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.5dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11g - Ant 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	35.9	3.7	39.6	74.0	-34.4	Peak	Horizontal
*	6406.0	32.8	7.7	40.5	77.1	-36.6	Peak	Horizontal
	7383.5	35.3	12.5	47.8	74.0	-26.2	Peak	Horizontal
*	10239.5	31.0	16.4	47.4	77.1	-29.7	Peak	Horizontal
	4927.0	34.7	3.7	38.4	74.0	-35.6	Peak	Vertical
*	6295.5	33.6	7.2	40.8	77.1	-36.3	Peak	Vertical
	7630.0	32.7	12.6	45.3	74.0	-28.7	Peak	Vertical
*	10163.0	31.0	16.0	47.0	77.1	-30.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.1dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4825.0	36.2	3.7	39.9	74.0	-34.1	Peak	Horizontal
*	7247.5	40.2	12.2	52.4	76.3	-23.9	Peak	Horizontal
	8199.5	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
*	10188.5	30.8	16.2	47.0	76.3	-29.3	Peak	Horizontal
	5063.0	34.9	4.0	38.9	74.0	-35.1	Peak	Vertical
*	7247.5	39.1	12.2	51.3	76.3	-25.0	Peak	Vertical
	8259.0	31.1	11.9	43.0	74.0	-31.0	Peak	Vertical
*	10469.0	30.0	17.1	47.1	76.3	-29.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.3dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	33.6	3.7	37.3	74.0	-36.7	Peak	Horizontal
*	6389.0	31.9	7.6	39.5	76.8	-37.3	Peak	Horizontal
	7307.0	37.0	12.3	49.3	74.0	-24.7	Peak	Horizontal
*	8624.5	30.4	13.5	43.9	76.8	-32.9	Peak	Horizontal
	4867.5	36.7	3.7	40.4	74.0	-33.6	Peak	Vertical
*	6270.0	31.8	7.1	38.9	76.8	-37.9	Peak	Vertical
	7315.5	45.1	12.3	57.4	74.0	-16.6	Peak	Vertical
	7304.5	27.3	12.3	39.6	54.0	-14.4	Average	Vertical
*	8769.0	28.9	13.9	42.8	76.8	-34.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.8dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4918.5	35.8	3.7	39.5	74.0	-34.5	Peak	Horizontal
*	6499.5	32.1	8.4	40.5	76.2	-35.7	Peak	Horizontal
	7383.5	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
*	8633.0	33.0	13.5	46.5	76.2	-29.7	Peak	Horizontal
	5148.0	34.2	4.2	38.4	74.0	-35.6	Peak	Vertical
*	6457.0	32.5	8.1	40.6	76.2	-35.6	Peak	Vertical
	7392.0	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
*	8633.0	30.4	13.5	43.9	76.2	-32.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.2dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Will Yan
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
	4842.0	35.6	3.7	39.3	74.0	-34.7	Peak	Horizontal
*	6457.0	33.0	8.1	41.1	74.0	-32.9	Peak	Horizontal
	7264.5	37.5	12.3	49.8	74.0	-24.2	Peak	Horizontal
*	8633.0	32.3	13.5	45.8	74.0	-28.2	Peak	Horizontal
	4850.5	33.5	3.7	37.2	74.0	-36.8	Peak	Vertical
*	6423.0	32.4	7.8	40.2	74.0	-33.8	Peak	Vertical
	7256.0	33.3	12.2	45.5	74.0	-28.5	Peak	Vertical
*	8633.0	30.2	13.5	43.7	74.0	-30.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.1dB 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-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4893.0	34.4	3.7	38.1	74.0	-35.9	Peak	Horizontal
*	6423.0	31.0	7.8	38.8	74.2	-35.4	Peak	Horizontal
	7341.0	33.3	12.4	45.7	74.0	-28.3	Peak	Horizontal
*	8820.0	31.1	14.0	45.1	74.2	-29.1	Peak	Horizontal
	4876.0	34.9	3.7	38.6	74.0	-35.4	Peak	Vertical
*	6431.5	32.5	7.9	40.4	74.2	-33.8	Peak	Vertical
	7332.5	39.5	12.4	51.9	74.0	-22.1	Peak	Vertical
*	8820.0	29.9	14.0	43.9	74.2	-30.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (104.2dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Will Yan
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
	4850.5	34.5	3.7	38.2	74.0	-35.8	Peak	Horizontal
*	6431.5	32.0	7.9	39.9	74.0	-34.1	Peak	Horizontal
	7324.0	31.3	12.4	43.7	74.0	-30.3	Peak	Horizontal
*	8633.0	31.7	13.5	45.2	74.0	-28.8	Peak	Horizontal
	4833.5	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
*	6168.0	32.8	6.7	39.5	74.0	-34.5	Peak	Vertical
	7349.5	30.5	12.4	42.9	74.0	-31.1	Peak	Vertical
*	8633.0	30.5	13.5	44	74.0	-30.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.6dB 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)

Beam-Forming Mode Mode

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	01	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4816.5	35.6	3.7	39.3	74.0	-34.7	Peak	Horizontal
	7239.0	40.0	12.2	52.2	74.0	-21.8	Peak	Horizontal
*	8854.0	31.6	14.0	45.6	76.8	-31.2	Peak	Horizontal
*	10273.5	29.9	16.5	46.4	76.8	-30.4	Peak	Horizontal
	4782.5	34.8	3.7	38.5	74.0	-35.5	Peak	Vertical
	7230.5	34.6	12.2	46.8	74.0	-27.2	Peak	Vertical
*	8828.5	32.1	14.0	46.1	76.8	-30.7	Peak	Vertical
*	10316.0	30.8	16.7	47.5	76.8	-29.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.8dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	39.3	3.7	43.0	74.0	-31.0	Peak	Horizontal
	7310.5	42.0	12.3	54.3	74.0	-19.7	Peak	Horizontal
	7310.5	29.0	12.3	41.3	54.0	-12.7	Average	Horizontal
*	8650.0	31.7	13.6	45.3	80.2	-34.9	Peak	Horizontal
*	9814.5	30.5	15.4	45.9	80.2	-34.3	Peak	Horizontal
	4876.0	37.6	3.7	41.3	74.0	-32.7	Peak	Vertical
	7307.0	37.6	12.3	49.9	74.0	-24.1	Peak	Vertical
*	8896.5	31.5	14.0	45.5	80.2	-34.7	Peak	Vertical
*	10146.0	30.8	16.0	46.8	80.2	-33.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.2dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	11	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4918.5	35.8	3.7	39.5	74.0	-34.5	Peak	Horizontal
	7383.5	37.9	12.5	50.4	74.0	-23.6	Peak	Horizontal
*	8709.5	31.1	13.8	44.9	79.9	-35.0	Peak	Horizontal
*	10222.5	30.8	16.3	47.1	79.9	-32.8	Peak	Horizontal
	4927.0	35.5	3.7	39.2	74.0	-34.8	Peak	Vertical
	7485.5	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8633.0	31.5	13.5	45.0	79.9	-34.9	Peak	Vertical
*	10188.5	30.9	16.2	47.1	79.9	-32.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.9dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	03	Test Engineer:	Will Yan
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
	4842.0	34.7	3.7	38.4	74.0	-35.6	Peak	Horizontal
	7281.5	35.1	12.3	47.4	74.0	-26.6	Peak	Horizontal
*	8650.0	31.0	13.6	44.6	76.7	-32.1	Peak	Horizontal
*	10316.0	30.1	16.7	46.8	76.7	-29.9	Peak	Horizontal
	4901.5	33.7	3.7	37.4	74.0	-36.6	Peak	Vertical
	7460.0	31.4	12.8	44.2	74.0	-29.8	Peak	Vertical
*	8624.5	31.1	13.5	44.6	76.7	-32.1	Peak	Vertical
*	10443.5	29.7	17.1	46.8	76.7	-29.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.7dB 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:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	06	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4859.0	38.6	3.7	42.3	74.0	-31.7	Peak	Horizontal
	7298.5	41.6	12.3	53.9	74.0	-20.1	Peak	Horizontal
*	8650.0	31.3	13.6	44.9	79.4	-34.5	Peak	Horizontal
*	10112.0	31.3	15.8	47.1	79.4	-32.3	Peak	Horizontal
	4876.0	36.0	3.7	39.7	74.0	-34.3	Peak	Vertical
	7290.0	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	8667.0	31.5	13.6	45.1	79.4	-34.3	Peak	Vertical
*	9874.0	29.8	15.8	45.6	79.4	-33.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.4dBμV/m) or FCC 15.209 which is higher.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	09	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4842.0	33.8	3.7	37.5	74.0	-36.5	Peak	Horizontal
	7358.0	33.9	12.4	46.3	74.0	-27.7	Peak	Horizontal
*	8667.0	31.6	13.6	45.2	75.7	-30.5	Peak	Horizontal
*	10154.5	30.6	16.0	46.6	75.7	-29.1	Peak	Horizontal
	4825.0	34.2	3.7	37.9	74.0	-36.1	Peak	Vertical
	7553.5	31.5	12.8	44.3	74.0	-29.7	Peak	Vertical
*	8879.5	30.2	14.0	44.2	75.7	-31.5	Peak	Vertical
*	10154.5	30.9	16.0	46.9	75.7	-28.8	Peak	Vertical

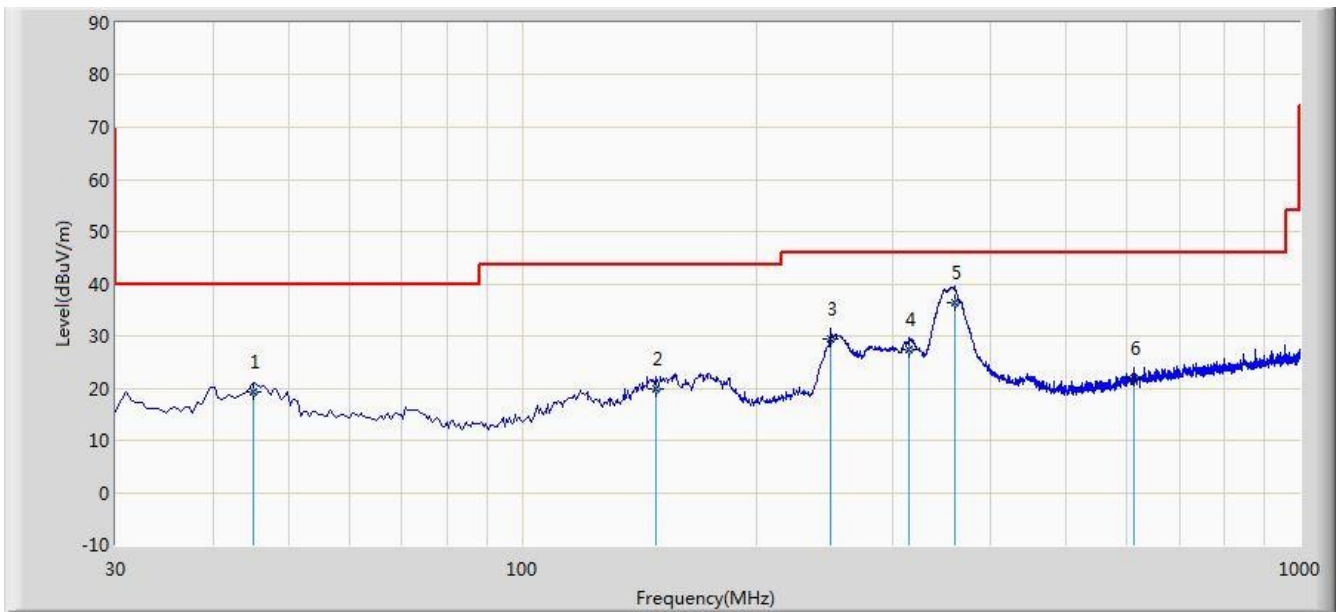
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (105.7dBμV/m) or FCC 15.209 which is higher.

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 worst case of Radiated Emission:

Site: AC1	Time: 2017/02/10 - 20:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: VULB9162_0.03GHz_8GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Worst Mode: Transmit by 802.11b at channel 2412MHz Ant 1 + 2	



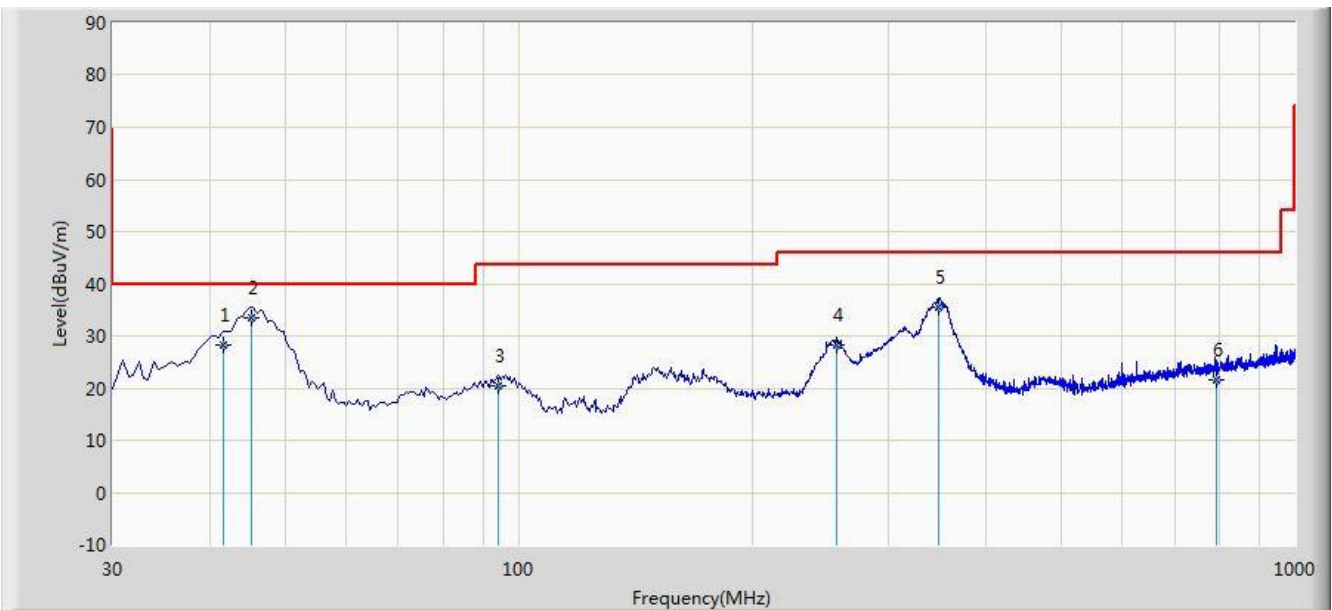
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			45.035	19.355	4.517	-20.645	40.000	14.838	QP
2			148.825	19.851	10.276	-23.649	43.500	9.575	QP
3			249.705	29.299	15.461	-16.701	46.000	13.838	QP
4			314.695	27.336	12.207	-18.664	46.000	15.129	QP
5			359.800	36.303	20.103	-9.697	46.000	16.199	QP
6			611.515	21.896	1.426	-24.104	46.000	20.470	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC1	Time: 2017/02/10 - 20:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: VULB9162_0.03GHz_8GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Worst Mode: Transmit by 802.11b at channel 2412MHz Ant 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			41.640	28.290	14.102	-11.710	40.000	14.188	QP
2			45.375	33.575	19.400	-6.425	40.000	14.175	QP
3			94.020	20.301	8.021	-23.199	43.500	12.279	QP
4			257.465	28.365	14.356	-17.635	46.000	14.009	QP
5			347.675	35.444	19.436	-10.556	46.000	16.008	QP
6			793.875	21.595	-1.463	-24.405	46.000	23.058	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear 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	8.25 - 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 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

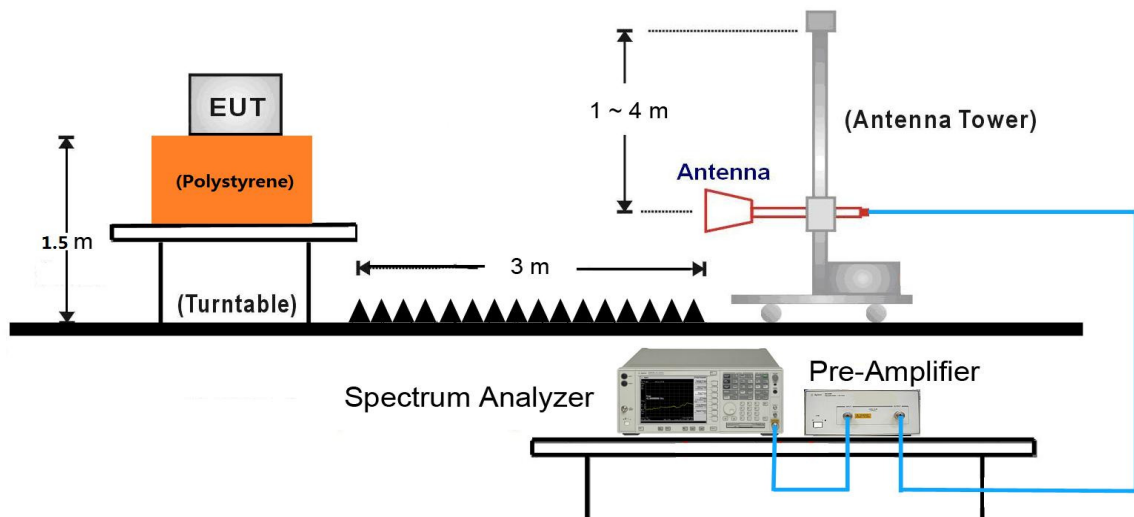
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits per Section FCC 15.209.

7.7.2. Test Procedure Used

KDB 558074 D01v03r05 - Section 12.2.4 (peak power measurements)

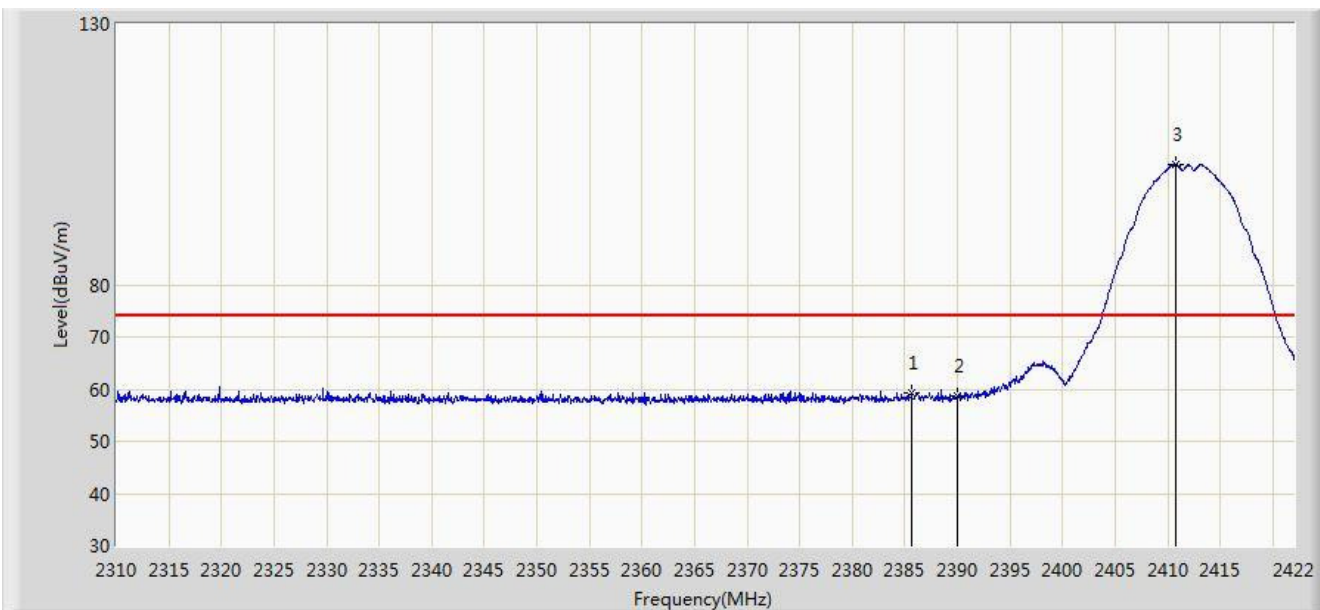
KDB 558074 D01v03r05 - Section 12.2.5 (average power measurements)

7.7.3. Test Setup



7.7.4. Test Result

Site: AC1	Time: 2016/12/24 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 2	

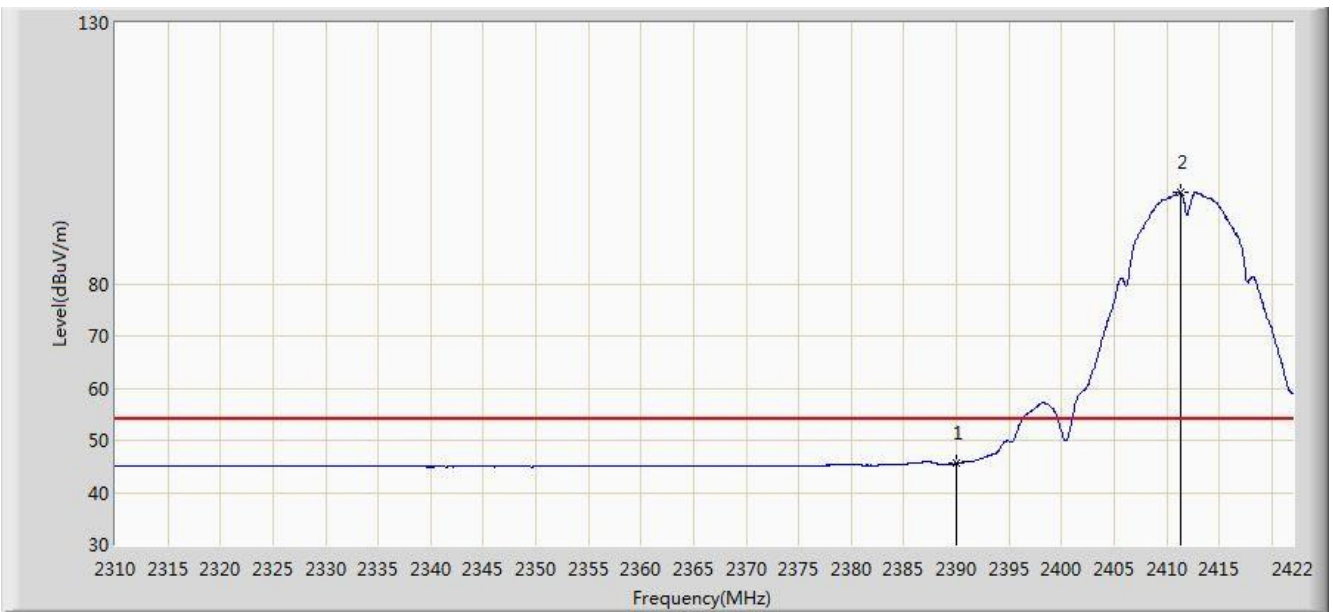


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.656	59.404	26.844	-14.596	74.000	32.561	PK
2			2390.000	58.560	26.006	-15.440	74.000	32.554	PK
3		*	2410.800	103.020	70.493	N/A	N/A	32.527	PK

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: 2016/12/24 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 2	

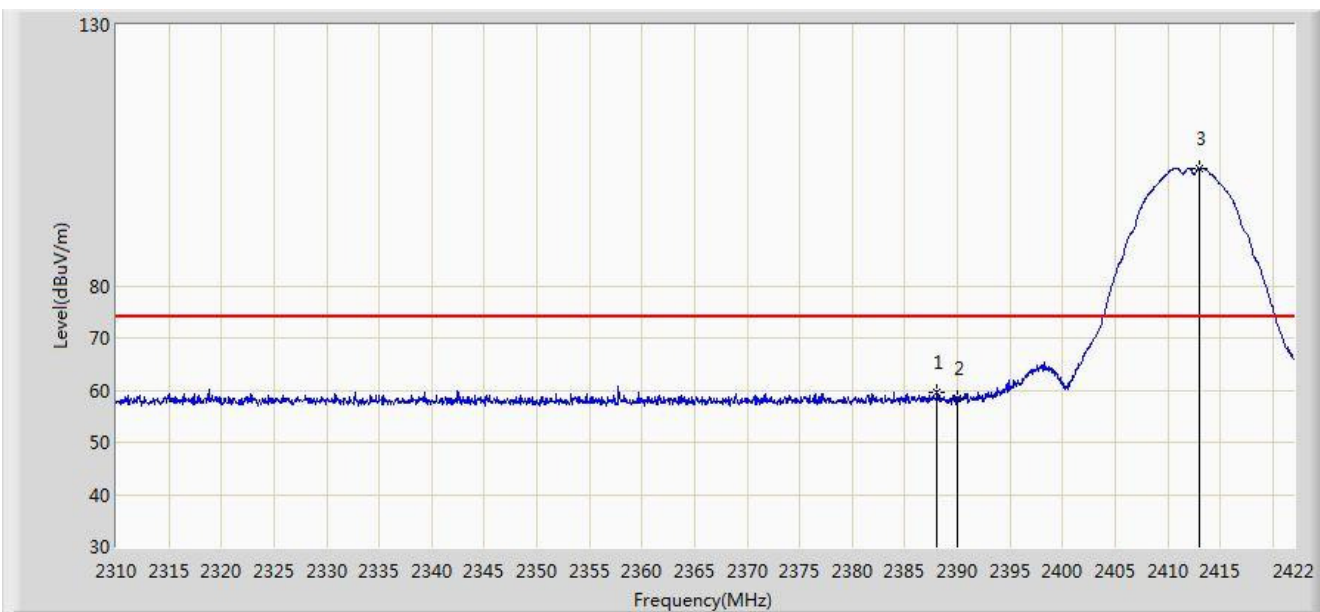


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.534	12.980	-8.466	54.000	32.554	AV
2		*	2411.360	97.561	65.035	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 2	

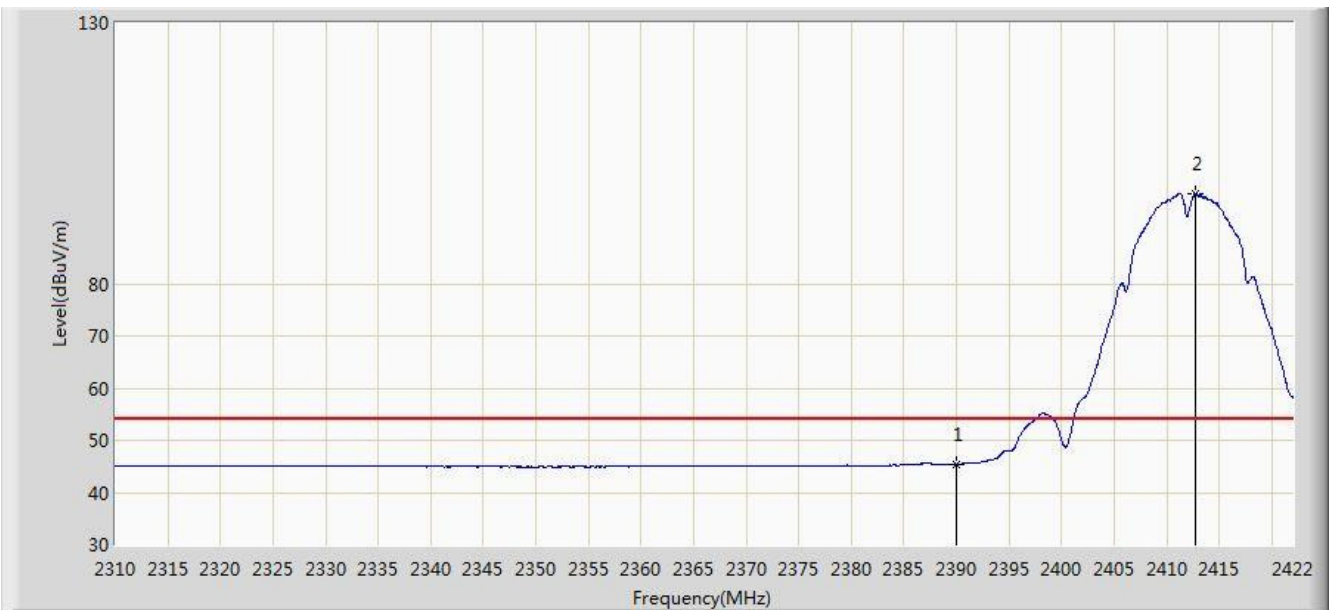


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.064	59.709	27.152	-14.291	74.000	32.557	PK
2			2390.000	58.355	25.801	-15.645	74.000	32.554	PK
3		*	2412.984	102.550	70.026	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 2	

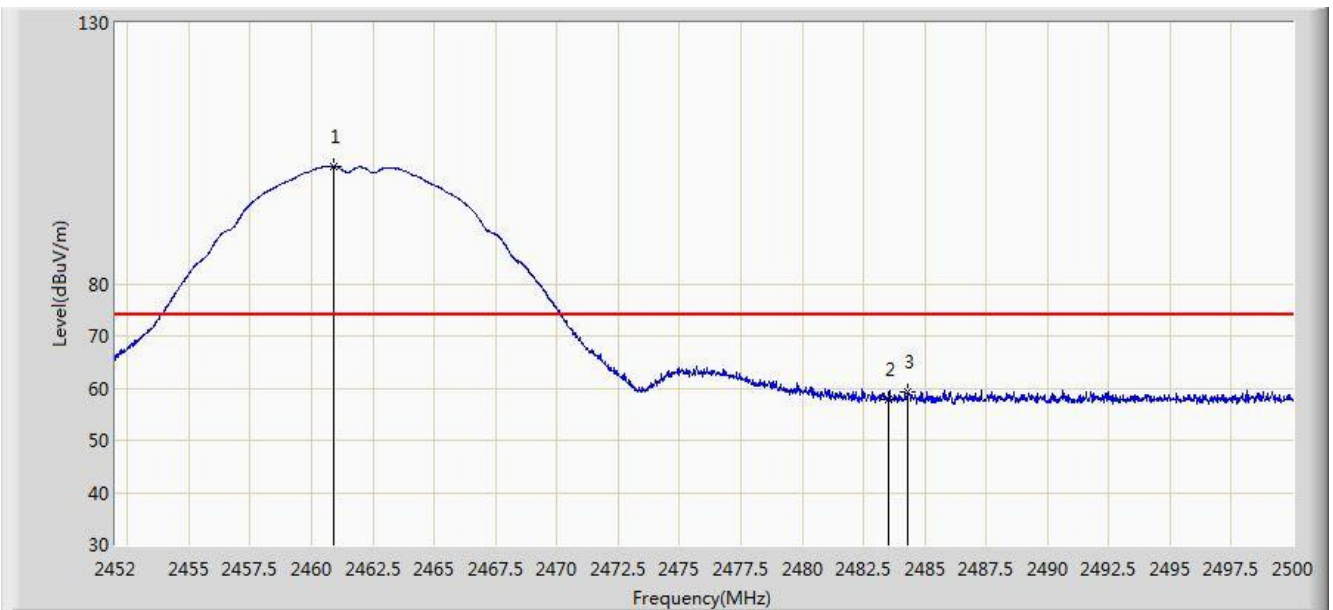


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.327	12.773	-8.673	54.000	32.554	AV
2		*	2412.704	97.260	64.735	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 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	102.569	70.055	N/A	N/A	32.514	PK
2			2483.500	57.803	25.222	-16.197	74.000	32.580	PK
3			2484.280	59.387	26.804	-14.613	74.000	32.583	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 2	

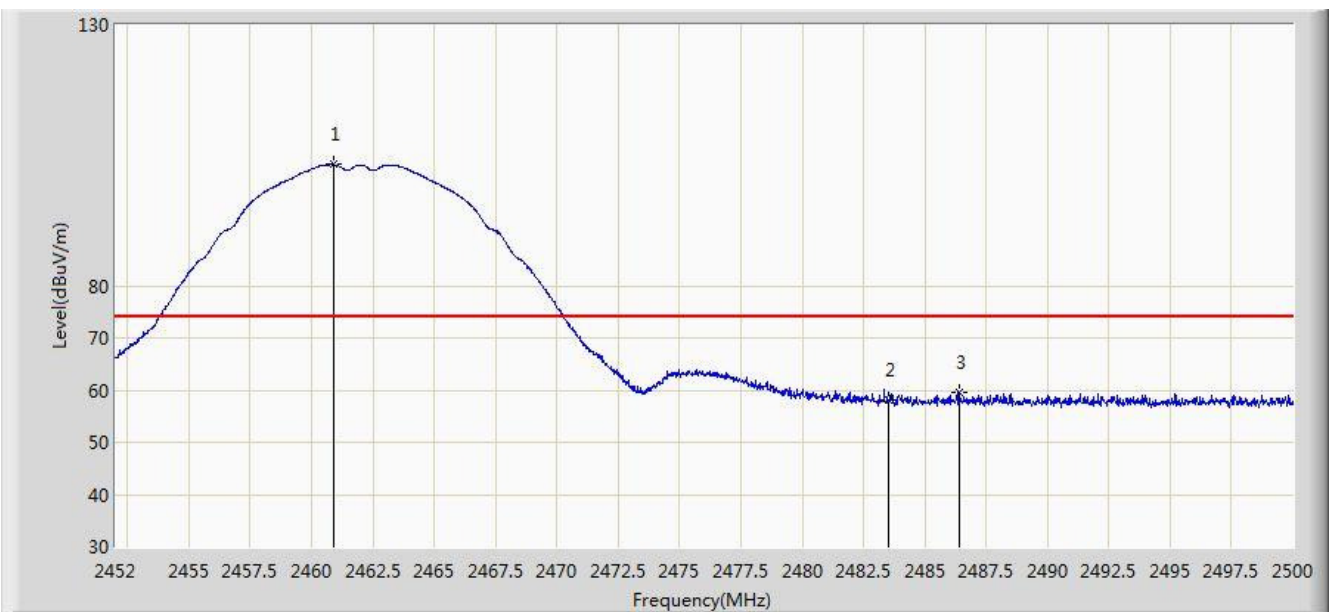


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	97.290	64.775	N/A	N/A	32.515	AV
2			2483.500	45.798	13.217	-8.202	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 2	

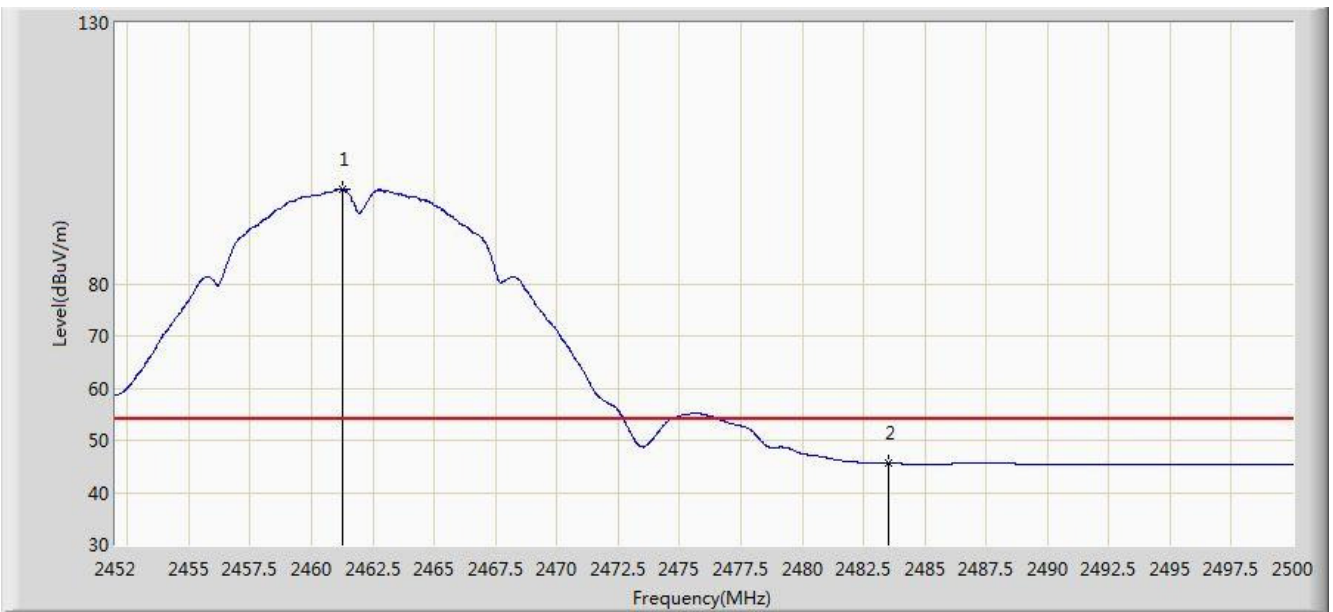


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.928	103.201	70.687	N/A	N/A	32.514	PK
2			2483.500	58.217	25.636	-15.783	74.000	32.580	PK
3			2486.416	59.422	26.833	-14.578	74.000	32.590	PK

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: 2016/12/24 - 03:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 2	

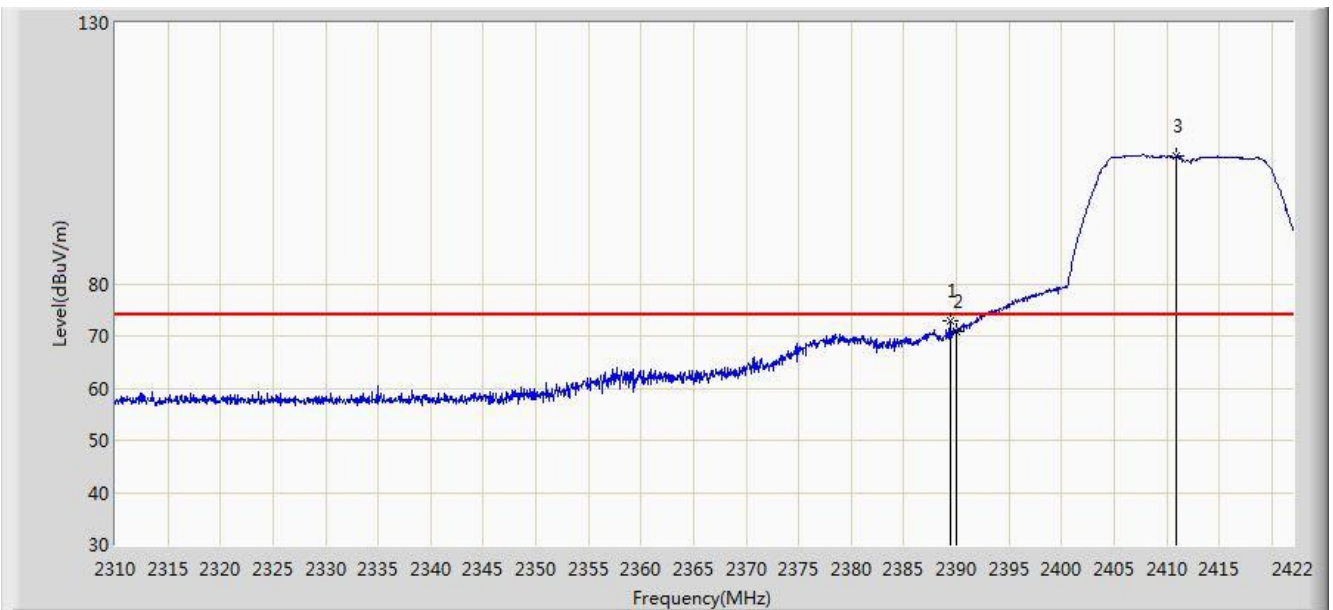


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	98.242	65.727	N/A	N/A	32.515	AV
2			2483.500	45.720	13.139	-8.280	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 2	

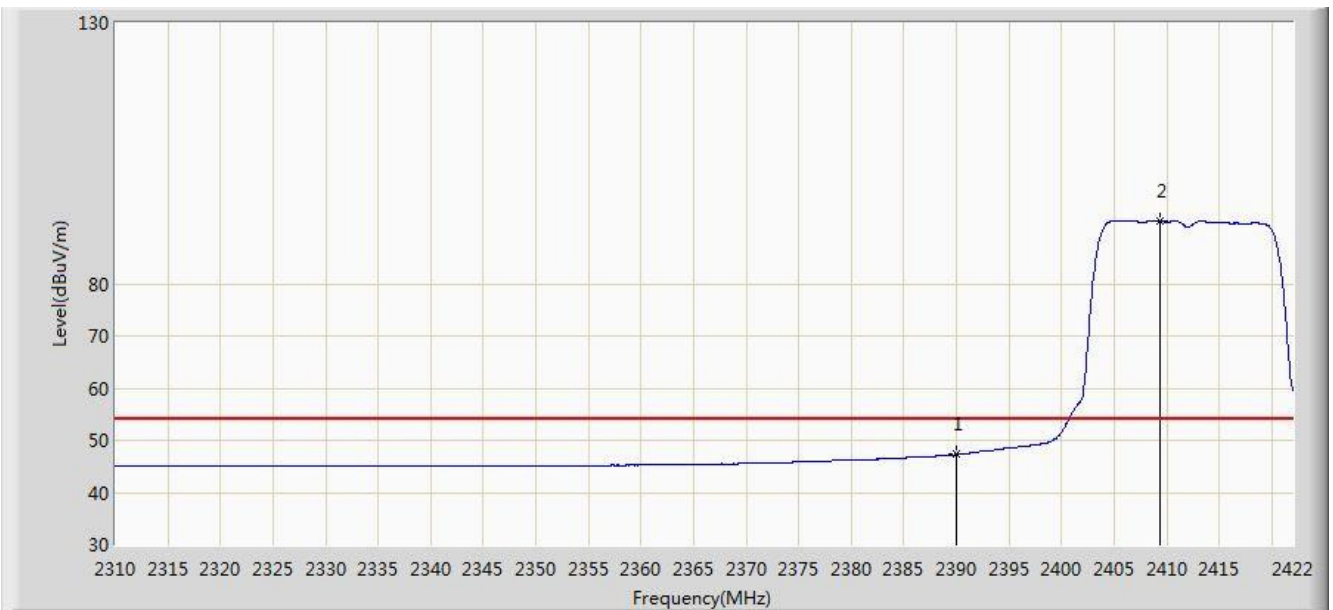


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.408	72.890	40.335	-1.110	74.000	32.555	PK
2			2390.000	70.799	38.245	-3.201	74.000	32.554	PK
3		*	2410.968	104.379	71.852	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 2	

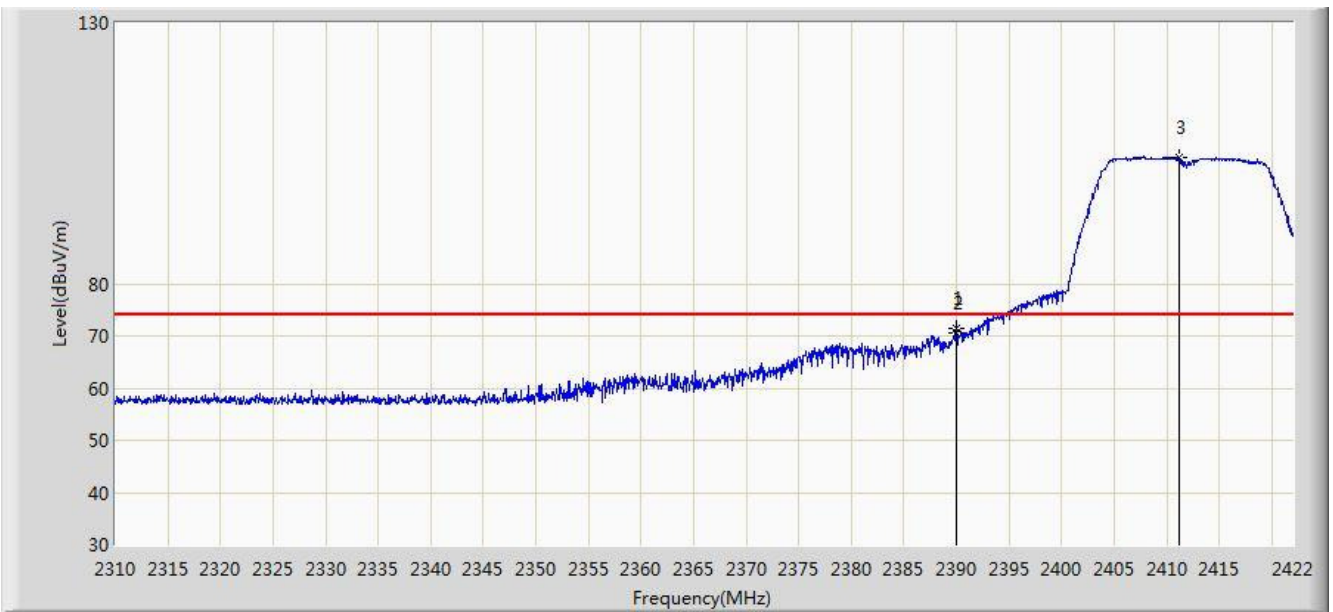


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.277	14.723	-6.723	54.000	32.554	AV
2		*	2409.400	92.003	59.474	N/A	N/A	32.529	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 2	

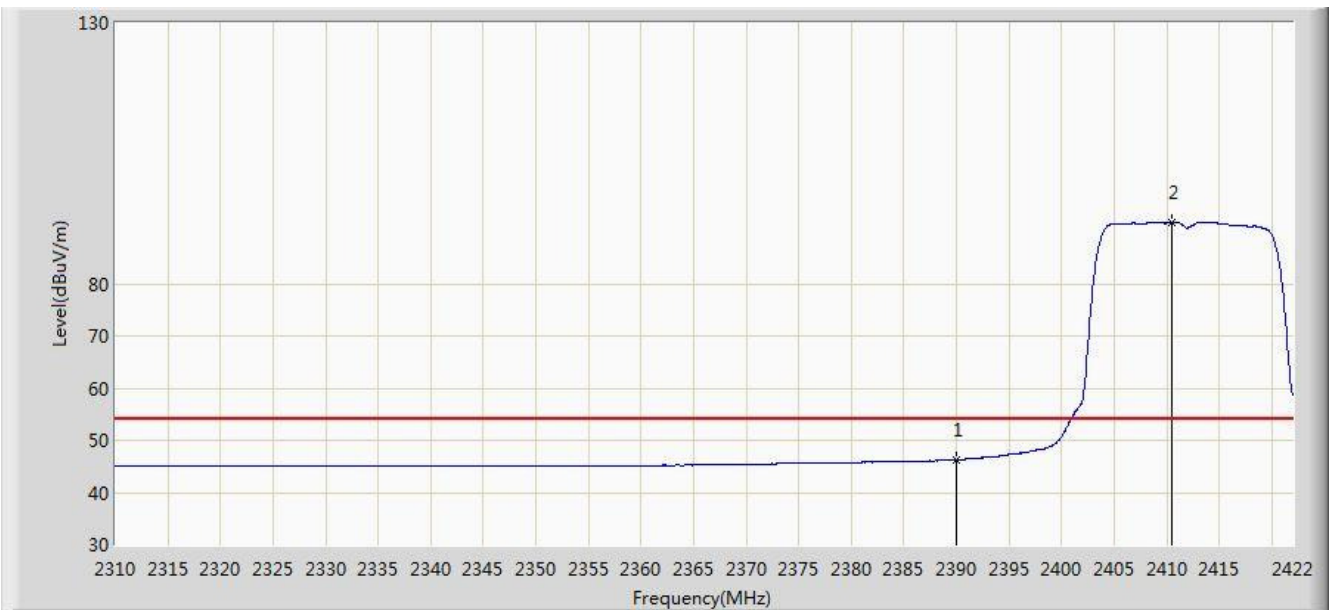


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	71.366	38.812	-2.634	74.000	32.554	PK
2			2390.000	70.565	38.011	-3.435	74.000	32.554	PK
3		*	2411.136	104.183	71.656	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 2	

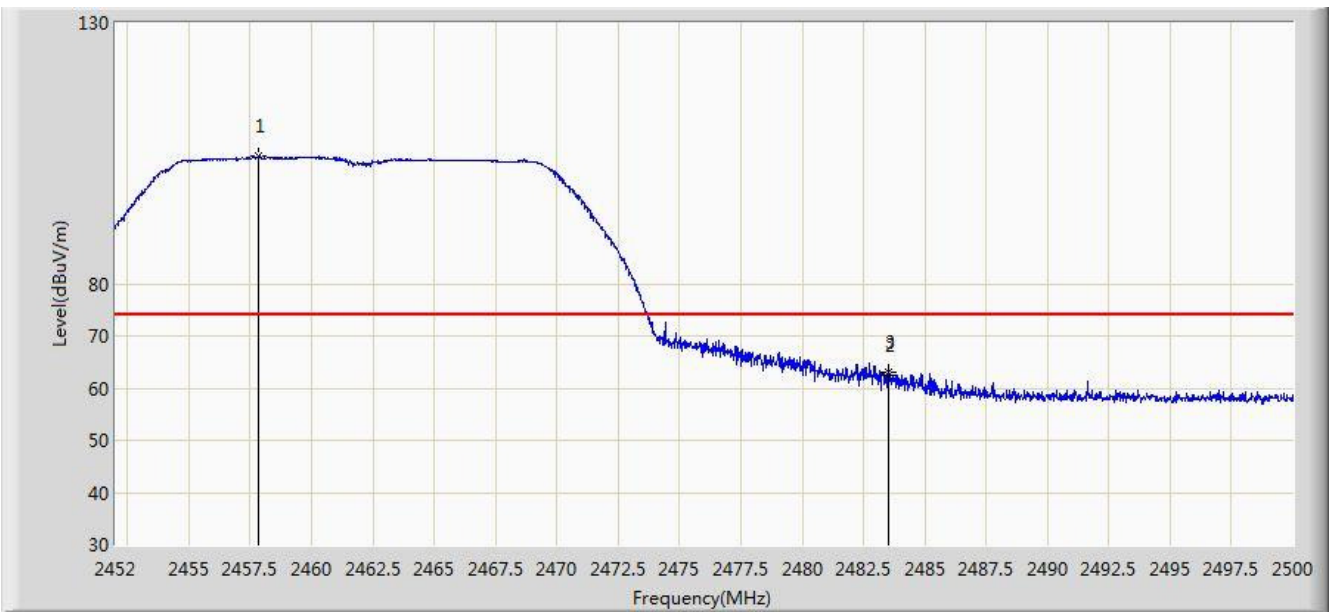


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.277	13.723	-7.723	54.000	32.554	AV
2		*	2410.464	91.667	59.139	N/A	N/A	32.527	AV

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: 2016/12/24 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 2	

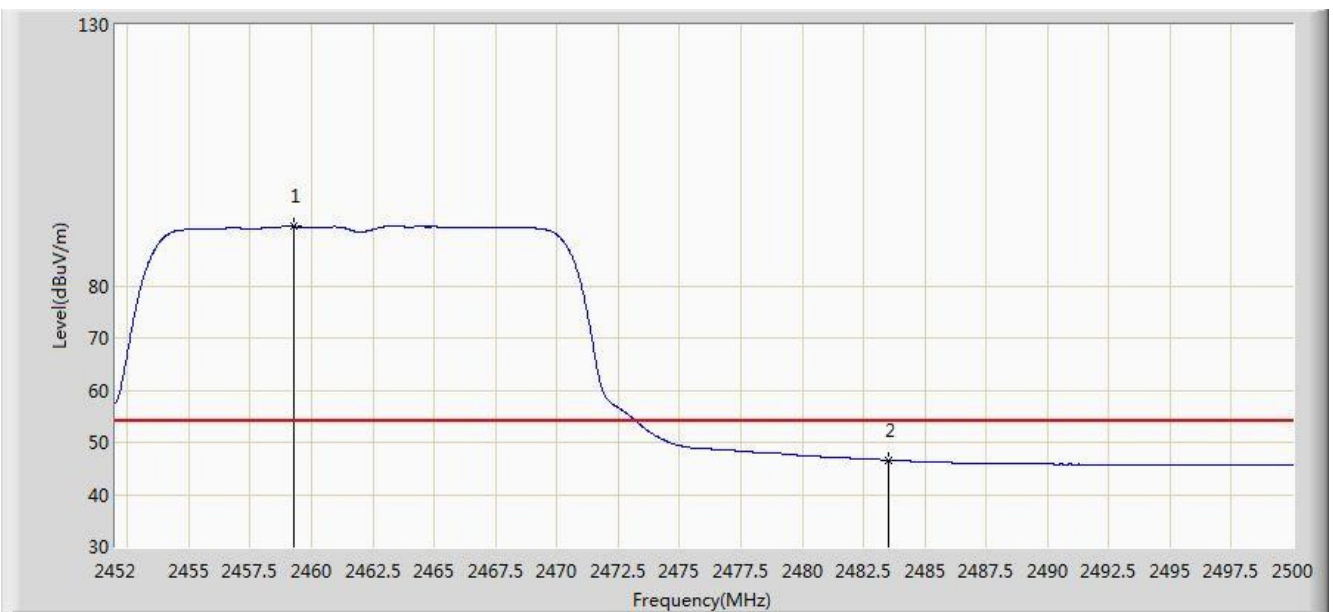


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.808	104.379	71.870	N/A	N/A	32.509	PK
2			2483.500	62.430	29.849	-11.570	74.000	32.580	PK
3			2483.536	62.964	30.383	-11.036	74.000	32.580	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 2	

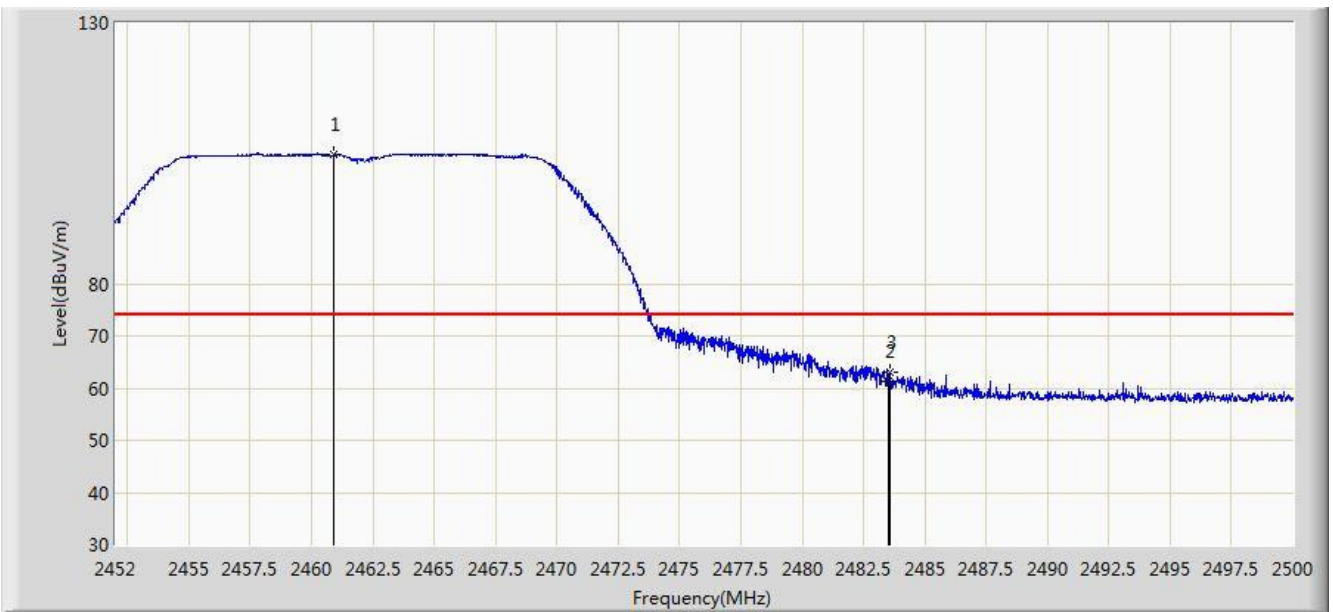


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.296	91.340	58.828	N/A	N/A	32.511	AV
2			2483.500	46.576	13.995	-7.424	54.000	32.580	AV

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: 2016/12/24 - 03:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 2	

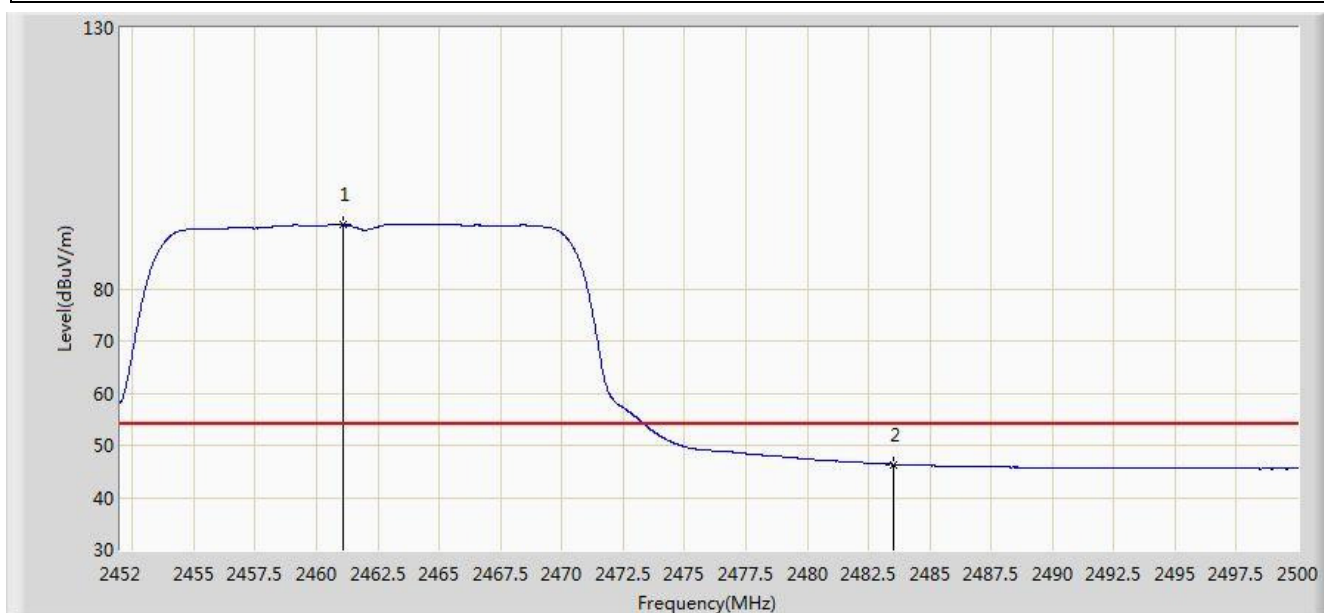


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.880	104.705	72.191	N/A	N/A	32.514	PK
2			2483.500	61.324	28.743	-12.676	74.000	32.580	PK
3			2483.584	63.103	30.522	-10.897	74.000	32.580	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 2	

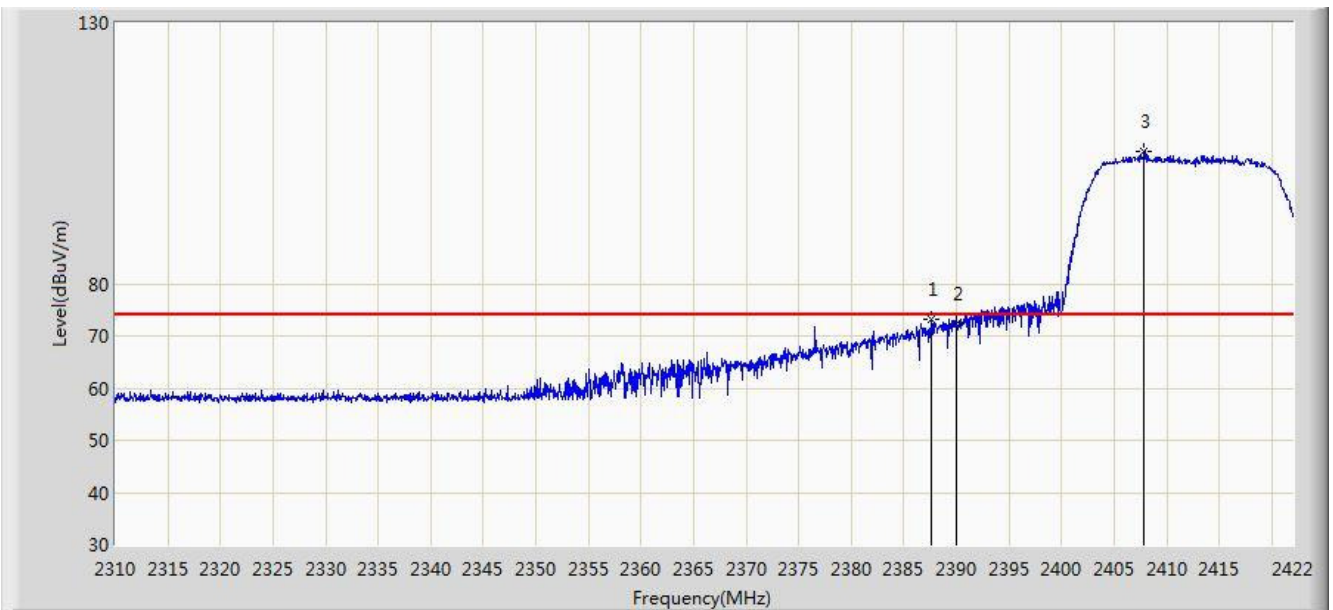


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.072	92.269	59.754	N/A	N/A	32.514	AV
2			2483.500	46.357	13.776	-7.643	54.000	32.580	AV

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: 2016/12/24 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 2	

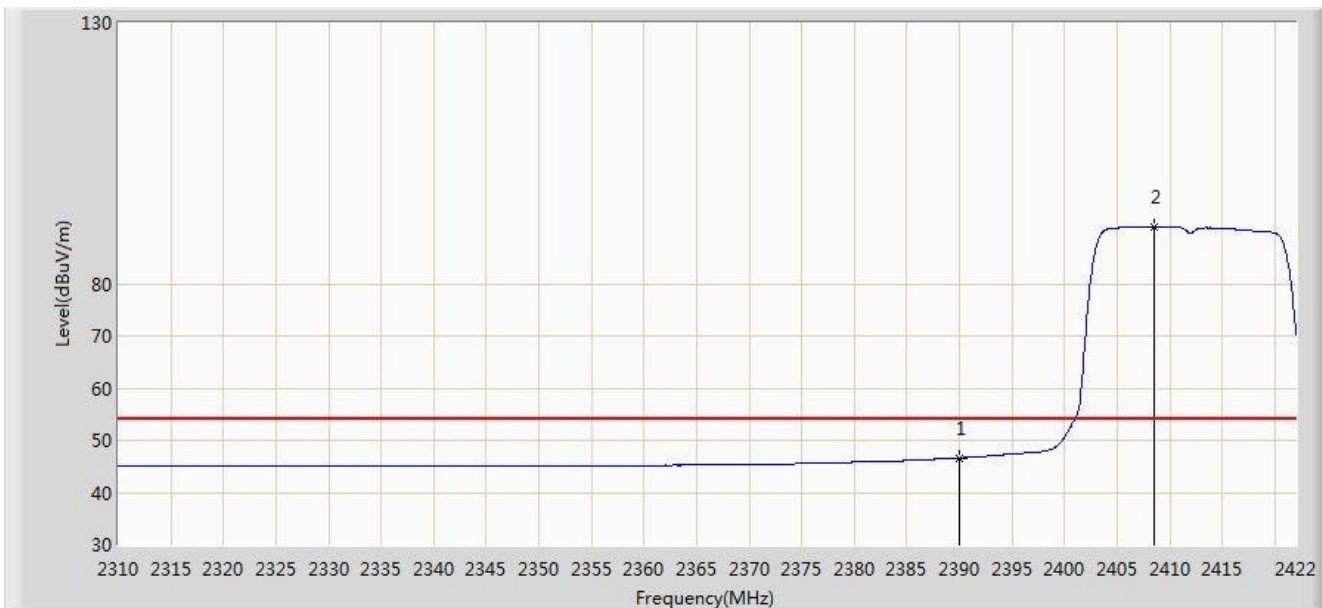


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.616	73.311	40.753	-0.689	74.000	32.558	PK
2			2390.000	72.232	39.678	-1.768	74.000	32.554	PK
3		*	2407.888	105.416	72.885	N/A	N/A	32.531	PK

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

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

Engineer: Kevin	
Site: AC1	Time: 2016/12/24 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 2	

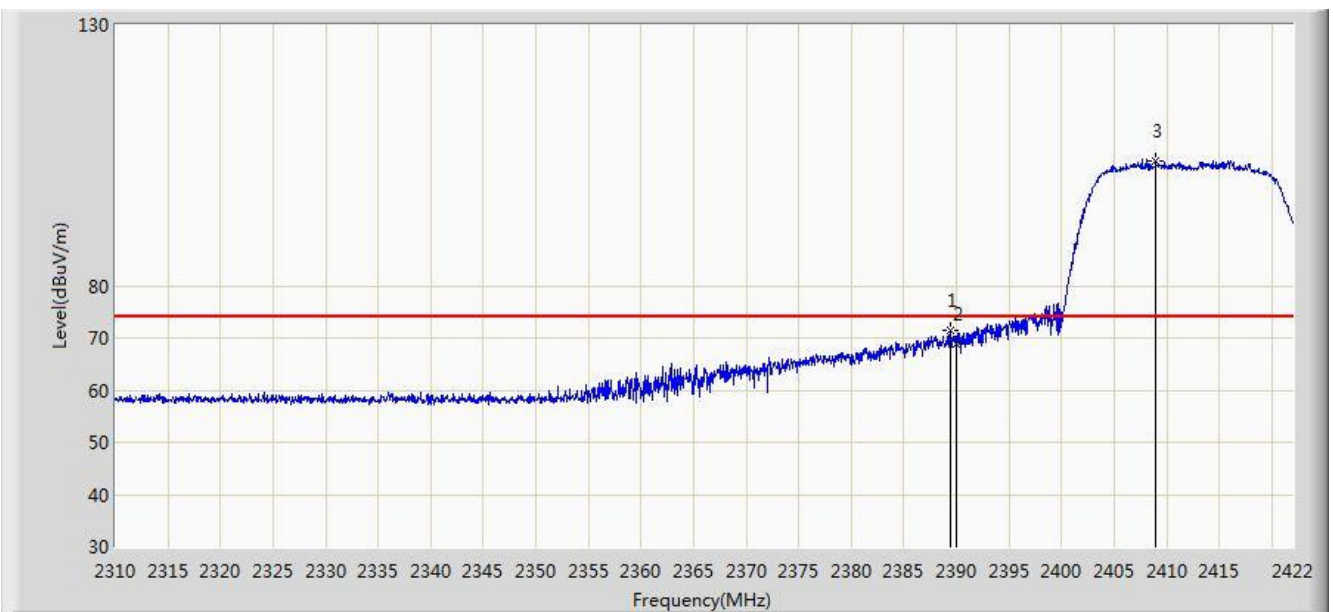


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.621	14.067	-7.379	54.000	32.554	AV
2		*	2408.504	90.821	58.291	N/A	N/A	32.530	AV

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: 2016/12/24 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 2	

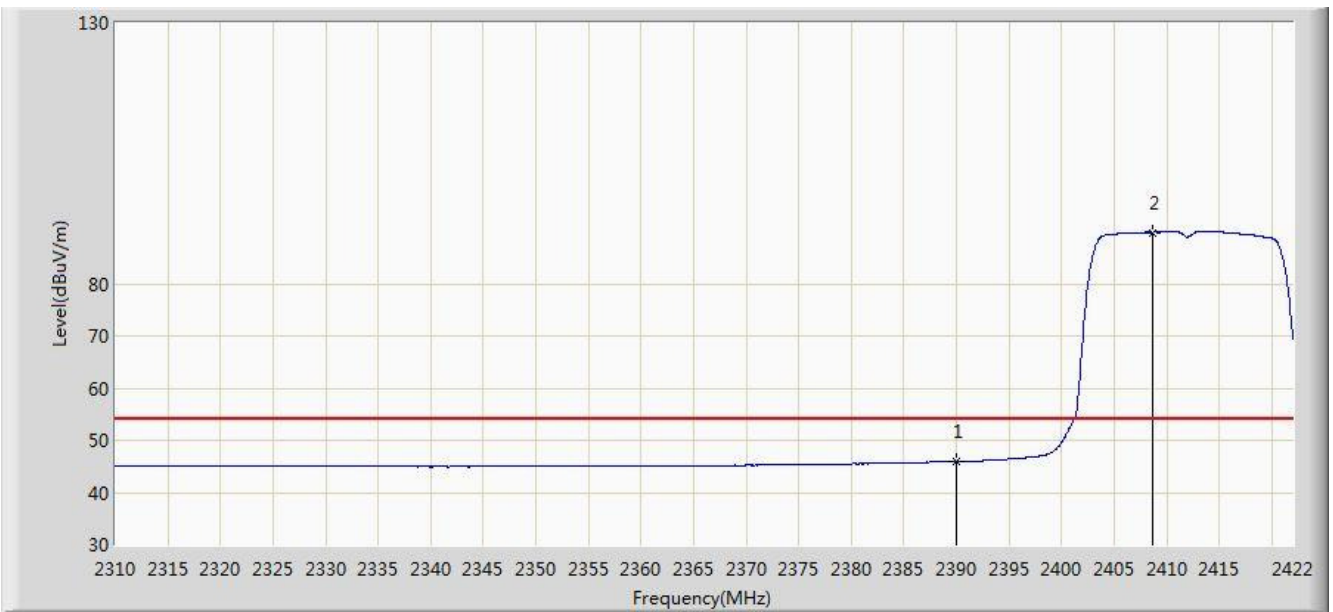


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.408	71.329	38.774	-2.671	74.000	32.555	PK
2			2390.000	68.793	36.239	-5.207	74.000	32.554	PK
3		*	2408.952	103.784	71.255	N/A	N/A	32.529	PK

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: 2016/12/24 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 2	

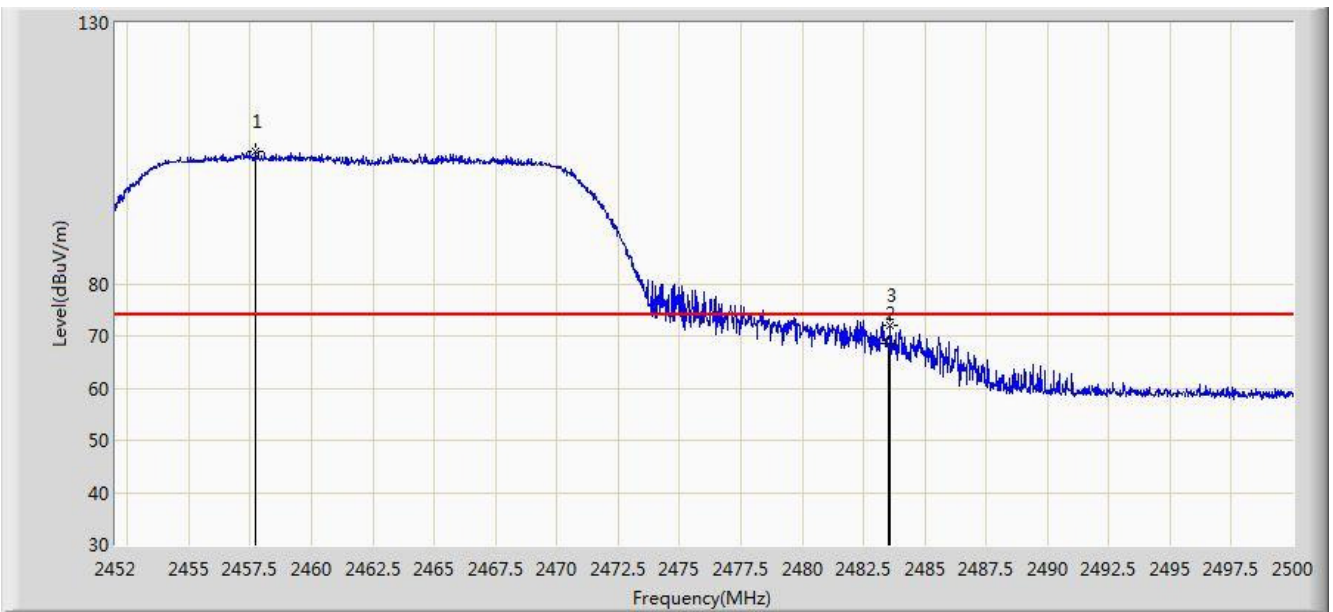


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.866	13.312	-8.134	54.000	32.554	AV
2		*	2408.728	89.854	57.324	N/A	N/A	32.530	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 2	

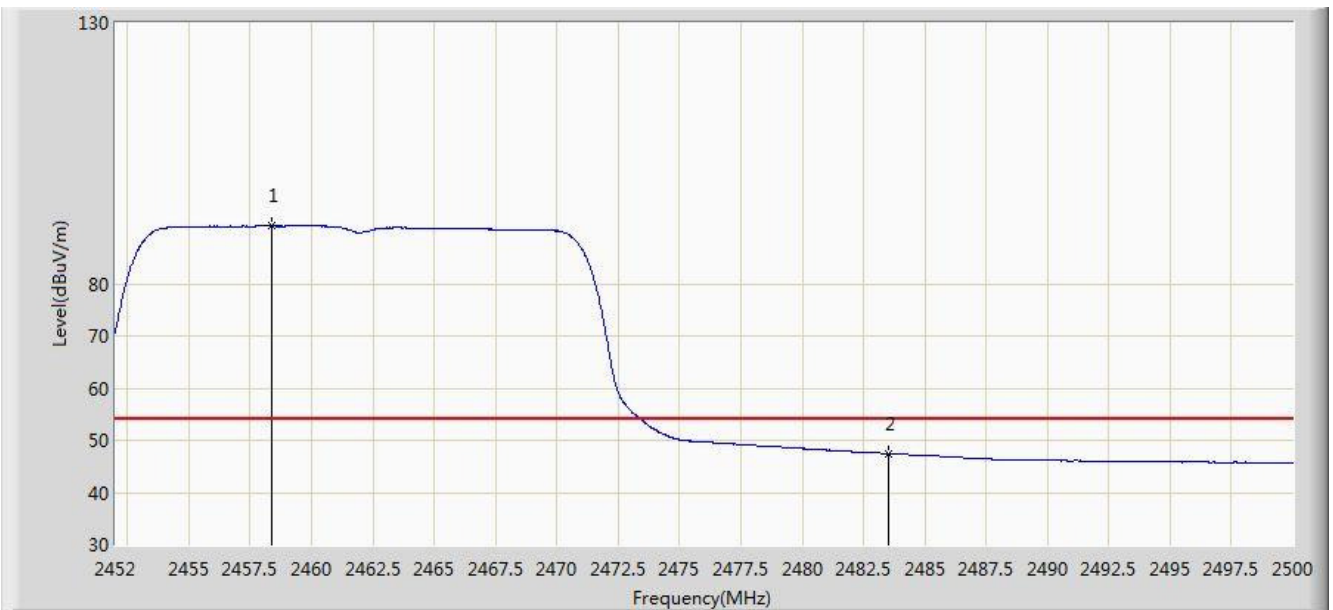


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.736	105.406	72.897	N/A	N/A	32.508	PK
2			2483.500	68.556	35.975	-5.444	74.000	32.580	PK
3			2483.584	72.090	39.509	-1.910	74.000	32.580	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 2	

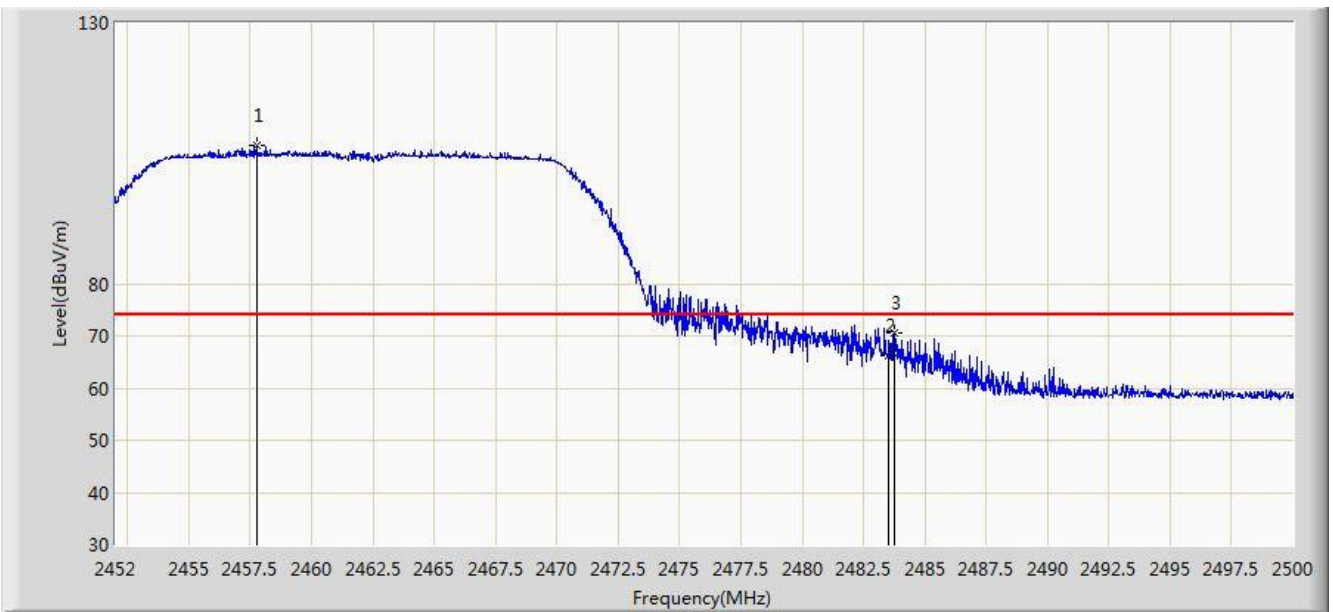


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.384	91.057	58.547	N/A	N/A	32.510	AV
2			2483.500	47.456	14.875	-6.544	54.000	32.580	AV

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: 2016/12/24 - 03:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 2	

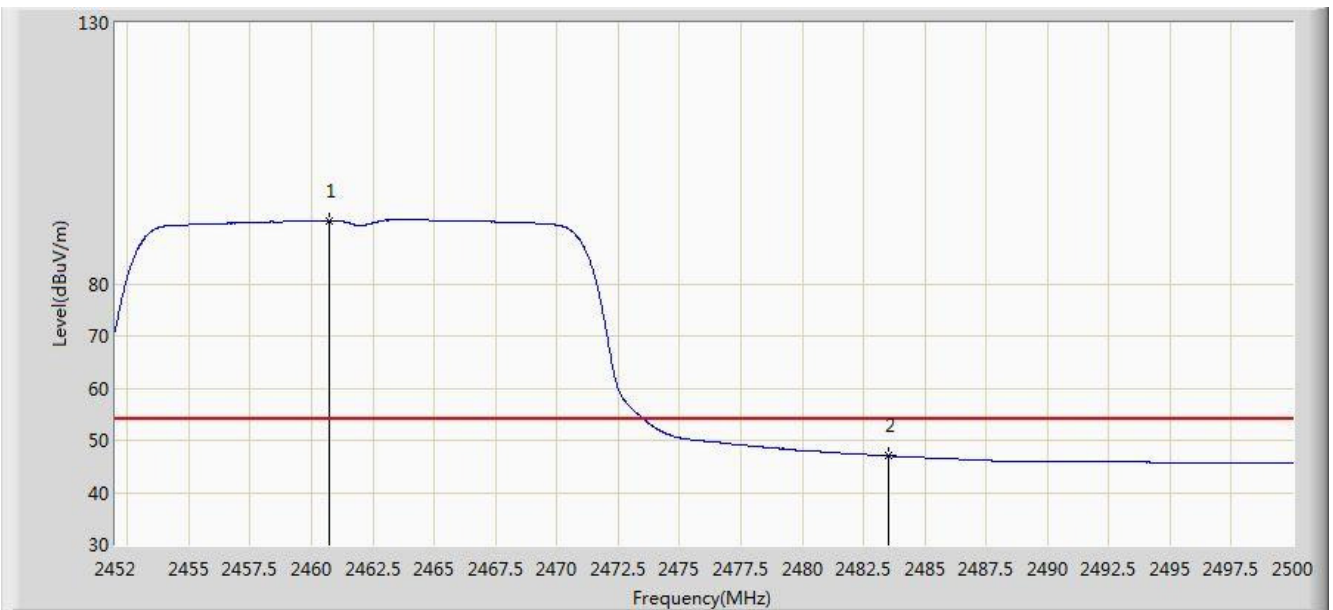


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.760	106.546	74.037	N/A	N/A	32.509	PK
2			2483.500	66.195	33.614	-7.805	74.000	32.580	PK
3			2483.776	70.629	38.048	-3.371	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 2	

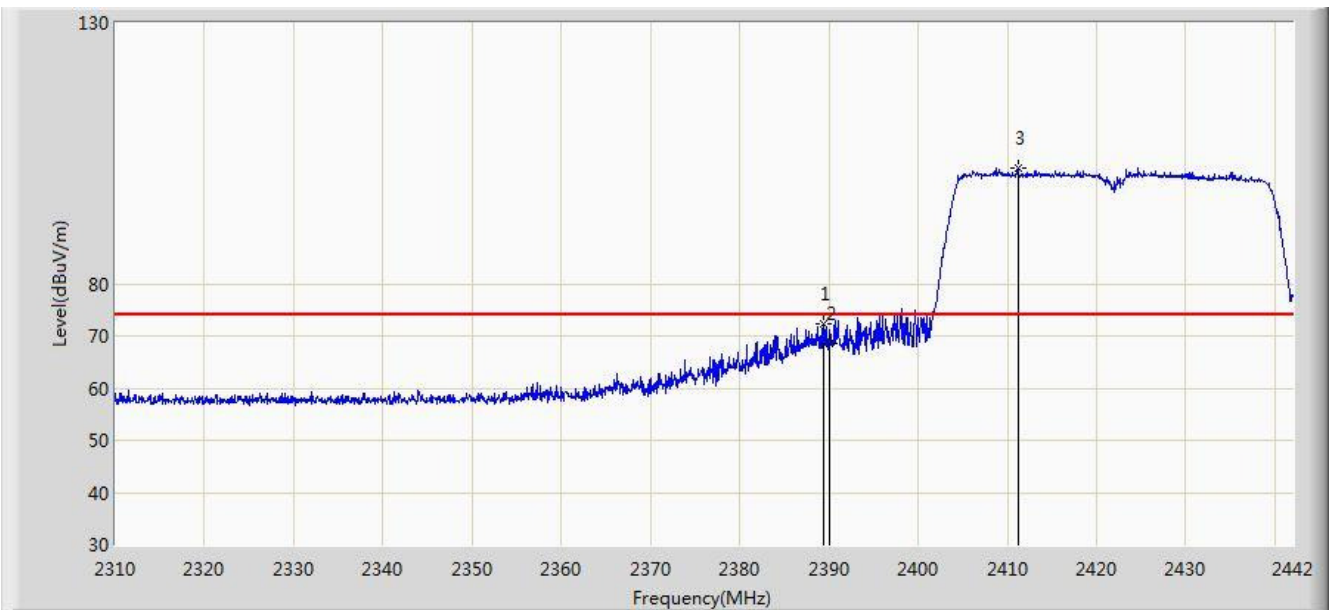


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	92.163	59.649	N/A	N/A	32.514	AV
2			2483.500	47.024	14.443	-6.976	54.000	32.580	AV

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: 2016/12/24 - 03:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 2	

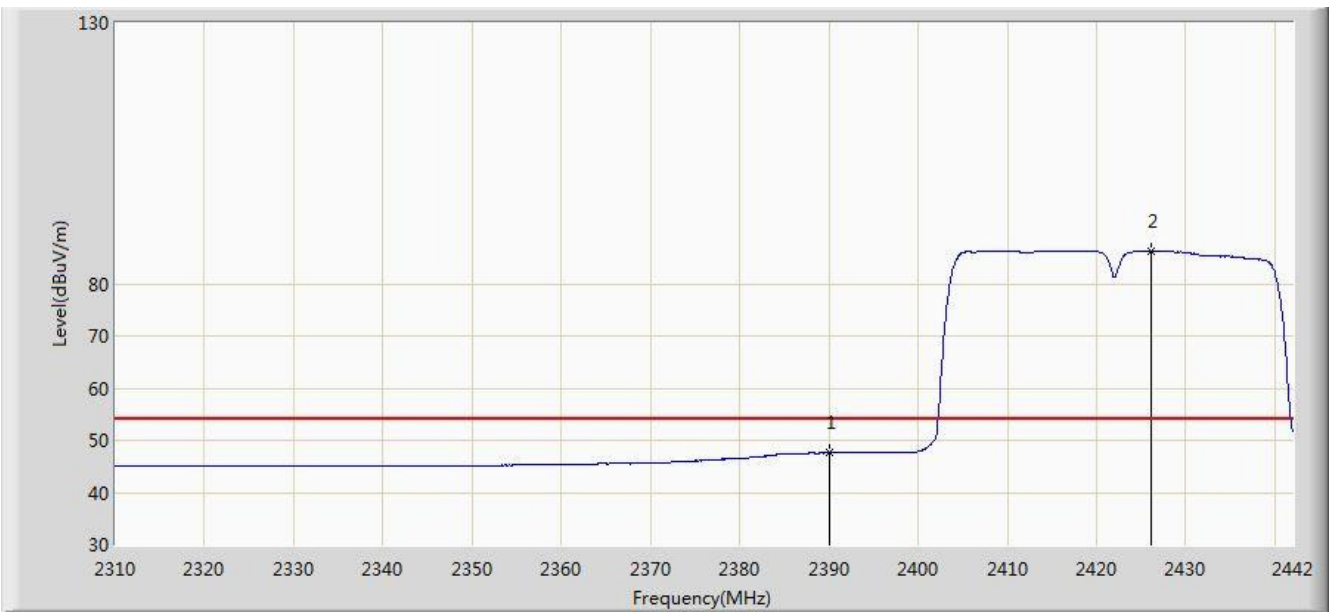


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.464	72.387	39.832	-1.613	74.000	32.555	PK
2			2390.000	68.689	36.135	-5.311	74.000	32.554	PK
3		*	2411.178	102.166	69.639	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 2	

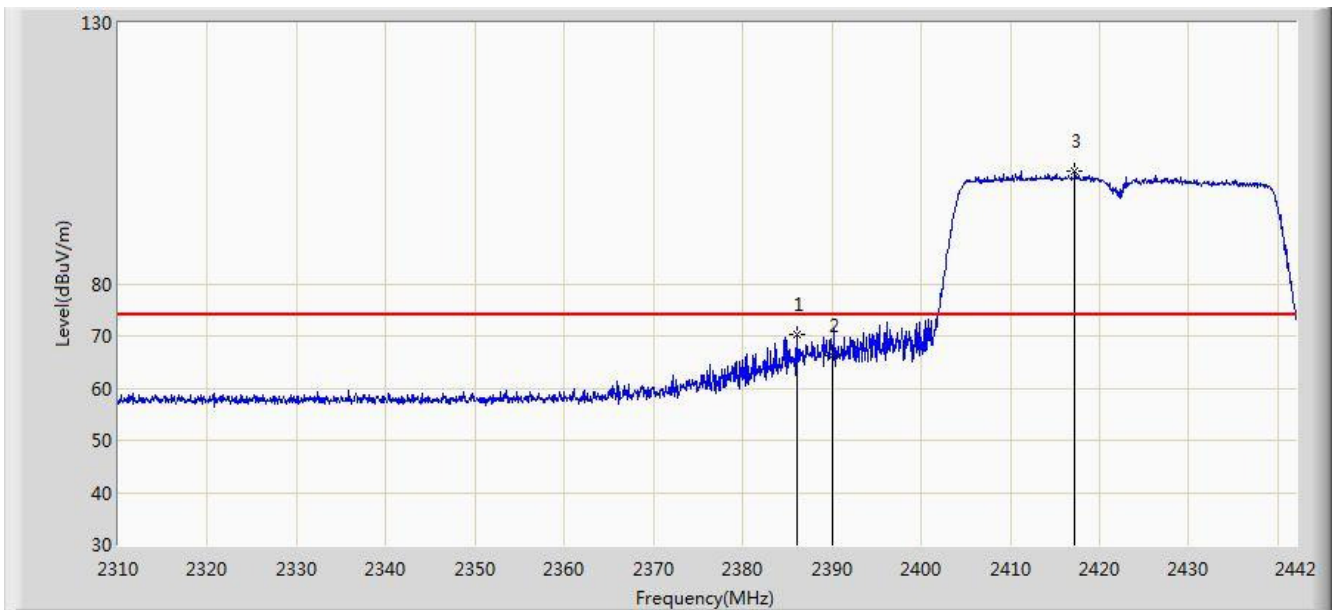


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.591	15.037	-6.409	54.000	32.554	AV
2		*	2426.094	86.233	53.724	N/A	N/A	32.509	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 2	

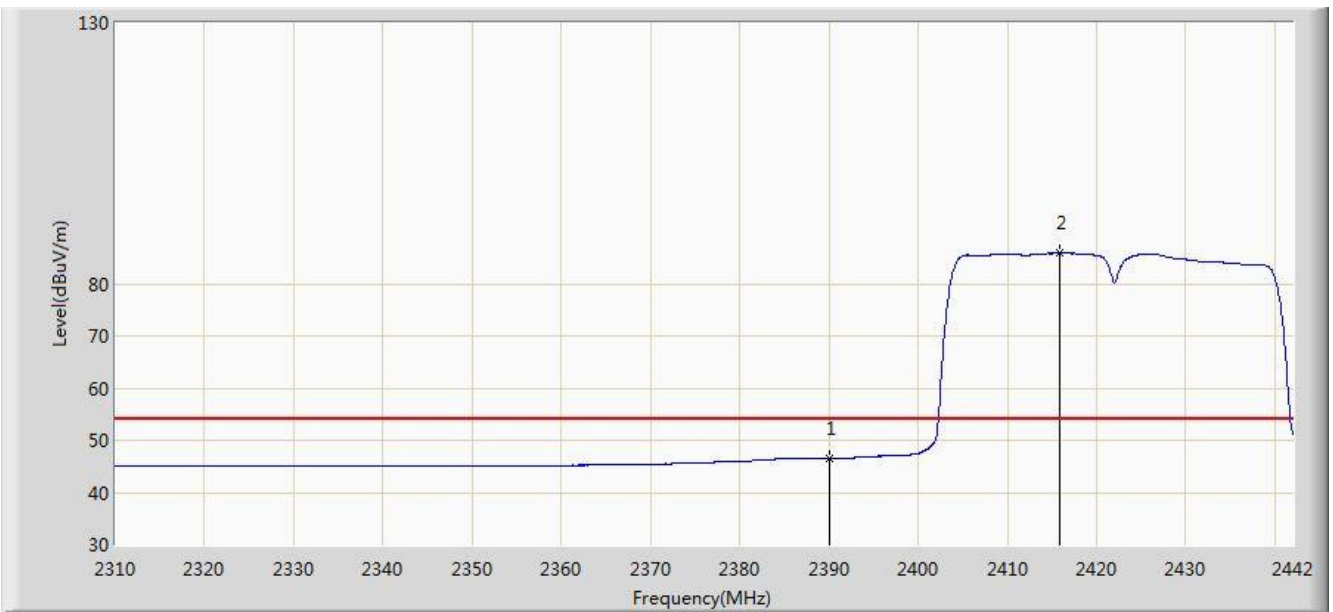


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.032	70.294	37.734	-3.706	74.000	32.560	PK
2			2390.000	66.182	33.628	-7.818	74.000	32.554	PK
3		*	2417.250	101.503	68.984	N/A	N/A	32.519	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 2	

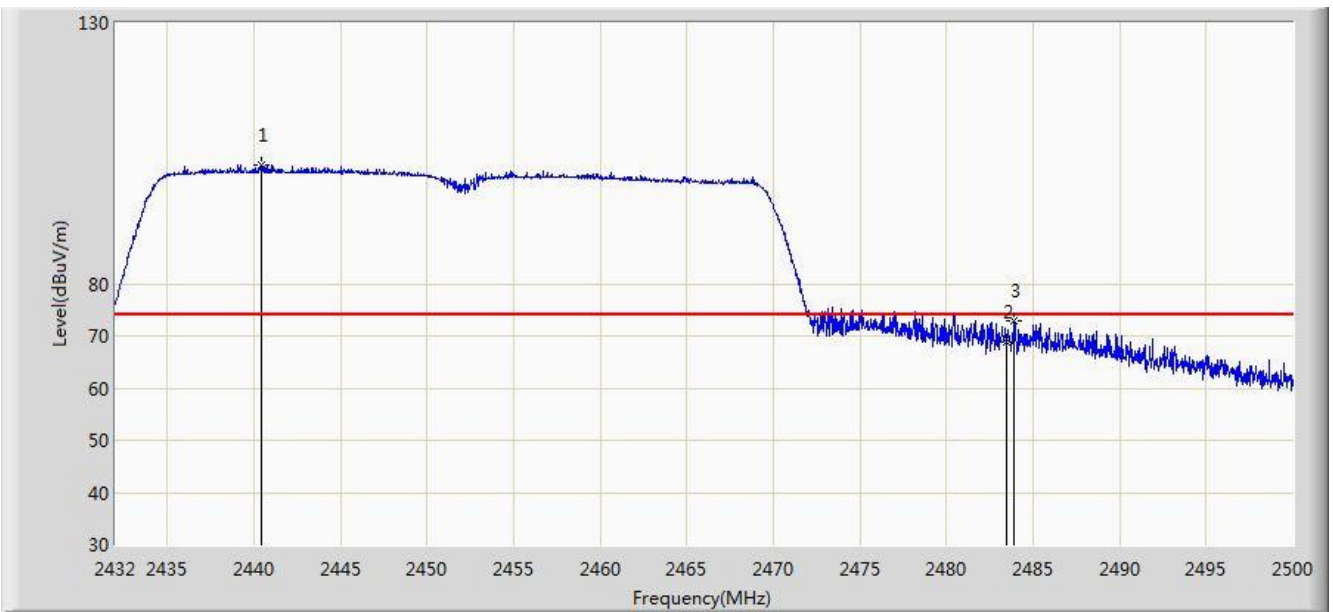


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.455	13.901	-7.545	54.000	32.554	AV
2		*	2415.864	85.885	53.364	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 2	

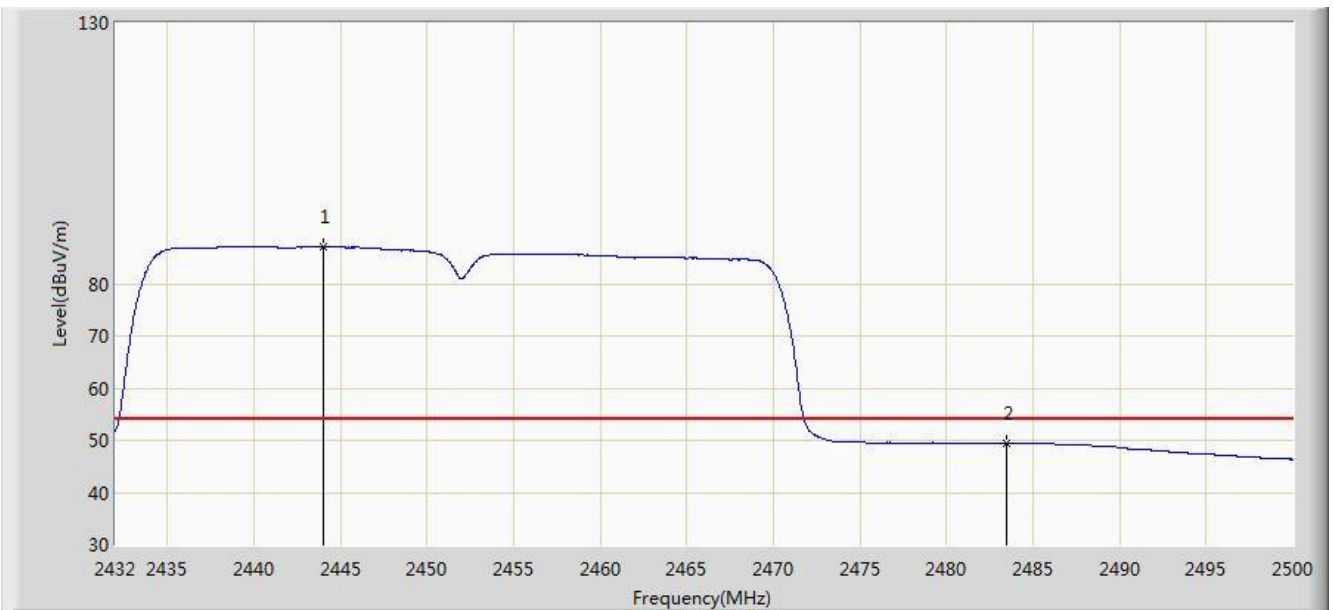


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2440.432	102.751	70.259	N/A	N/A	32.492	PK
2			2483.500	68.799	36.218	-5.201	74.000	32.580	PK
3			2483.918	72.950	40.368	-1.050	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 2	

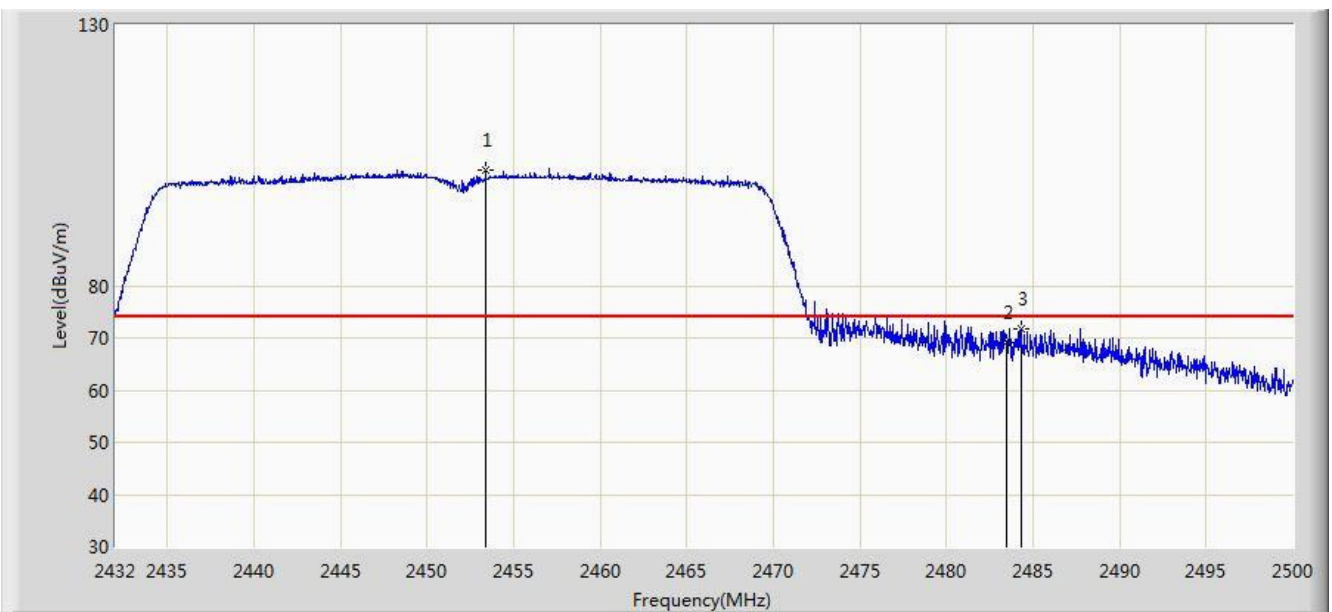


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.002	86.999	54.511	N/A	N/A	32.487	AV
2			2483.500	49.456	16.875	-4.544	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 2	

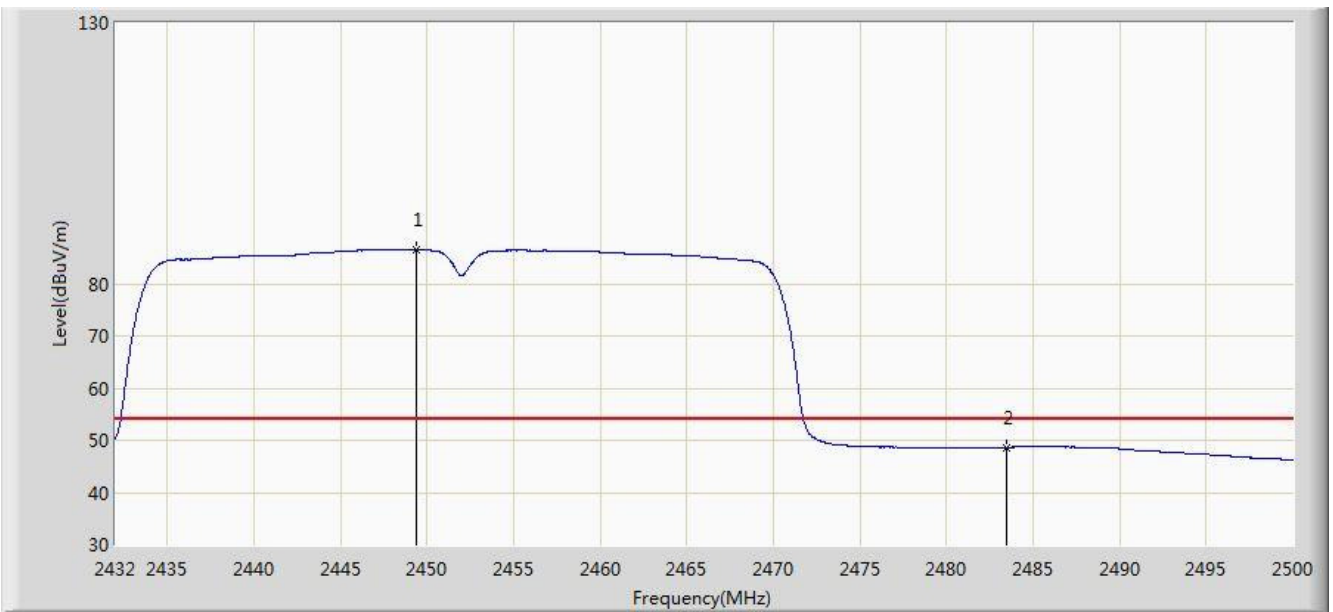


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.386	102.239	69.738	N/A	N/A	32.501	PK
2			2483.500	68.998	36.417	-5.002	74.000	32.580	PK
3			2484.326	71.689	39.106	-2.311	74.000	32.583	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 2	



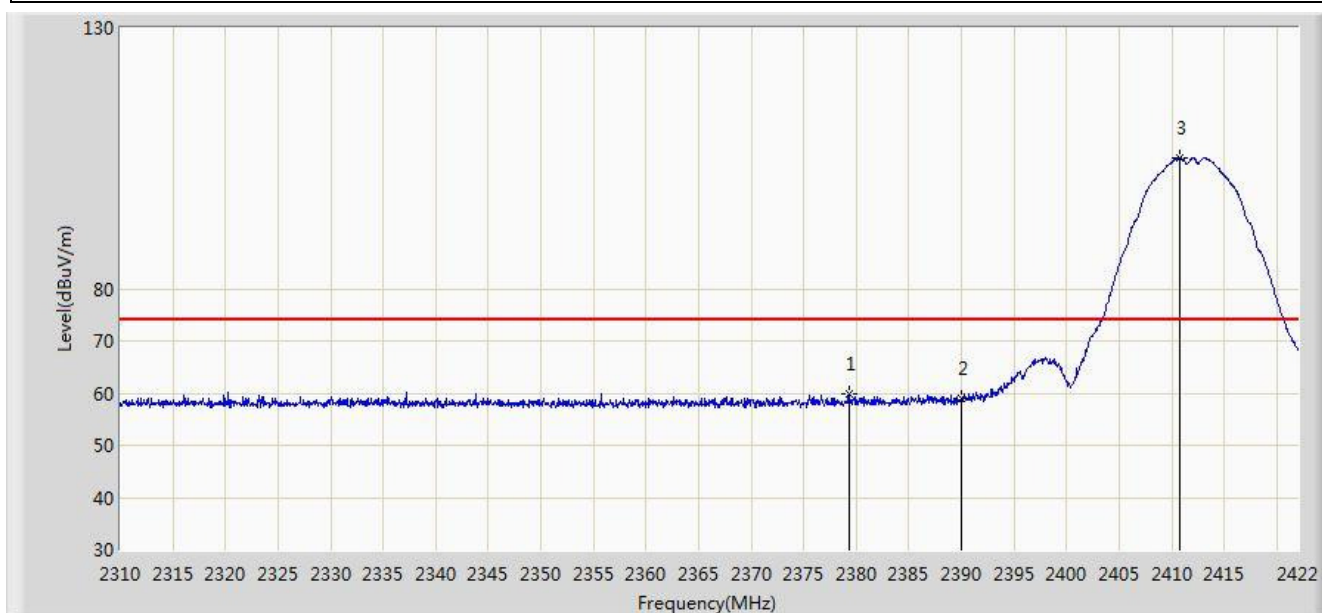
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.408	86.566	54.072	N/A	N/A	32.495	AV
2			2483.500	48.649	16.068	-5.351	54.000	32.580	AV

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

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

CDD Mode

Site: AC1	Time: 2016/12/24 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1 + 2	

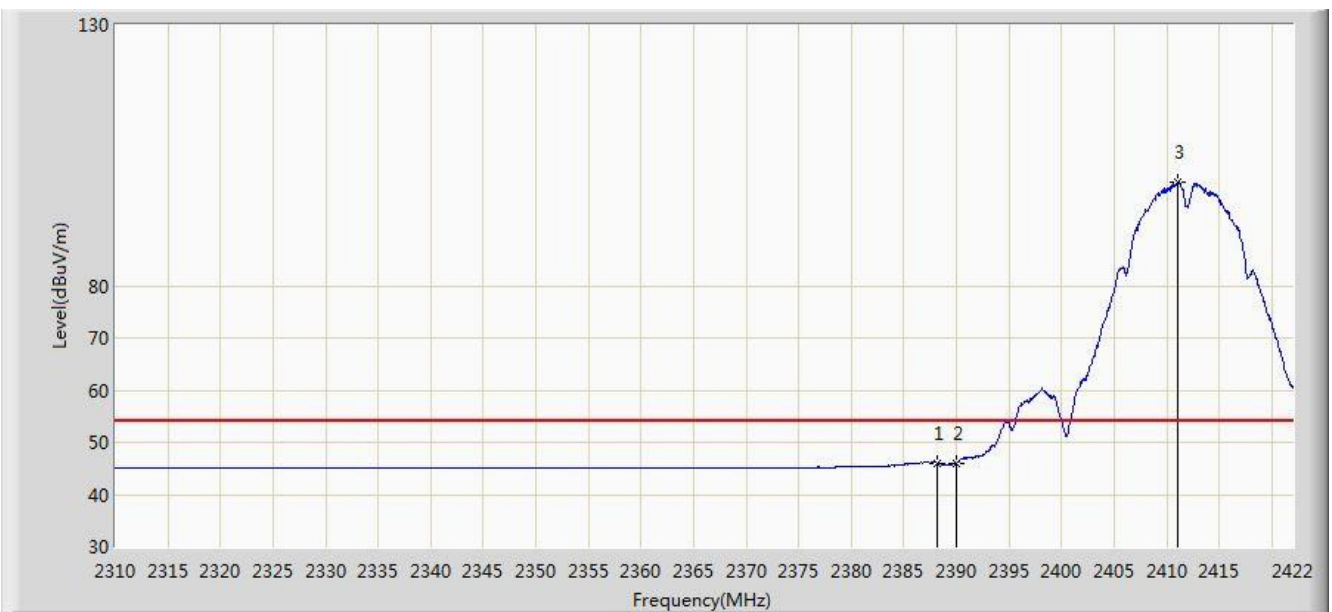


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.272	59.822	27.253	-14.178	74.000	32.569	PK
2			2390.000	59.033	26.479	-14.967	74.000	32.554	PK
3		*	2410.800	105.069	72.542	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1 + 2	

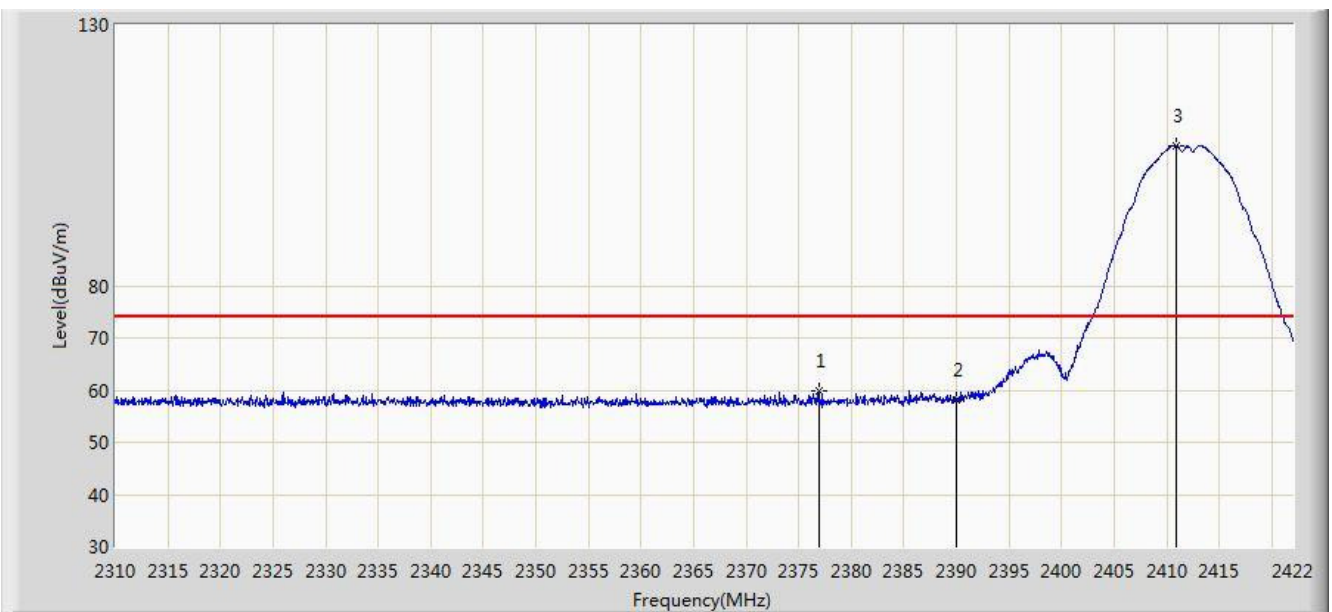


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.176	46.067	13.510	-7.933	54.000	32.557	AV
2			2390.000	46.034	13.480	-7.966	54.000	32.554	AV
3		*	2411.024	99.810	67.283	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1 + 2	

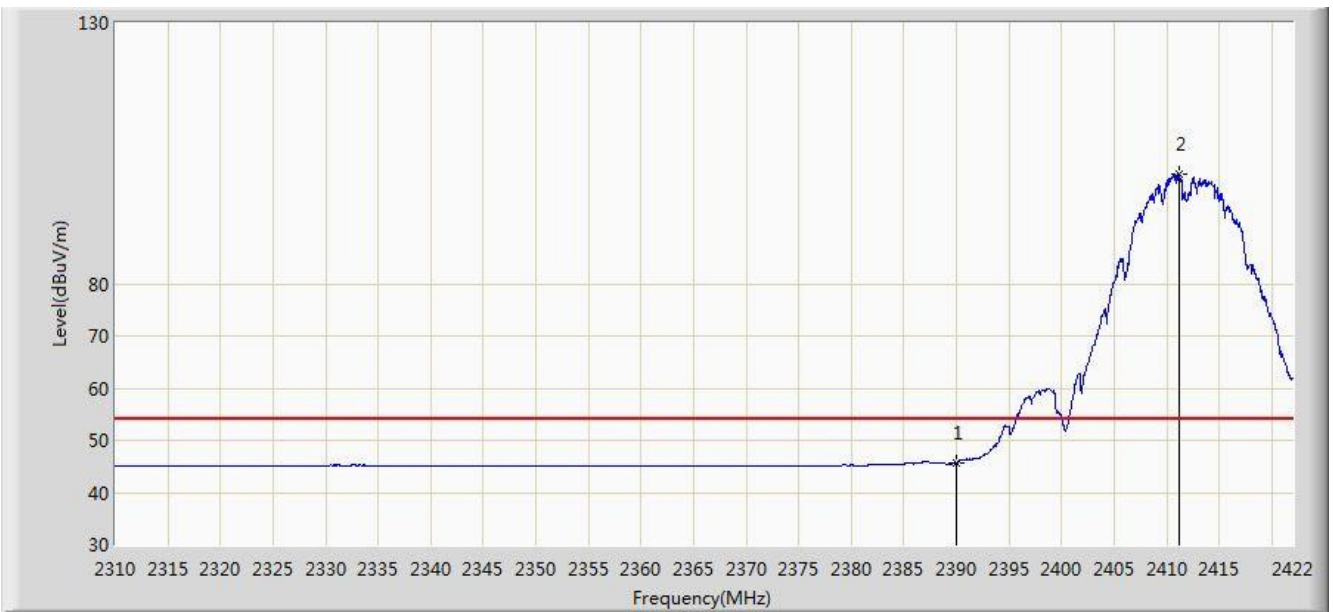


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.920	59.954	27.382	-14.046	74.000	32.572	PK
2			2390.000	58.215	25.661	-15.785	74.000	32.554	PK
3		*	2410.968	106.801	74.274	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 1 + 2	

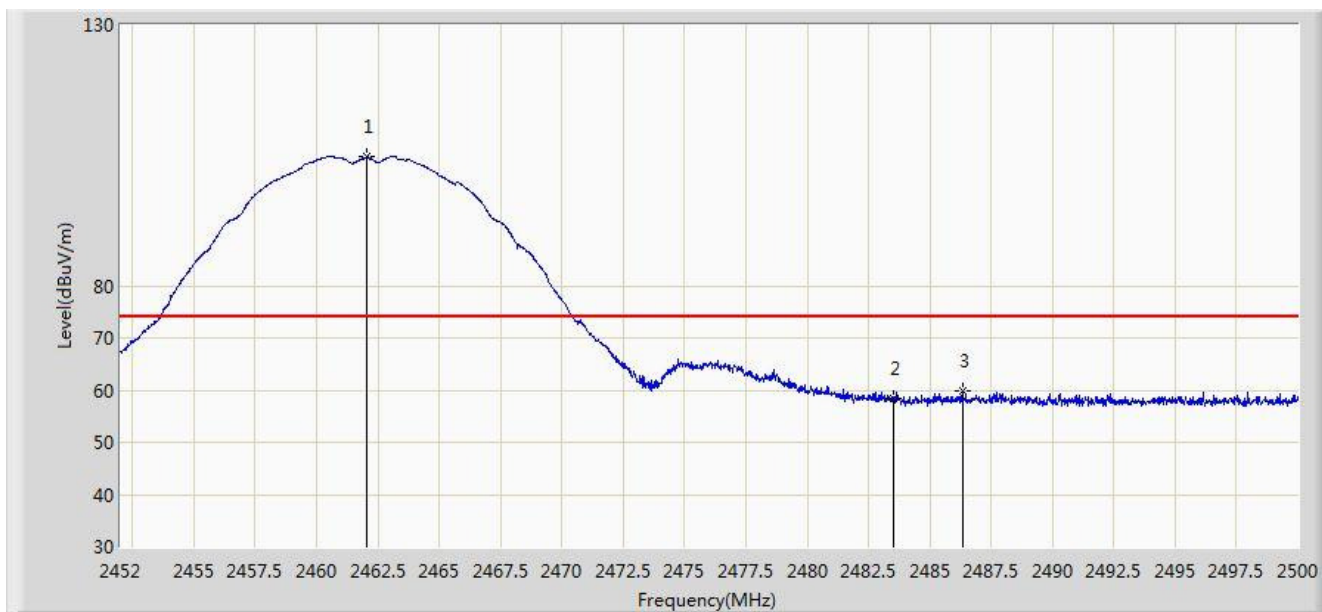


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.702	13.148	-8.298	54.000	32.554	AV
2		*	2411.248	101.092	68.565	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.032	104.817	72.301	N/A	N/A	32.516	PK
2			2483.500	58.442	25.861	-15.558	74.000	32.580	PK
3			2486.320	59.852	27.263	-14.148	74.000	32.589	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: 2016/12/24 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1 + 2	

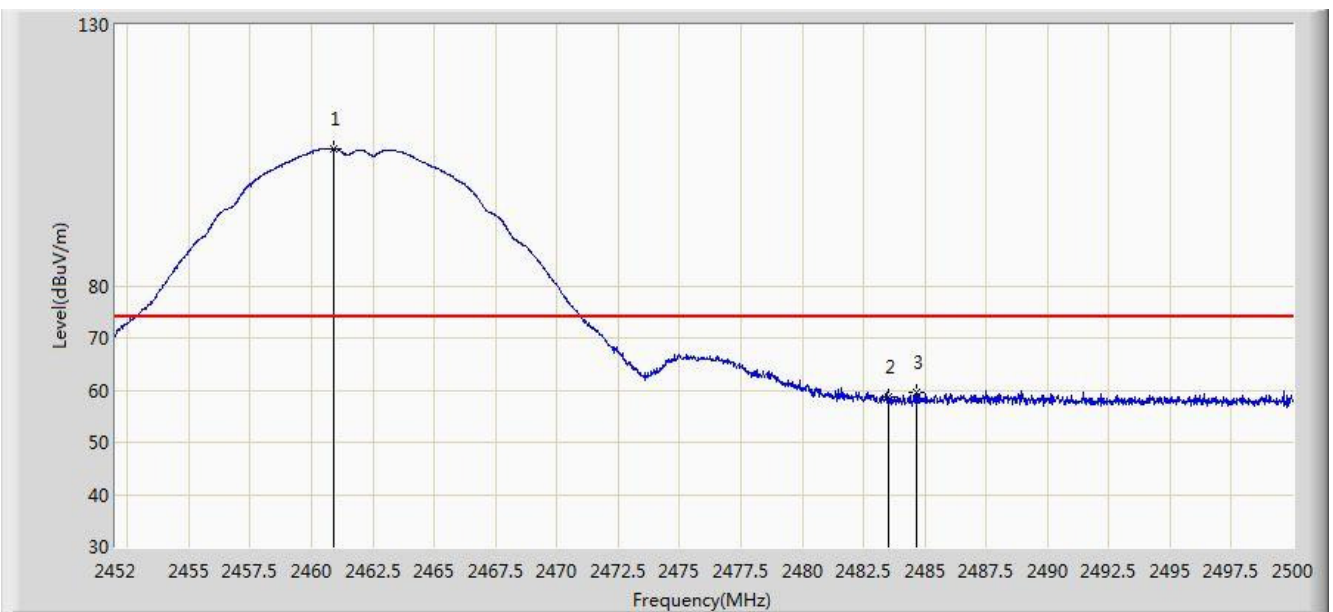


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	99.149	66.634	N/A	N/A	32.515	AV
2			2483.500	46.069	13.488	-7.931	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 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	106.278	73.764	N/A	N/A	32.514	PK
2			2483.500	58.758	26.177	-15.242	74.000	32.580	PK
3			2484.640	59.459	26.875	-14.541	74.000	32.584	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 1 + 2	

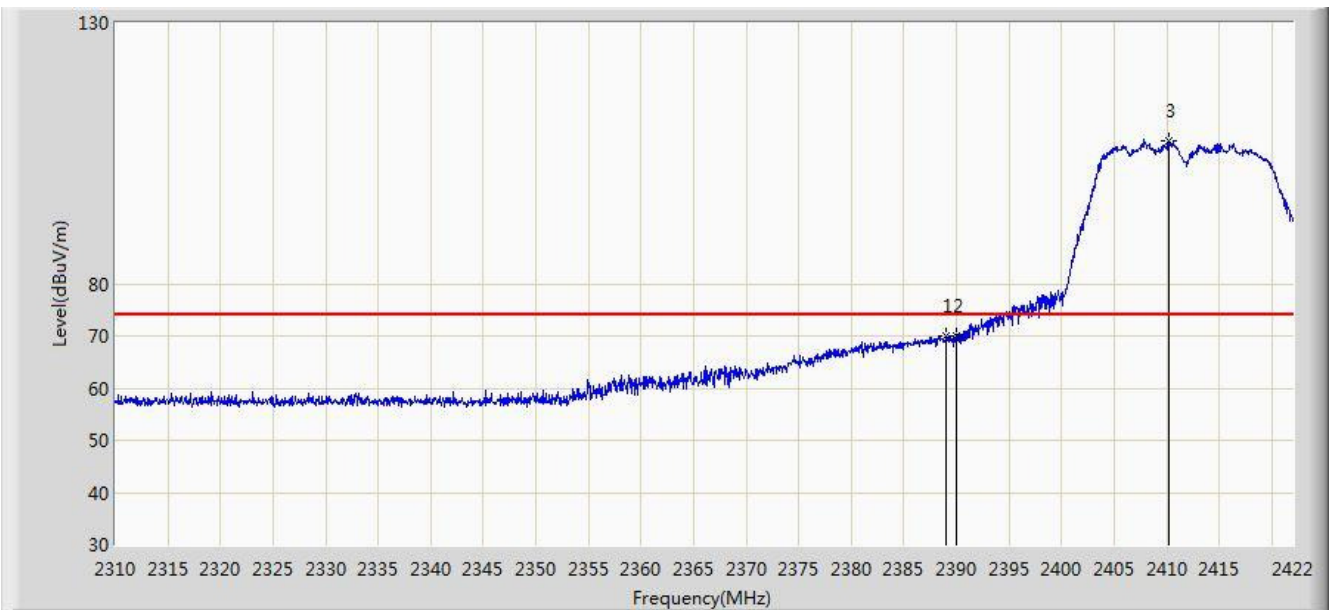


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.192	100.981	68.466	N/A	N/A	32.515	AV
2			2483.500	45.970	13.389	-8.030	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1 + 2	

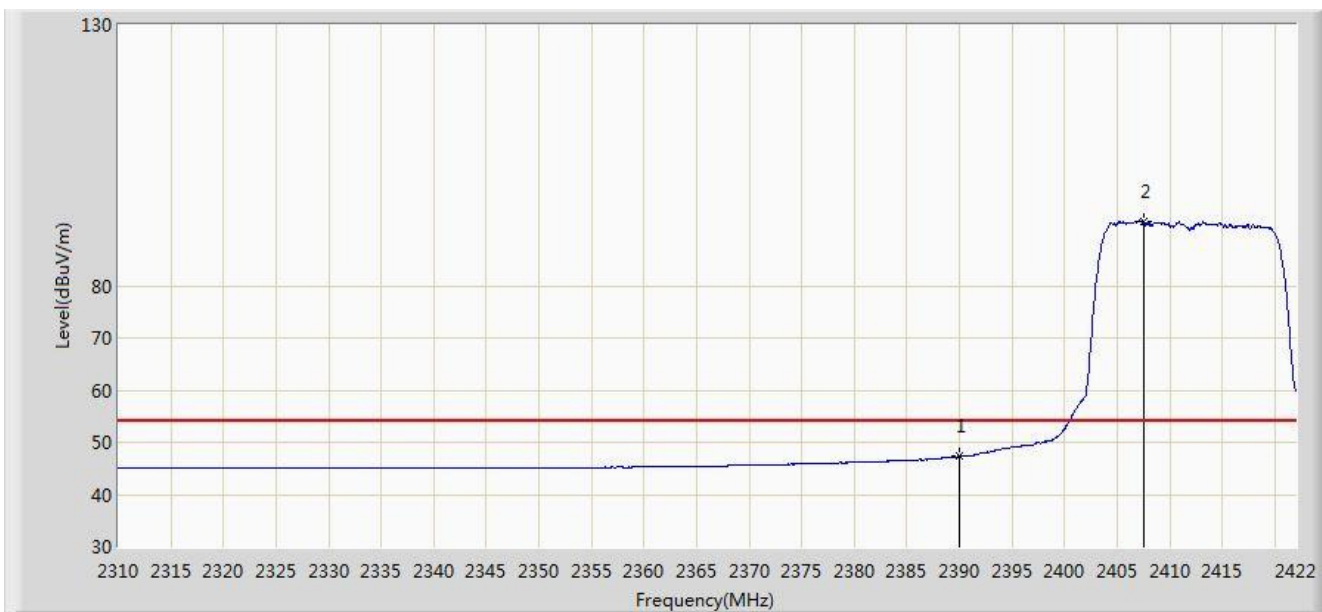


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	70.105	37.549	-3.895	74.000	32.556	PK
2			2390.000	69.946	37.392	-4.054	74.000	32.554	PK
3		*	2410.184	107.426	74.898	N/A	N/A	32.528	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1 + 2	

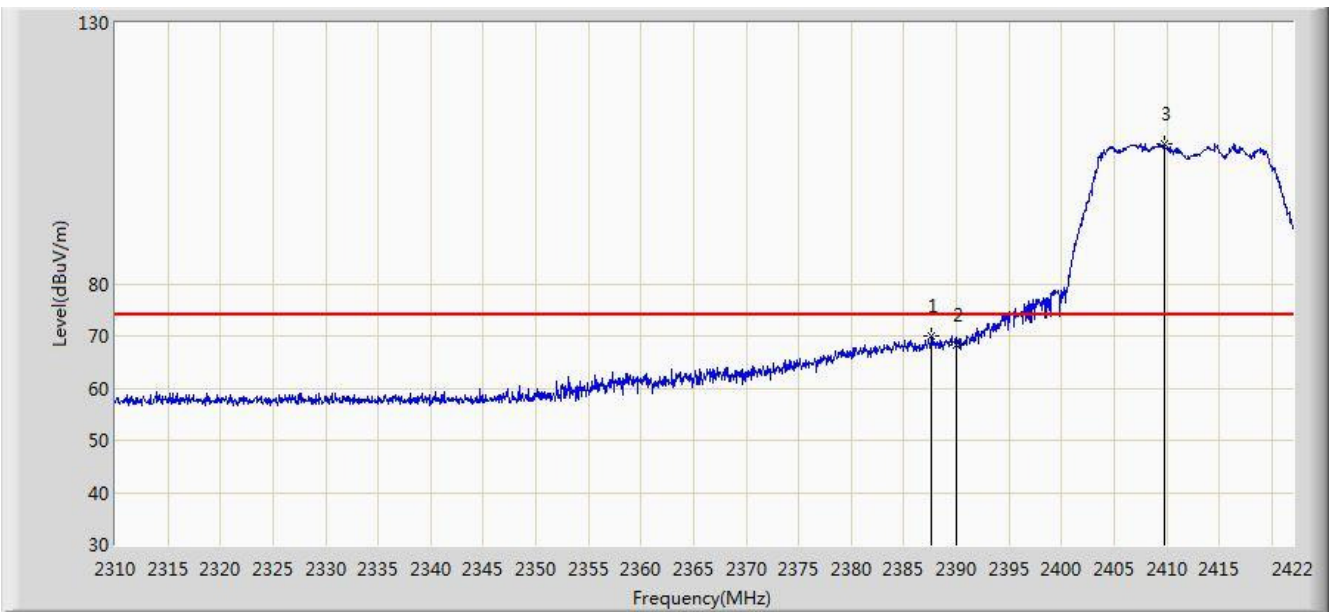


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.288	14.734	-6.712	54.000	32.554	AV
2		*	2407.552	92.312	59.781	N/A	N/A	32.532	AV

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: 2016/12/24 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1 + 2	

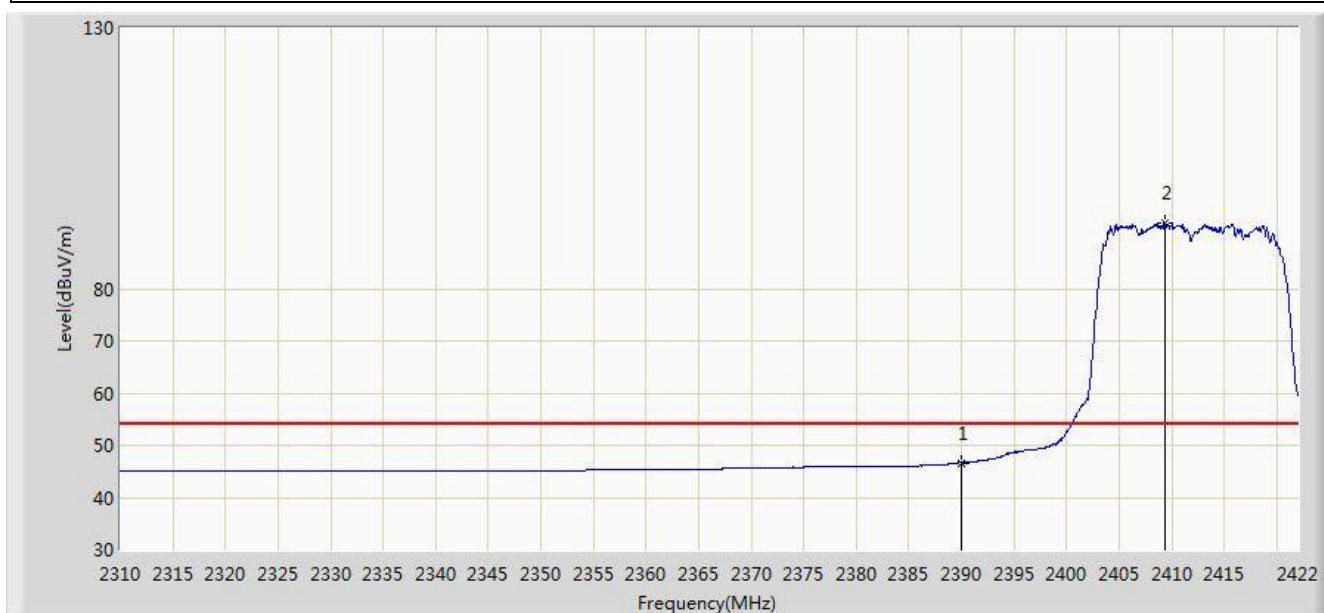


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.616	70.097	37.539	-3.903	74.000	32.558	PK
2			2390.000	68.363	35.809	-5.637	74.000	32.554	PK
3		*	2409.736	106.950	74.422	N/A	N/A	32.528	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 1 + 2	

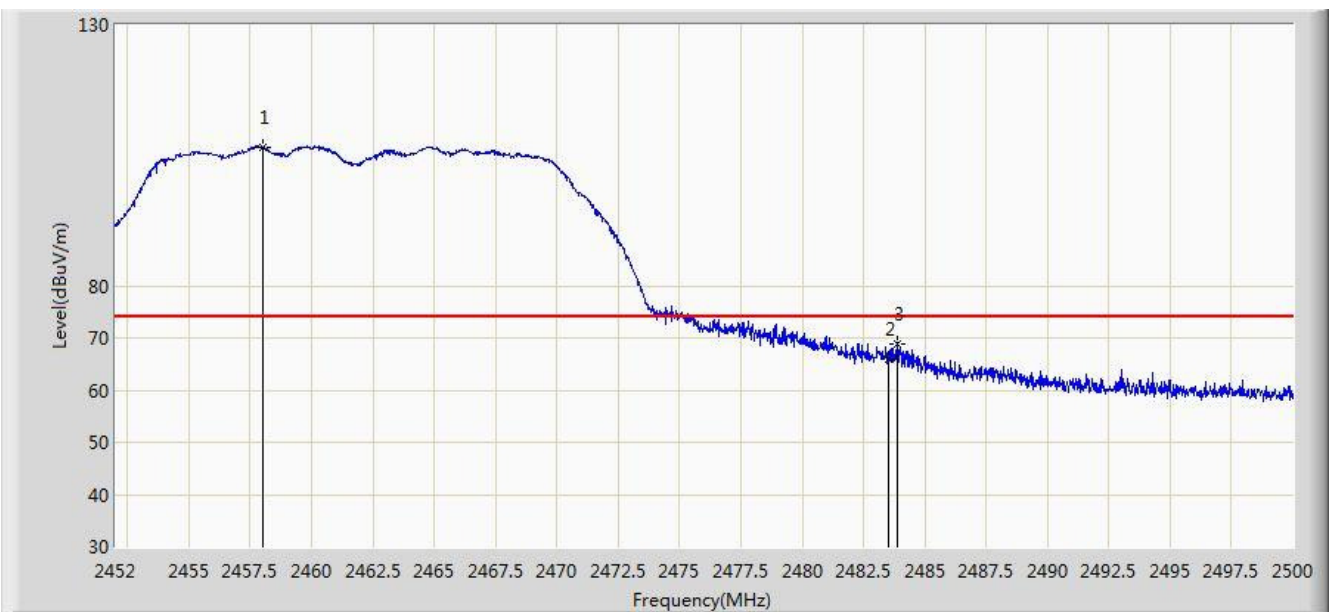


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.653	14.099	-7.347	54.000	32.554	AV
2		*	2409.344	92.678	60.149	N/A	N/A	32.529	AV

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: 2016/12/24 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1 + 2	

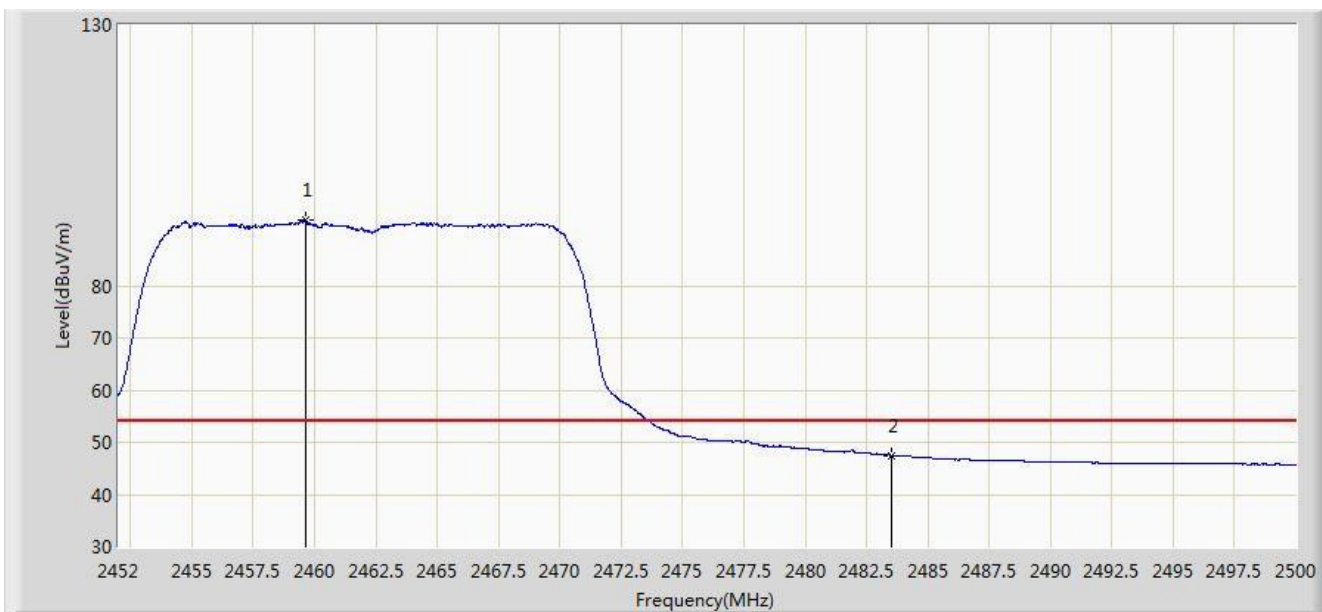


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.024	106.560	74.051	N/A	N/A	32.510	PK
2			2483.500	66.057	33.476	-7.943	74.000	32.580	PK
3			2483.872	68.985	36.403	-5.015	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1 + 2	

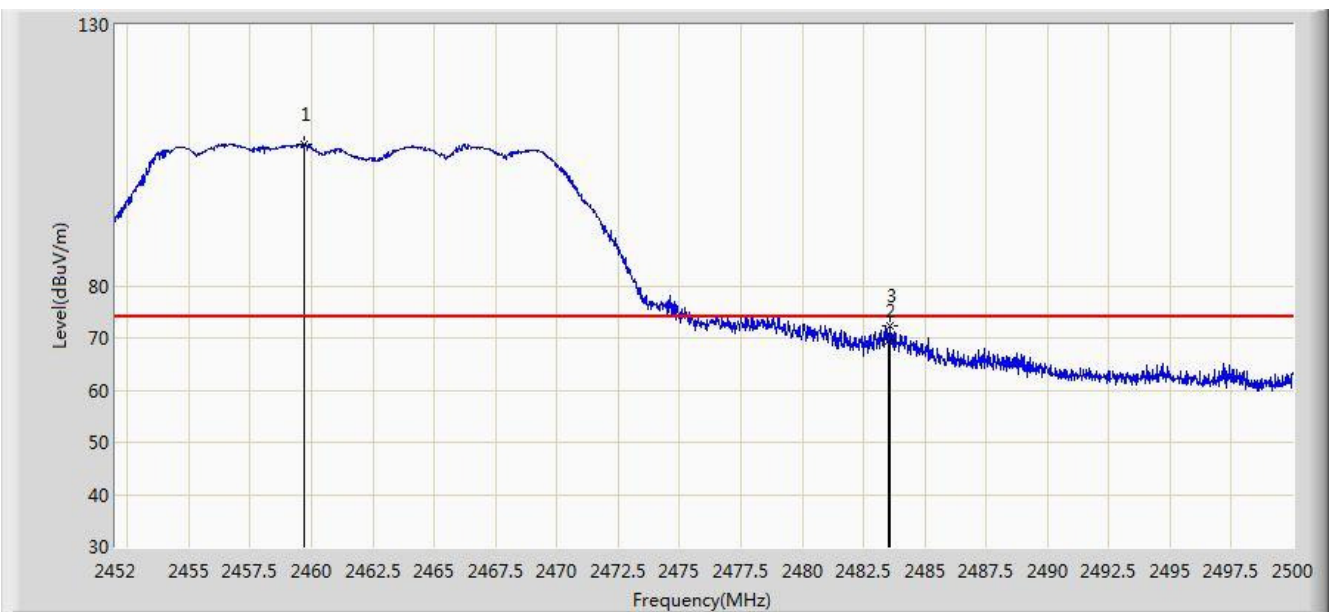


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.656	92.698	60.186	N/A	N/A	32.513	AV
2			2483.500	47.469	14.888	-6.531	54.000	32.580	AV

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: 2016/12/24 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1 + 2	

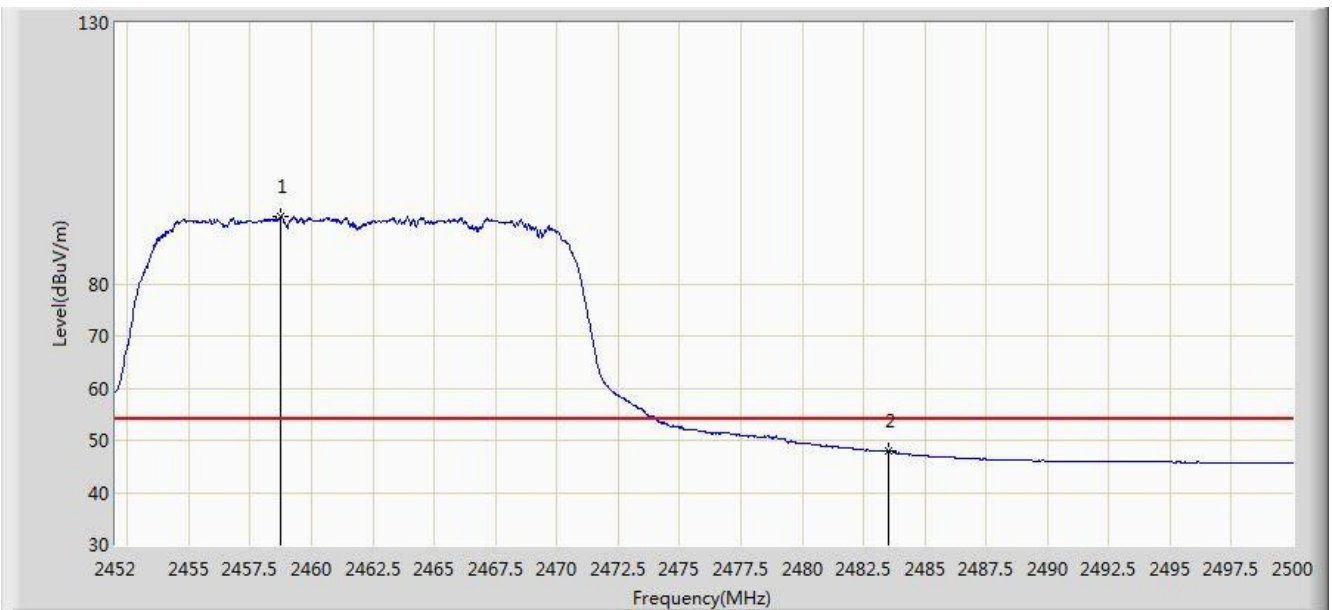


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.728	107.107	74.595	N/A	N/A	32.513	PK
2			2483.500	69.344	36.763	-4.656	74.000	32.580	PK
3			2483.608	72.235	39.654	-1.765	74.000	32.581	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 1 + 2	

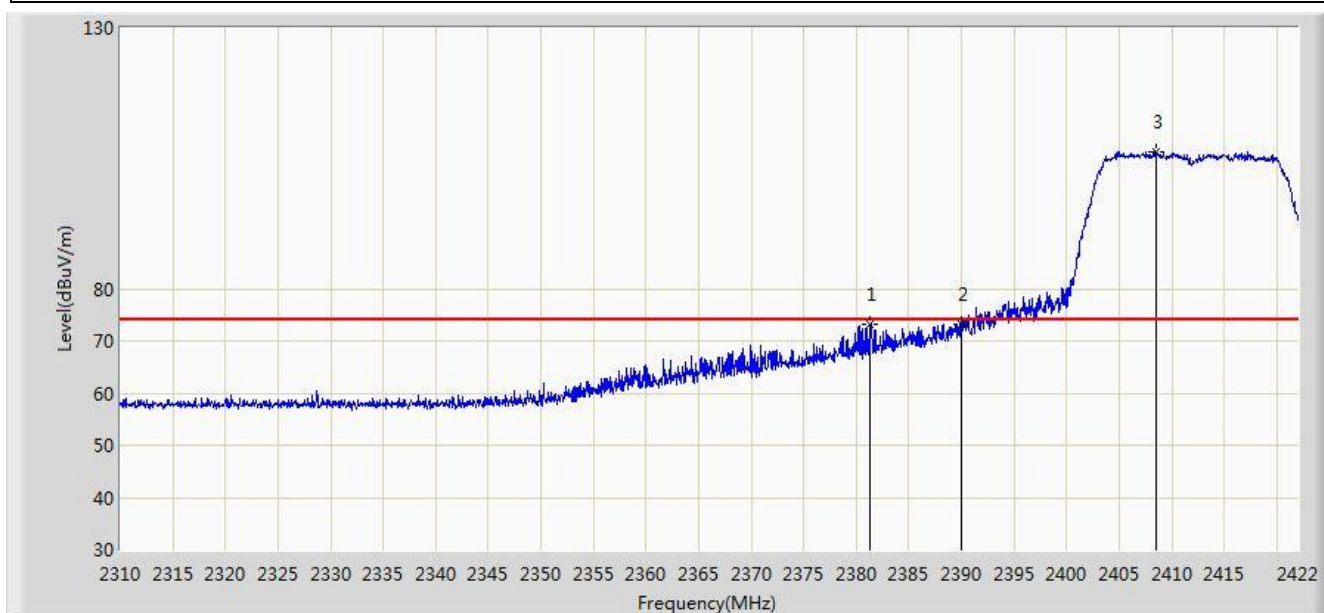


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.744	92.996	60.485	N/A	N/A	32.511	AV
2			2483.500	47.899	15.318	-6.101	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1 + 2	

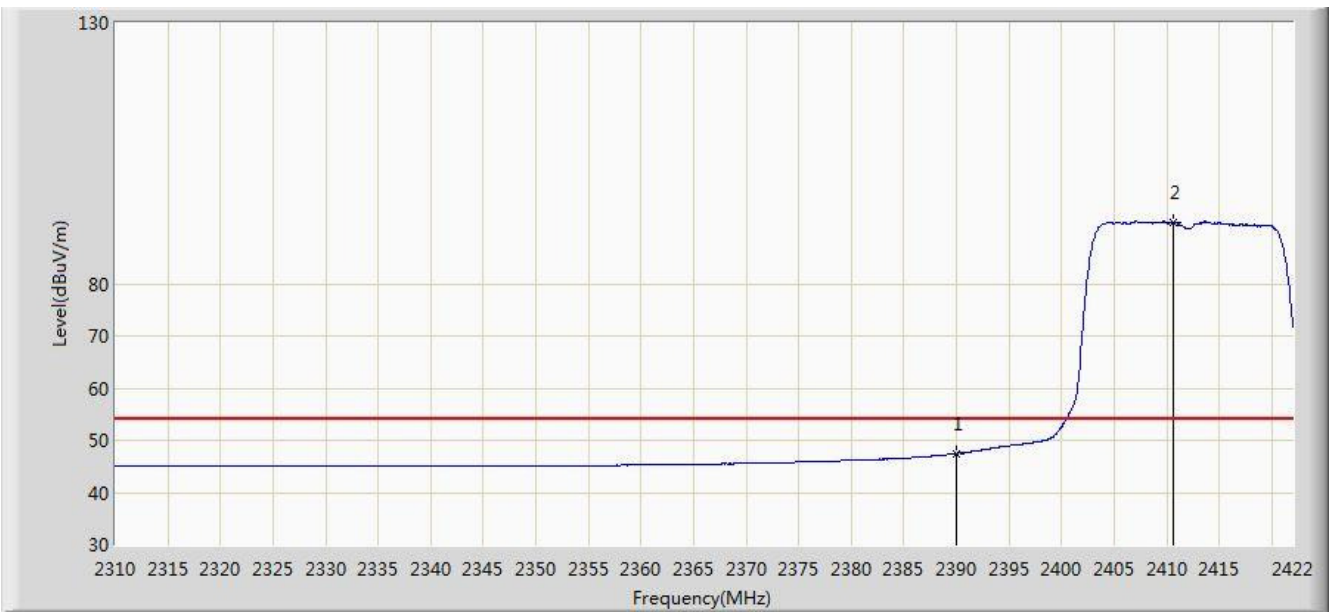


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.232	73.169	40.603	-0.831	74.000	32.566	PK
2			2390.000	73.245	40.691	-0.755	74.000	32.554	PK
3		*	2408.504	106.293	73.763	N/A	N/A	32.530	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1 + 2	

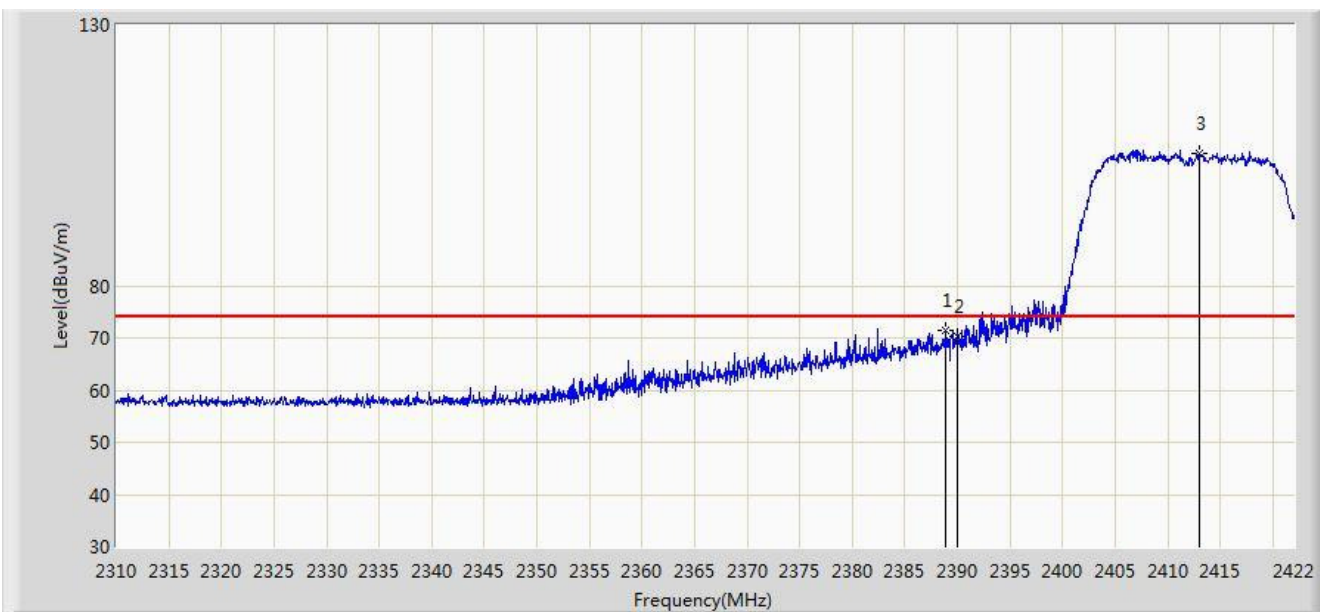


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.497	14.943	-6.503	54.000	32.554	AV
2		*	2410.576	91.654	59.127	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2016/12/24 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1 + 2	

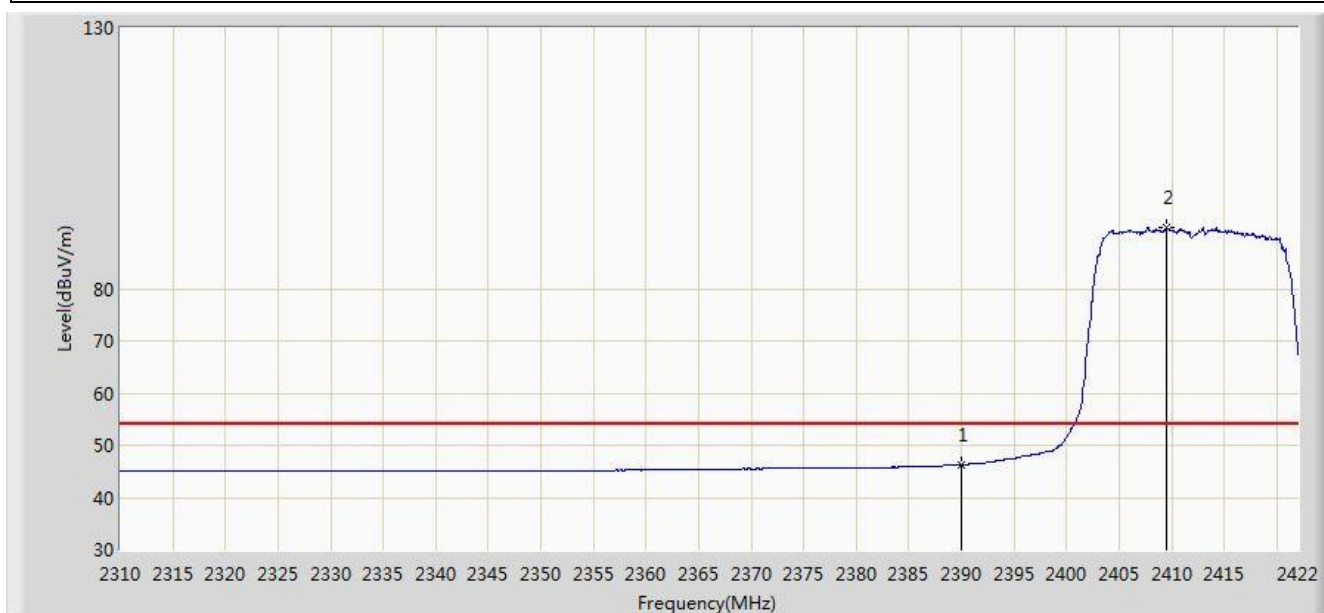


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.904	71.457	38.901	-2.543	74.000	32.556	PK
2			2390.000	70.416	37.862	-3.584	74.000	32.554	PK
3		*	2412.984	105.339	72.815	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 1 + 2	

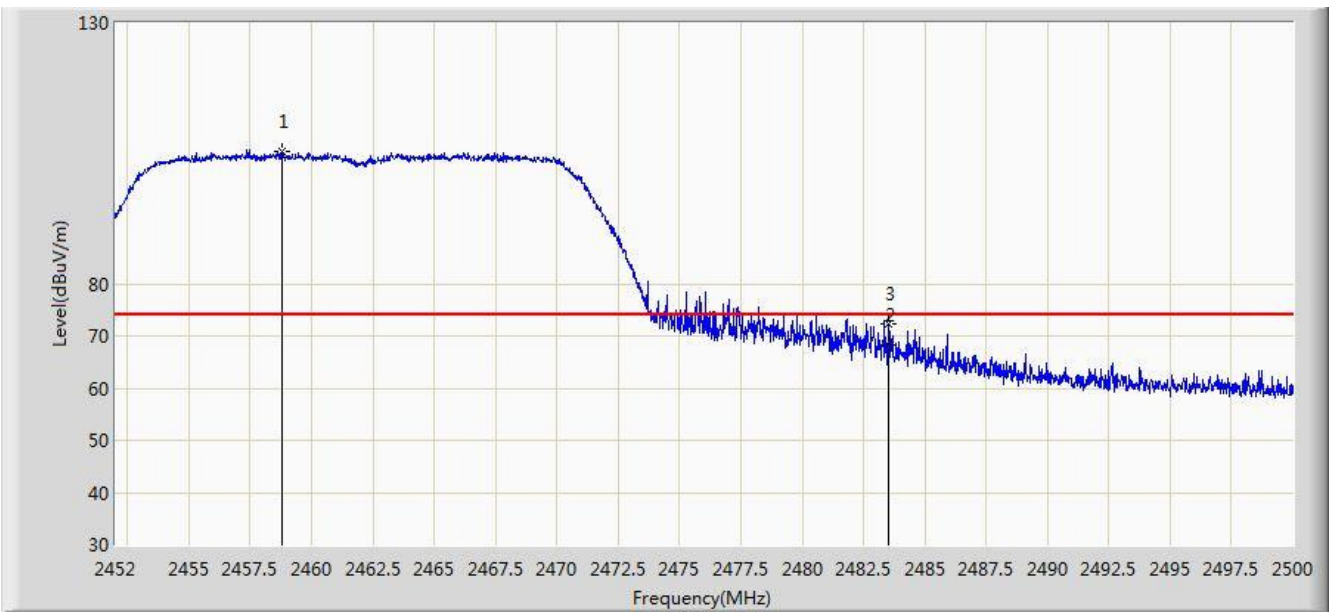


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.262	13.708	-7.738	54.000	32.554	AV
2		*	2409.568	91.670	59.141	N/A	N/A	32.529	AV

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: 2016/12/24 - 02:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1 + 2	

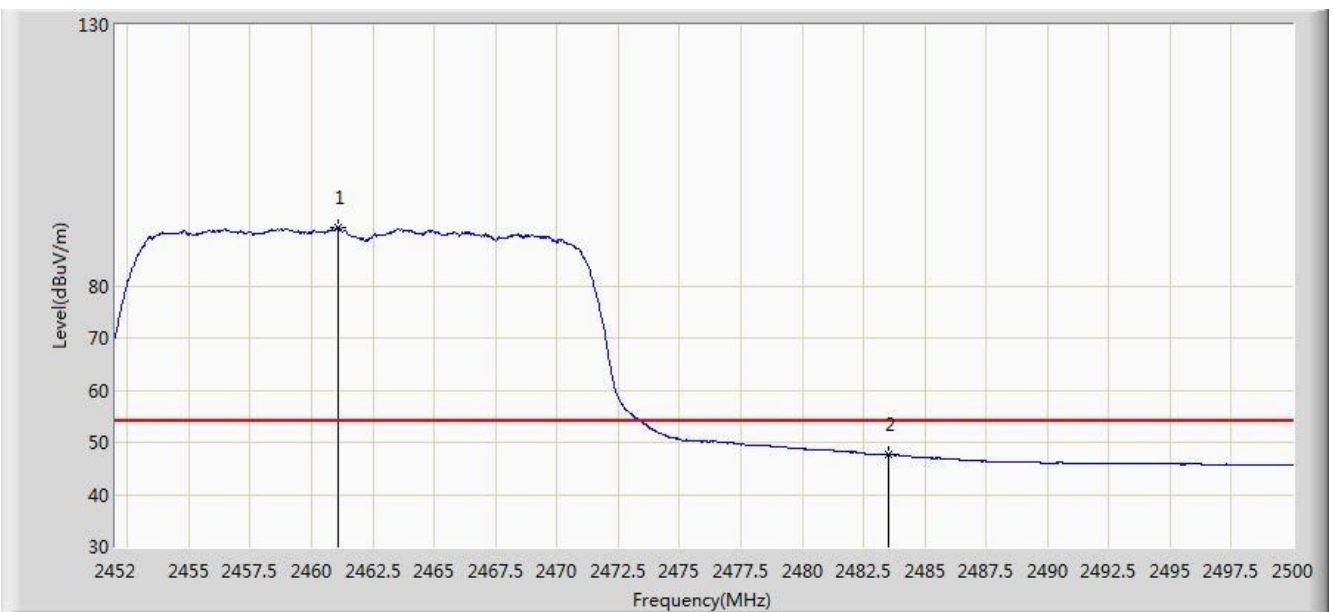


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.816	105.356	72.845	N/A	N/A	32.511	PK
2			2483.500	68.330	35.749	-5.670	74.000	32.580	PK
3			2483.512	72.268	39.687	-1.732	74.000	32.580	PK

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

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

Site: AC1	Time: 2016/12/24 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1 + 2	

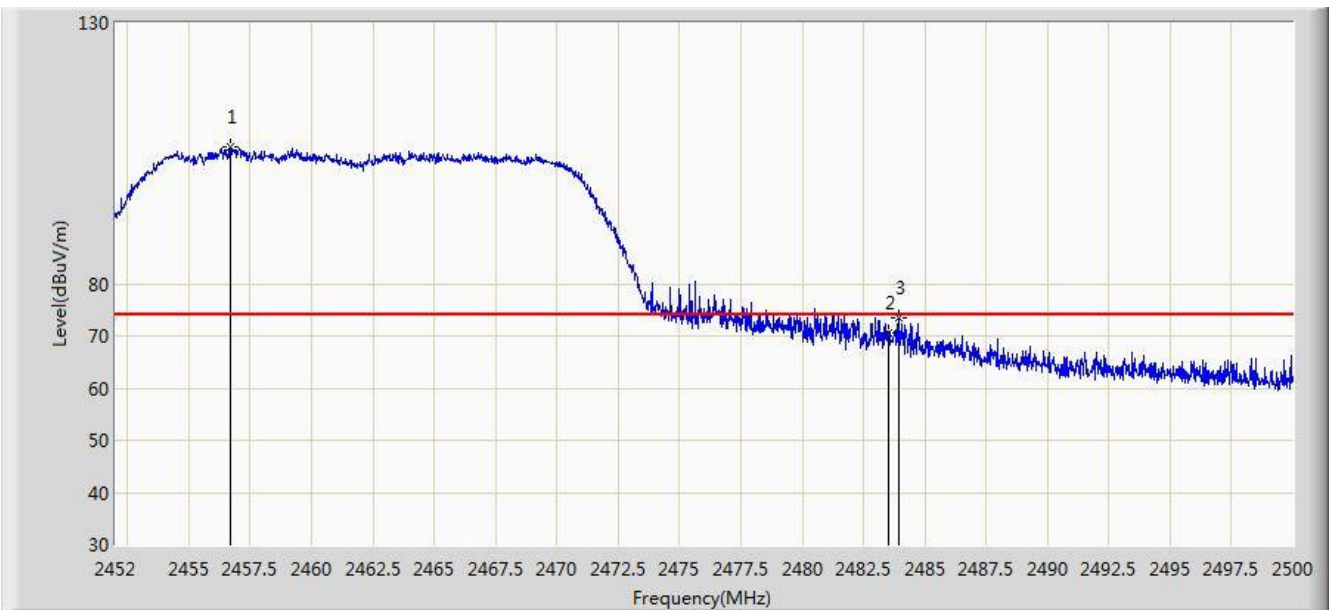


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.072	91.076	58.561	N/A	N/A	32.514	AV
2			2483.500	47.691	15.110	-6.309	54.000	32.580	AV

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: 2016/12/24 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.680	106.154	73.647	N/A	N/A	32.507	PK
2			2483.500	70.611	38.030	-3.389	74.000	32.580	PK
3			2483.920	73.412	40.830	-0.588	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: 2016/12/24 - 02:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 1 + 2	

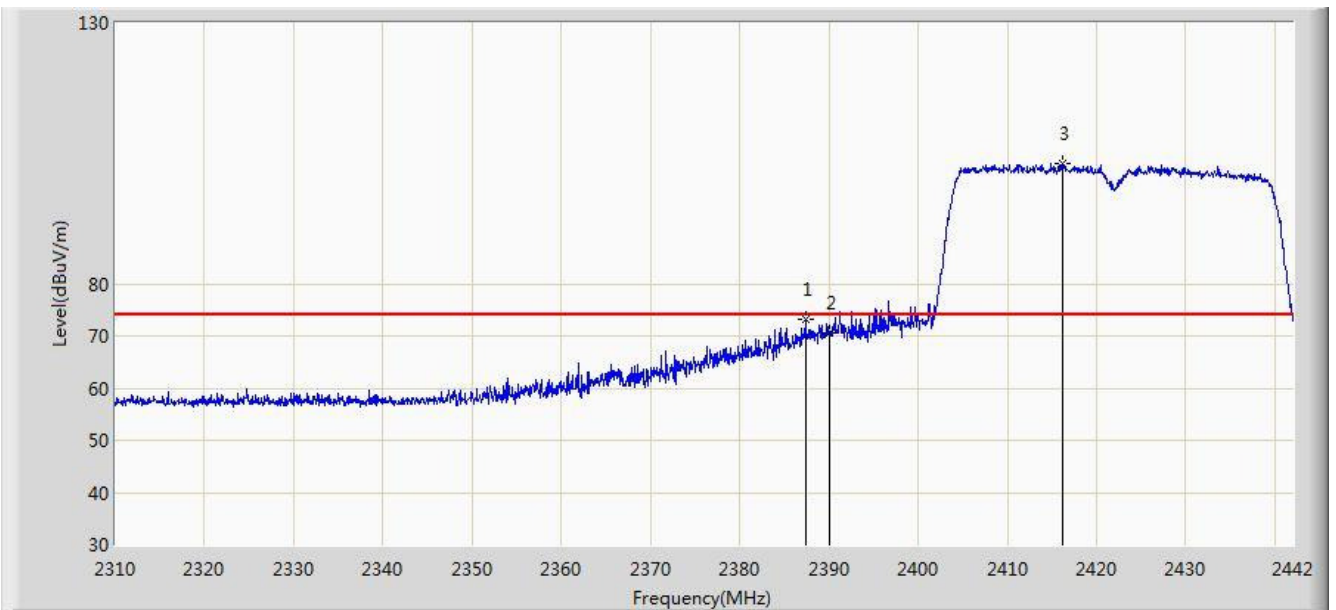


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.584	91.470	58.958	N/A	N/A	32.513	AV
2			2483.500	47.501	14.920	-6.499	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 1 + 2	

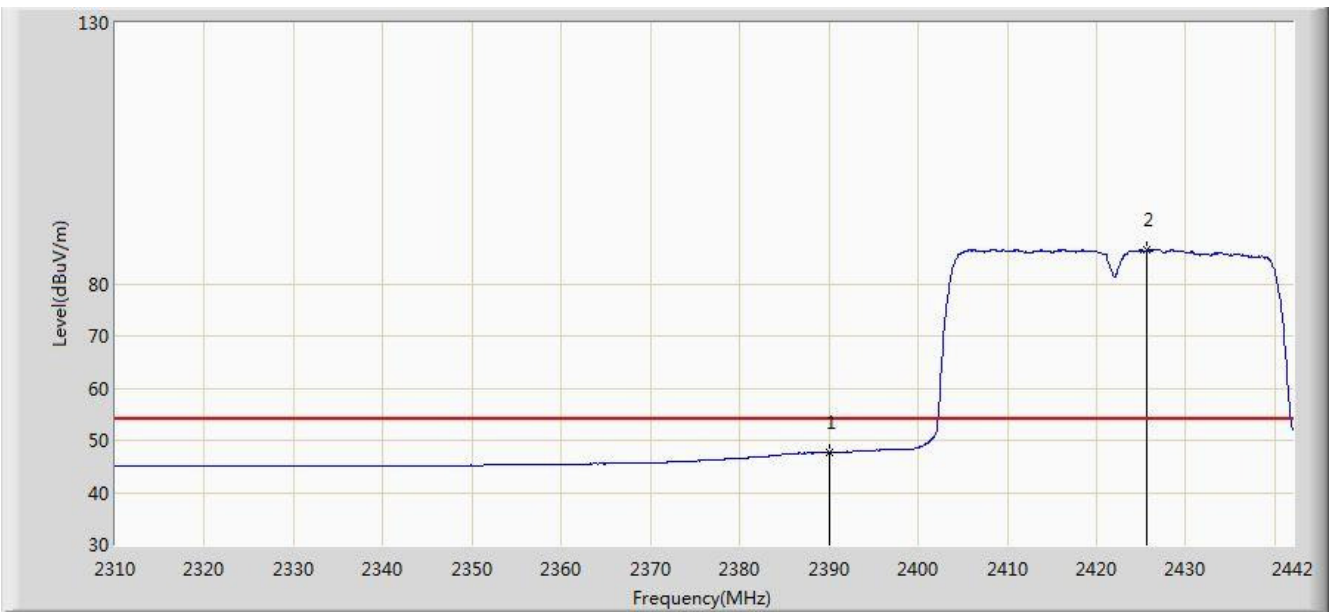


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.352	73.235	40.677	-0.765	74.000	32.558	PK
2			2390.000	70.587	38.033	-3.413	74.000	32.554	PK
3		*	2416.128	103.069	70.548	N/A	N/A	32.521	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 1 + 2	

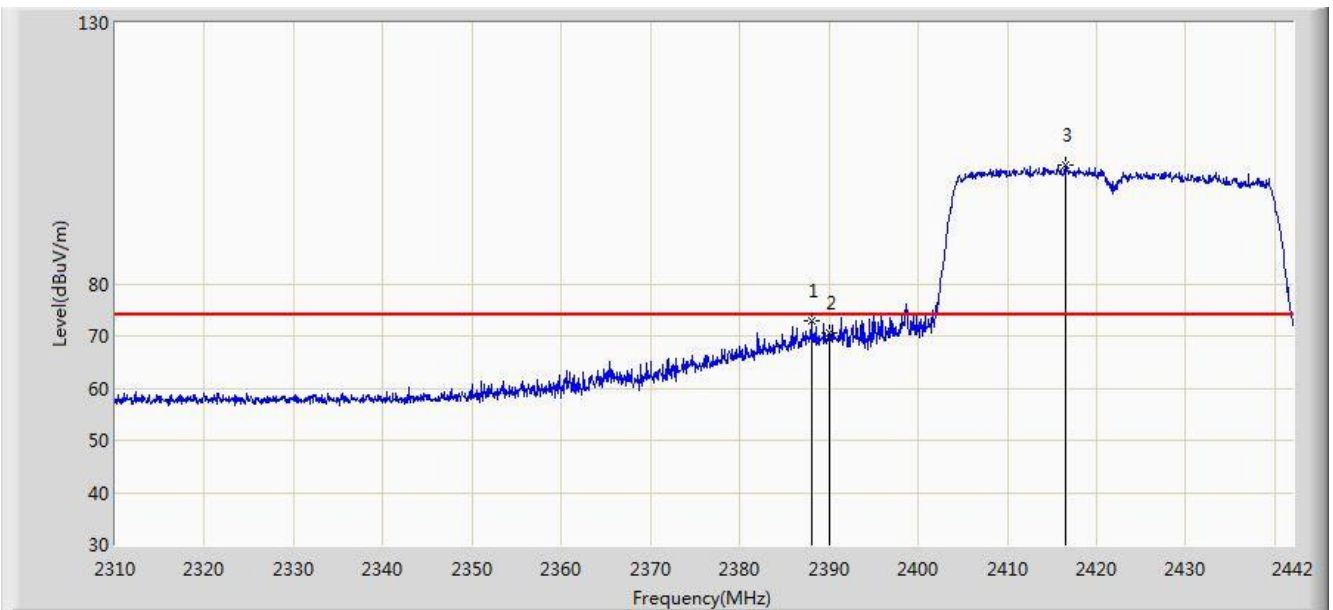


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.622	15.068	-6.378	54.000	32.554	AV
2		*	2425.698	86.448	53.939	N/A	N/A	32.510	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 1 + 2	

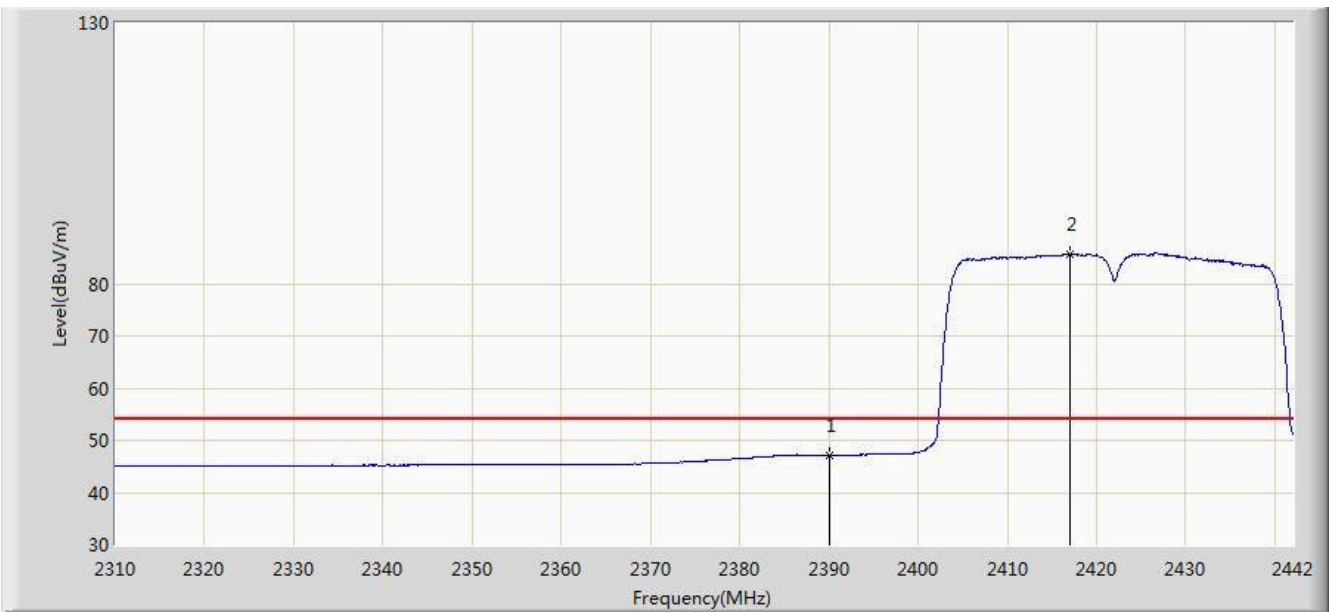


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.012	72.754	40.197	-1.246	74.000	32.557	PK
2			2390.000	70.519	37.965	-3.481	74.000	32.554	PK
3		*	2416.524	102.782	70.262	N/A	N/A	32.521	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 1 + 2	

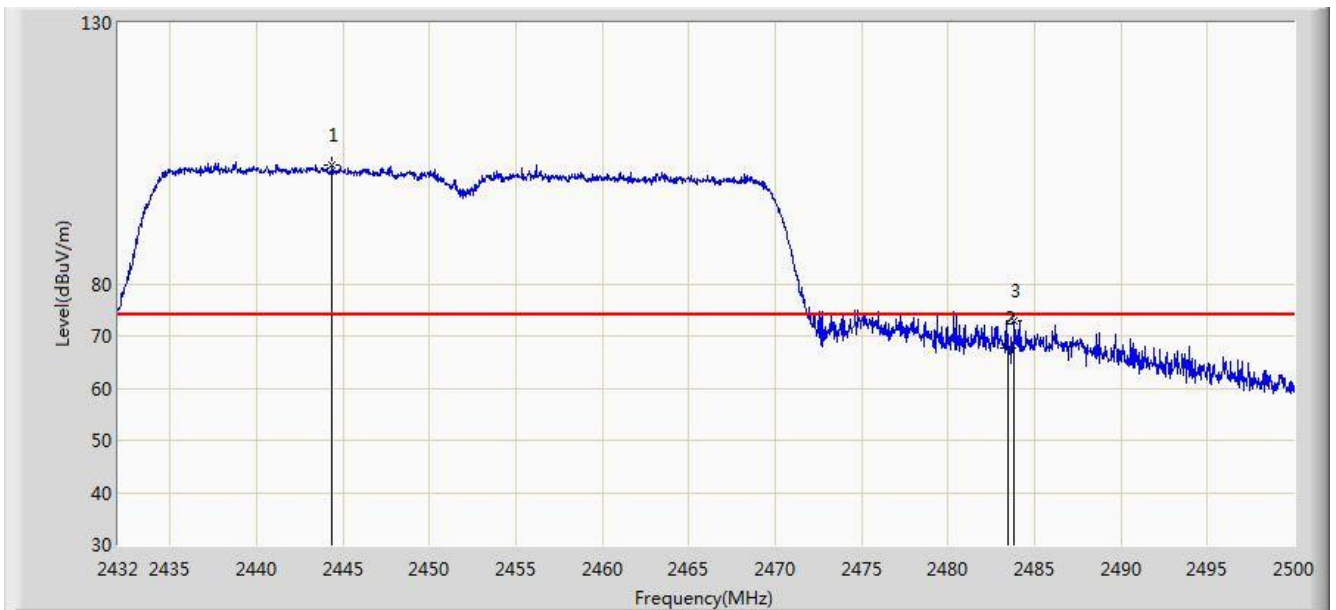


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.163	14.609	-6.837	54.000	32.554	AV
2		*	2416.986	85.767	53.247	N/A	N/A	32.520	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 1 + 2	

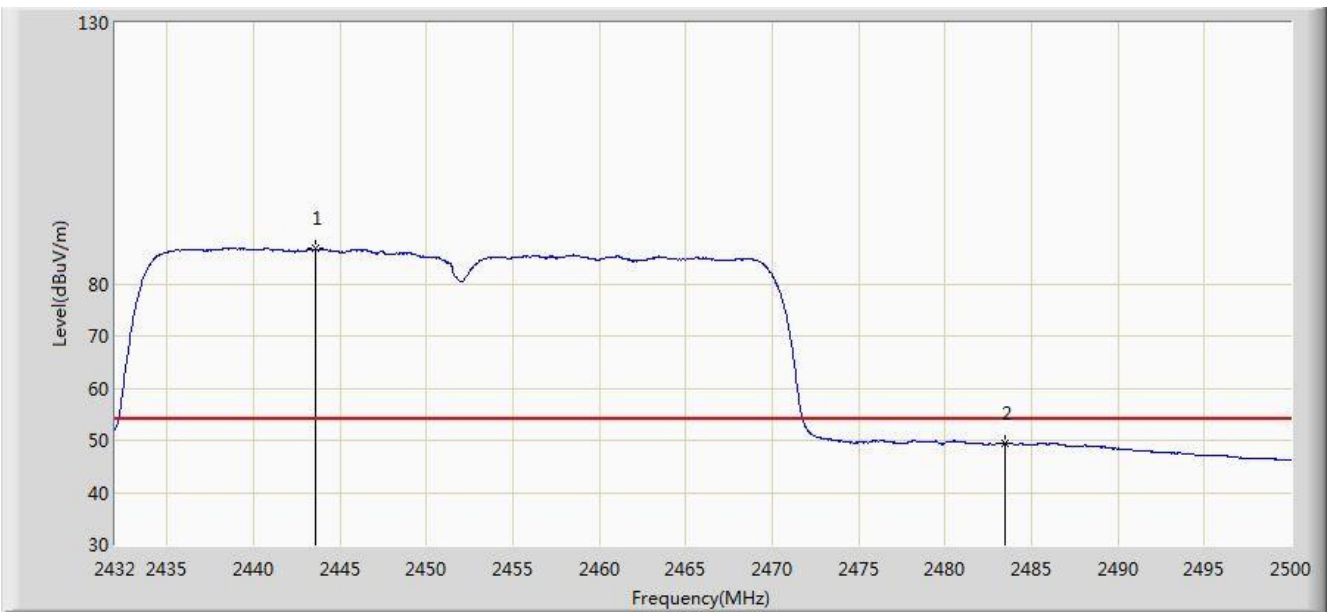


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.376	102.857	70.370	N/A	N/A	32.488	PK
2			2483.500	67.695	35.114	-6.305	74.000	32.580	PK
3			2483.816	73.005	40.423	-0.995	74.000	32.582	PK

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: 2016/12/24 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 1 + 2	

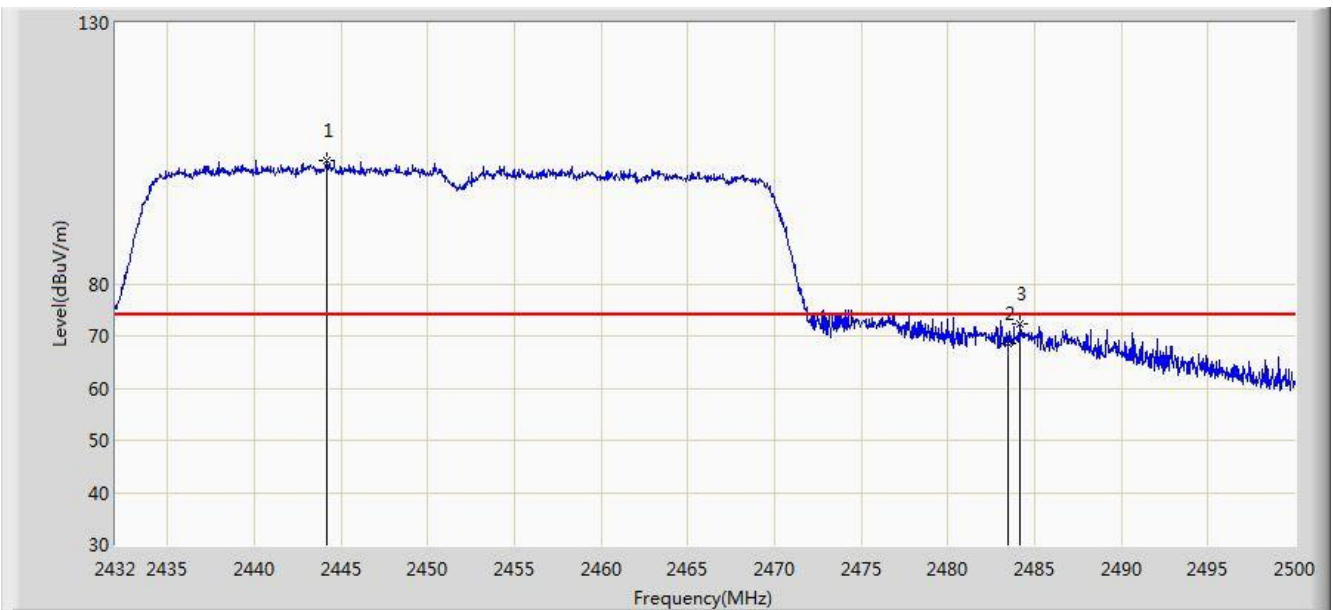


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2443.594	86.723	54.235	N/A	N/A	32.488	AV
2			2483.500	49.462	16.881	-4.538	54.000	32.580	AV

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

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

Site: AC1	Time: 2016/12/24 - 03:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 1 + 2	

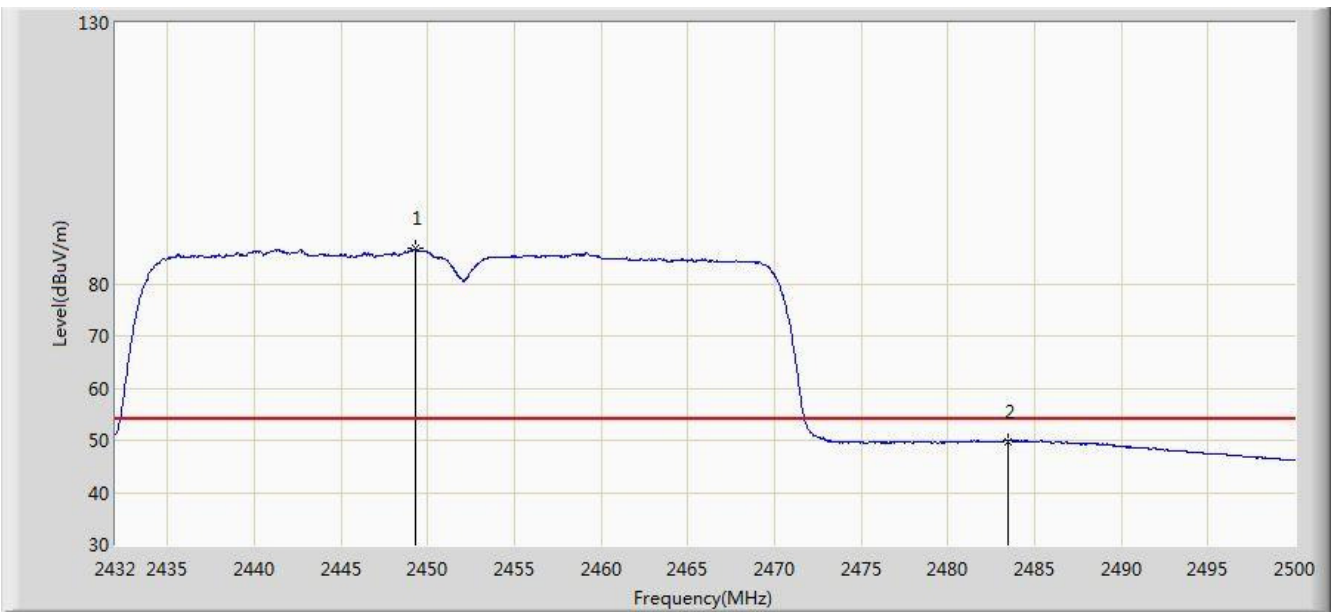


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.206	103.574	71.087	N/A	N/A	32.487	PK
2			2483.500	68.407	35.826	-5.593	74.000	32.580	PK
3			2484.122	72.203	39.621	-1.797	74.000	32.582	PK

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

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

Site: AC1	Time: 2016/12/24 - 03:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 1 + 2	



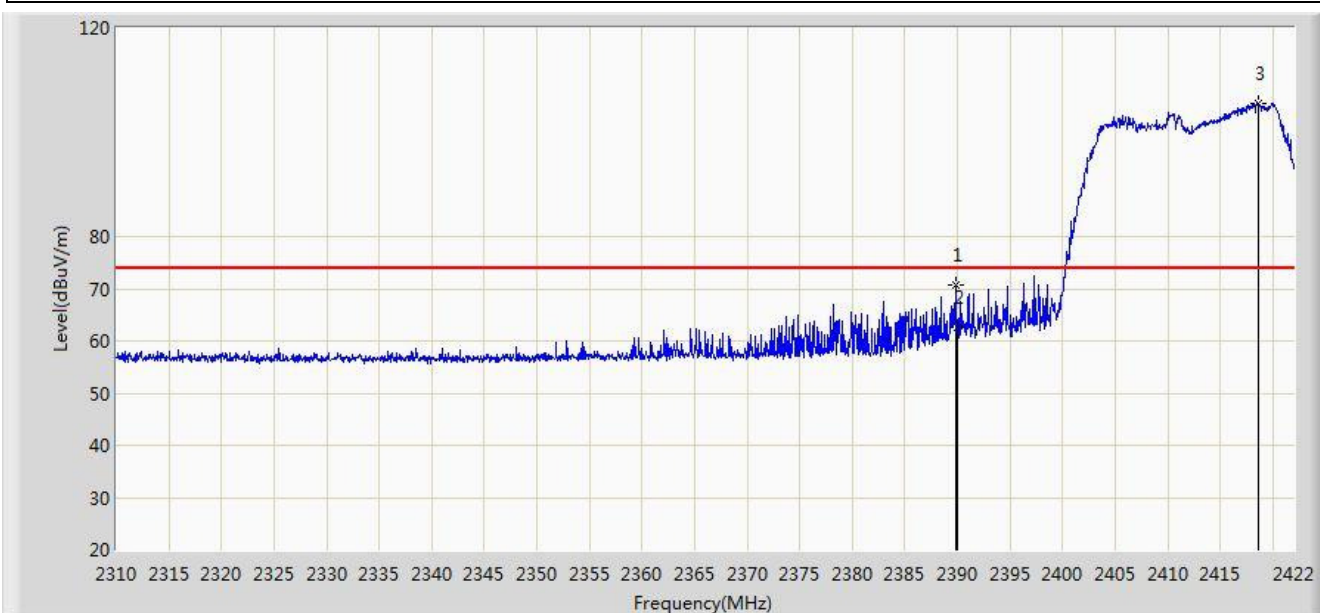
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.272	86.699	54.205	N/A	N/A	32.494	AV
2			2483.500	49.833	17.252	-4.167	54.000	32.580	AV

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

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

Beam-Forming Mode

Site: AC1	Time: 2017/02/16 - 11:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 0 + 1	

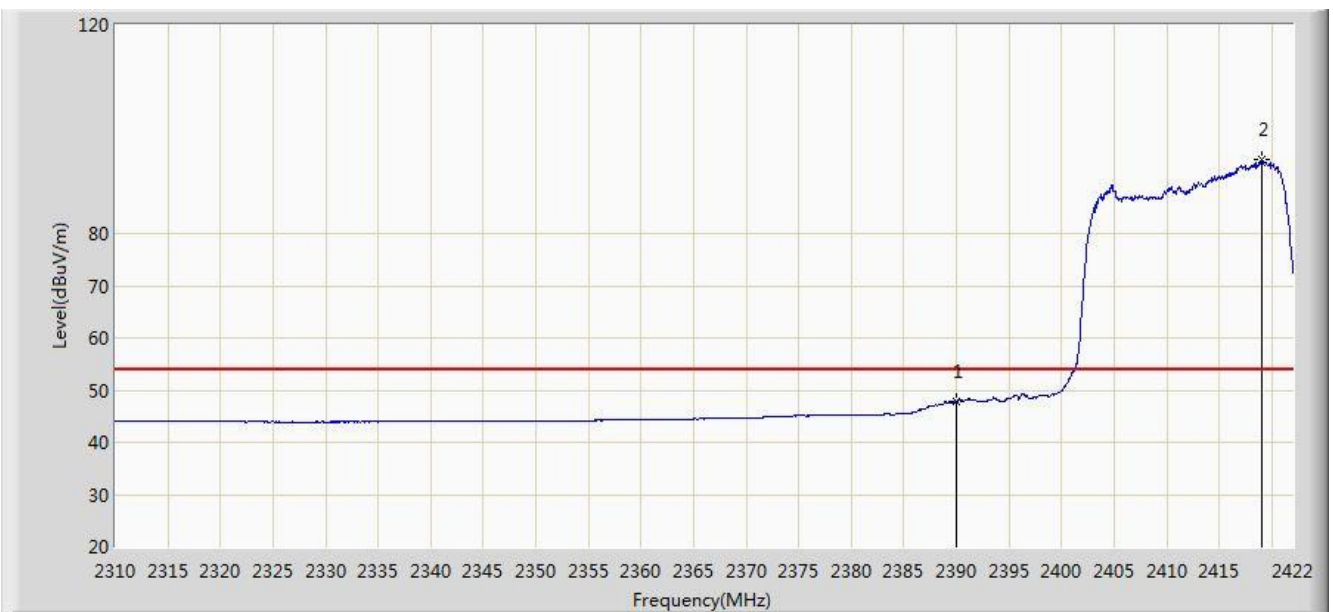


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.856	70.738	38.183	-3.262	74.000	32.555	PK
2			2390.000	62.660	30.106	-11.340	74.000	32.554	PK
3		*	2418.696	105.443	72.925	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2017/02/16 - 11:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 0 + 1	

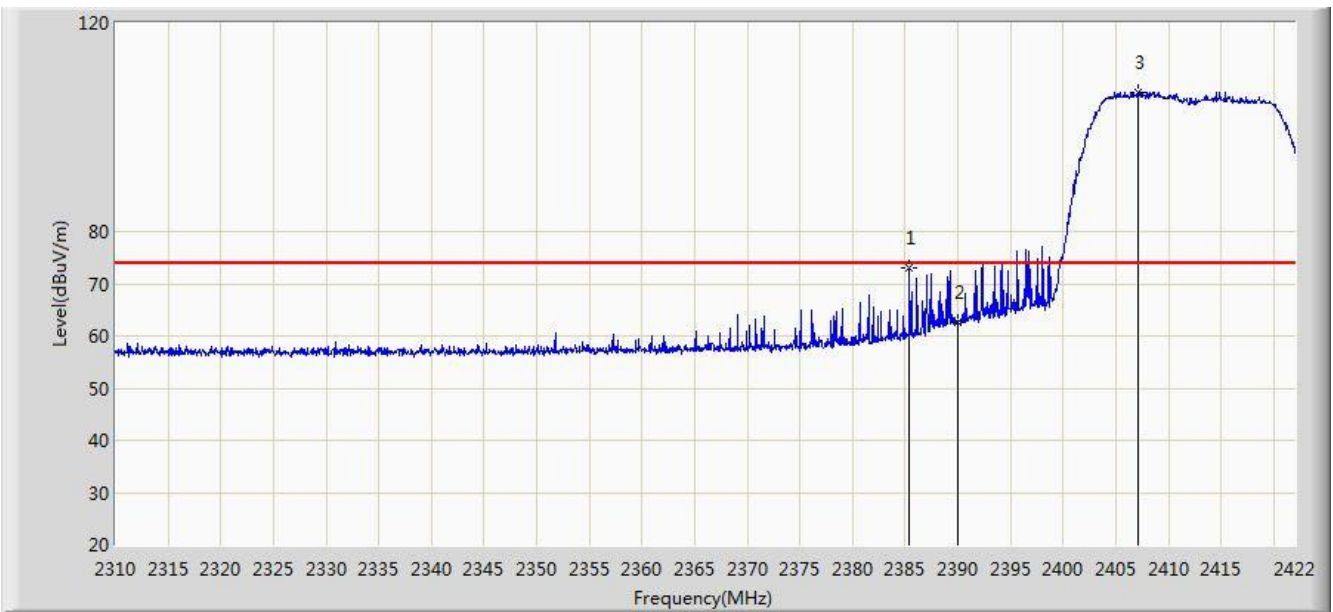


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.758	15.204	-6.242	54.000	32.554	AV
2		*	2419.088	94.083	61.566	N/A	N/A	32.517	AV

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: 2017/02/16 - 11:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 0 + 1	

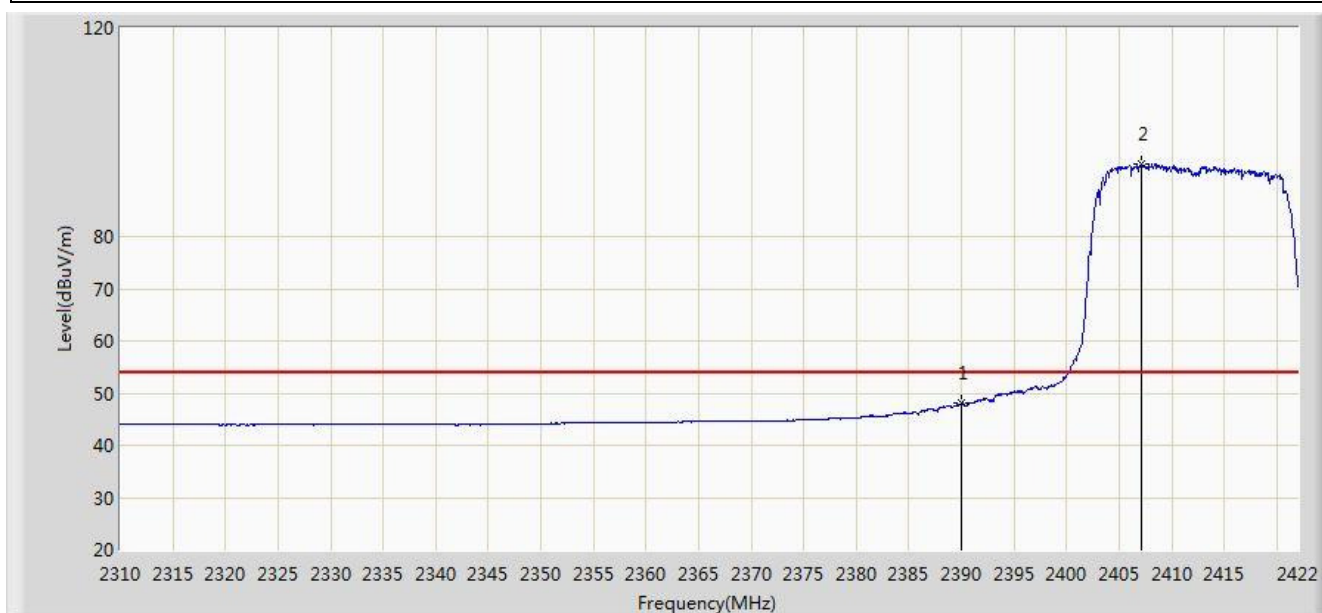


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.432	73.102	40.541	-0.898	74.000	32.561	PK
2			2390.000	62.655	30.101	-11.345	74.000	32.554	PK
3		*	2407.160	106.782	74.250	N/A	N/A	32.531	PK

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

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

Site: AC1	Time: 2017/02/16 - 11:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz Ant 0 + 1	

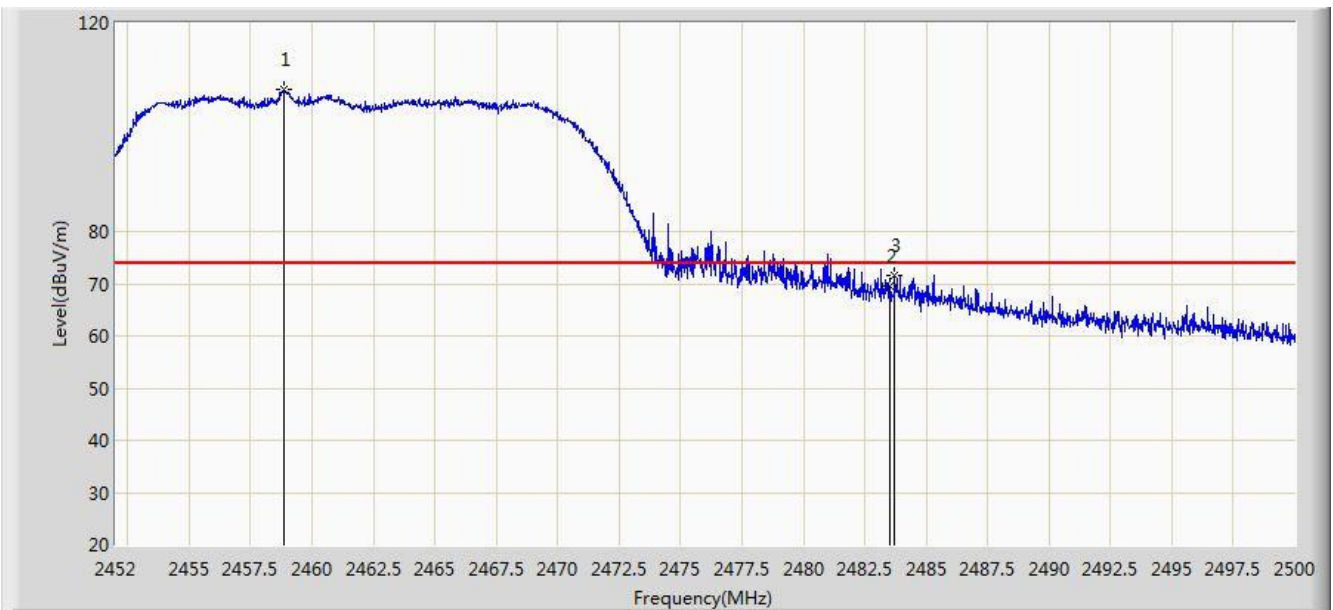


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.022	15.468	-5.978	54.000	32.554	AV
2		*	2407.104	93.813	61.281	N/A	N/A	32.532	AV

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: 2017/02/16 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 0 + 1	

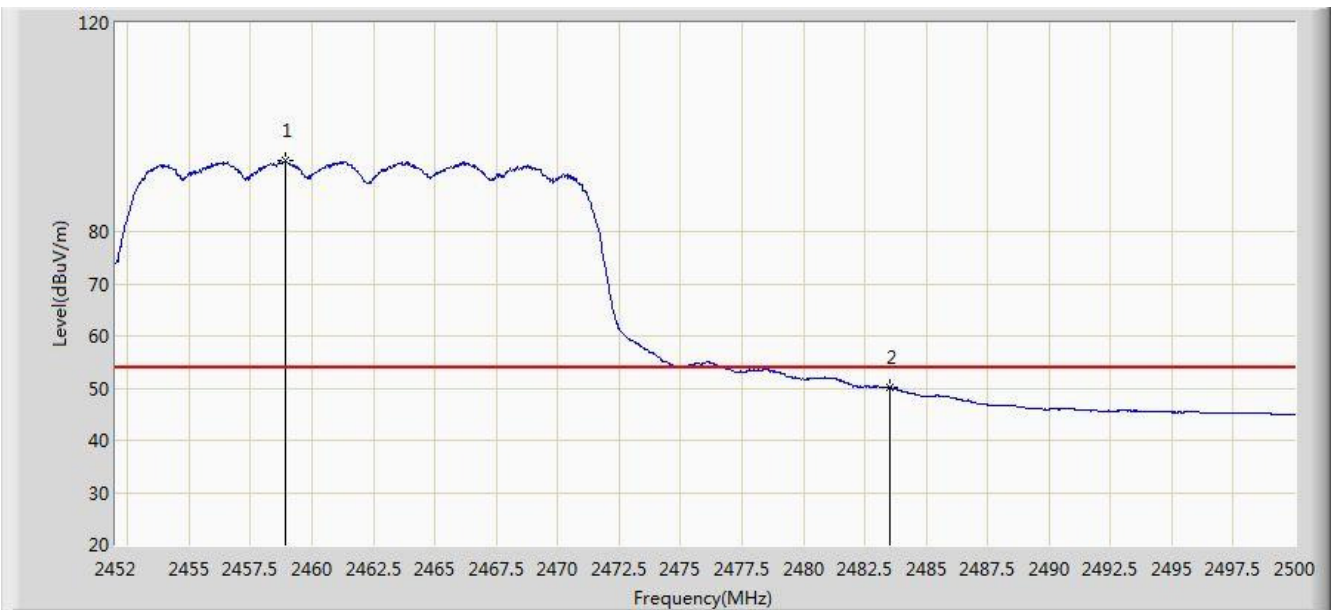


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.840	107.185	74.674	N/A	N/A	32.511	PK
2			2483.500	69.520	36.939	-4.480	74.000	32.580	PK
3			2483.704	71.513	38.932	-2.487	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/02/16 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 0 + 1	

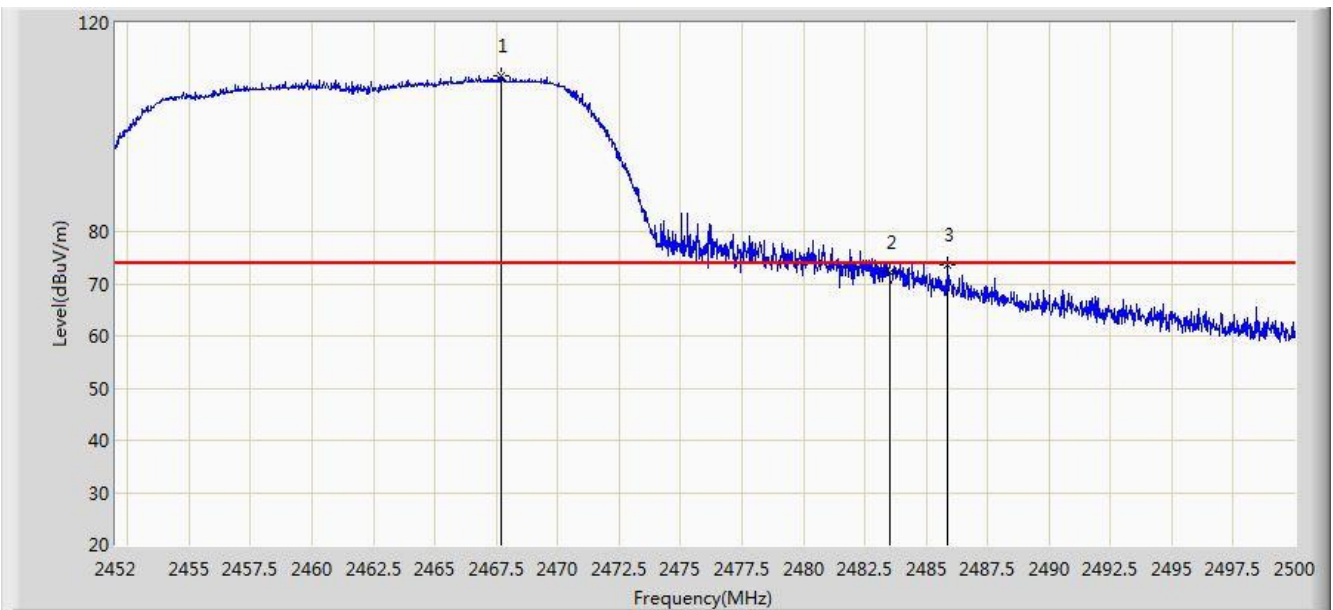


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.912	93.484	60.973	N/A	N/A	32.511	AV
2			2483.500	50.062	17.481	-3.938	54.000	32.580	AV

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: 2017/02/16 - 11:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 0 + 1	

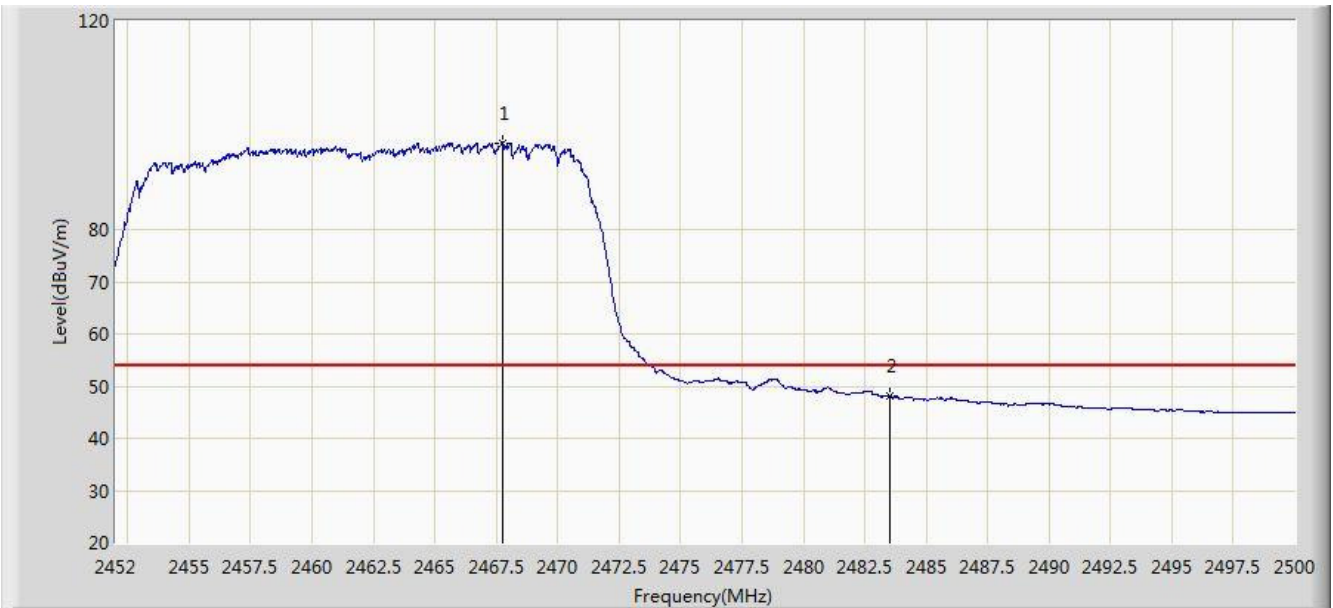


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.672	109.873	77.340	N/A	N/A	32.533	PK
2			2483.500	72.211	39.630	-1.789	74.000	32.580	PK
3			2485.888	73.642	41.054	-0.358	74.000	32.588	PK

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

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

Site: AC1	Time: 2017/02/16 - 11:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz Ant 0 + 1	

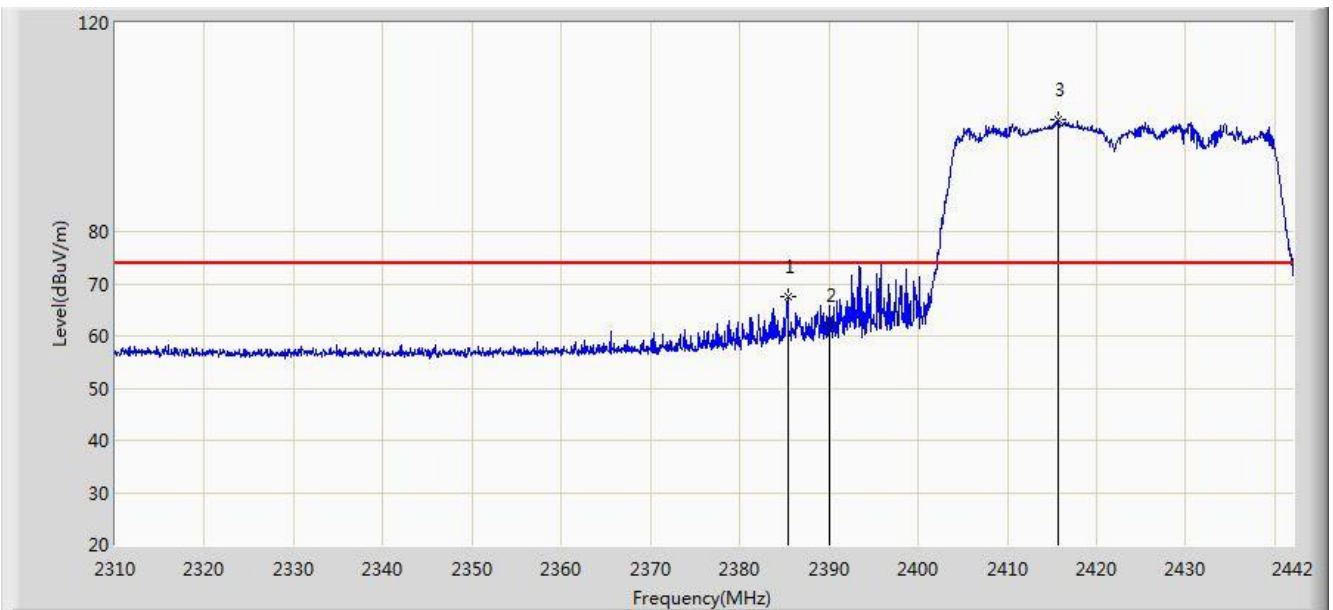


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.744	96.607	64.074	N/A	N/A	32.533	AV
2			2483.500	48.010	15.429	-5.990	54.000	32.580	AV

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: 2017/02/19 - 11:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 0 + 1	

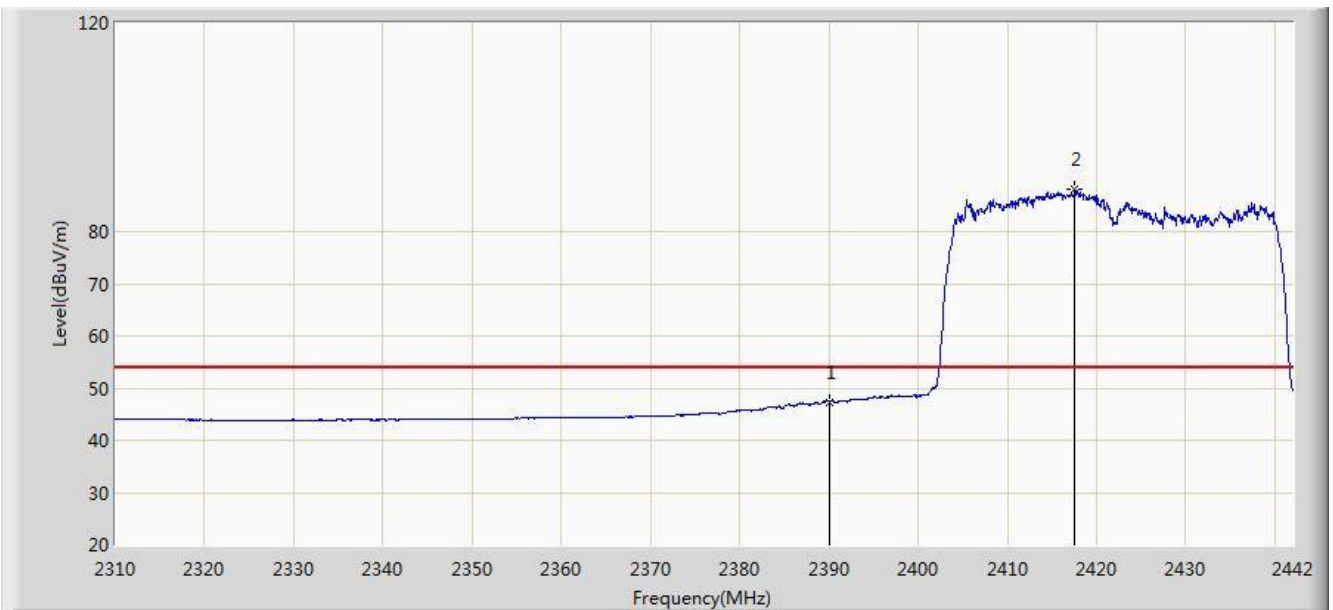


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.372	67.445	34.884	-6.555	74.000	32.560	PK
2			2390.000	62.034	29.480	-11.966	74.000	32.554	PK
3		*	2415.666	101.305	68.784	N/A	N/A	32.521	PK

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: 2017/02/19 - 11:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 0 + 1	

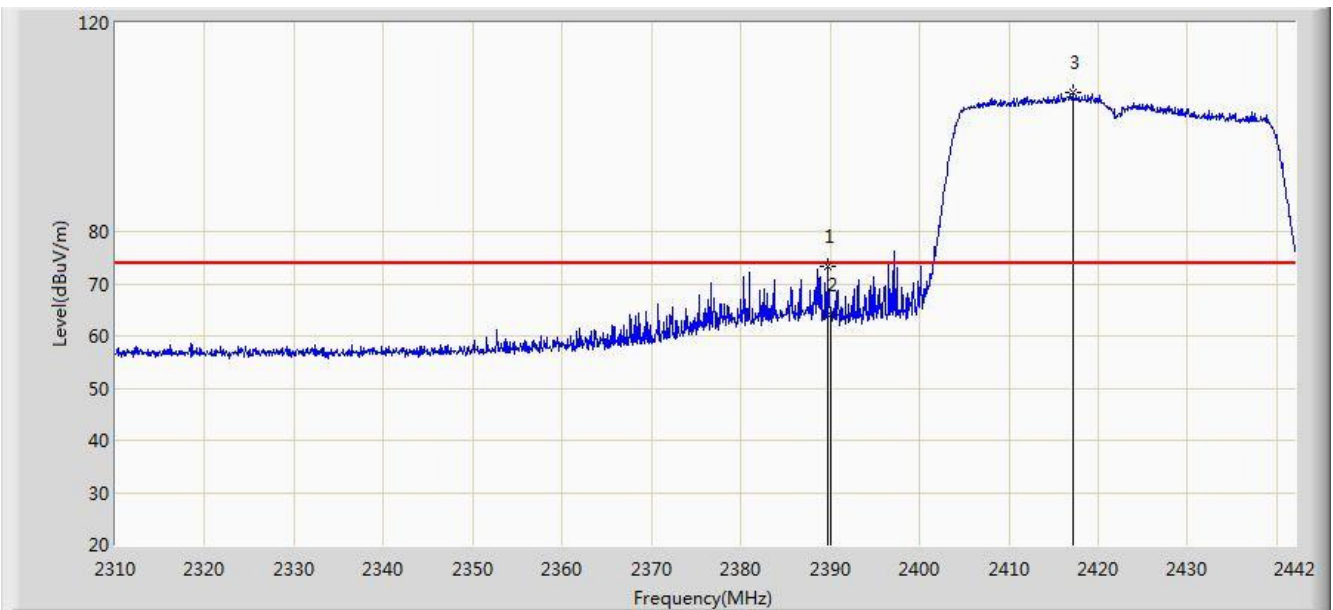


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.323	14.769	-6.677	54.000	32.554	AV
2		*	2417.580	87.997	55.478	N/A	N/A	32.519	AV

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: 2017/02/19 - 11:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 0 + 1	

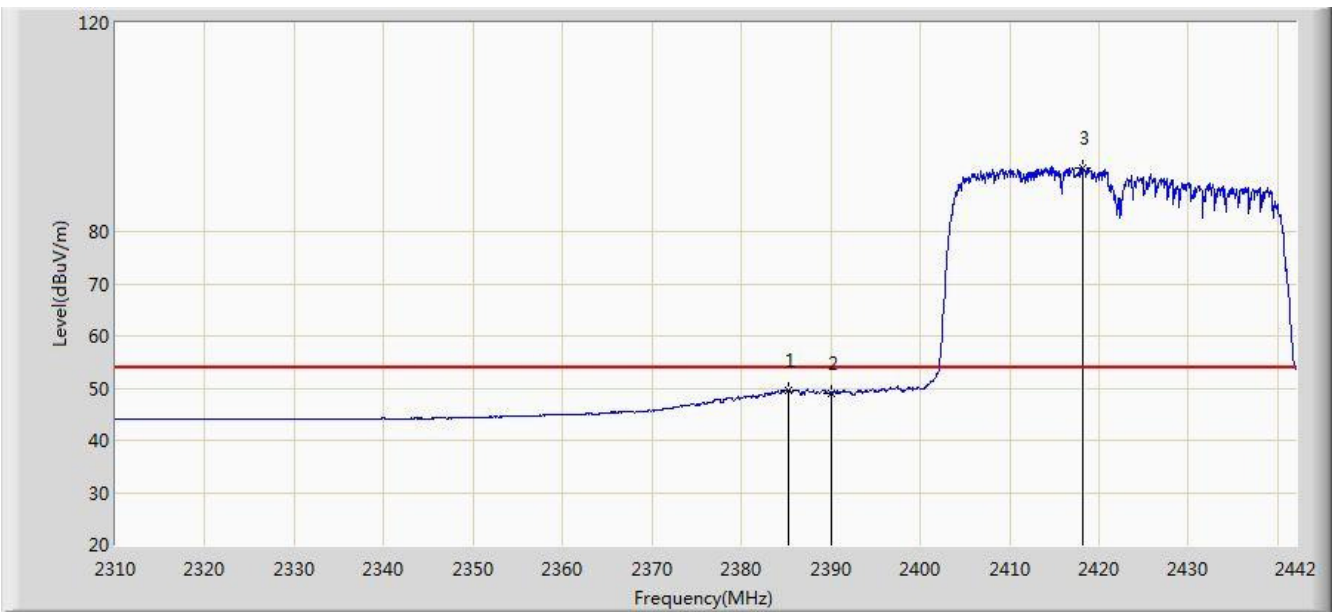


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.662	73.397	40.842	-0.603	74.000	32.555	PK
2			2390.000	64.154	31.600	-9.846	74.000	32.554	PK
3		*	2417.118	106.650	74.131	N/A	N/A	32.519	PK

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

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

Site: AC1	Time: 2017/02/19 - 11:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz Ant 0 + 1	

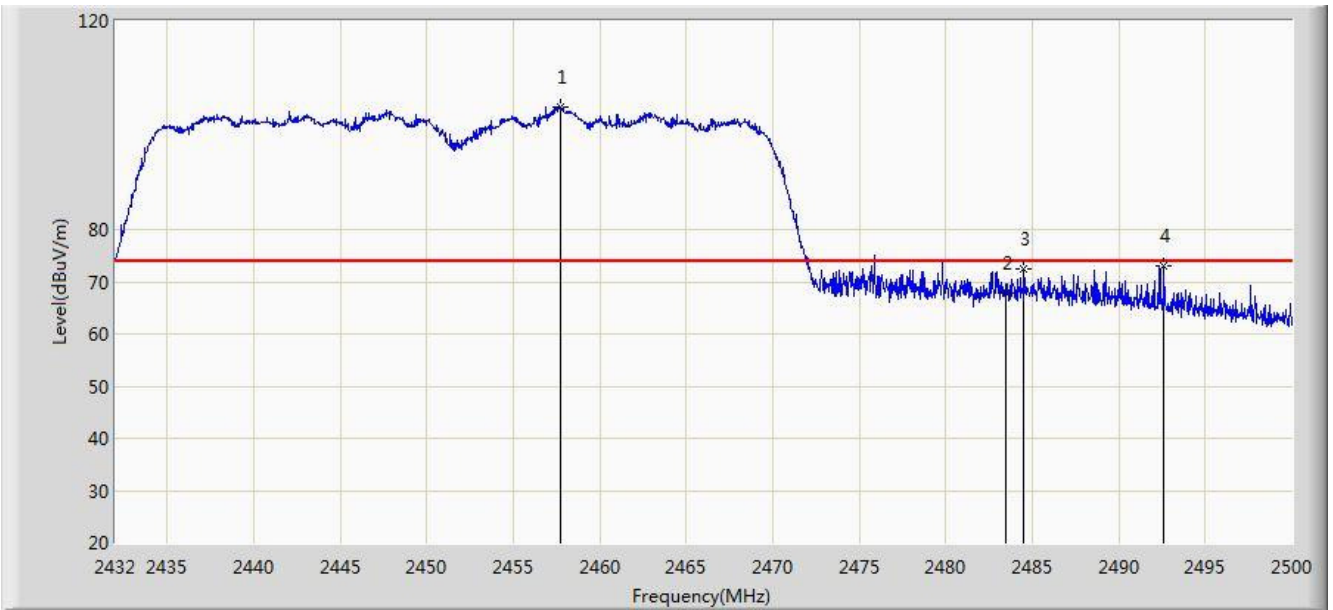


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.240	49.672	17.111	-4.328	54.000	32.561	AV
2			2390.000	49.092	16.538	-4.908	54.000	32.554	AV
3		*	2418.174	92.255	59.737	N/A	N/A	32.519	AV

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

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

Site: AC1	Time: 2017/02/19 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz Ant 0 + 1	

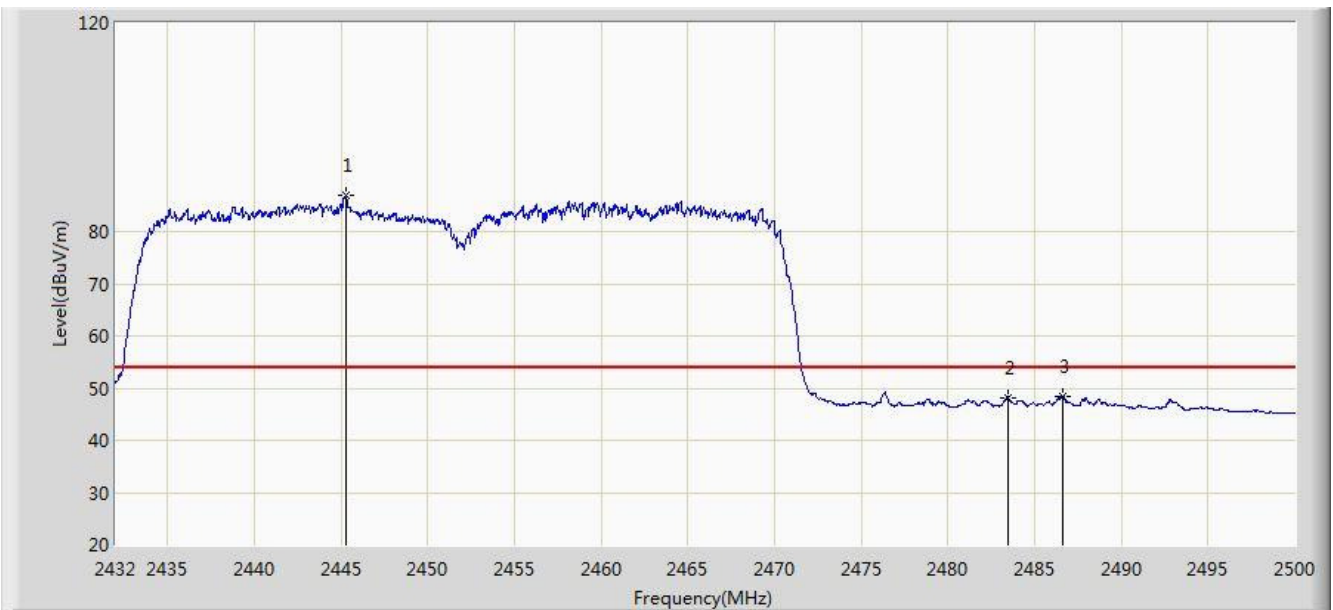


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.704	103.408	70.899	N/A	N/A	32.508	PK
2			2483.500	67.710	35.129	-6.290	74.000	32.580	PK
3			2484.496	72.498	39.914	-1.502	74.000	32.584	PK
4			2492.622	72.931	40.323	-1.069	74.000	32.608	PK

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

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

Site: AC1	Time: 2017/02/19 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz Ant 0 + 1	

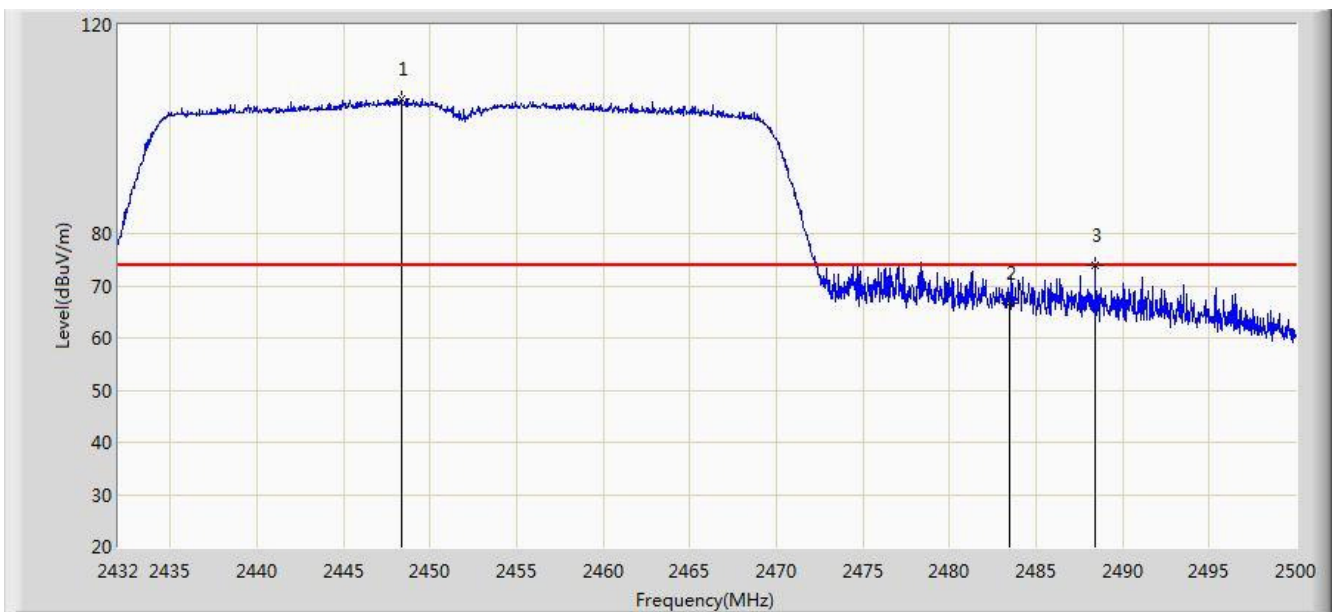


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.328	87.084	54.597	N/A	N/A	32.487	AV
2			2483.500	48.223	15.642	-5.777	54.000	32.580	AV
3			2486.638	48.441	15.851	-5.559	54.000	32.590	AV

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: 2017/02/19 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz Ant 0 + 1	

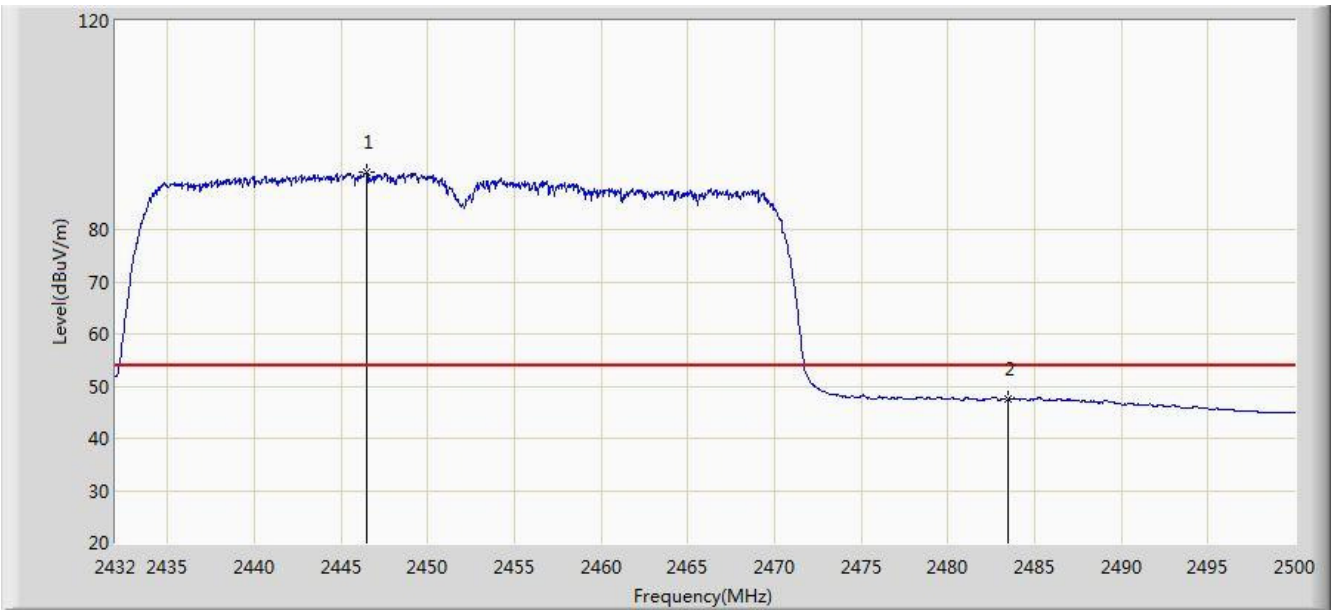


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.354	105.682	73.190	N/A	N/A	32.492	PK
2			2483.500	66.680	34.099	-7.320	74.000	32.580	PK
3			2488.440	73.862	41.267	-0.138	74.000	32.595	PK

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: 2017/02/19 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE Adapter
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.450	90.917	58.428	N/A	N/A	32.489	AV
2			2483.500	47.398	14.817	-6.602	54.000	32.580	AV

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

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

7.8. AC Conducted Emissions Measurement

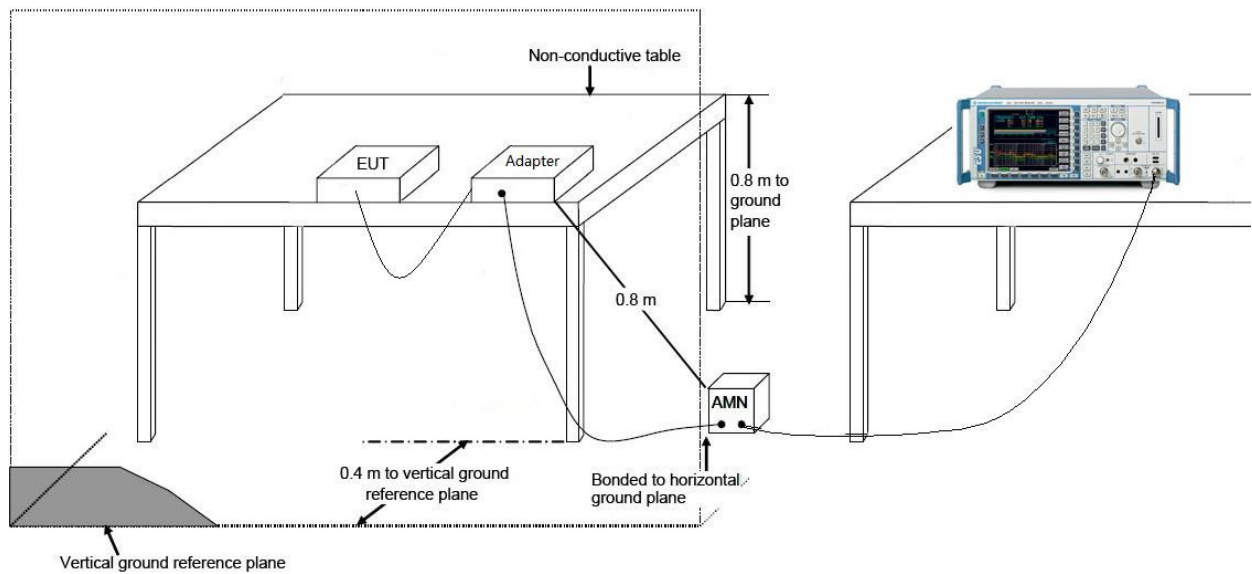
7.8.1. Test Limit

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

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

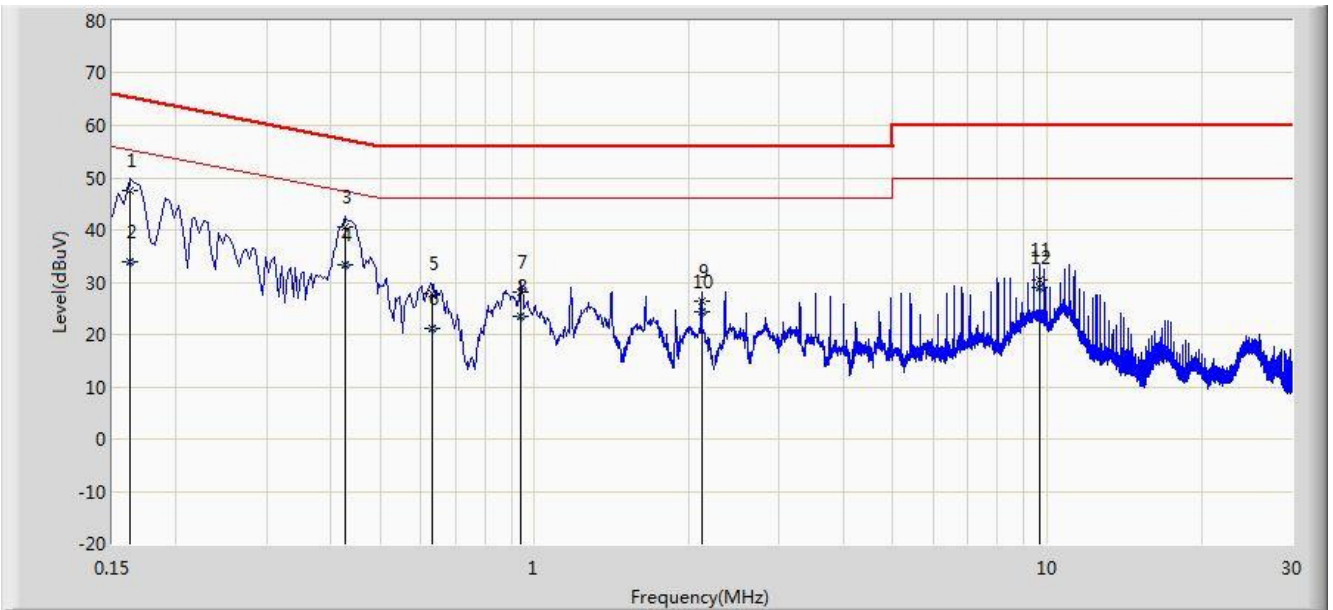
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Site: SR2	Time: 2017/02/09 - 16:16
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: ACCESS POINT	Power: By POE Adapter
Note: Mode 1	

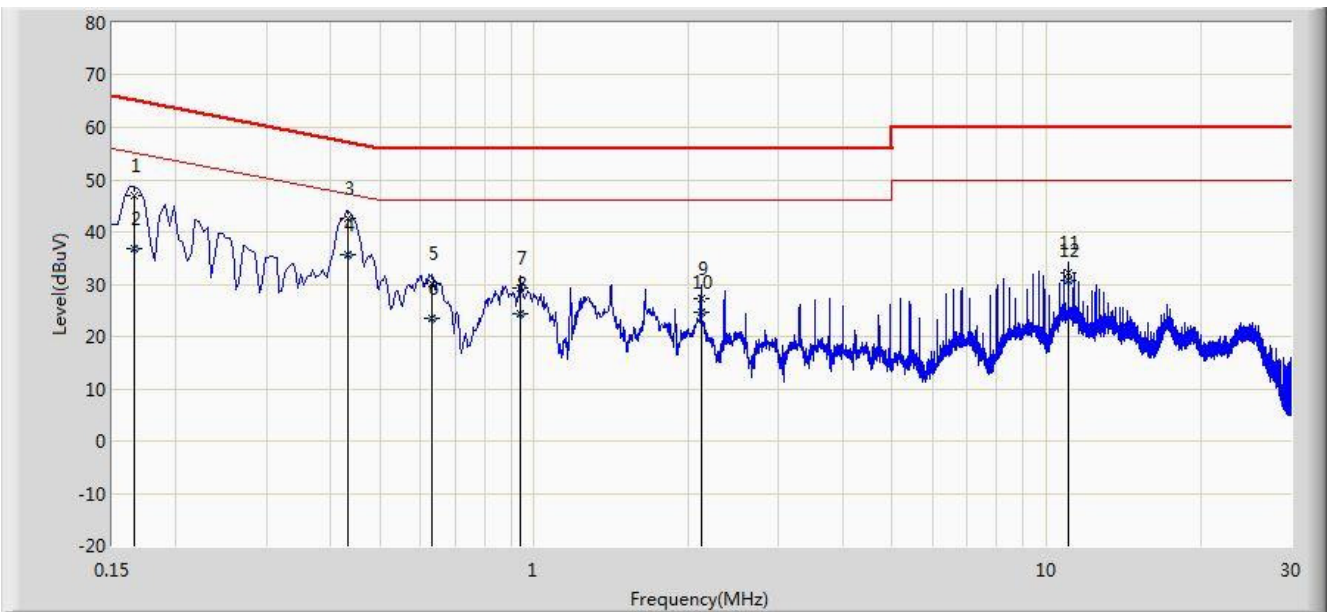


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	47.446	37.349	-17.915	65.361	10.097	QP
2			0.162	33.922	23.824	-21.439	55.361	10.097	AV
3			0.426	40.626	30.519	-16.704	57.330	10.107	QP
4		*	0.426	33.458	23.351	-13.872	47.330	10.107	AV
5			0.630	27.869	17.770	-28.131	56.000	10.099	QP
6			0.630	21.201	11.101	-24.799	46.000	10.099	AV
7			0.942	28.234	18.296	-27.766	56.000	9.938	QP
8			0.942	23.619	13.681	-22.381	46.000	9.938	AV
9			2.118	26.476	16.608	-29.524	56.000	9.868	QP
10			2.118	24.433	14.565	-21.567	46.000	9.868	AV
11			9.650	30.425	20.265	-29.575	60.000	10.160	QP
12			9.650	29.084	18.924	-20.916	50.000	10.160	AV

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

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

Site: SR2	Time: 2017/02/09 - 16:20
Limit: FCC_Part15.207_CE_AC Power	Engineer: Kevin
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: ACCESS POINT	Power: By POE Adapter
Note: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.166	46.843	36.772	-18.316	65.158	10.071	QP
2			0.166	36.954	26.883	-18.204	55.158	10.071	AV
3			0.434	42.725	32.587	-14.451	57.176	10.138	QP
4		*	0.434	35.552	25.414	-11.623	47.176	10.138	AV
5			0.630	30.198	20.084	-25.802	56.000	10.115	QP
6			0.630	23.615	13.500	-22.385	46.000	10.115	AV
7			0.942	29.249	19.309	-26.751	56.000	9.941	QP
8			0.942	24.252	14.311	-21.748	46.000	9.941	AV
9			2.118	27.303	17.433	-28.697	56.000	9.870	QP
10			2.118	24.698	14.827	-21.302	46.000	9.870	AV
11			11.066	32.192	22.062	-27.808	60.000	10.131	QP
12			11.066	30.745	20.615	-19.255	50.000	10.131	AV

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

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **ACCESS POINT FCC ID: Q9DAPINH203** is in compliance with Part 15C of the FCC Rules.

_____ The End _____