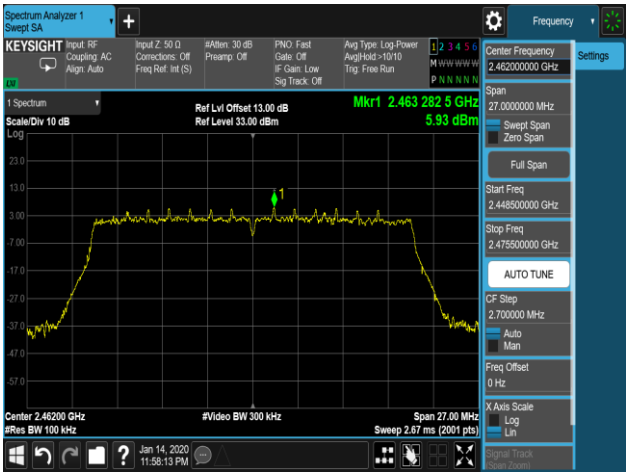
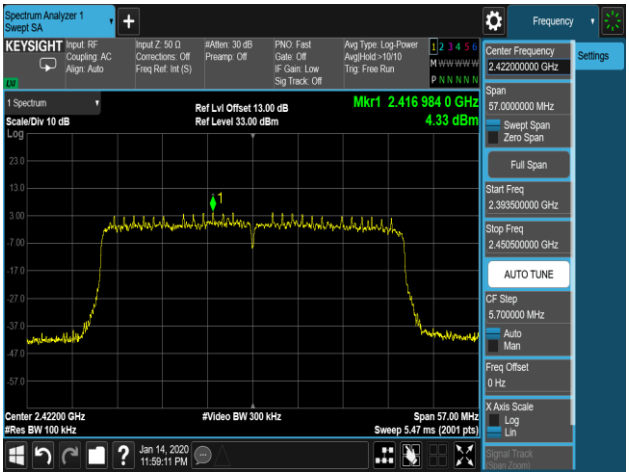
802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1	
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	Note: The Value of the Display Line is -24.07dBm

802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

100kHz PSD reference Level



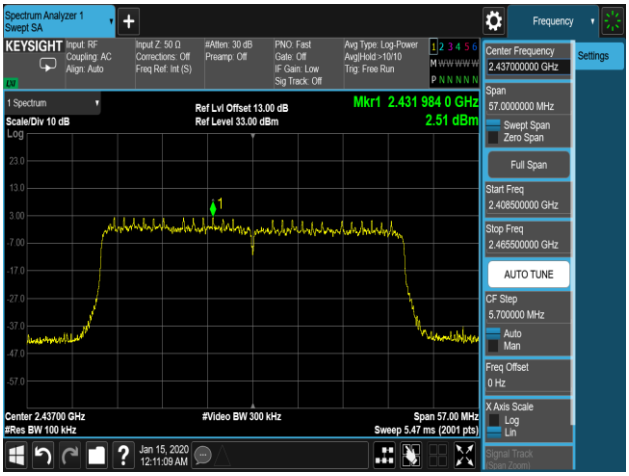
Low Band Edge

Spurious Emission

Note: The Value of the Display Line is -25.67dBm

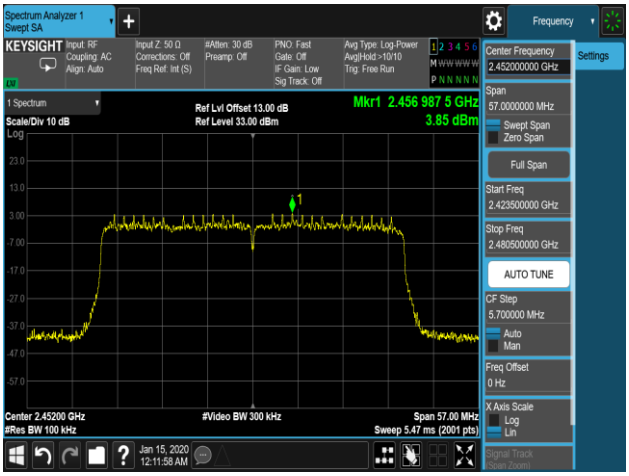
Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission

Note: The Value of the Display Line is -27.49dBm

802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1	
Channel 09 (2452MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	Note: The Value of the Display Line is -26.15dBm

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

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

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

7.6.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

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

4. Detector = Peak

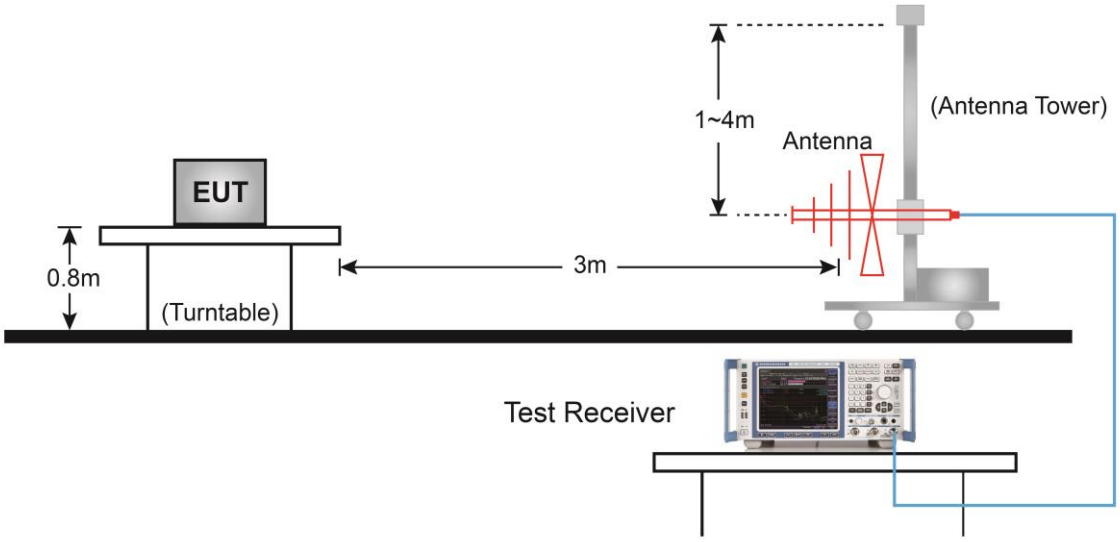
5. Sweep time = auto

6. Trace mode = max hold

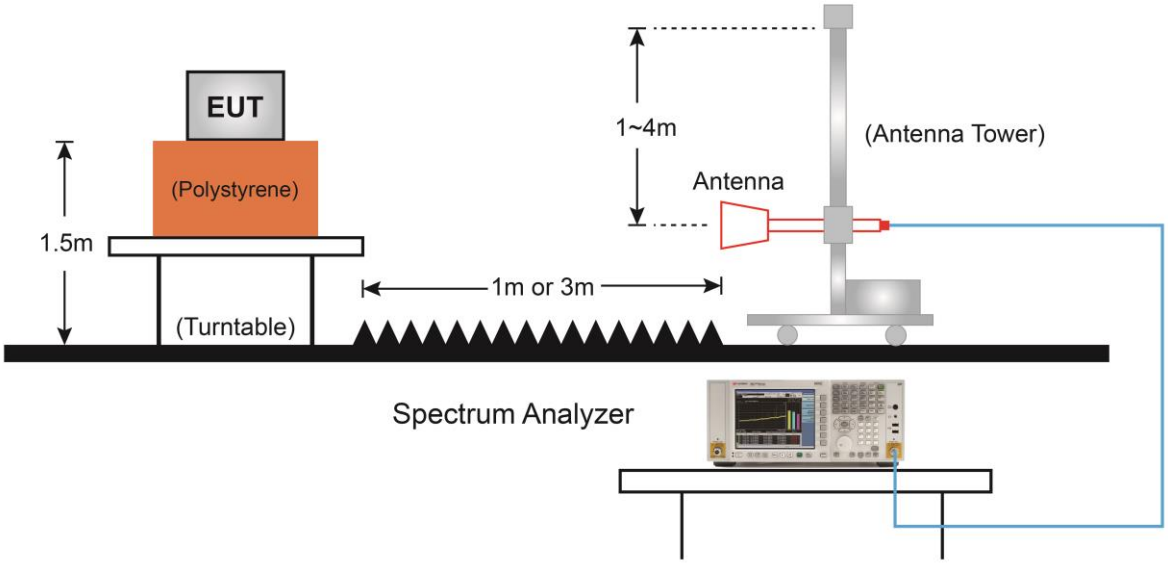
7. Trace was allowed to stabilize

7.6.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.6.5.Test Result

Antenna Model: AP-ANT-20W

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4689.0	35.9	2.9	38.8	54.0	-15.2	Peak	Horizontal
	7638.5	34.3	11.9	46.2	54.0	-7.8	Peak	Horizontal
*	9755.0	33.6	14.5	48.1	88.8	-40.7	Peak	Horizontal
*	10214.0	32.1	15.9	48.0	88.8	-40.8	Peak	Horizontal
	4680.5	36.2	2.9	39.1	54.0	-14.9	Peak	Vertical
	7570.5	34.3	11.8	46.1	54.0	-7.9	Peak	Vertical
*	9729.5	33.8	14.4	48.2	88.8	-40.6	Peak	Vertical
*	10256.5	33.1	16.1	49.2	88.8	-39.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4680.5	37.0	2.9	39.9	54.0	-14.1	Peak	Horizontal
	7655.5	33.8	11.9	45.7	54.0	-8.3	Peak	Horizontal
*	9661.5	33.3	14.2	47.5	89.6	-42.1	Peak	Horizontal
*	10307.5	32.4	16.3	48.7	89.6	-40.9	Peak	Horizontal
	4672.0	36.7	2.9	39.6	54.0	-14.4	Peak	Vertical
	7621.5	33.4	11.8	45.2	54.0	-8.8	Peak	Vertical
*	9712.5	33.9	14.3	48.2	89.6	-41.4	Peak	Vertical
*	10239.5	32.4	16.0	48.4	89.6	-41.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.6dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4561.5	35.9	2.7	38.6	54.0	-15.4	Peak	Horizontal
	7579. 0	33.1	11.8	44.9	54.0	-9.1	Peak	Horizontal
*	9670.0	33.1	14.2	47.3	88.4	-41.1	Peak	Horizontal
*	10324.5	32.3	16.3	48.6	88.4	-39.8	Peak	Horizontal
	4544.5	37.0	2.6	39.6	54.0	-14.4	Peak	Vertical
	7553.5	33.8	11.8	45.6	54.0	-8.4	Peak	Vertical
*	9738.0	33.0	14.4	47.4	88.4	-41.0	Peak	Vertical
*	10239.5	32.1	16.0	48.1	88.4	-40.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (118.4dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4595.5	38.2	2.7	40.9	54.0	-13.1	Peak	Horizontal
	7468.5	34.9	11.6	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	34.6	14.1	48.7	87.1	-38.4	Peak	Horizontal
*	10316.0	33.3	16.3	49.6	87.1	-37.5	Peak	Horizontal
	4570.0	38.4	2.7	41.1	54.0	-12.9	Peak	Vertical
	7468.5	35.0	11.6	46.6	54.0	-7.4	Peak	Vertical
*	9797.5	34.2	14.6	48.8	87.1	-38.3	Peak	Vertical
*	10248.0	33.5	16.1	49.6	87.1	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4621.0	39.8	2.8	42.6	54.0	-11.4	Peak	Horizontal
	7613.0	33.9	11.8	45.7	54.0	-8.3	Peak	Horizontal
*	9653.0	35.8	14.1	49.9	91.5	-41.6	Peak	Horizontal
*	10375.5	34.0	16.5	50.5	91.5	-41.0	Peak	Horizontal
	4570.0	38.1	2.7	40.8	54.0	-13.2	Peak	Vertical
	7570.5	34.8	11.8	46.6	54.0	-7.4	Peak	Vertical
*	9644.5	35.2	14.1	49.3	91.5	-42.2	Peak	Vertical
*	10256.5	34.3	16.1	50.4	91.5	-41.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (121.5dBµV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4646.5	38.2	2.8	41.0	54.0	-13.0	Peak	Horizontal
	7664.0	34.9	11.9	46.8	54.0	-7.2	Peak	Horizontal
*	9814.5	34.4	14.7	49.1	85.0	-35.9	Peak	Horizontal
*	10273.5	34.0	16.1	50.1	85.0	-34.9	Peak	Horizontal
	4561.5	38.5	2.7	41.2	54.0	-12.8	Peak	Vertical
	7392.0	36.2	11.5	47.7	54.0	-6.3	Peak	Vertical
*	9610.5	36.2	14.0	50.2	85.0	-34.8	Peak	Vertical
*	10103.5	34.5	15.6	50.1	85.0	-34.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.0dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4629.5	38.0	2.8	40.8	54.0	-13.2	Peak	Horizontal
	7528.0	35.1	11.7	46.8	54.0	-7.2	Peak	Horizontal
*	9712.5	35.2	14.3	49.5	85.6	-36.1	Peak	Horizontal
*	10324.5	33.8	16.3	50.1	85.6	-35.5	Peak	Horizontal
	4621.0	37.8	3.4	41.2	54.0	-12.8	Peak	Vertical
	7587.5	34.3	12.1	46.4	54.0	-7.6	Peak	Vertical
*	9763.5	34.0	15.0	49.0	85.6	-36.6	Peak	Vertical
*	10333.0	33.8	16.4	50.2	85.6	-35.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4527.5	38.1	2.6	40.7	54.0	-13.3	Peak	Horizontal
	7434.5	32.9	11.6	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	34.0	12.9	46.9	94.0	-47.1	Peak	Horizontal
*	10129.0	34.3	15.7	50.0	94.0	-44.0	Peak	Horizontal
	4561.5	38.1	2.7	40.8	54.0	-13.2	Peak	Vertical
	7307.0	39.7	11.3	51.0	54.0	-3.0	Peak	Vertical
*	9644.5	35.0	14.1	49.1	94.0	-44.9	Peak	Vertical
*	10214.0	33.0	15.9	48.9	94.0	-45.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (124.0dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4553.0	38.2	2.7	40.9	54.0	-13.1	Peak	Horizontal
	7451.5	33.7	11.6	45.3	54.0	-8.7	Peak	Horizontal
*	9687.0	34.8	14.2	49.0	84.8	-35.8	Peak	Horizontal
*	10486.0	33.2	16.8	50.0	84.8	-34.8	Peak	Horizontal
	4646.5	38.1	2.8	40.9	54.0	-13.1	Peak	Vertical
	7579.0	35.3	11.8	47.1	54.0	-6.9	Peak	Vertical
*	9602.0	34.9	14.0	48.9	84.8	-35.9	Peak	Vertical
*	10316.0	34.0	16.3	50.3	84.8	-34.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4638.0	38.6	2.8	41.4	54.0	-12.6	Peak	Horizontal
	7613.0	34.9	11.8	46.7	54.0	-7.3	Peak	Horizontal
*	9738.0	36.1	14.4	50.5	82.8	-32.3	Peak	Horizontal
*	10384.0	34.1	16.5	50.6	82.8	-32.2	Peak	Horizontal
	4570.0	37.6	2.7	40.3	54.0	-13.7	Peak	Vertical
	7545.0	34.7	11.8	46.5	54.0	-7.5	Peak	Vertical
*	9644.5	35.1	14.1	49.2	82.8	-33.6	Peak	Vertical
*	10316.0	34.1	16.3	50.4	82.8	-32.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4629.5	38.8	2.8	41.6	54.0	-12.4	Peak	Horizontal
	7562.0	34.3	11.8	46.1	54.0	-7.9	Peak	Horizontal
*	9670.0	35.1	14.2	49.3	84.1	-34.8	Peak	Horizontal
*	10256.5	33.5	16.1	49.6	84.1	-34.5	Peak	Horizontal
	4561.5	38.2	2.7	40.9	54.0	-13.1	Peak	Vertical
	7434.5	34.8	11.6	46.4	54.0	-7.6	Peak	Vertical
*	9738.0	34.9	14.4	49.3	84.1	-34.8	Peak	Vertical
*	10273.5	34.4	16.1	50.5	84.1	-33.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.1dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4638.0	37.7	2.8	40.5	54.0	-13.5	Peak	Horizontal
	7647.0	34.7	11.9	46.6	54.0	-7.4	Peak	Horizontal
*	9593.5	35.4	13.9	49.3	80.8	-31.5	Peak	Horizontal
*	10256.5	34.1	16.1	50.2	80.8	-30.6	Peak	Horizontal
	4612.5	37.7	2.8	40.5	54.0	-13.5	Peak	Vertical
	7536.5	34.8	11.8	46.6	54.0	-7.4	Peak	Vertical
*	9874.0	34.5	14.8	49.3	80.8	-31.5	Peak	Vertical
*	10265.0	34.1	16.1	50.2	80.8	-30.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4578.5	38.7	2.7	41.4	54.0	-12.6	Peak	Horizontal
	7579.0	34.4	11.8	46.2	54.0	-7.8	Peak	Horizontal
*	9882.5	34.6	14.9	49.5	89.1	-39.6	Peak	Horizontal
*	10256.5	34.7	16.1	50.8	89.1	-38.3	Peak	Horizontal
	4604.0	38.6	2.8	41.4	54.0	-12.6	Peak	Vertical
	7570.5	34.4	11.8	46.2	54.0	-7.8	Peak	Vertical
*	9653.0	35.0	14.1	49.1	89.1	-40.0	Peak	Vertical
*	10316.0	33.9	16.3	50.2	89.1	-38.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.1dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	4629.5	37.9	2.8	40.7	54.0	-13.3	Peak	Horizontal
	7332.5	35.1	11.3	46.4	54.0	-7.6	Peak	Horizontal
*	9644.5	34.6	14.1	48.7	93.7	-45.0	Peak	Horizontal
*	10248.0	33.9	16.1	50.0	93.7	-43.7	Peak	Horizontal
	4663.5	37.0	2.9	39.9	54.0	-14.1	Peak	Vertical
	7298.5	39.6	11.3	50.9	54.0	-3.1	Peak	Vertical
*	9780.5	34.6	14.5	49.1	93.7	-44.6	Peak	Vertical
*	10265.0	32.5	16.1	48.6	93.7	-45.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (123.7dBµV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4595.5	37.4	2.7	40.1	54.0	-13.9	Peak	Horizontal
	7468.5	34.6	11.6	46.2	54.0	-7.8	Peak	Horizontal
*	9712.5	35.1	14.3	49.4	85.3	-35.9	Peak	Horizontal
*	10273.5	33.4	16.1	49.5	85.3	-35.8	Peak	Horizontal
	4629.5	37.6	2.8	40.4	54.0	-13.6	Peak	Vertical
	7562.0	34.7	11.8	46.5	54.0	-7.5	Peak	Vertical
*	9712.5	35.5	14.3	49.8	85.3	-35.5	Peak	Vertical
*	10316.0	34.2	16.3	50.5	85.3	-34.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.3dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4561.5	37.9	2.7	40.6	54.0	-13.4	Peak	Horizontal
	7426.0	34.2	11.5	45.7	54.0	-8.3	Peak	Horizontal
*	9891.0	34.8	14.9	49.7	85.6	-35.9	Peak	Horizontal
*	10256.5	35.1	16.1	51.2	85.6	-34.4	Peak	Horizontal
	4638.0	38.2	2.8	41.0	54.0	-13.0	Peak	Vertical
	7468.5	34.5	11.6	46.1	54.0	-7.9	Peak	Vertical
*	9678.5	33.4	14.2	47.6	85.6	-38.0	Peak	Vertical
*	10265.0	34.5	16.1	50.6	85.6	-35.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4629.5	37.4	2.8	40.2	54.0	-13.8	Peak	Horizontal
	7681.0	35.1	11.9	47.0	54.0	-7.0	Peak	Horizontal
*	9712.5	34.7	14.3	49.0	86.8	-37.8	Peak	Horizontal
*	10248.0	34.2	16.1	50.3	86.8	-36.5	Peak	Horizontal
	4629.5	37.8	2.8	40.6	54.0	-13.4	Peak	Vertical
	7409.0	34.2	11.5	45.7	54.0	-8.3	Peak	Vertical
*	9772.0	33.3	14.5	47.8	86.8	-39.0	Peak	Vertical
*	10256.5	35.0	16.1	51.1	86.8	-35.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	52%
Test Site	AC1	Test Date	2020/03/04
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4646.5	37.7	2.8	40.5	54.0	-13.5	Peak	Horizontal
	7460.0	34.9	11.6	46.5	54.0	-7.5	Peak	Horizontal
*	9882.5	34.1	14.9	49.0	83.8	-34.8	Peak	Horizontal
*	10299.0	33.4	16.2	49.6	83.8	-34.2	Peak	Horizontal
	4561.5	38.0	2.7	40.7	54.0	-13.3	Peak	Vertical
	7426.0	34.3	11.5	45.8	54.0	-8.2	Peak	Vertical
*	9687.0	35.0	14.2	49.2	83.8	-34.6	Peak	Vertical
*	10341.5	33.5	16.4	49.9	83.8	-33.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.8dBμV/m) or 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)

Antenna Model: ANT-2x2-2314

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4026.0	42.2	0.2	42.4	54.0	-11.6	PK	Horizontal
	4825.0	41.1	3.2	44.3	54.0	-9.7	PK	Horizontal
*	5250.0	40.9	3.7	44.6	91.4	-46.8	PK	Horizontal
*	6219.0	39.9	6.6	46.5	91.4	-44.9	PK	Horizontal
	4825.0	41.7	3.2	44.9	54.0	-9.1	PK	Vertical
	5105.5	40.7	3.6	44.3	54.0	-9.7	PK	Vertical
*	5241.5	38.9	3.7	42.6	91.4	-48.8	PK	Vertical
*	6448.5	38.9	7.5	46.4	91.4	-45.0	PK	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (121.4dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4247.0	41.4	1.3	42.7	54.0	-11.3	Peak	Horizontal
	4833.5	40.8	3.2	44.0	54.0	-10.0	Peak	Horizontal
*	5233.0	40.6	3.7	44.3	91.5	-47.2	Peak	Horizontal
*	6491.0	39.1	7.7	46.8	91.5	-44.7	Peak	Horizontal
	3839.0	42.3	-0.4	41.9	54.0	-12.1	Peak	Vertical
	5071.5	40.3	3.6	43.9	54.0	-10.1	Peak	Vertical
*	5998.0	39.4	5.8	45.2	91.5	-46.3	Peak	Vertical
*	6618.5	38.0	8.4	46.4	91.5	-45.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (121.5dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11b - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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	42.5	3.2	45.7	54.0	-8.3	Peak	Horizontal
	5097.0	41.0	3.6	44.6	54.0	-9.4	Peak	Horizontal
*	5998.0	39.4	5.8	45.2	89.3	-44.1	Peak	Horizontal
*	6695.0	37.9	8.8	46.7	89.3	-42.6	Peak	Horizontal
	4825.0	40.9	3.2	44.1	54.0	-9.9	Peak	Vertical
	5105.5	41.2	3.6	44.8	54.0	-9.2	Peak	Vertical
*	5607.0	40.6	4.3	44.9	89.3	-44.4	Peak	Vertical
*	7069.0	37.7	10.8	48.5	89.3	-40.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.3dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4247.0	42.2	1.3	43.5	54.0	-10.5	Peak	Horizontal
	5114.0	41.4	3.6	45.0	54.0	-9.0	Peak	Horizontal
*	6006.5	39.3	5.8	45.1	89.5	-44.4	Peak	Horizontal
*	7069.0	37.7	10.8	48.5	89.5	-41.0	Peak	Horizontal
	4391.5	41.9	2.0	43.9	54.0	-10.1	Peak	Vertical
	4816.5	40.8	3.2	44.0	54.0	-10.0	Peak	Vertical
*	5964.0	40.5	5.7	46.2	89.5	-43.3	Peak	Vertical
*	6593.0	38.4	8.2	46.6	89.5	-42.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.5dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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	41.6	3.2	44.8	54.0	-9.2	Peak	Horizontal
	5071.5	41.8	3.6	45.4	54.0	-8.6	Peak	Horizontal
*	5862.0	39.8	5.3	45.1	93.6	-48.5	Peak	Horizontal
*	6525.0	38.9	7.8	46.7	93.6	-46.9	Peak	Horizontal
	4238.5	41.8	1.3	43.1	54.0	-10.9	Peak	Vertical
	4825.0	41.5	3.2	44.7	54.0	-9.3	Peak	Vertical
*	5989.5	39.9	5.8	45.7	93.6	-47.9	Peak	Vertical
*	6831.0	37.8	9.6	47.4	93.6	-46.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (123.6BμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11g - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4213.0	41.9	1.1	43.0	54.0	-11.0	Peak	Horizontal
	4816.5	42.3	3.2	45.5	54.0	-8.5	Peak	Horizontal
*	5930.0	40.6	5.5	46.1	87.8	-41.7	Peak	Horizontal
*	6610.0	39.5	8.3	47.8	87.8	-40.0	Peak	Horizontal
	4009.0	41.8	0.6	42.4	54.0	-11.6	Peak	Vertical
	5139.5	41.3	3.3	44.6	54.0	-9.4	Peak	Vertical
*	5930.0	41.3	4.5	45.8	87.8	-42.0	Peak	Vertical
*	6950.0	39.8	8.4	48.2	87.8	-39.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3975.0	42.0	0.0	42.0	54.0	-12.0	Peak	Horizontal
	4825.0	41.7	3.2	44.9	54.0	-9.1	Peak	Horizontal
*	5675.0	40.2	4.5	44.7	88.9	-44.2	Peak	Horizontal
*	6533.5	39.7	7.9	47.6	88.9	-41.3	Peak	Horizontal
	3966.5	42.7	0.0	42.7	54.0	-11.3	Peak	Vertical
	4825.0	41.0	3.2	44.2	54.0	-9.8	Peak	Vertical
*	5666.5	40.7	4.5	45.2	88.9	-43.7	Peak	Vertical
*	6729.0	38.1	9.0	47.1	88.9	-41.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (118.9dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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	41.6	3.2	44.8	54.0	-9.2	Peak	Horizontal
	5071.5	41.8	3.6	45.4	54.0	-8.6	Peak	Horizontal
*	5556.0	40.9	4.1	45.0	93.9	-48.9	Peak	Horizontal
*	6525.0	38.9	7.8	46.7	93.9	-47.2	Peak	Horizontal
	4332.0	41.3	1.7	43.0	54.0	-11.0	Peak	Vertical
	4978.0	41.8	3.5	45.3	54.0	-8.7	Peak	Vertical
*	5989.5	39.9	5.8	45.7	93.9	-48.2	Peak	Vertical
*	7179.5	37.8	11.0	48.8	93.9	-45.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (123.9dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4281.0	41.3	1.5	42.8	54.0	-11.2	Peak	Horizontal
	5097.0	41.7	3.6	45.3	54.0	-8.7	Peak	Horizontal
*	6023.5	40.0	5.9	45.9	86.6	-40.7	Peak	Horizontal
*	7035.0	38.0	10.7	48.7	86.6	-37.9	Peak	Horizontal
	4298.0	41.1	1.6	42.7	54.0	-11.3	Peak	Vertical
	4969.5	41.6	3.5	45.1	54.0	-8.9	Peak	Vertical
*	5981.0	40.1	5.7	45.8	86.6	-40.8	Peak	Vertical
*	6924.5	39.0	10.2	49.2	86.6	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.6dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4238.5	41.2	1.3	42.5	54.0	-11.5	Peak	Horizontal
	4842.0	41.4	3.2	44.6	54.0	-9.4	Peak	Horizontal
*	5751.5	39.5	4.8	44.3	84.4	-40.1	Peak	Horizontal
*	6508.0	38.3	7.7	46.0	84.4	-38.4	Peak	Horizontal
	4060.0	41.5	0.4	41.9	54.0	-12.1	Peak	Vertical
	5080.0	40.4	3.6	44.0	54.0	-10.0	Peak	Vertical
*	5777.0	39.9	4.9	44.8	84.4	-39.6	Peak	Vertical
*	6848.0	37.3	9.7	47.0	84.4	-37.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.4dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4221.5	40.9	1.2	42.1	54.0	-11.9	Peak	Horizontal
	4833.5	40.8	3.2	44.0	54.0	-10.0	Peak	Horizontal
*	5326.5	40.8	3.8	44.6	85.2	-40.6	Peak	Horizontal
*	6567.5	38.5	8.1	46.6	85.2	-38.6	Peak	Horizontal
	4663.5	41.0	2.9	43.9	54.0	-10.1	Peak	Vertical
	5097.0	40.6	3.6	44.2	54.0	-9.8	Peak	Vertical
*	5913.0	39.5	5.5	45.0	85.2	-40.2	Peak	Vertical
*	7026.5	37.0	10.7	47.7	85.2	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.2dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4315.0	41.4	1.6	43.0	54.0	-11.0	Peak	Horizontal
	5080.0	41.1	3.6	44.7	54.0	-9.3	Peak	Horizontal
*	6236.0	38.8	6.7	45.5	83.8	-38.3	Peak	Horizontal
*	7077.5	37.5	10.8	48.3	83.8	-35.5	Peak	Horizontal
	4213.0	41.8	1.1	42.9	54.0	-11.1	Peak	Vertical
	4842.0	40.4	3.2	43.6	54.0	-10.4	Peak	Vertical
*	5904.5	39.2	5.4	44.6	83.8	-39.2	Peak	Vertical
*	7196.5	37.6	11.0	48.6	83.8	-35.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4255.5	41.7	1.3	43.0	54.0	-11.0	Peak	Horizontal
	4825.0	42.2	3.2	45.4	54.0	-8.6	Peak	Horizontal
*	5573.0	40.9	4.2	45.1	92.0	-46.9	Peak	Horizontal
*	6856.5	37.9	9.8	47.7	92.0	-44.3	Peak	Horizontal
	4238.5	41.2	1.3	42.5	54.0	-11.5	Peak	Vertical
	4816.5	41.4	3.2	44.6	54.0	-9.4	Peak	Vertical
*	5998.0	39.6	5.8	45.4	92.0	-46.6	Peak	Vertical
*	7179.5	37.4	11.0	48.4	92.0	-43.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (122.0dBµV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4230.0	40.8	1.2	42.0	54.0	-12.0	Peak	Horizontal
	4816.5	41.8	3.2	45.0	54.0	-9.0	Peak	Horizontal
*	5998.0	39.5	5.8	45.3	87.2	-41.9	Peak	Horizontal
*	6941.5	38.4	10.3	48.7	87.2	-38.5	Peak	Horizontal
	4111.0	41.1	0.6	41.7	54.0	-12.3	Peak	Vertical
	5054.5	41.3	3.6	44.9	54.0	-9.1	Peak	Vertical
*	5938.5	40.5	5.6	46.1	87.2	-41.1	Peak	Vertical
*	7230.5	37.0	11.1	48.1	87.2	-39.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.2dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4247.0	41.3	1.3	42.6	54.0	-11.4	Peak	Horizontal
	4995.0	42.0	3.5	45.5	54.0	-8.5	Peak	Horizontal
*	5760.0	40.1	4.9	45.0	89.8	-44.8	Peak	Horizontal
*	6576.0	38.7	8.1	46.8	89.8	-43.0	Peak	Horizontal
	4162.0	41.2	0.9	42.1	54.0	-11.9	Peak	Vertical
	5046.0	40.5	3.6	44.1	54.0	-9.9	Peak	Vertical
*	5802.5	40.3	5.0	45.3	89.8	-44.5	Peak	Vertical
*	6576.0	39.0	8.1	47.1	89.8	-42.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.8dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4247.0	41.9	1.3	43.2	54.0	-10.8	Peak	Horizontal
	5071.5	40.7	3.6	44.3	54.0	-9.7	Peak	Horizontal
*	6482.5	38.5	7.6	46.1	83.7	-37.6	Peak	Horizontal
*	6924.5	37.7	10.2	47.9	83.7	-35.8	Peak	Horizontal
	4298.0	40.8	1.6	42.4	54.0	-11.6	Peak	Vertical
	4961.0	40.8	3.5	44.3	54.0	-9.7	Peak	Vertical
*	5913.0	39.9	5.5	45.4	83.7	-38.3	Peak	Vertical
*	6584.5	38.4	8.2	46.6	83.7	-37.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4289.5	40.6	1.5	42.1	54.0	-11.9	Peak	Horizontal
	5054.5	41.5	3.6	45.1	54.0	-8.9	Peak	Horizontal
*	6304.0	38.9	7.0	45.9	86.4	-40.5	Peak	Horizontal
*	7111.5	37.3	10.9	48.2	86.4	-38.2	Peak	Horizontal
	4060.0	42.0	0.4	42.4	54.0	-11.6	Peak	Vertical
	4833.5	40.8	3.2	44.0	54.0	-10.0	Peak	Vertical
*	6771.5	38.1	9.3	47.4	86.4	-39.0	Peak	Vertical
*	7188.0	37.9	11.0	48.9	86.4	-37.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.4dBμV/m) or 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)

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	AC1	Test Date	2020/03/13
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 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
	4374.5	40.5	1.9	42.4	54.0	-11.6	Peak	Horizontal
	4808.0	41.2	3.2	44.4	54.0	-9.6	Peak	Horizontal
*	5734.5	41.1	4.8	45.9	84.9	-39.0	Peak	Horizontal
*	6610.0	38.3	8.3	46.6	84.9	-38.3	Peak	Horizontal
	4255.5	41.8	1.3	43.1	54.0	-10.9	Peak	Vertical
	5080.0	41.0	3.6	44.6	54.0	-9.4	Peak	Vertical
*	5964.0	40.4	5.7	46.1	84.9	-38.8	Peak	Vertical
*	6848.0	38.1	9.7	47.8	84.9	-37.1	Peak	Vertical

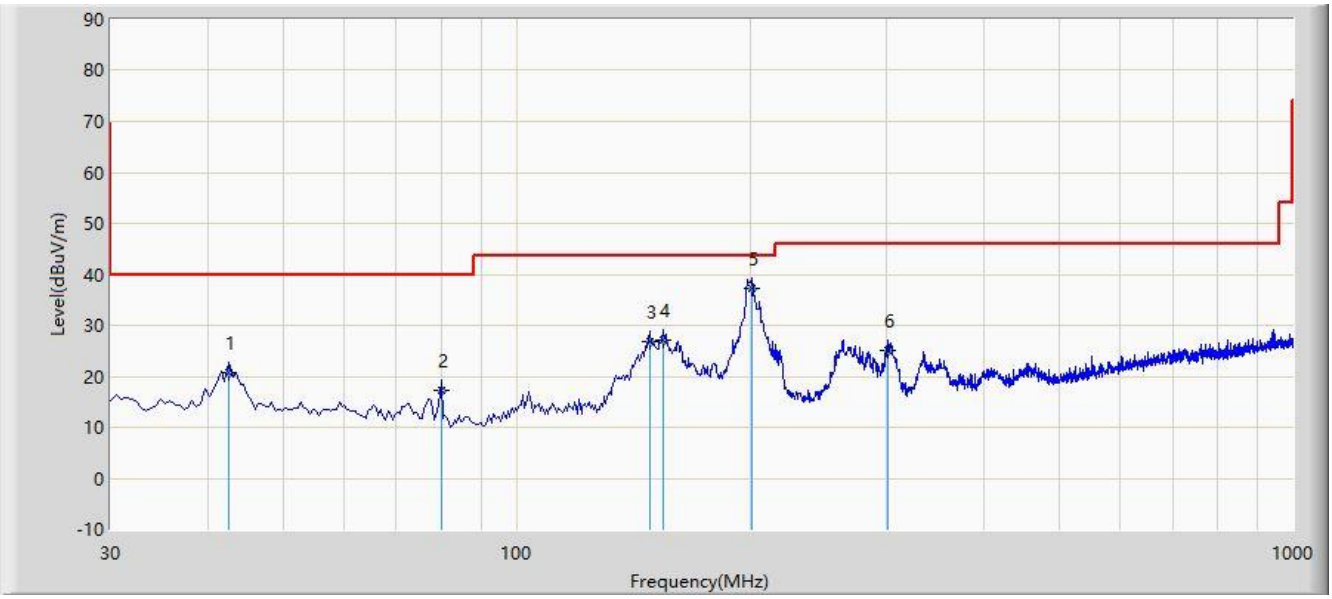
Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (114.9dBμV/m) or 15.209 which is higher.

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 below 1GHz:

Site: AC1	Time: 2020/05/10 - 15:01
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Note: There is the worst case within frequency range 30MHz~1GHz.	



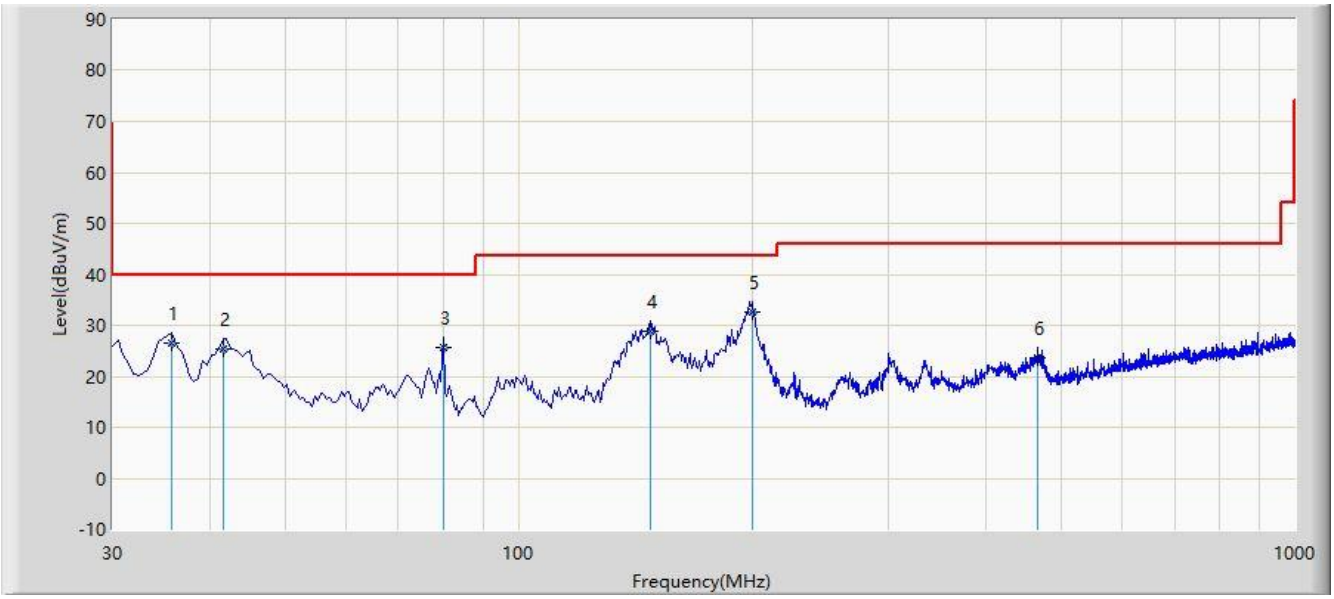
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			42.610	20.684	-0.363	-19.316	40.000	21.047	QP
2			79.955	17.370	3.208	-22.630	40.000	14.162	QP
3			148.340	26.743	11.026	-16.757	43.500	15.717	QP
4			154.645	27.116	11.182	-16.384	43.500	15.934	QP
5		*	201.205	37.318	18.411	-6.182	43.500	18.906	QP
6			300.630	25.163	3.739	-20.837	46.000	21.424	QP

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/05/10 - 15:06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Note: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			35.820	26.426	7.137	-13.574	40.000	19.289	QP
2			41.640	25.446	4.542	-14.554	40.000	20.904	QP
3			79.955	25.711	11.549	-14.289	40.000	14.162	QP
4			147.855	28.746	13.046	-14.754	43.500	15.701	QP
5		*	199.750	32.566	13.621	-10.934	43.500	18.945	QP
6			466.500	23.589	-1.608	-22.411	46.000	25.197	QP

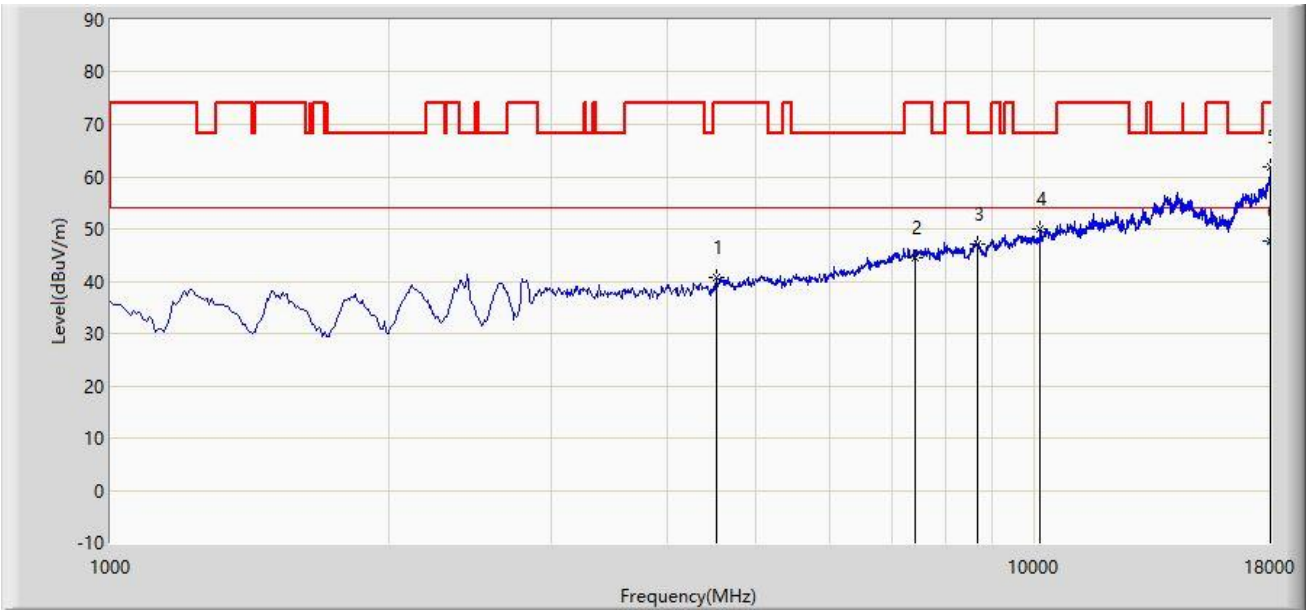
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

The Worst Case of Radiated Emission above 1GHz:

Site: AC1	Time: 2020/03/13 - 19:27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	



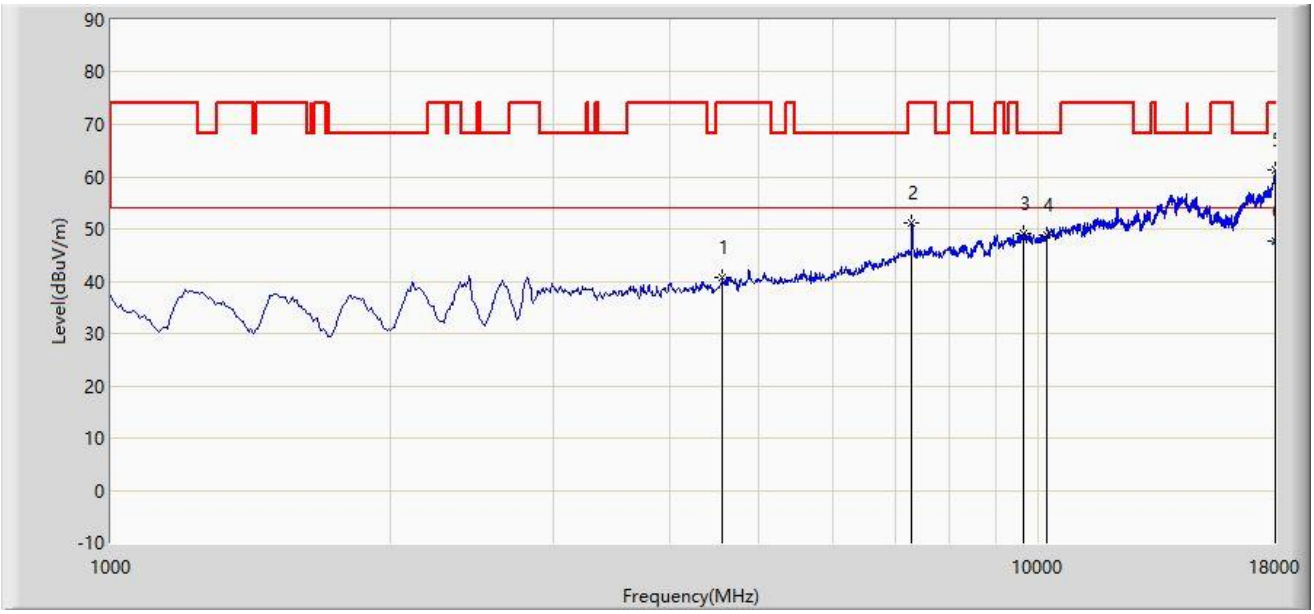
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4527.500	40.742	38.136	-33.258	74.000	2.606	PK
2			7434.500	44.484	32.915	-29.516	74.000	11.569	PK
3			8684.000	46.992	34.049	-21.208	68.200	12.943	PK
4			10129.000	49.972	34.297	-18.228	68.200	15.675	PK
5			18000.000	61.782	30.312	-12.218	74.000	31.470	PK
6		*	18000.000	47.820	16.350	-6.180	54.000	31.470	AV

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/03/13 - 19:28
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			4561.500	40.815	38.142	-33.185	74.000	2.673	PK
2			7307.000	51.026	39.742	-22.974	74.000	11.284	PK
3			9644.500	49.067	34.973	-19.133	68.200	14.094	PK
4			10214.000	48.902	32.953	-19.298	68.200	15.949	PK
5			18000.000	61.391	29.921	-12.609	74.000	31.470	PK
6		*	18000.000	47.810	16.340	-6.190	54.000	31.470	AV

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 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 47CFR must not exceed the limits shown in Table per Section 15.209.

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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

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

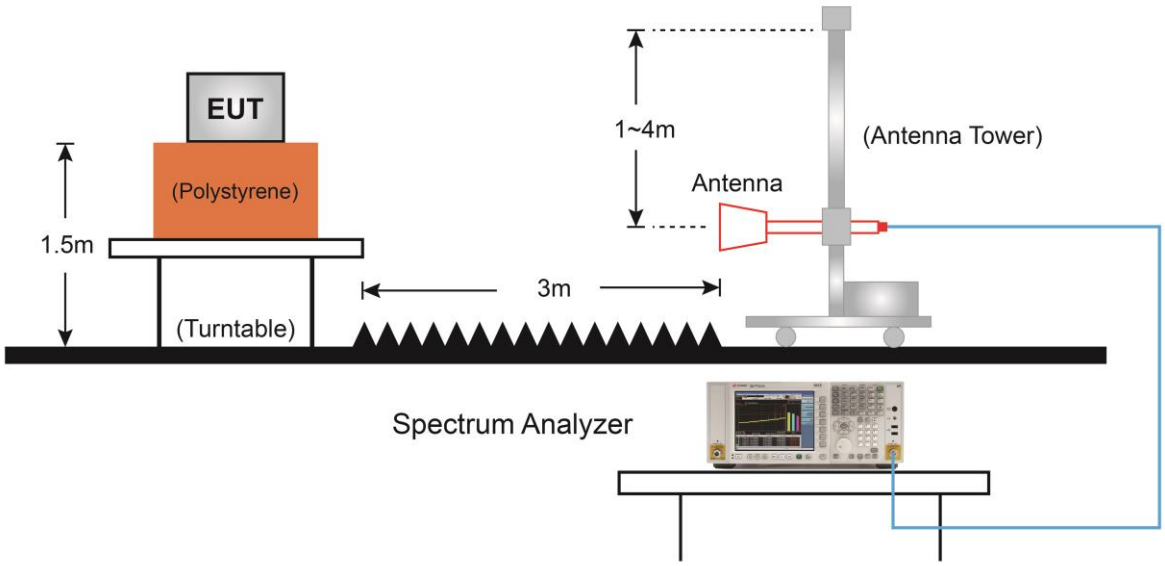
4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

7. Trace was allowed to stabilize

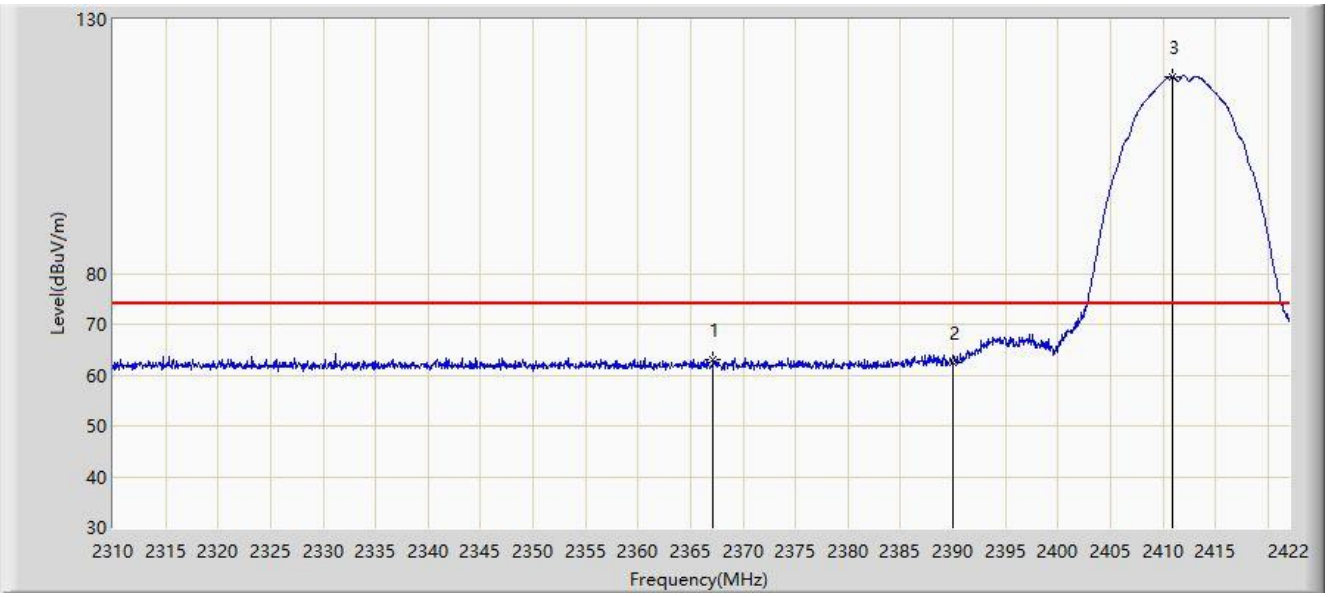
7.7.4.Test Setup



7.7.5.Test Result

Antenna Model: AP-ANT-20W

Site: AC1	Time: 2020/03/05 - 18:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2412MHz	

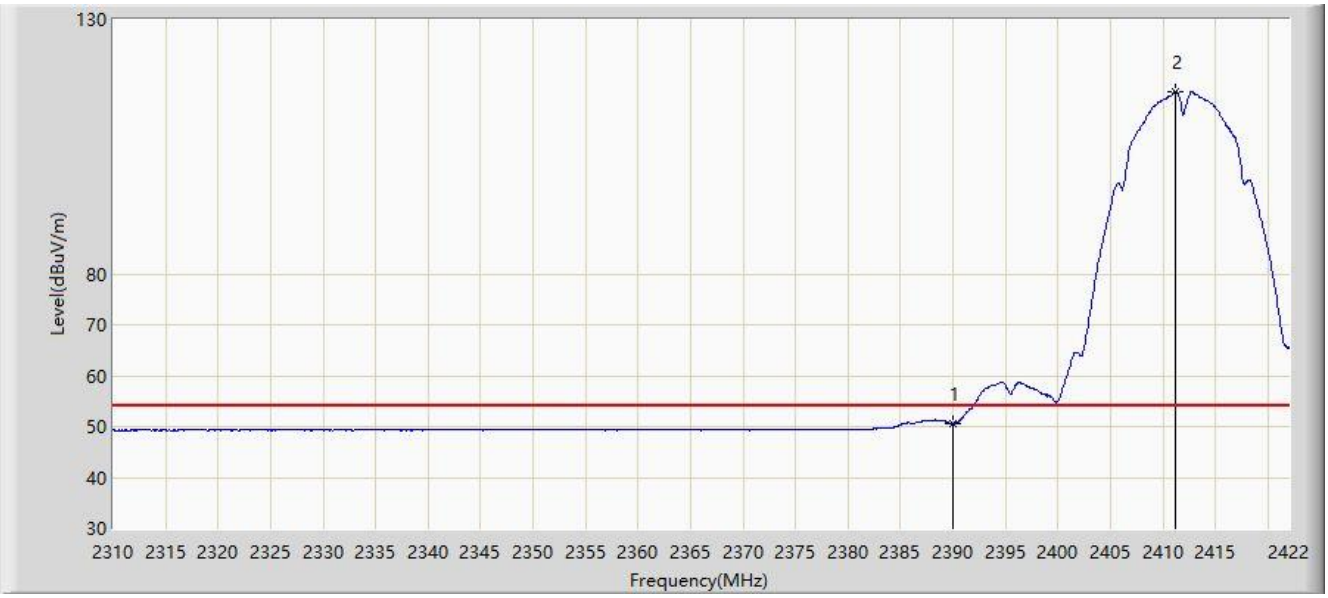


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2367.176	63.128	65.959	-10.872	74.000	-2.831	PK
2			2390.000	62.417	65.143	-11.583	74.000	-2.726	PK
3		*	2410.968	118.760	121.390	N/A	N/A	-2.630	PK

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

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

Site: AC1	Time: 2020/03/05 - 18:51
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2412MHz	

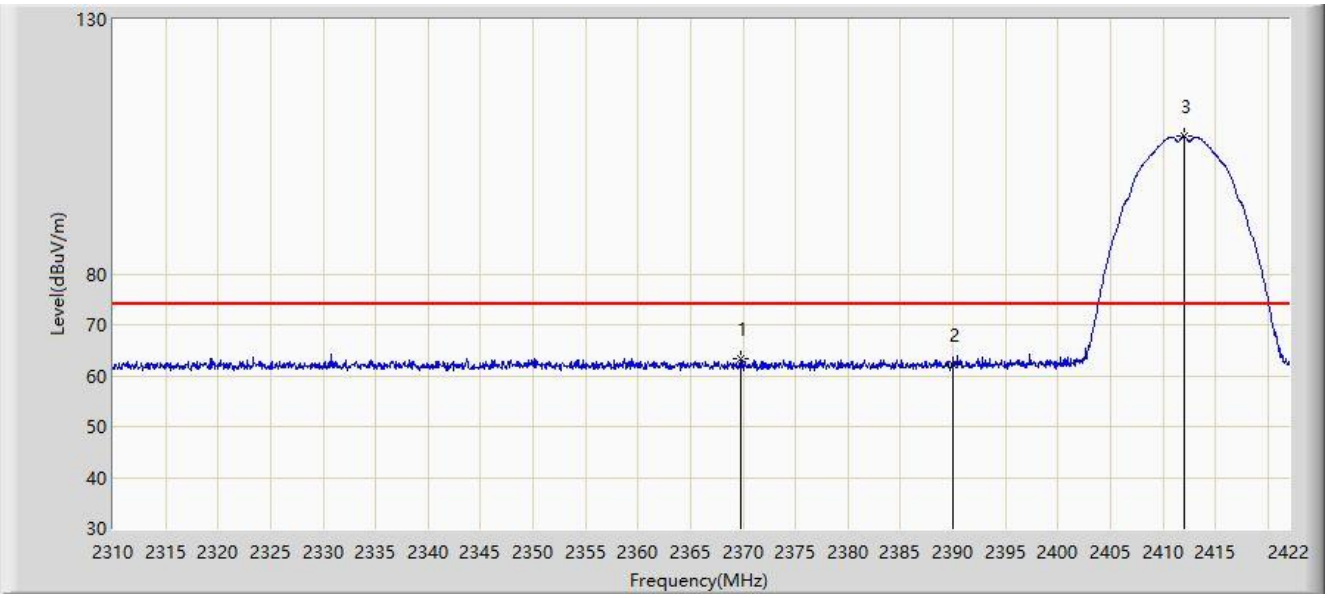


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.581	53.307	-3.419	54.000	-2.726	AV
2	X	*	2411.192	115.880	118.509	N/A	N/A	-2.629	AV

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

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

Site: AC1	Time: 2020/03/05 - 18:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2412MHz	

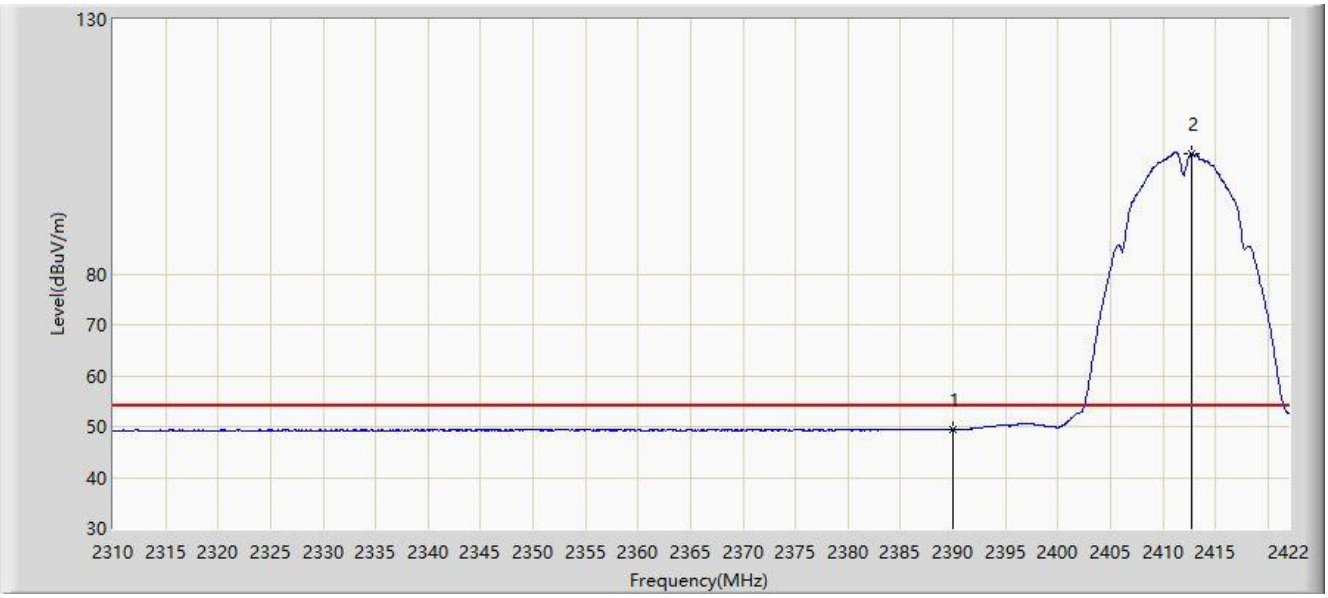


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.752	63.282	66.101	-10.718	74.000	-2.819	PK
2			2390.000	62.229	64.955	-11.771	74.000	-2.726	PK
3		*	2412.032	107.084	109.709	N/A	N/A	-2.625	PK

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

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

Site: AC1	Time: 2020/03/05 - 18:55
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2412MHz	

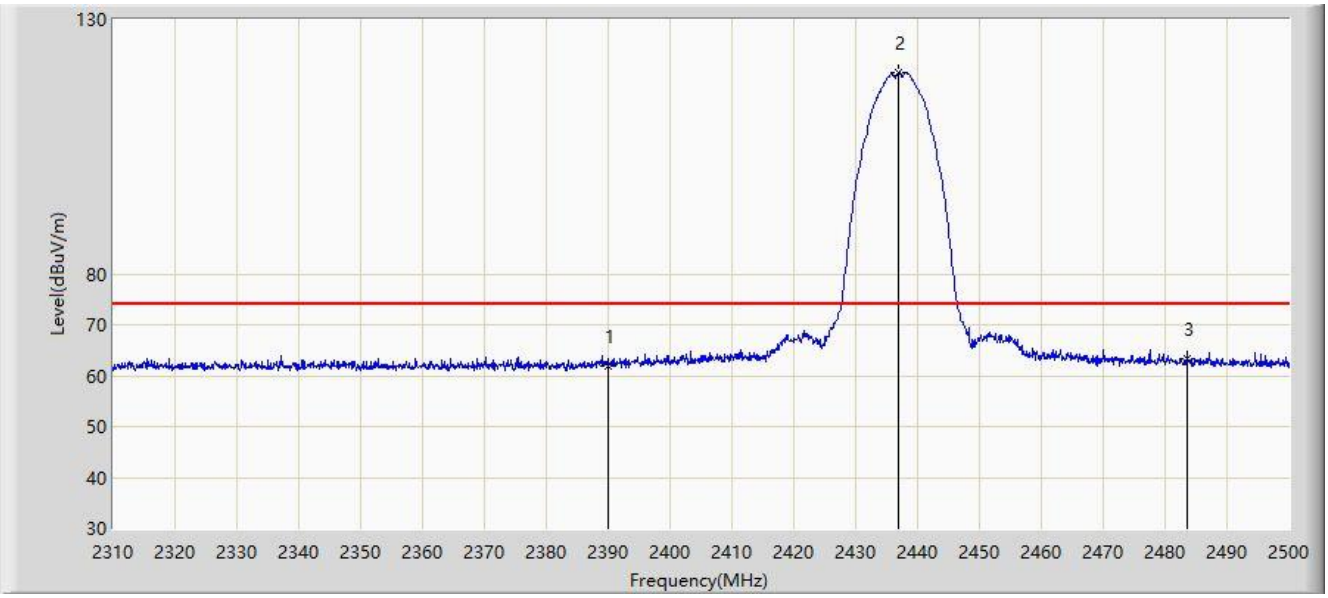


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.395	52.121	-4.605	54.000	-2.726	AV
2		*	2412.704	103.641	106.263	N/A	N/A	-2.622	AV

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

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

Site: AC1	Time: 2020/03/05 - 18:56
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2437MHz	

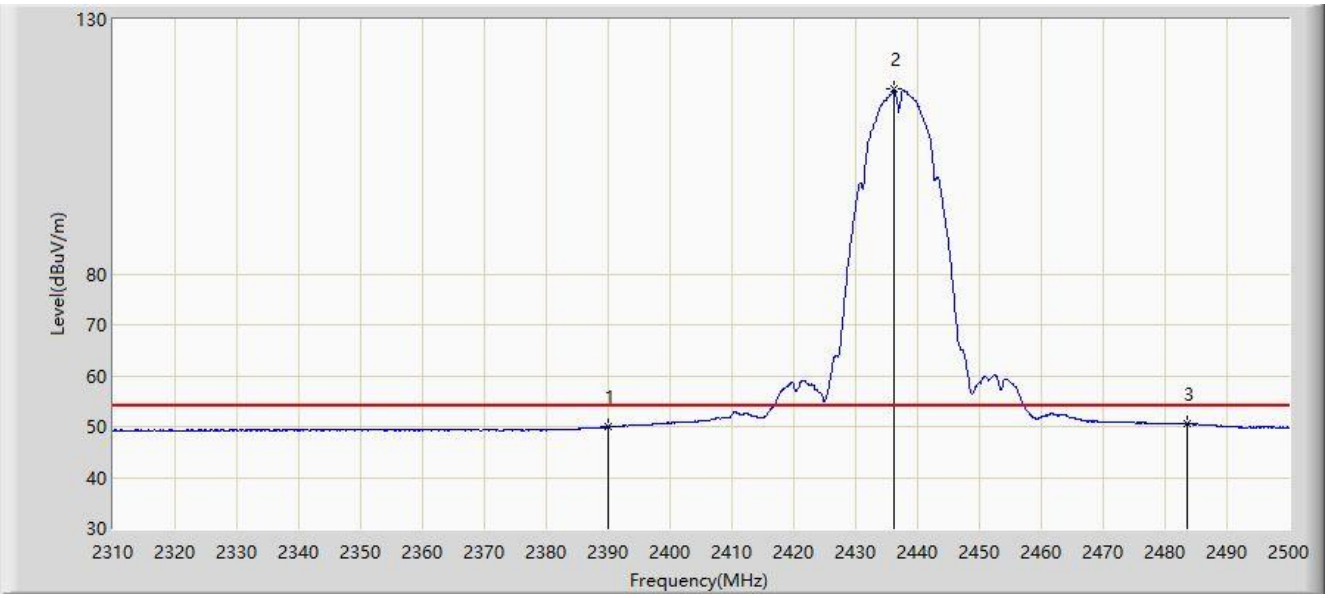


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	61.932	64.658	-12.068	74.000	-2.726	PK
2		*	2436.920	119.617	122.127	N/A	N/A	-2.511	PK
3			2483.500	63.295	65.591	-10.705	74.000	-2.296	PK

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

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

Site: AC1	Time: 2020/03/05 - 18:58
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2437MHz	

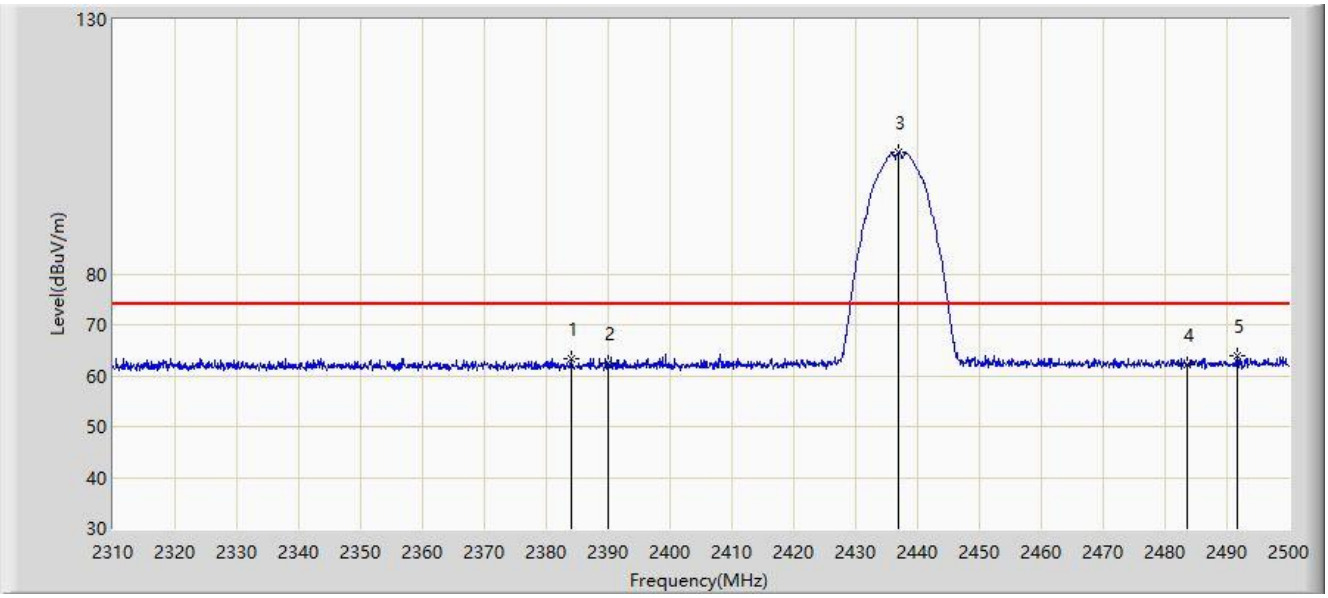


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.939	52.665	-4.061	54.000	-2.726	AV
2	X	*	2436.160	116.235	118.749	N/A	N/A	-2.513	AV
3			2483.500	50.575	52.871	-3.425	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/05 - 19:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2437MHz	

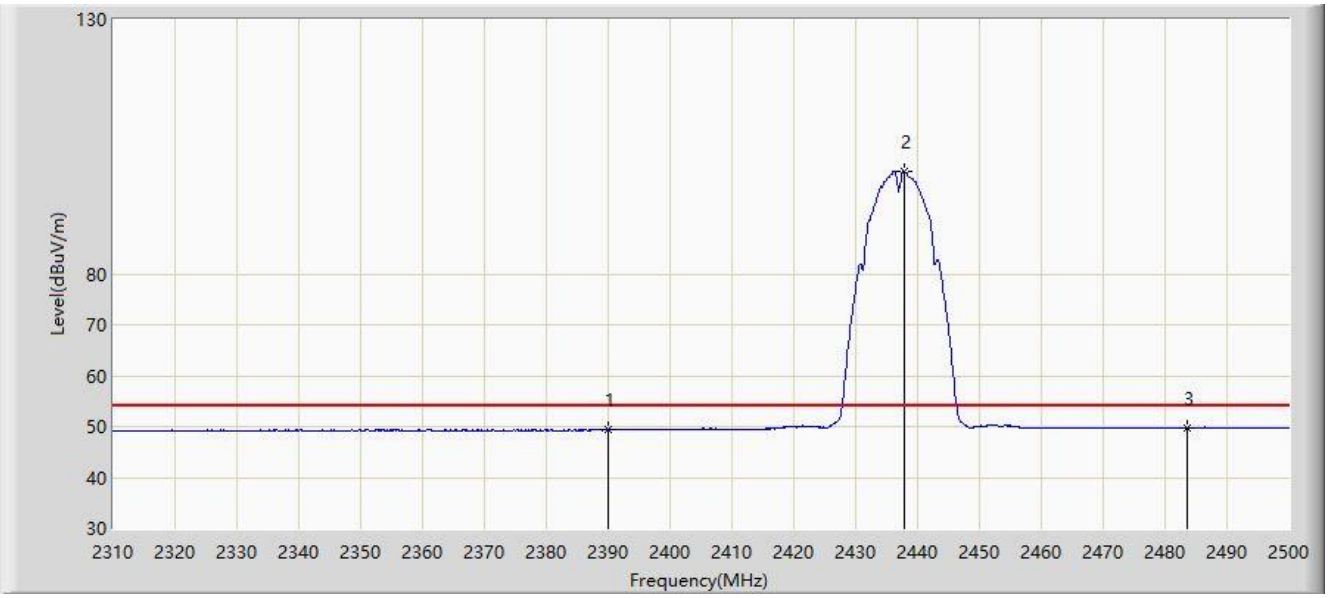


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.100	63.403	66.156	-10.597	74.000	-2.753	PK
2			2390.000	62.523	65.249	-11.477	74.000	-2.726	PK
3		*	2436.920	103.864	106.374	N/A	N/A	-2.511	PK
4			2483.500	62.164	64.460	-11.836	74.000	-2.296	PK
5			2491.735	63.791	66.049	-10.209	74.000	-2.258	PK

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

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

Site: AC1	Time: 2020/03/05 - 19:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2437MHz	

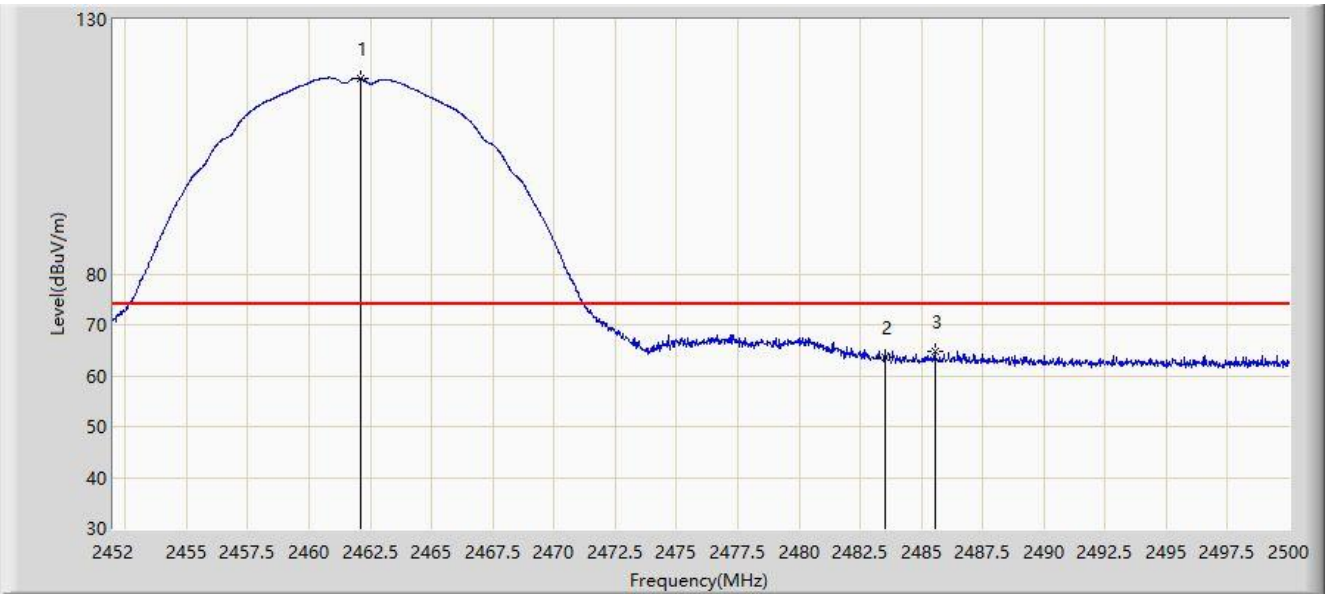


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.393	52.119	-4.607	54.000	-2.726	AV
2		*	2437.870	100.066	102.572	N/A	N/A	-2.505	AV
3			2483.500	49.724	52.020	-4.276	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/05 - 19:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.128	118.377	120.771	N/A	N/A	-2.395	PK
2			2483.500	63.584	65.880	-10.416	74.000	-2.296	PK
3			2485.552	64.818	67.104	-9.182	74.000	-2.286	PK

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

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

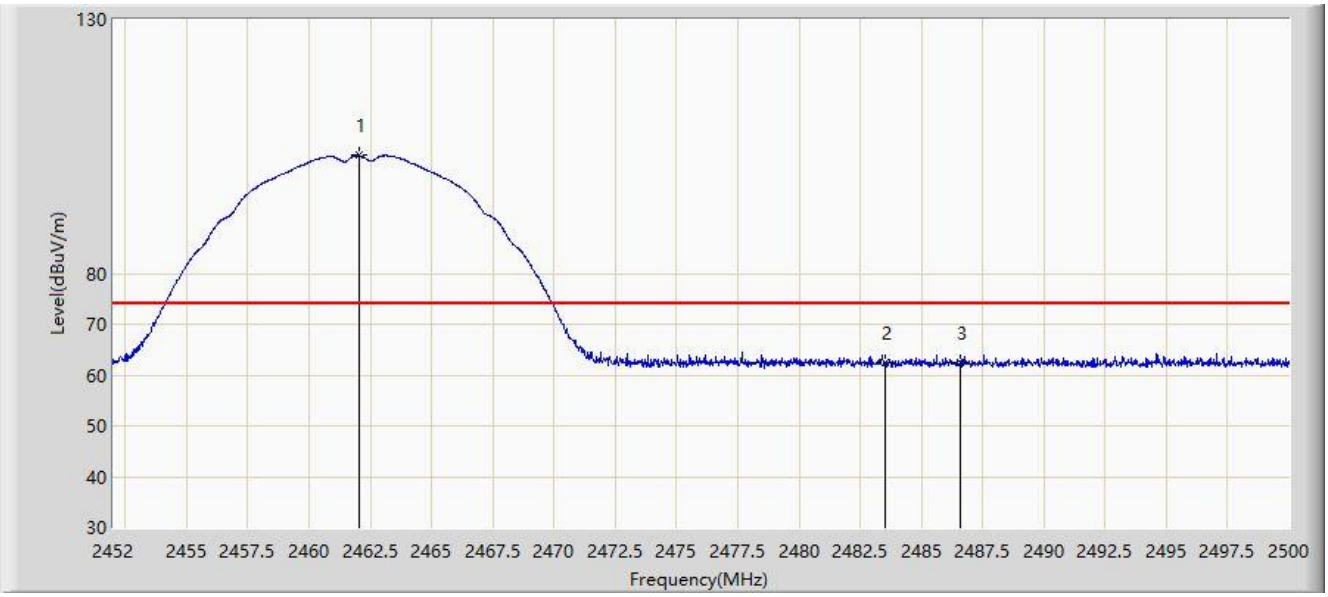
Site: AC1	Time: 2020/03/05 - 19:40
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2462.680	114.950	117.342	N/A	N/A	-2.392	AV
2			2483.500	51.029	53.325	-2.971	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/05 - 19:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.056	103.191	105.585	N/A	N/A	-2.395	PK
2			2483.500	62.449	64.745	-11.551	74.000	-2.296	PK
3			2486.608	62.592	64.873	-11.408	74.000	-2.281	PK

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

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

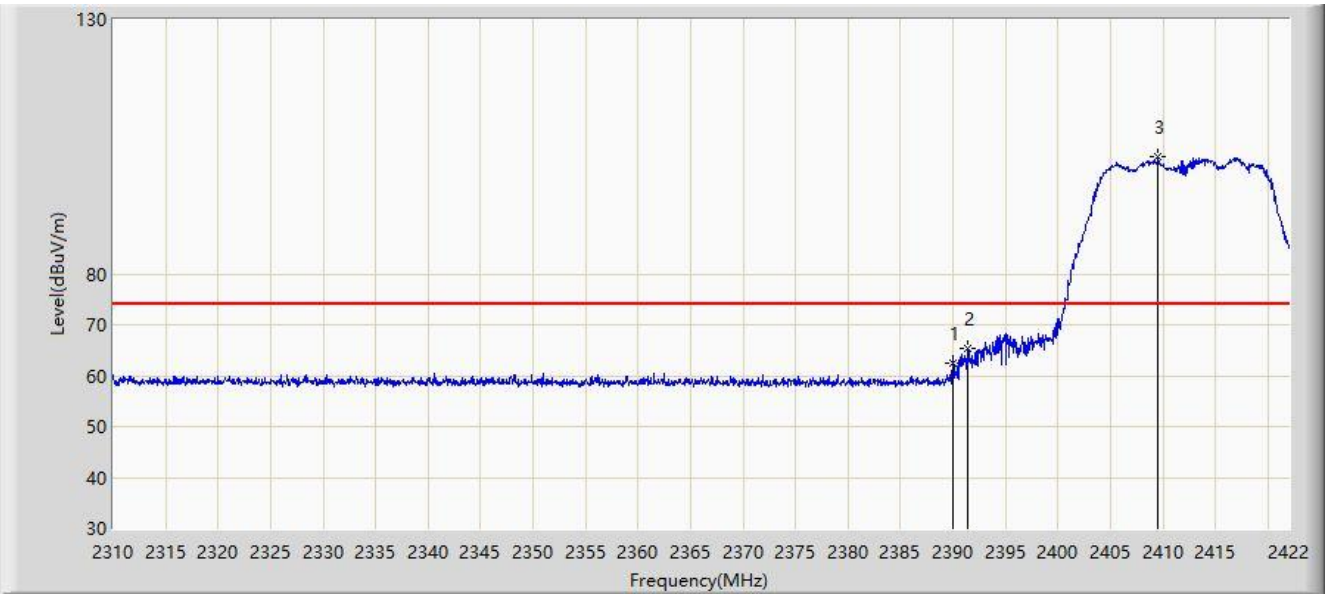
Site: AC1	Time: 2020/03/05 - 19:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11b at Channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	99.850	102.248	N/A	N/A	-2.397	AV
2			2483.500	49.757	52.053	-4.243	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 22:12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2412MHz	

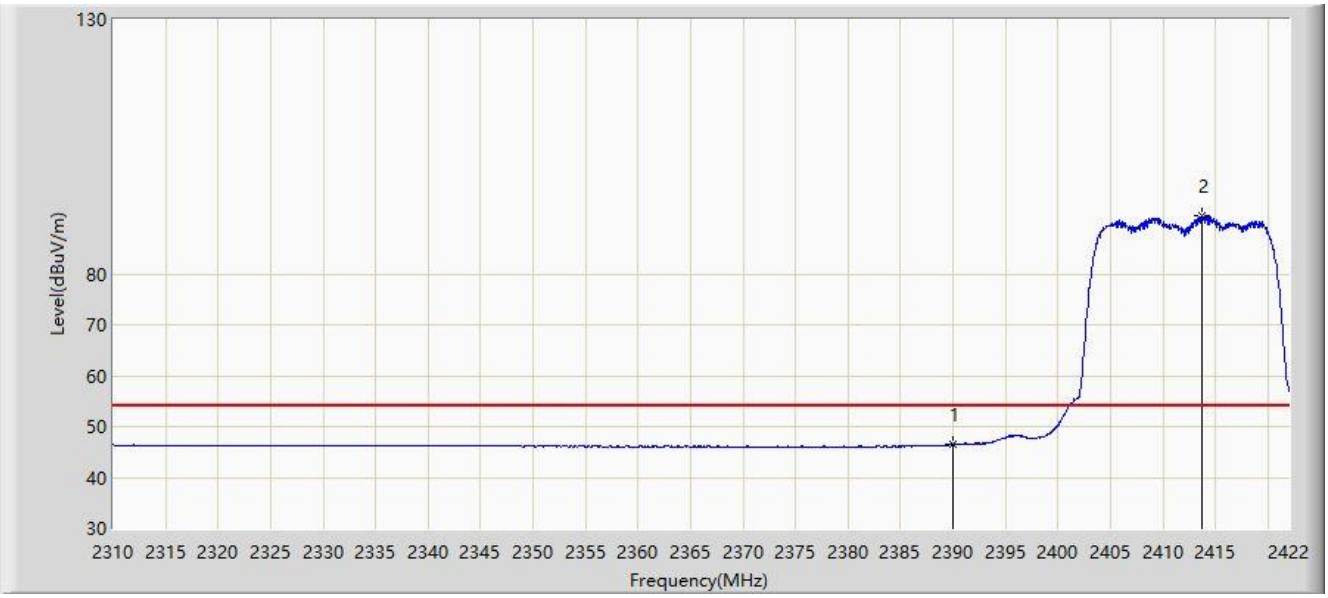


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	62.428	65.154	-11.572	74.000	-2.726	PK
2			2391.424	65.432	68.151	-8.568	74.000	-2.719	PK
3		*	2409.512	102.941	105.578	N/A	N/A	-2.637	PK

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

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

Site: AC1	Time: 2019/12/31 - 22:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2412MHz	

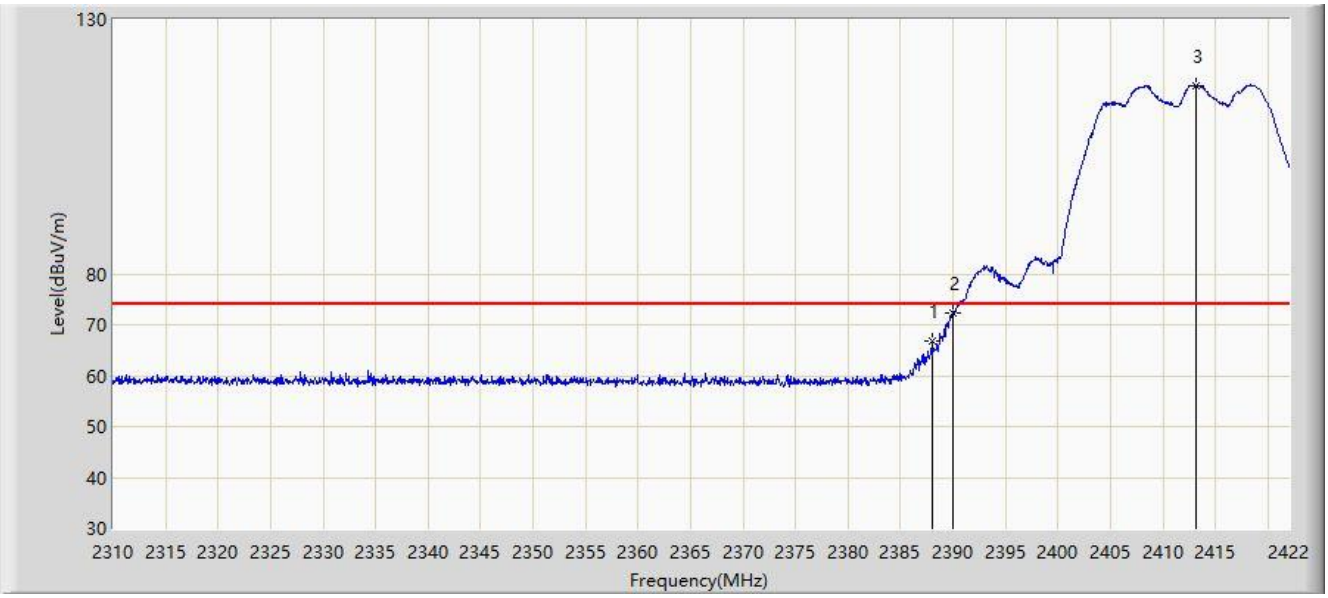


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.476	49.202	-7.524	54.000	-2.726	AV
2		*	2413.712	91.415	94.033	N/A	N/A	-2.618	AV

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

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

Site: AC1	Time: 2019/12/31 - 22:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2412MHz	

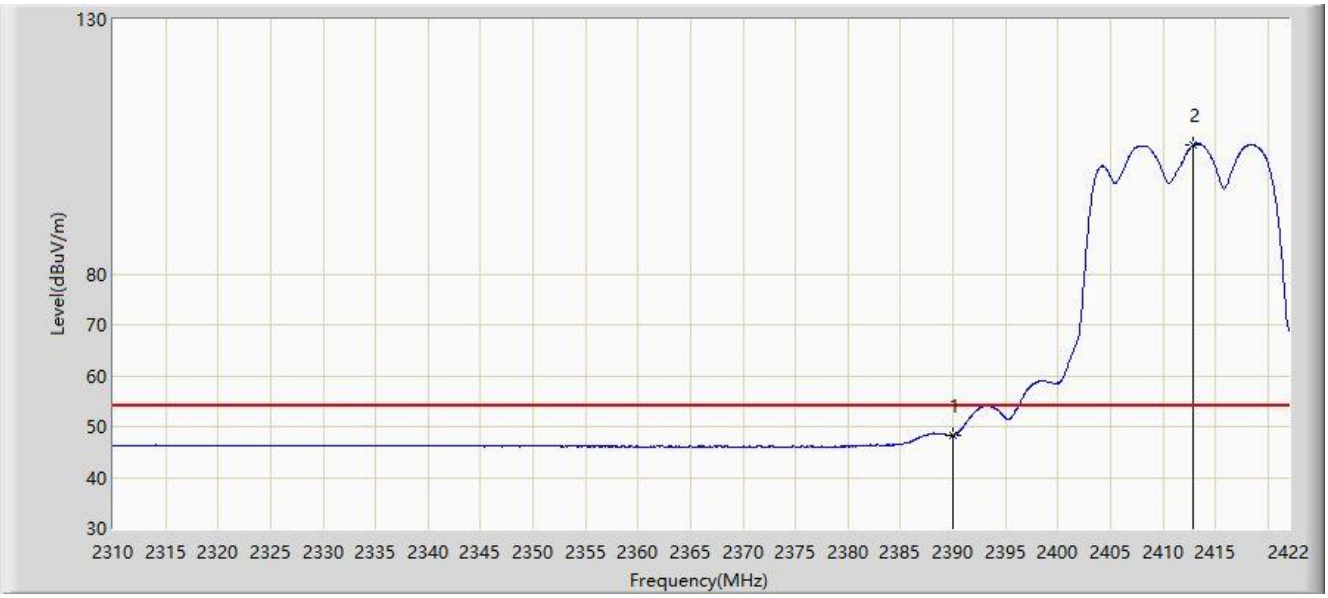


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.008	66.796	69.531	-7.204	74.000	-2.734	PK
2			2390.000	72.396	75.122	-1.604	74.000	-2.726	PK
3		*	2413.208	117.095	119.715	N/A	N/A	-2.620	PK

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

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

Site: AC1	Time: 2019/12/31 - 22:11
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2412MHz	

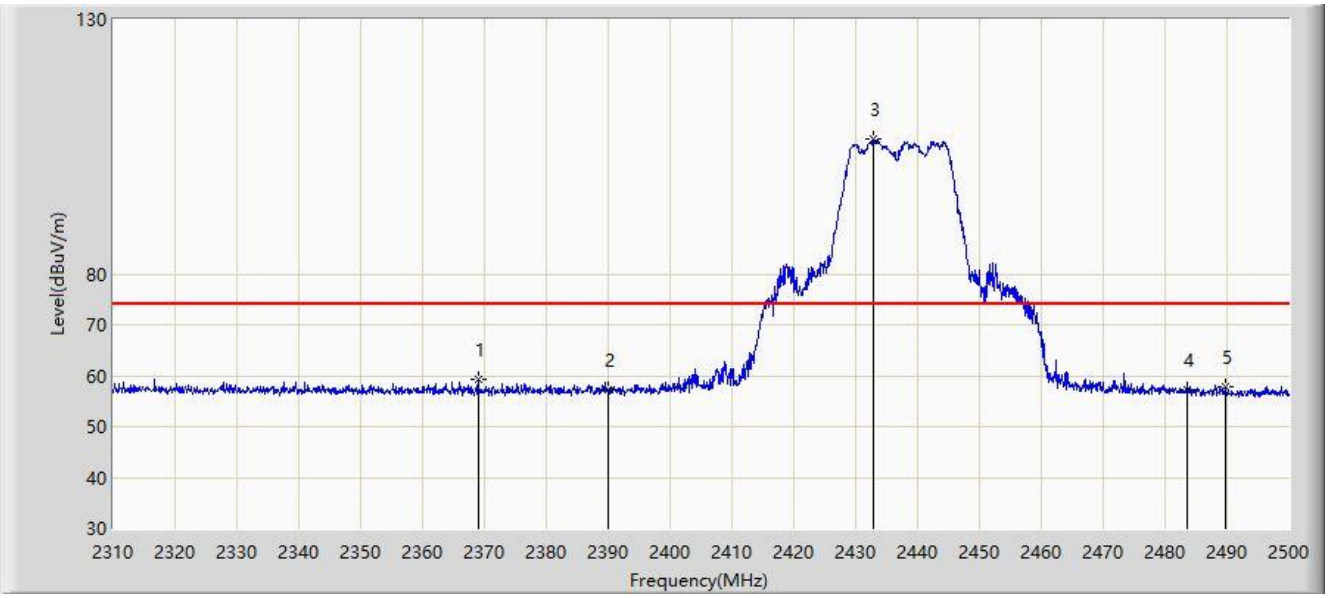


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.199	50.925	-5.801	54.000	-2.726	AV
2		*	2412.928	105.318	107.939	N/A	N/A	-2.621	AV

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

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

Site: AC1	Time: 2020/01/18 - 15:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2437MHz	

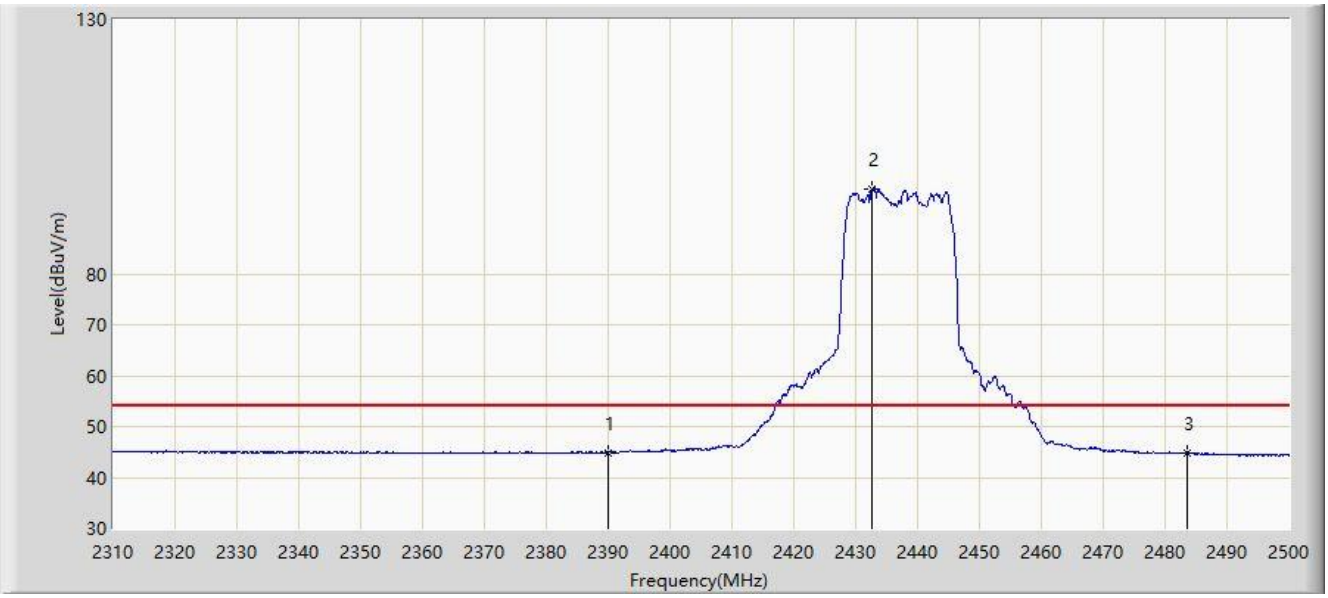


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2368.995	59.203	62.025	-14.797	74.000	-2.822	PK
2			2390.000	57.158	59.884	-16.842	74.000	-2.726	PK
3		*	2432.740	106.652	109.181	N/A	N/A	-2.530	PK
4			2483.500	57.373	59.669	-16.627	74.000	-2.296	PK
5			2489.740	57.716	59.983	-16.284	74.000	-2.267	PK

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

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

Site: AC1	Time: 2020/01/18 - 15:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2437MHz	

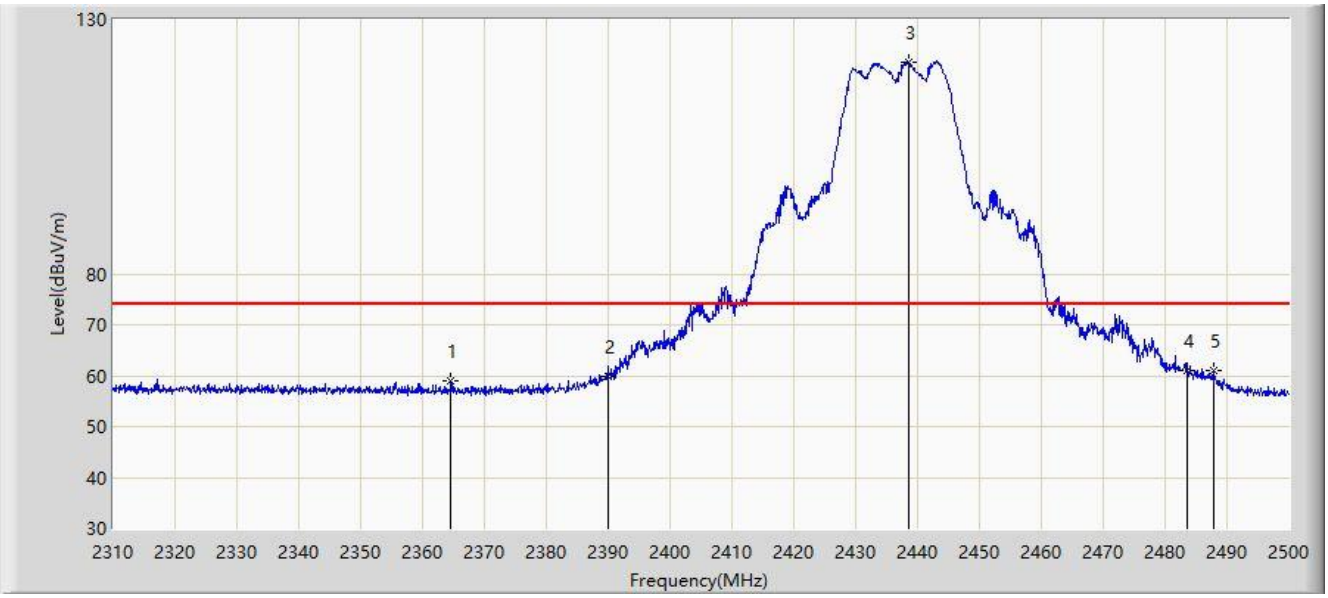


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.923	47.649	-9.077	54.000	-2.726	AV
2		*	2432.645	96.615	99.145	N/A	N/A	-2.530	AV
3			2483.500	44.790	47.086	-9.210	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/18 - 15:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2437MHz	

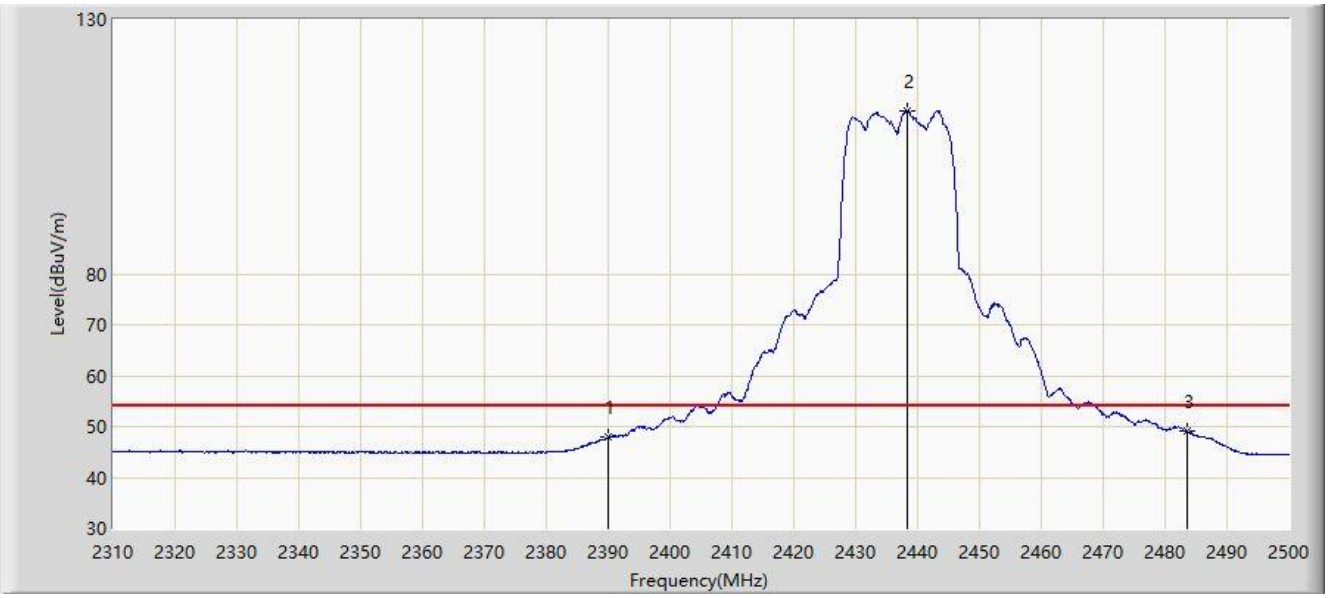


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2364.625	59.083	61.926	-14.917	74.000	-2.842	PK
2			2390.000	59.974	62.700	-14.026	74.000	-2.726	PK
3		*	2438.535	121.534	124.037	N/A	N/A	-2.503	PK
4			2483.500	61.094	63.390	-12.906	74.000	-2.296	PK
5			2487.745	61.087	63.363	-12.913	74.000	-2.277	PK

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

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

Site: AC1	Time: 2020/01/18 - 15:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2437MHz	

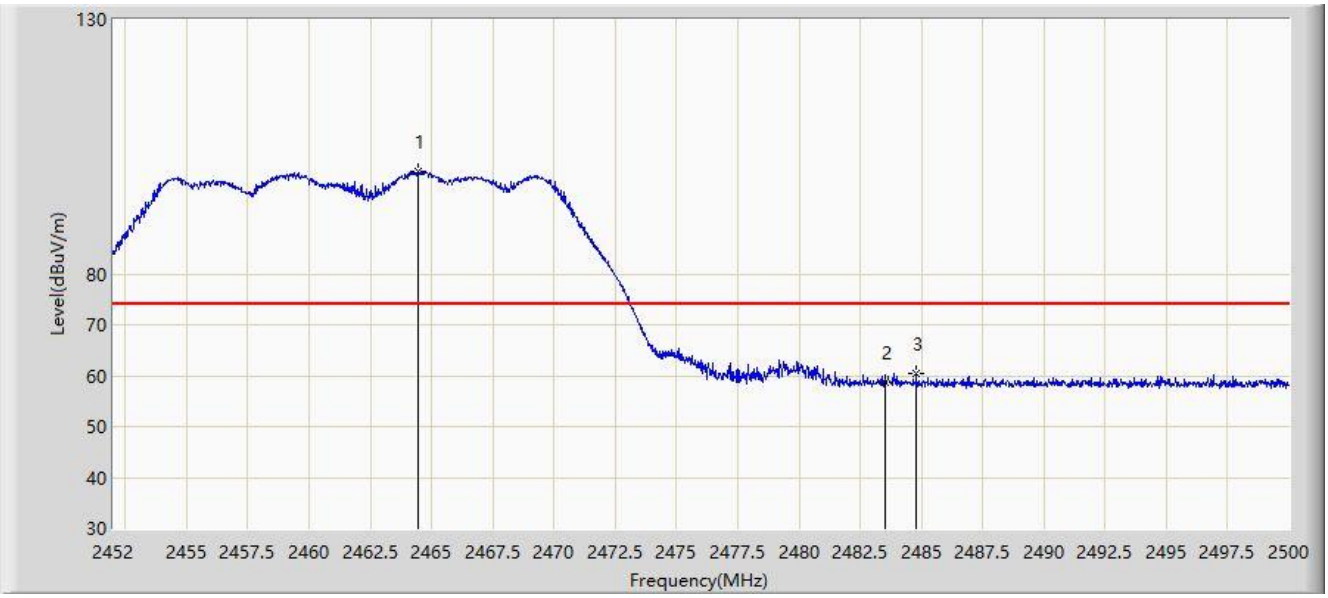


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.094	50.820	-5.906	54.000	-2.726	AV
2	X	*	2438.440	111.965	114.468	N/A	N/A	-2.503	AV
3			2483.500	49.166	51.462	-4.834	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 22:23
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2462MHz	

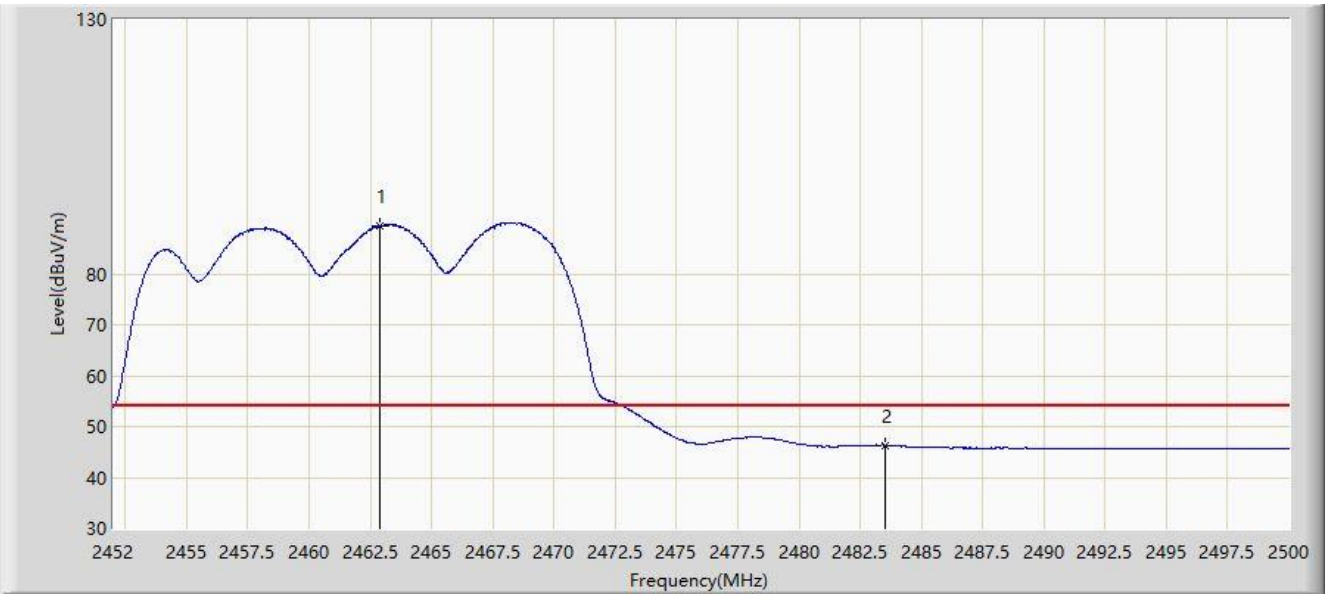


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.432	100.115	102.499	N/A	N/A	-2.384	PK
2			2483.500	58.784	61.080	-15.216	74.000	-2.296	PK
3			2484.784	60.350	62.640	-13.650	74.000	-2.290	PK

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

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

Site: AC1	Time: 2019/12/31 - 22:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2462MHz	

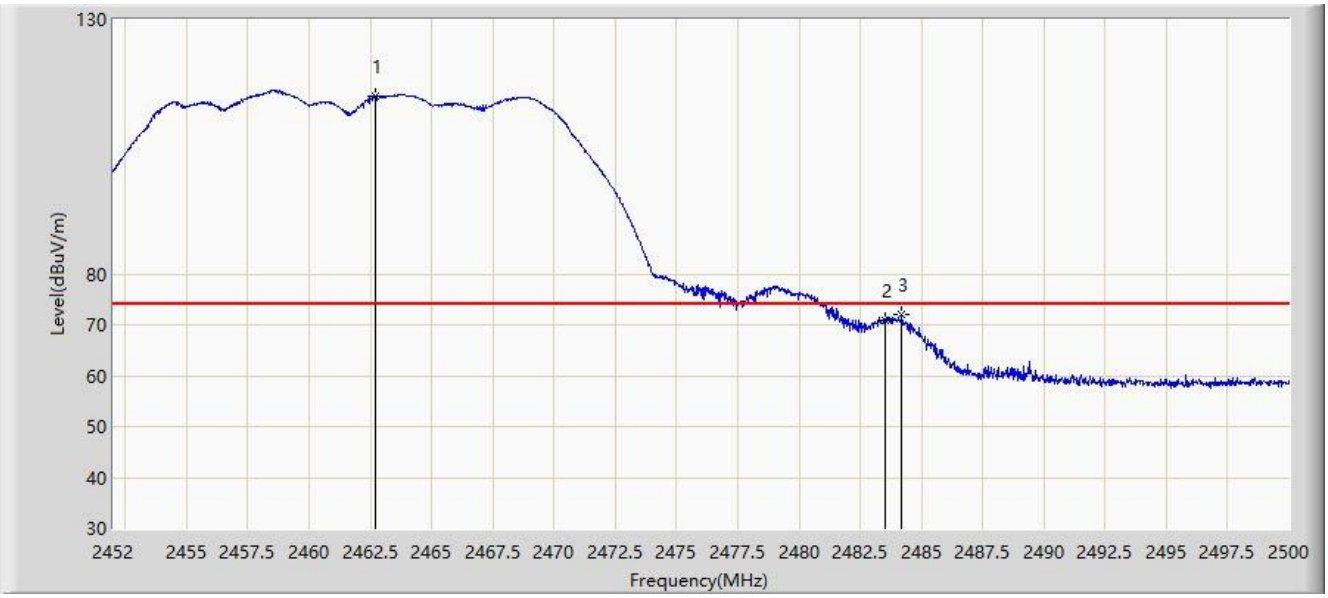


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.896	89.503	91.894	N/A	N/A	-2.391	AV
2			2483.500	46.248	48.544	-7.752	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 22:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2462MHz	

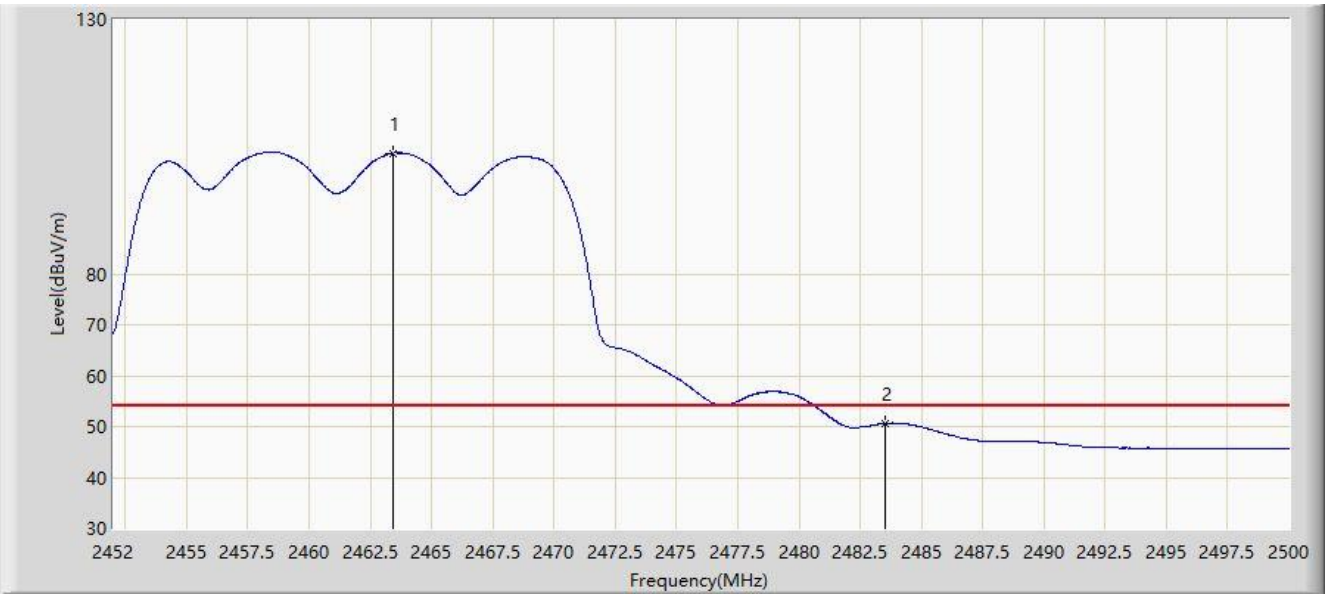


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.728	114.992	117.383	N/A	N/A	-2.392	PK
2			2483.500	70.821	73.117	-3.179	74.000	-2.296	PK
3			2484.208	71.933	74.225	-2.067	74.000	-2.293	PK

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

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

Site: AC1	Time: 2019/12/31 - 22:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11g at Channel 2462MHz	

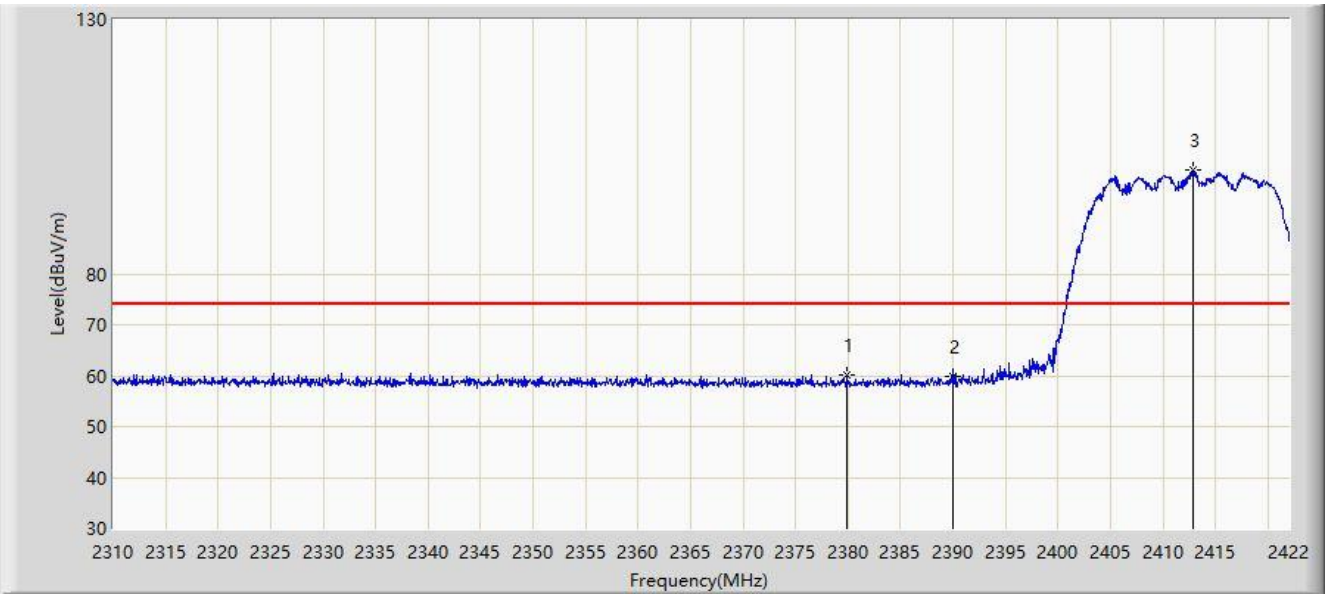


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.448	103.766	106.154	N/A	N/A	-2.388	AV
2			2483.500	50.632	52.928	-3.368	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 23:29
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

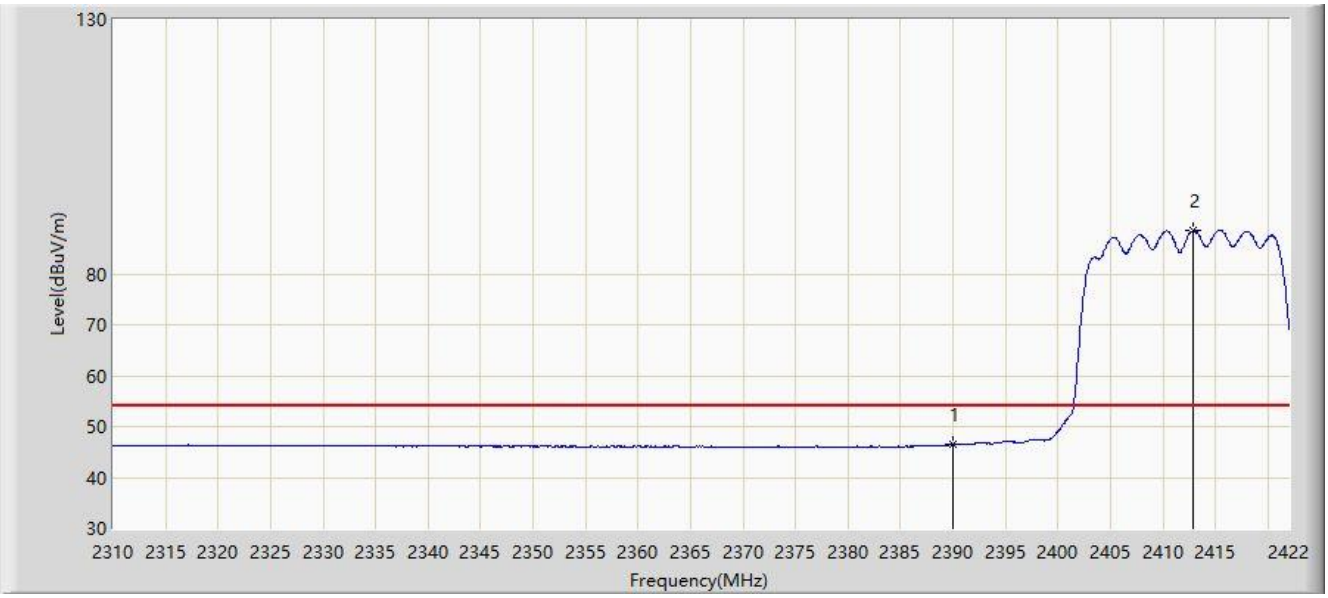


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.888	60.015	62.787	-13.985	74.000	-2.772	PK
2			2390.000	59.761	62.487	-14.239	74.000	-2.726	PK
3		*	2412.928	100.398	103.019	N/A	N/A	-2.621	PK

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

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

Site: AC1	Time: 2019/12/31 - 23:30
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

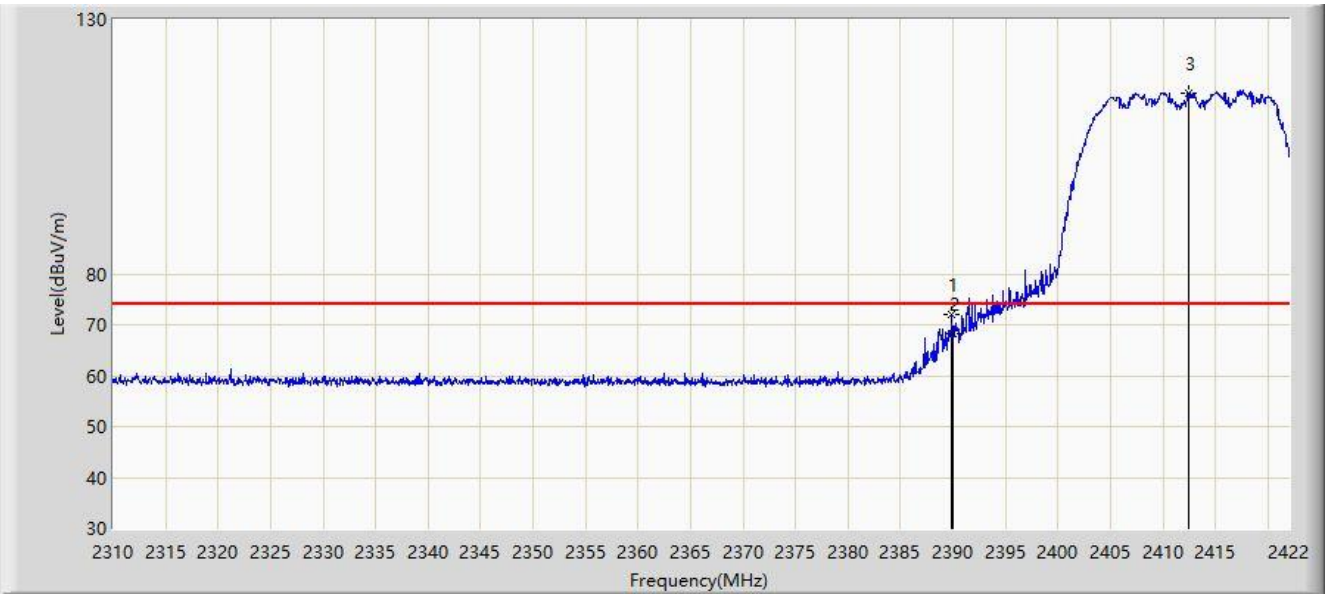


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.422	49.148	-7.578	54.000	-2.726	AV
2		*	2412.872	88.547	91.169	N/A	N/A	-2.622	AV

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

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

Site: AC1	Time: 2019/12/31 - 23:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

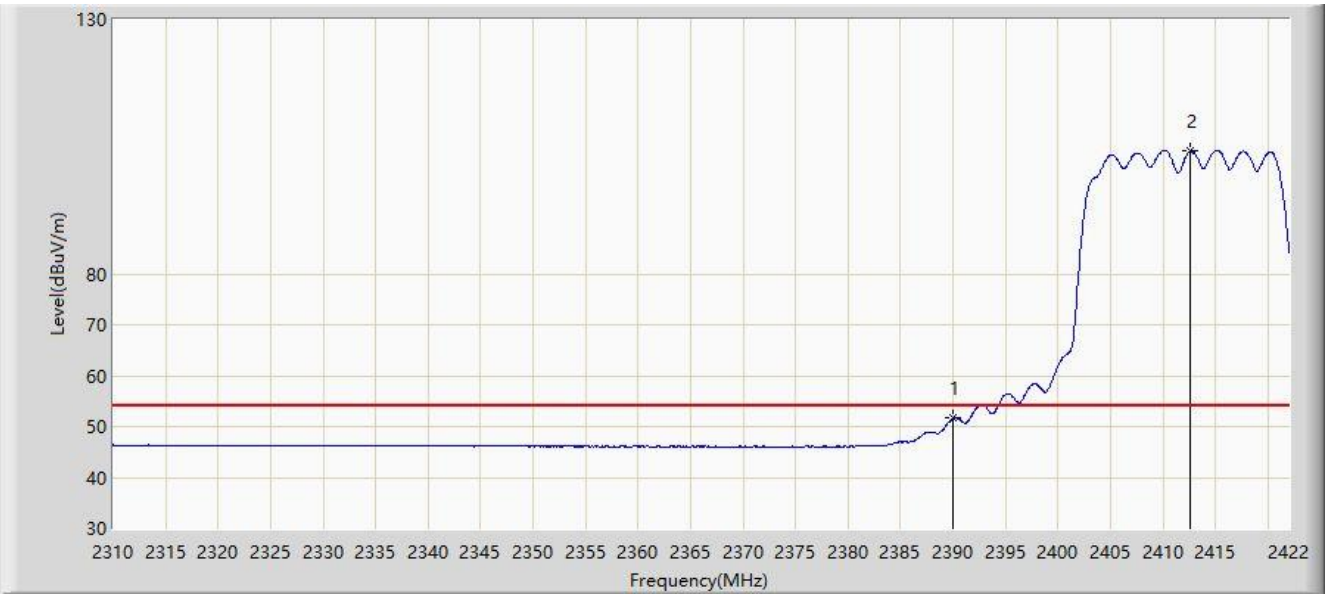


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.856	72.104	74.830	-1.896	74.000	-2.726	PK
2			2390.000	68.153	70.879	-5.847	74.000	-2.726	PK
3		*	2412.424	115.621	118.245	N/A	N/A	-2.623	PK

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

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

Site: AC1	Time: 2019/12/31 - 23:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	

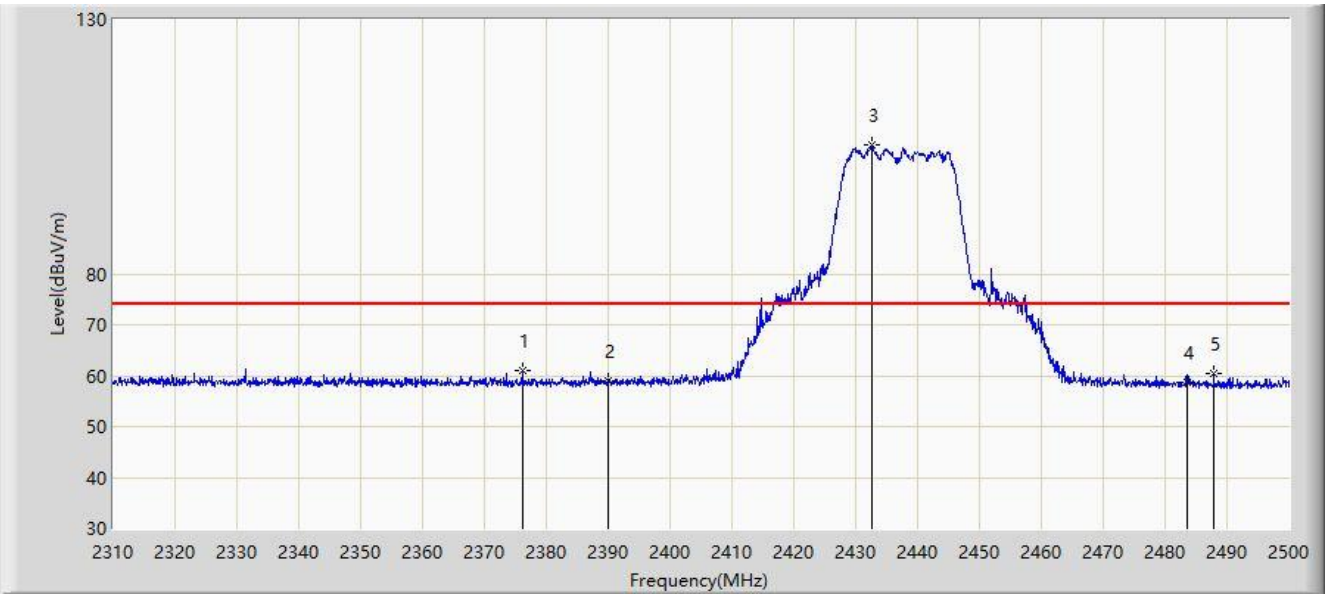


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.604	54.330	-2.396	54.000	-2.726	AV
2		*	2412.592	104.099	106.722	N/A	N/A	-2.623	AV

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

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

Site: AC1	Time: 2020/01/18 - 15:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	

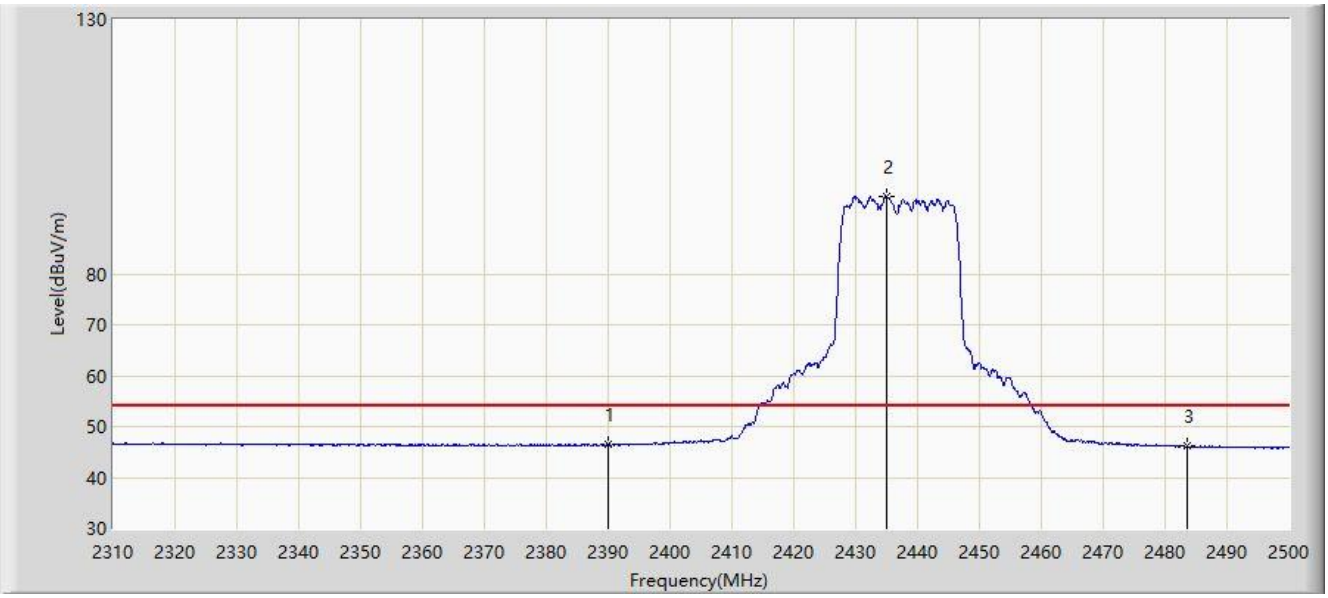


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2376.120	61.047	63.837	-12.953	74.000	-2.790	PK
2			2390.000	59.053	61.779	-14.947	74.000	-2.726	PK
3		*	2432.645	105.344	107.874	N/A	N/A	-2.530	PK
4			2483.500	58.815	61.111	-15.185	74.000	-2.296	PK
5			2487.840	60.517	62.793	-13.483	74.000	-2.276	PK

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

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

Site: AC1	Time: 2020/01/18 - 15:56
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	

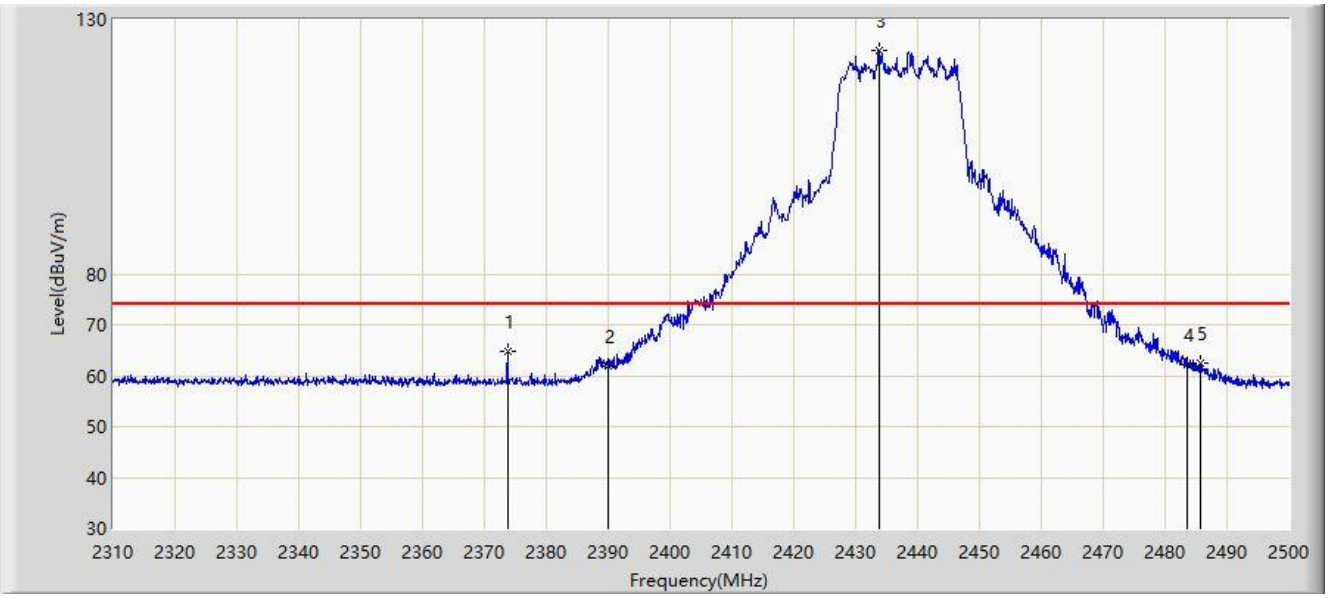


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.509	49.235	-7.491	54.000	-2.726	AV
2		*	2434.925	95.090	97.609	N/A	N/A	-2.519	AV
3			2483.500	46.158	48.454	-7.842	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/18 - 17:05
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	

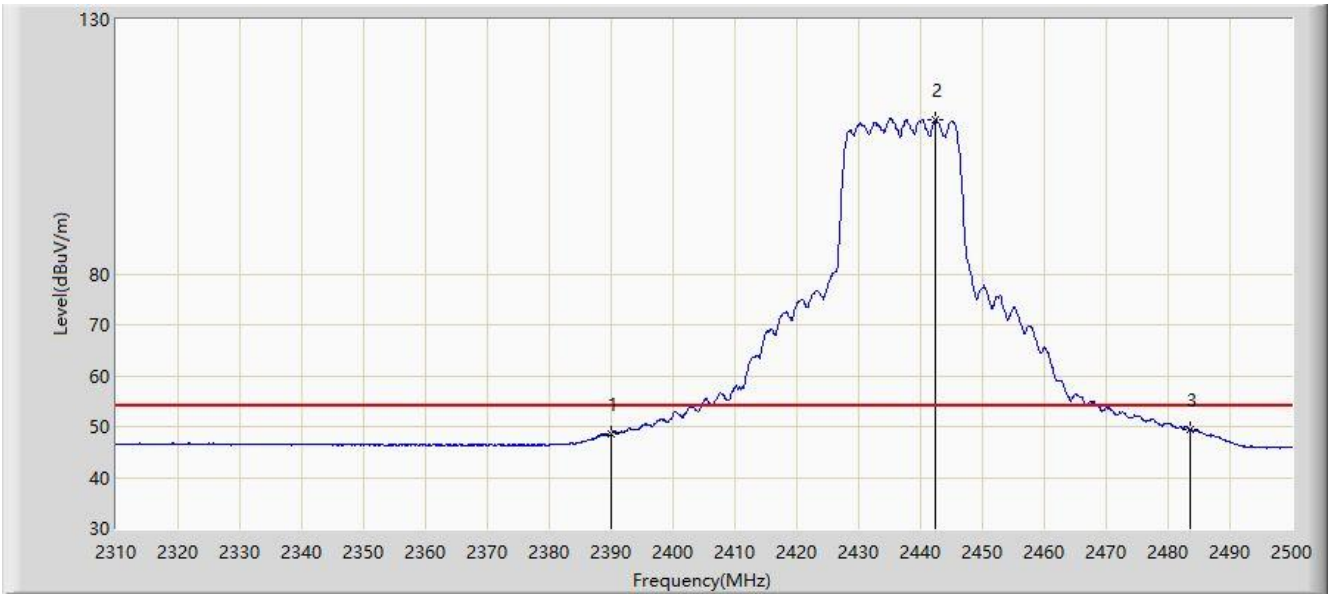


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.745	64.759	67.560	-9.241	74.000	-2.801	PK
2			2390.000	61.998	64.724	-12.002	74.000	-2.726	PK
3		*	2433.785	124.026	126.551	N/A	N/A	-2.524	PK
4			2483.500	62.232	64.528	-11.768	74.000	-2.296	PK
5			2485.750	62.491	64.776	-11.509	74.000	-2.285	PK

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

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

Site: AC1	Time: 2020/01/18 - 15:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz	

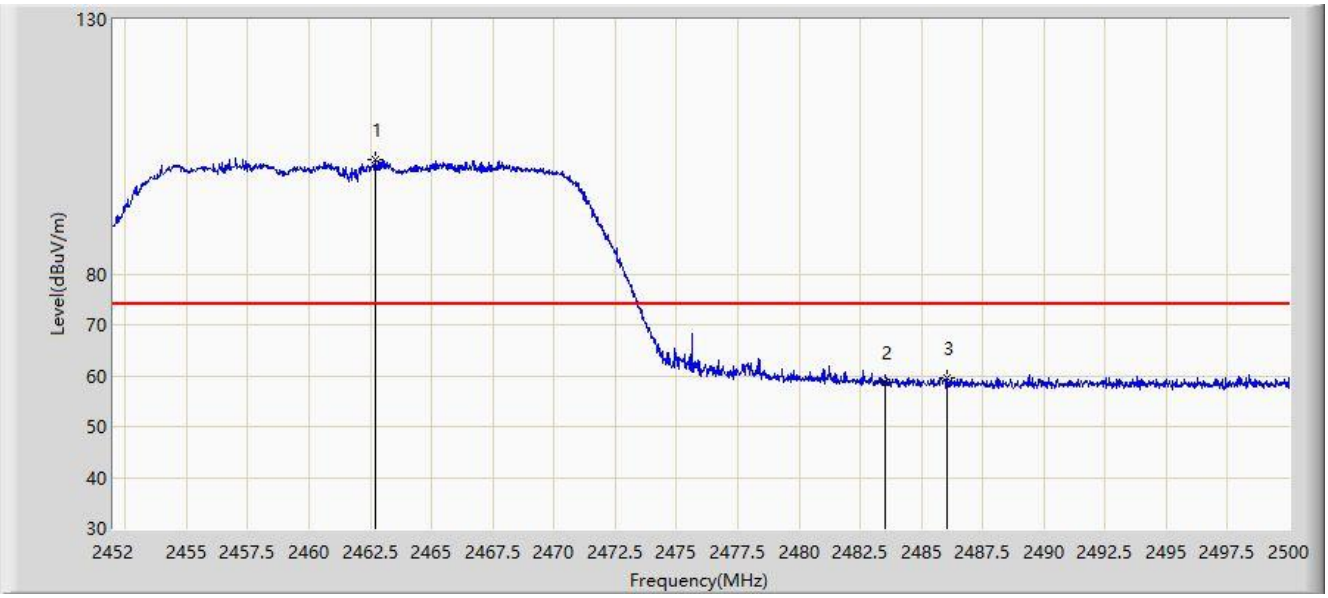


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.660	51.386	-5.340	54.000	-2.726	AV
2	X	*	2442.430	110.302	112.787	N/A	N/A	-2.485	AV
3			2483.500	49.282	51.578	-4.718	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 23:34
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

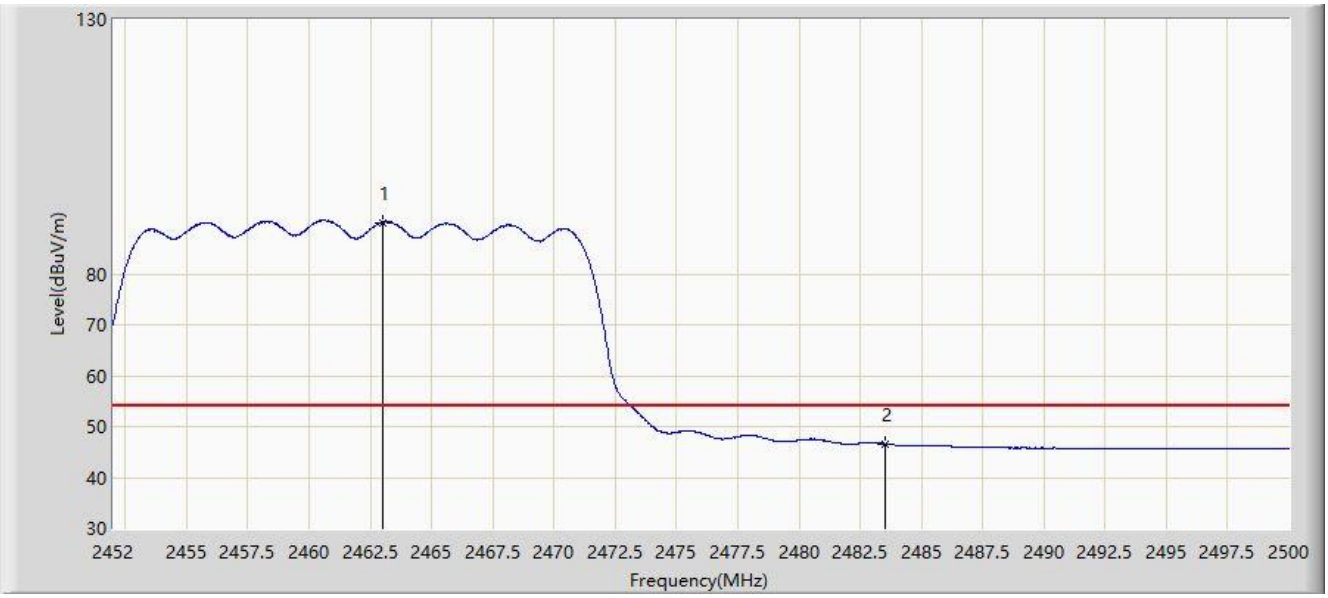


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.680	102.351	104.743	N/A	N/A	-2.392	PK
2			2483.500	58.723	61.019	-15.277	74.000	-2.296	PK
3			2486.056	59.544	61.828	-14.456	74.000	-2.284	PK

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

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

Site: AC1	Time: 2019/12/31 - 23:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

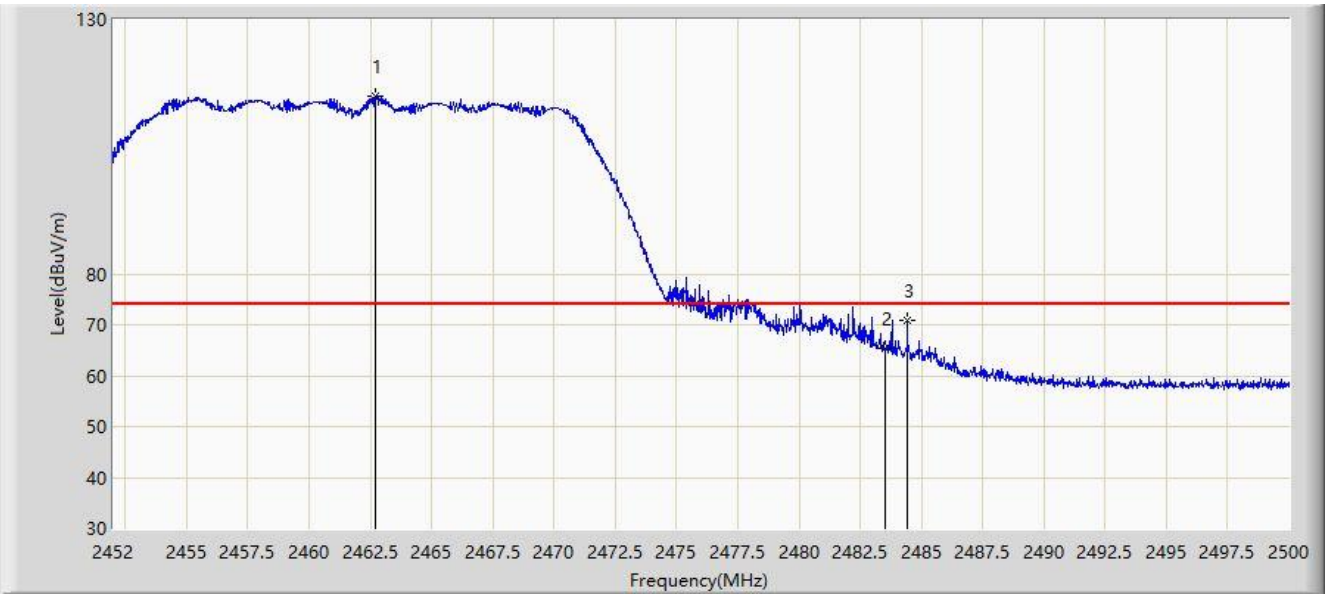


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.992	90.106	92.496	N/A	N/A	-2.391	AV
2			2483.500	46.646	48.942	-7.354	54.000	-2.296	AV

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

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

Site: AC1	Time: 2019/12/31 - 23:31
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

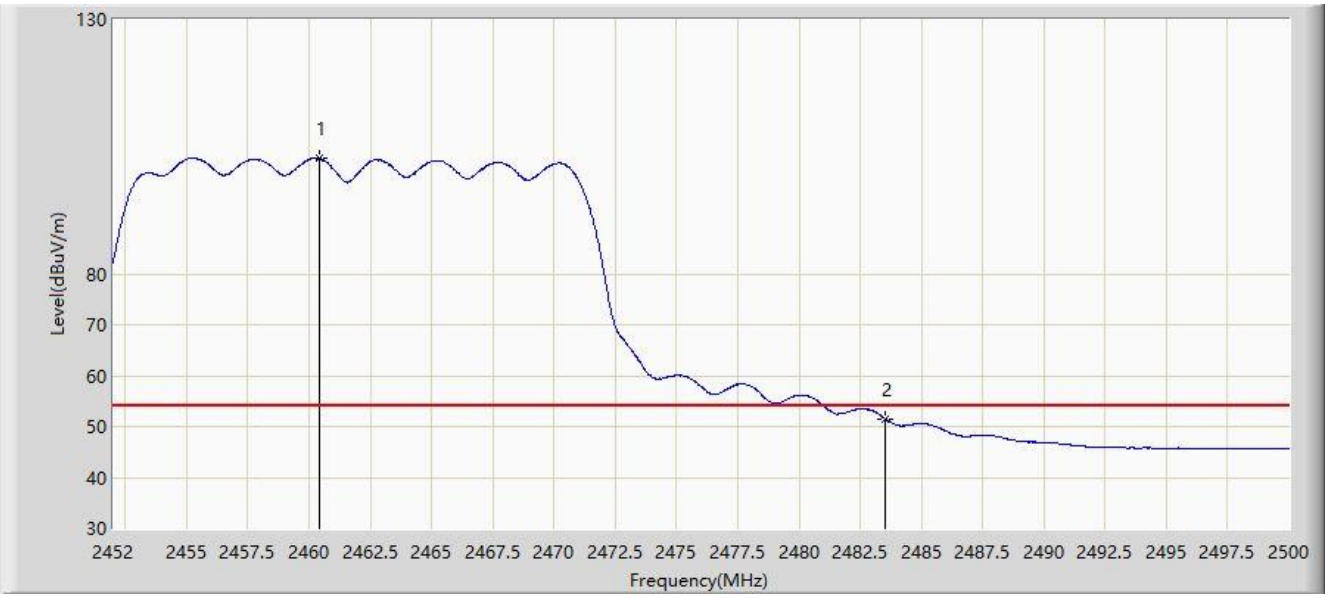


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.680	114.838	117.230	N/A	N/A	-2.392	PK
2			2483.500	65.298	67.594	-8.702	74.000	-2.296	PK
3			2484.424	70.919	73.210	-3.081	74.000	-2.292	PK

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

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

Site: AC1	Time: 2019/12/31 - 23:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz	

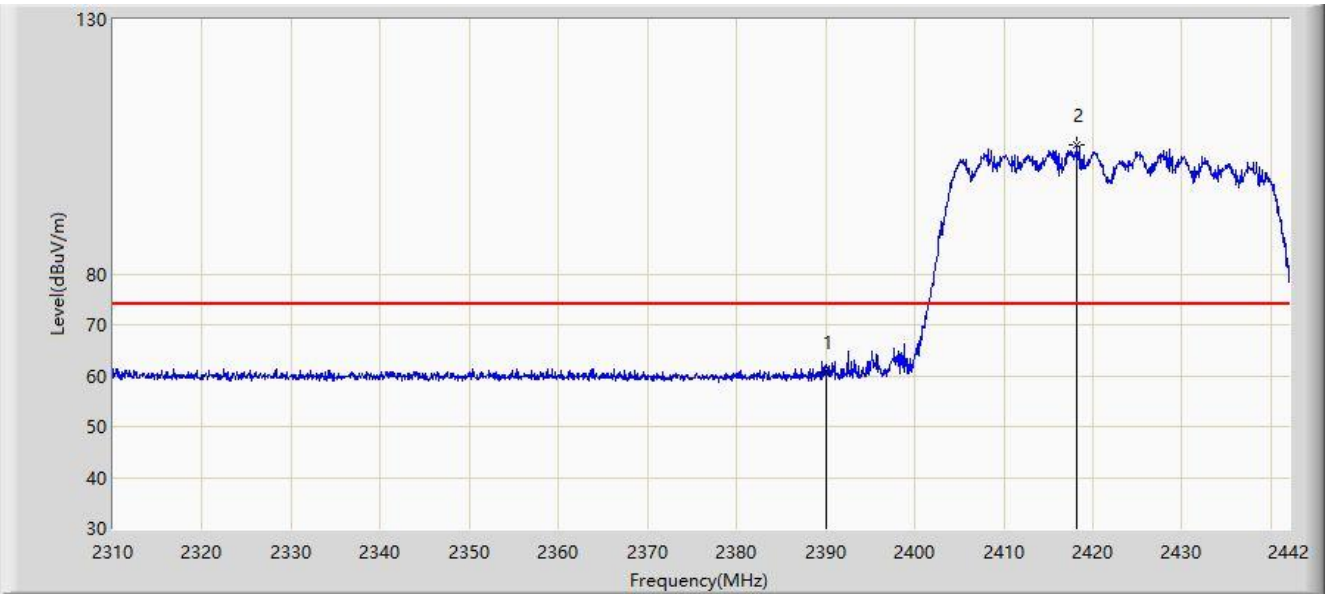


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.400	102.642	105.044	N/A	N/A	-2.402	AV
2			2483.500	51.590	53.886	-2.410	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

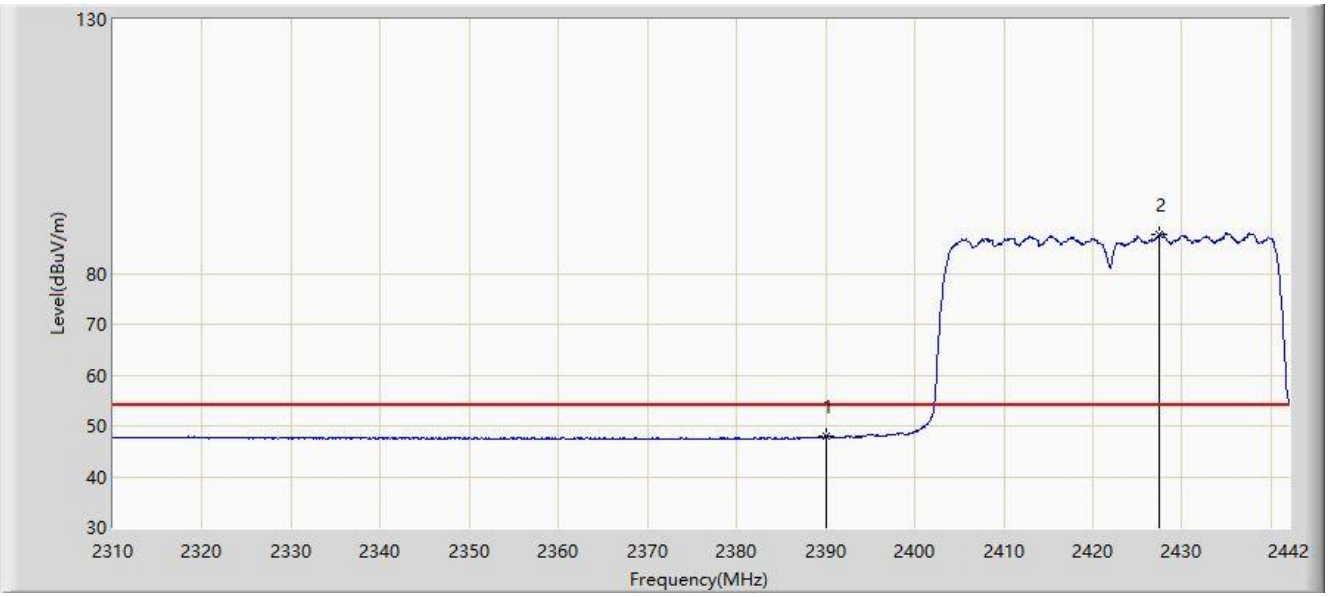


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	60.640	63.366	-13.360	74.000	-2.726	PK
2		*	2418.240	105.244	107.841	N/A	N/A	-2.596	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

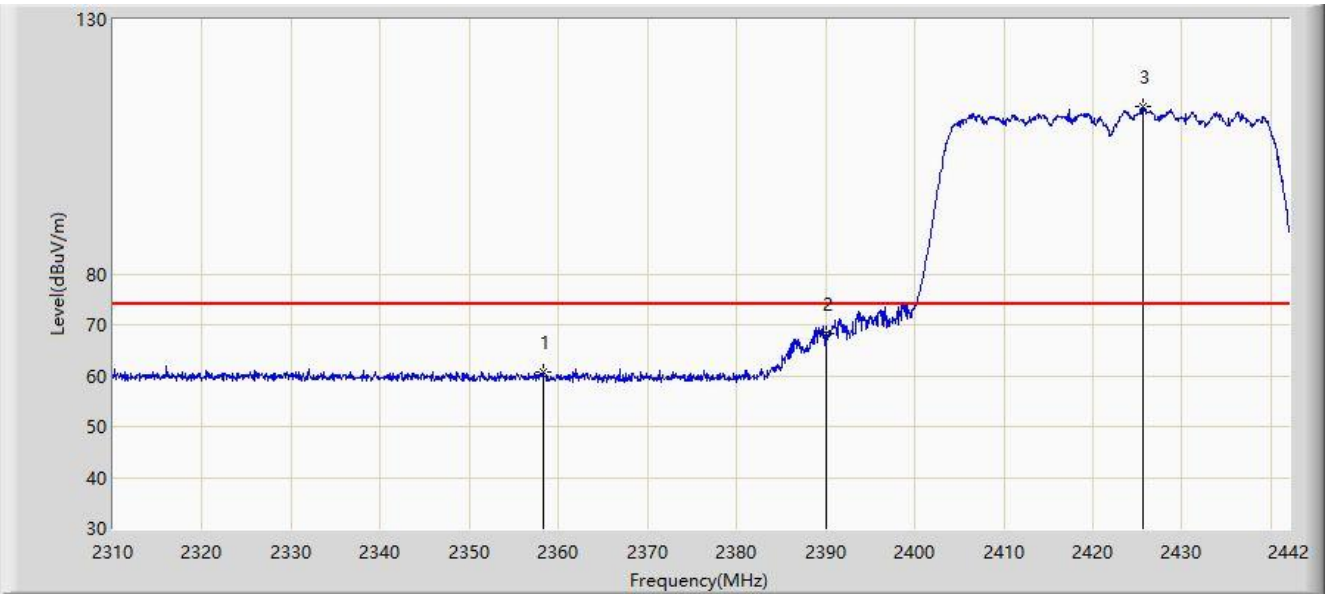


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.913	50.639	-6.087	54.000	-2.726	AV
2		*	2427.480	87.654	90.208	N/A	N/A	-2.554	AV

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

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

Site: AC1	Time: 2020/03/22 - 12:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

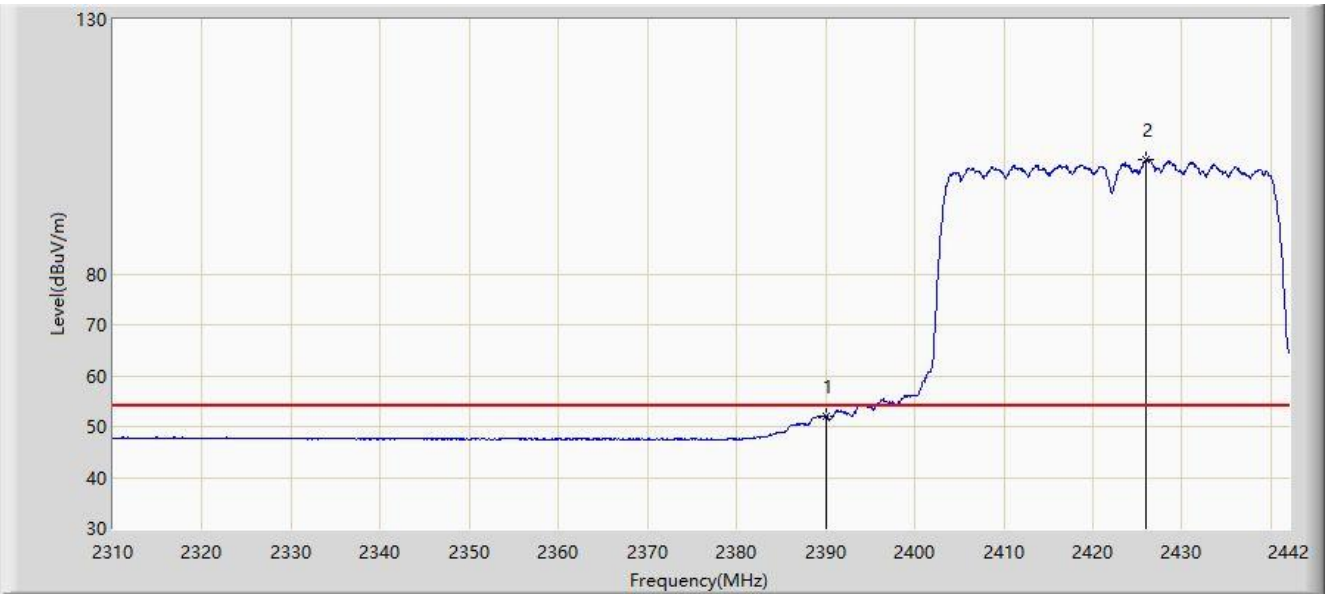


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2358.246	60.815	63.687	-13.185	74.000	-2.872	PK
2			2390.000	68.266	70.992	-5.734	74.000	-2.726	PK
3		*	2425.698	112.783	115.345	N/A	N/A	-2.562	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:16
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz	

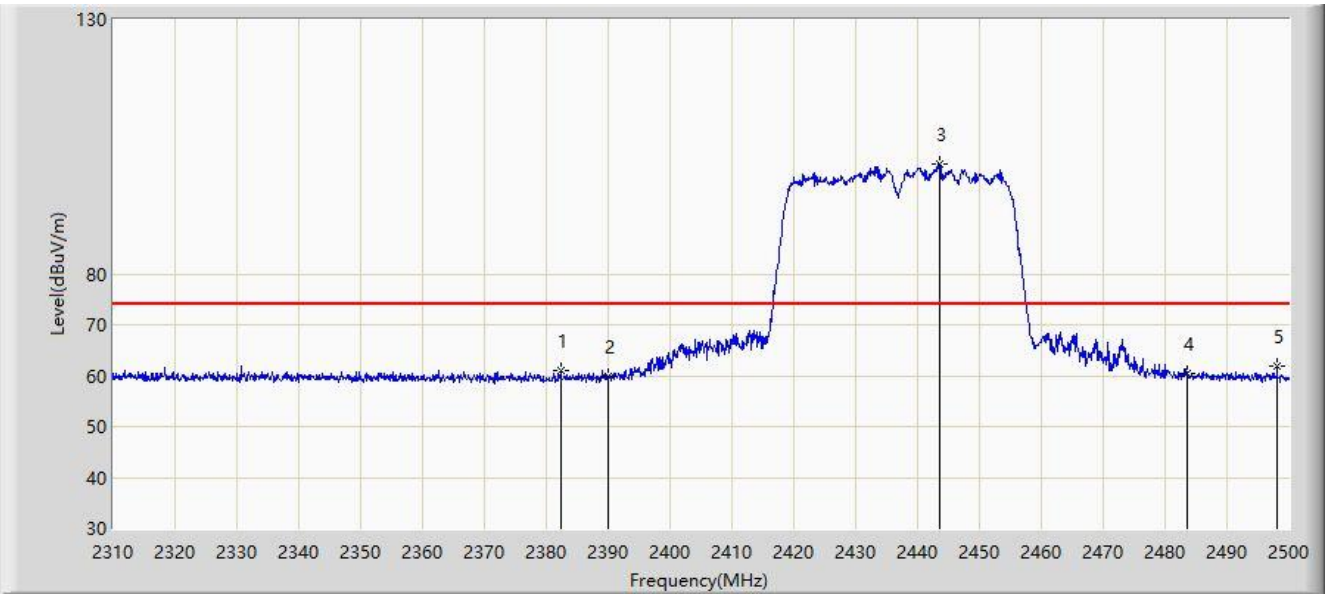


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.045	54.771	-1.955	54.000	-2.726	AV
2		*	2426.028	102.524	105.085	N/A	N/A	-2.561	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

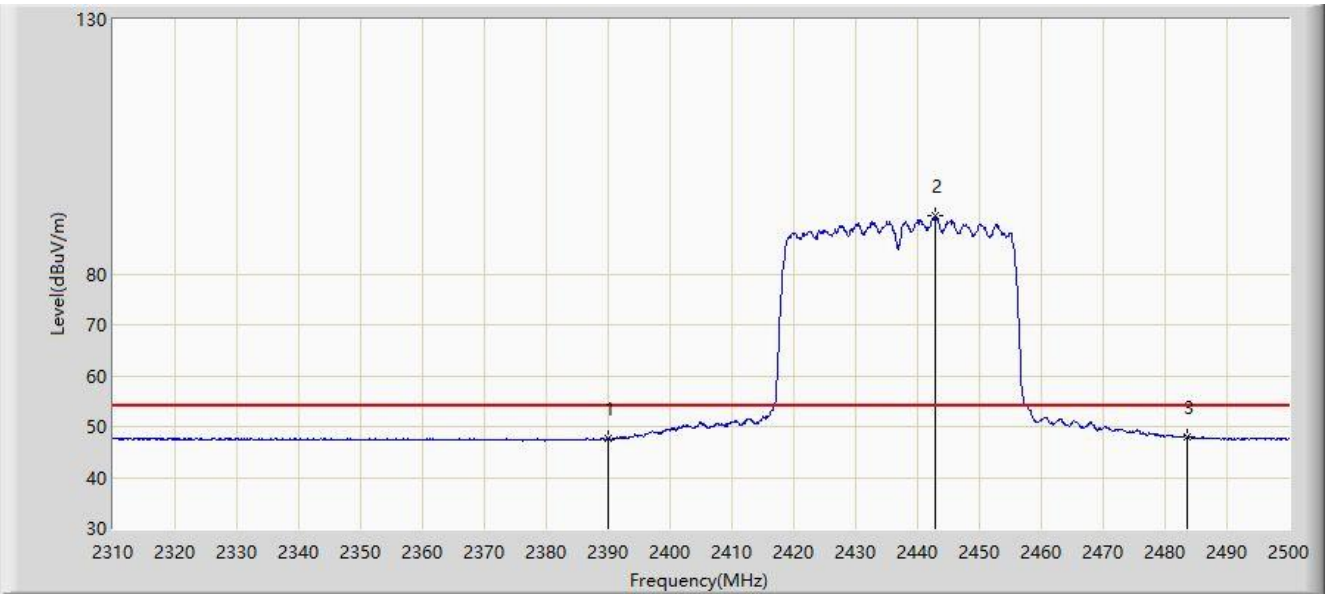


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.390	60.923	63.684	-13.077	74.000	-2.761	PK
2			2390.000	59.775	62.501	-14.225	74.000	-2.726	PK
3		*	2443.665	101.651	104.130	N/A	N/A	-2.479	PK
4			2483.500	60.379	62.675	-13.621	74.000	-2.296	PK
5			2498.100	61.859	64.098	-12.141	74.000	-2.239	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

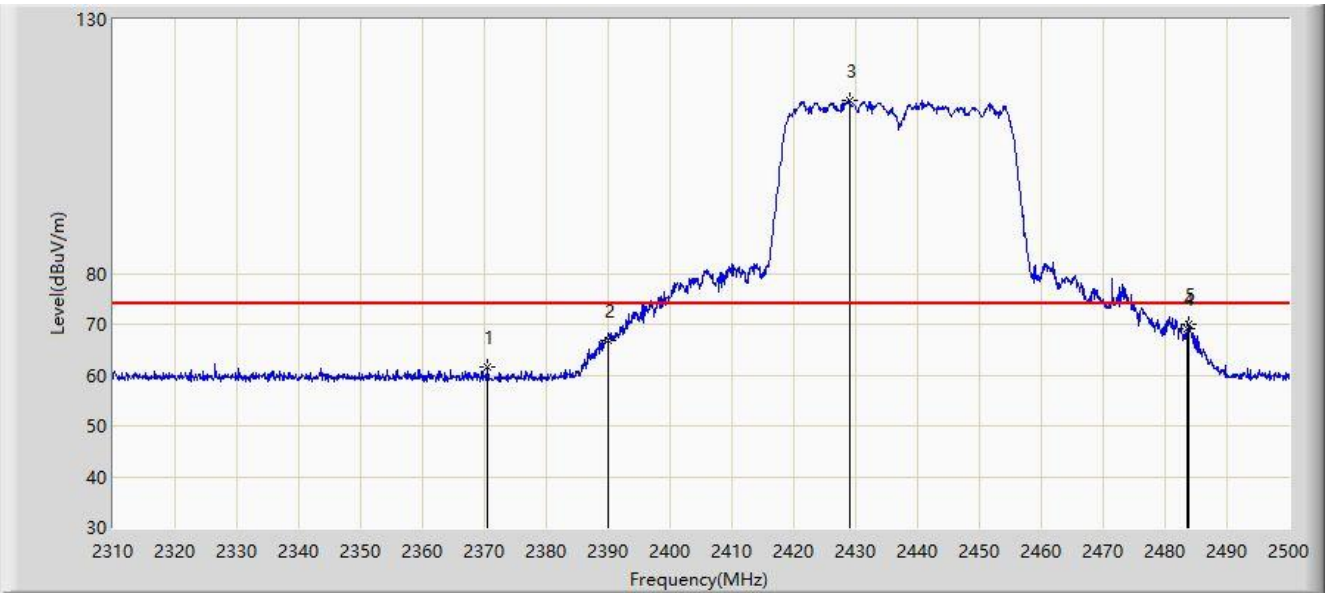


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.646	50.372	-6.354	54.000	-2.726	AV
2		*	2442.810	91.356	93.839	N/A	N/A	-2.482	AV
3			2483.500	47.988	50.284	-6.012	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:34
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

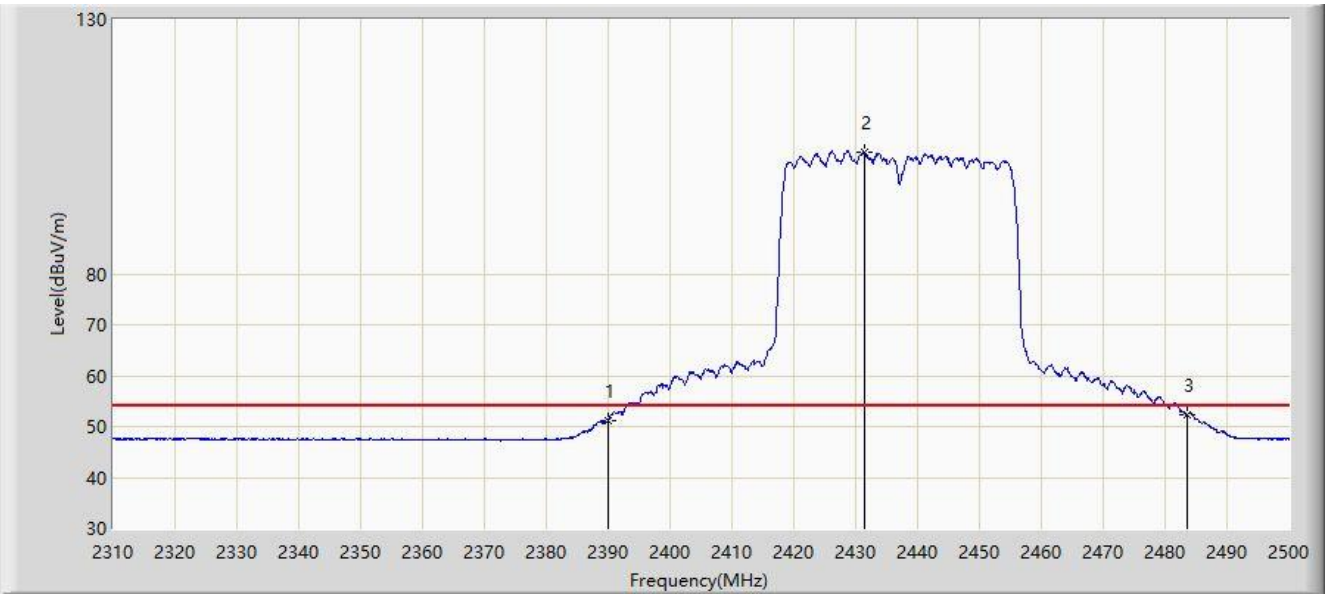


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.515	61.519	64.335	-12.481	74.000	-2.815	PK
2			2390.000	66.846	69.572	-7.154	74.000	-2.726	PK
3		*	2429.035	114.074	116.621	N/A	N/A	-2.546	PK
4			2483.500	69.017	71.313	-4.983	74.000	-2.296	PK
5			2483.850	70.086	72.380	-3.914	74.000	-2.294	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz	

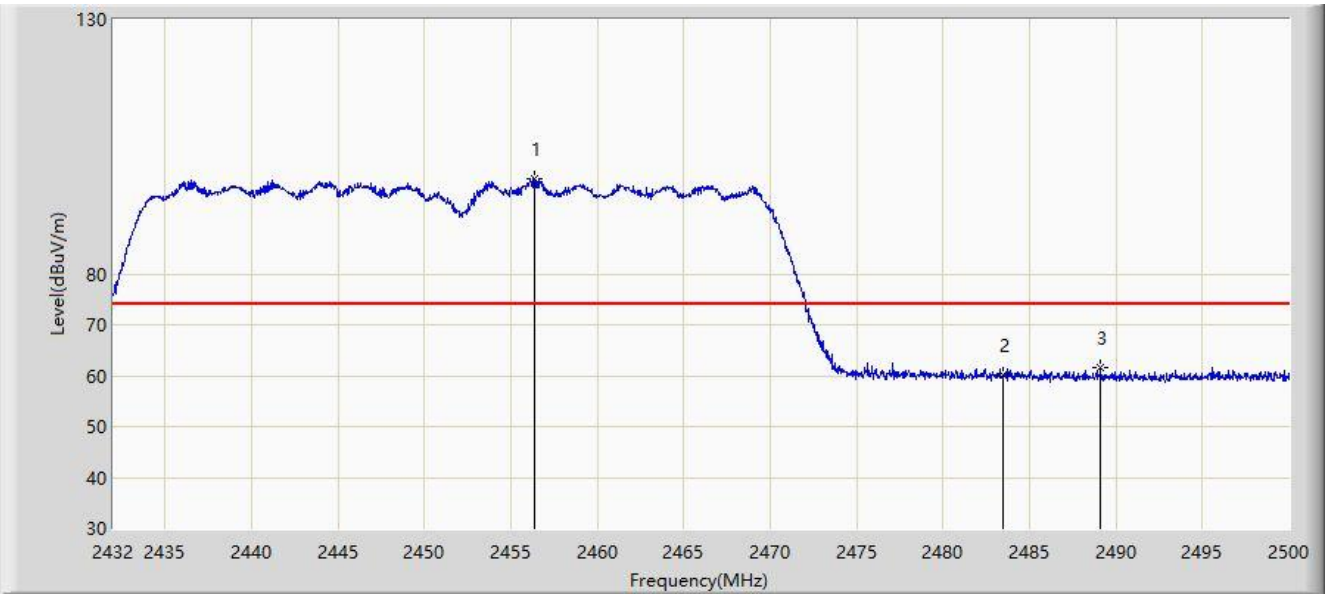


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.207	53.933	-2.793	54.000	-2.726	AV
2		*	2431.315	103.856	106.392	N/A	N/A	-2.536	AV
3			2483.500	52.257	54.553	-1.743	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:47
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

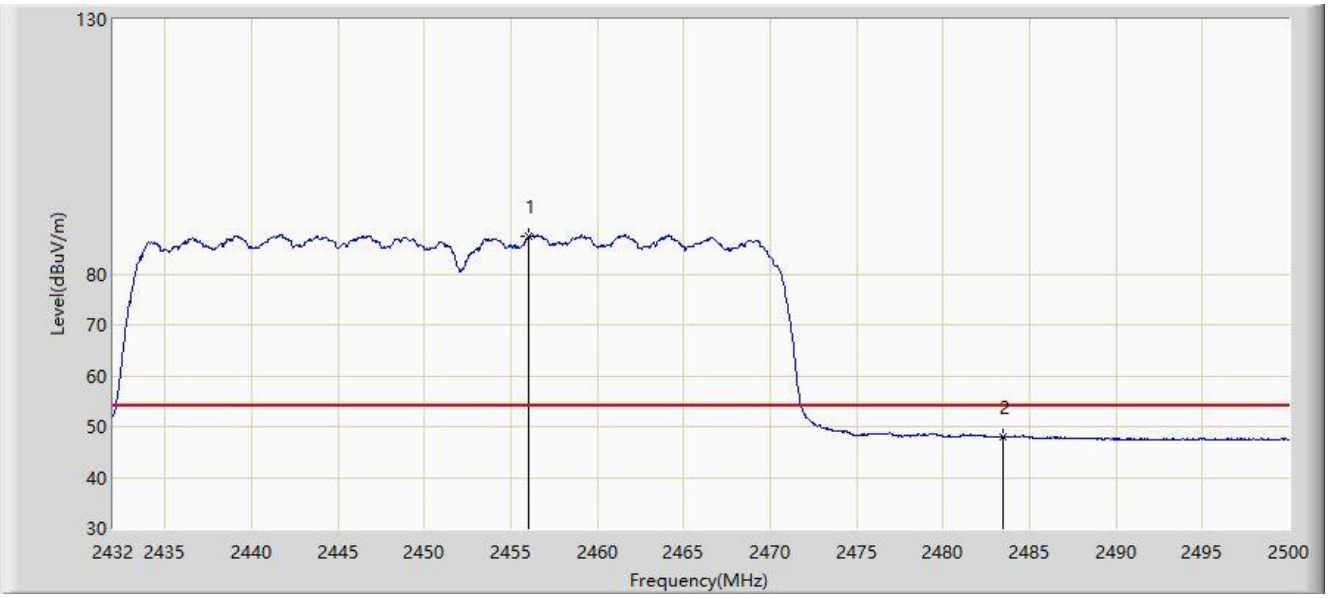


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.412	98.812	101.232	N/A	N/A	-2.420	PK
2			2483.500	60.214	62.510	-13.786	74.000	-2.296	PK
3			2489.120	61.463	63.733	-12.537	74.000	-2.270	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

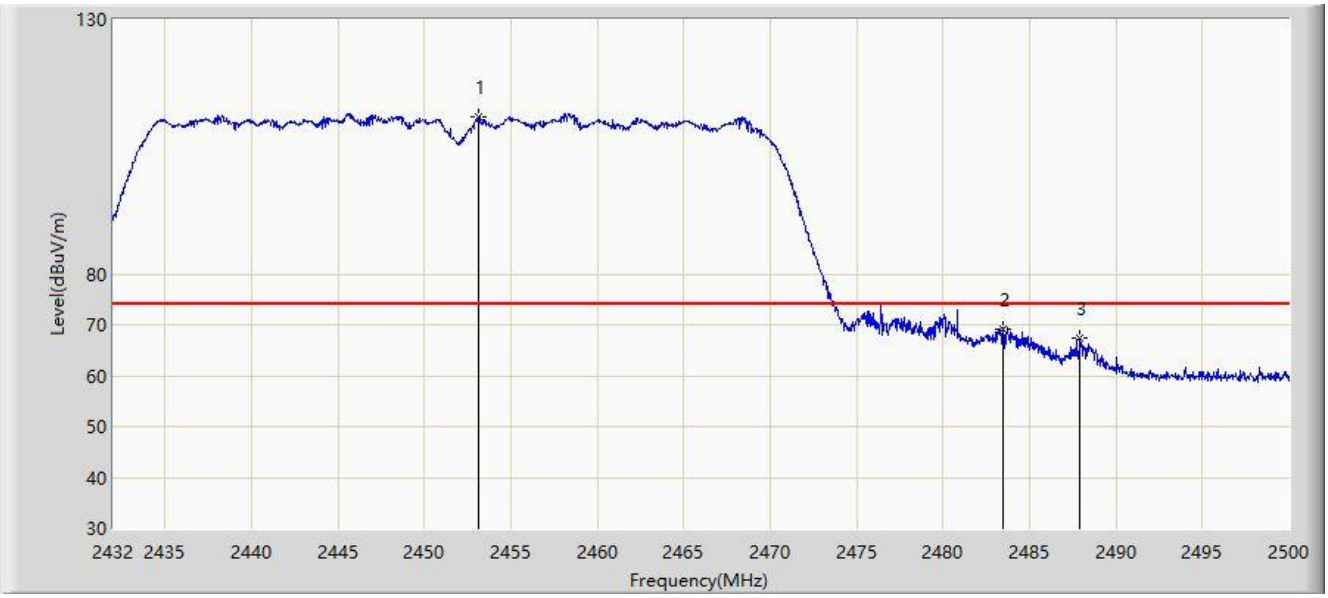


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.038	87.377	89.799	N/A	N/A	-2.422	AV
2			2483.500	47.870	50.166	-6.130	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

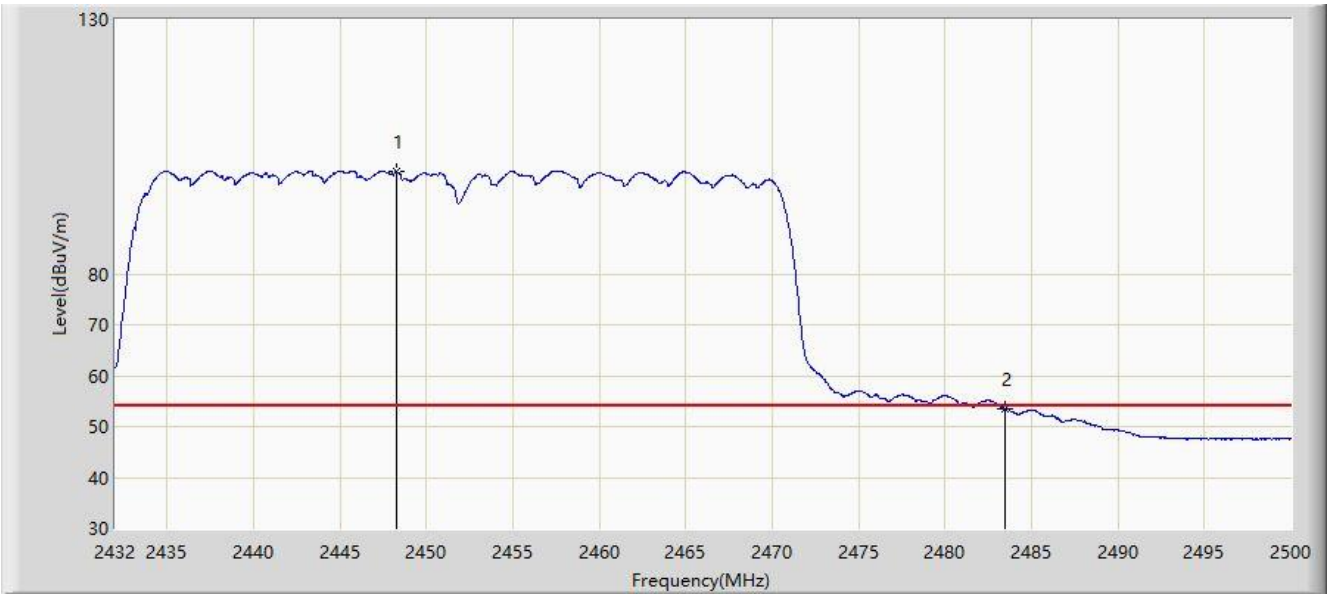


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.148	110.773	113.208	N/A	N/A	-2.435	PK
2			2483.500	69.139	71.435	-4.861	74.000	-2.296	PK
3			2487.896	67.395	69.671	-6.605	74.000	-2.275	PK

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

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

Site: AC1	Time: 2020/03/22 - 13:41
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz	

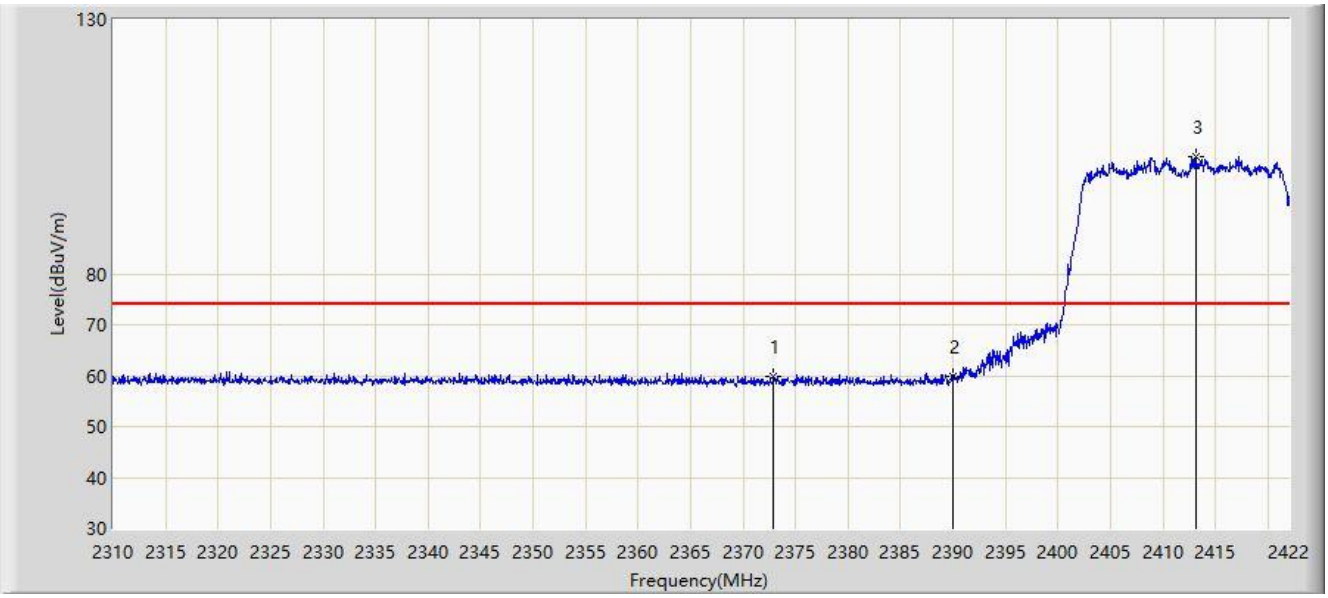


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.252	100.109	102.567	N/A	N/A	-2.458	AV
2			2483.500	53.460	55.756	-0.540	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/01 - 00:12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

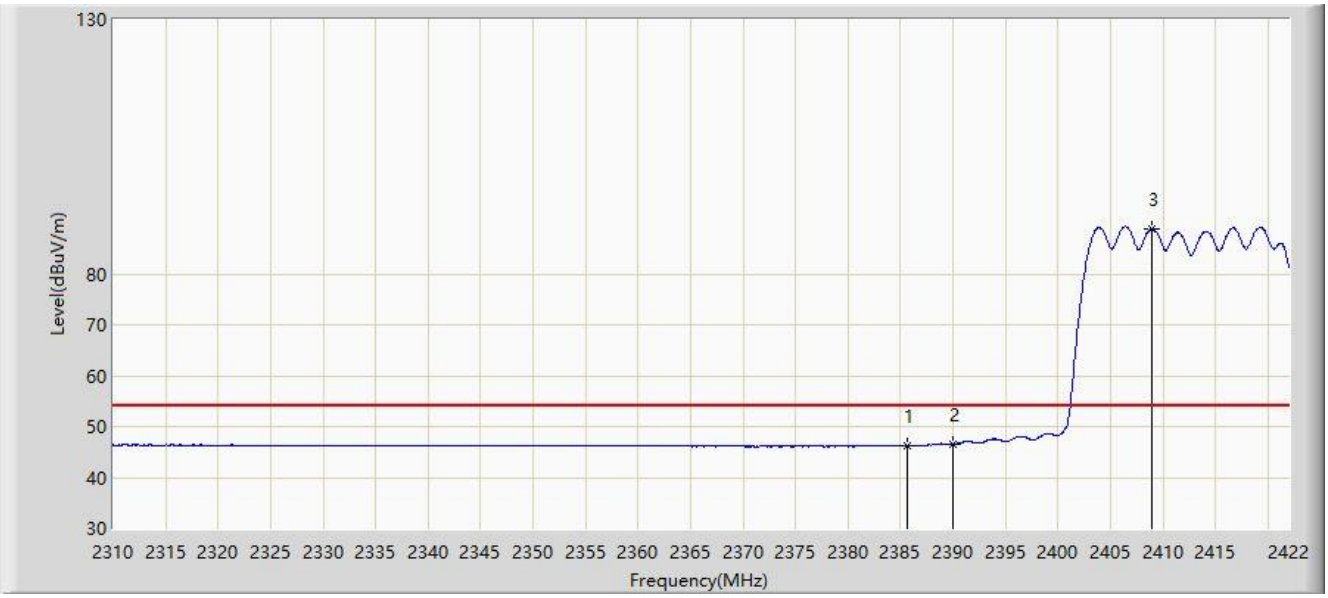


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2372.888	59.826	62.631	-14.174	74.000	-2.805	PK
2			2390.000	59.751	62.477	-14.249	74.000	-2.726	PK
3		*	2413.096	103.157	105.778	N/A	N/A	-2.621	PK

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

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

Site: AC1	Time: 2020/01/01 - 00:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

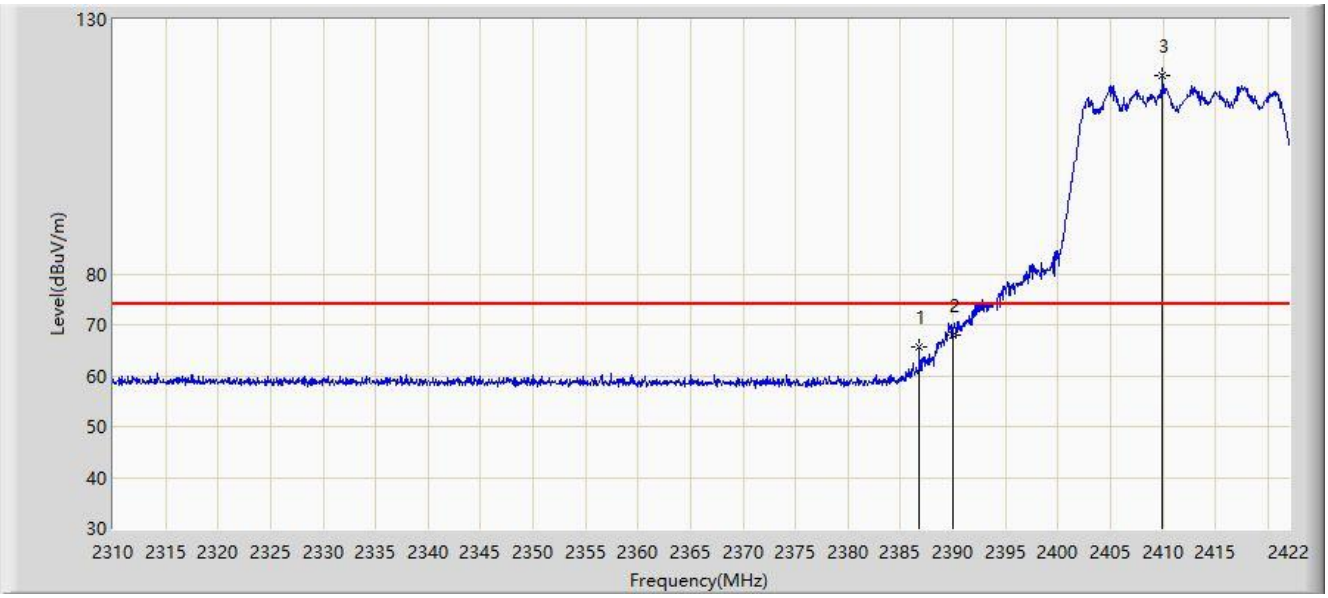


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.600	46.319	49.065	-7.681	54.000	-2.746	AV
2			2390.000	46.510	49.236	-7.490	54.000	-2.726	AV
3		*	2408.896	88.890	91.530	N/A	N/A	-2.640	AV

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

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

Site: AC1	Time: 2020/01/01 - 00:10
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

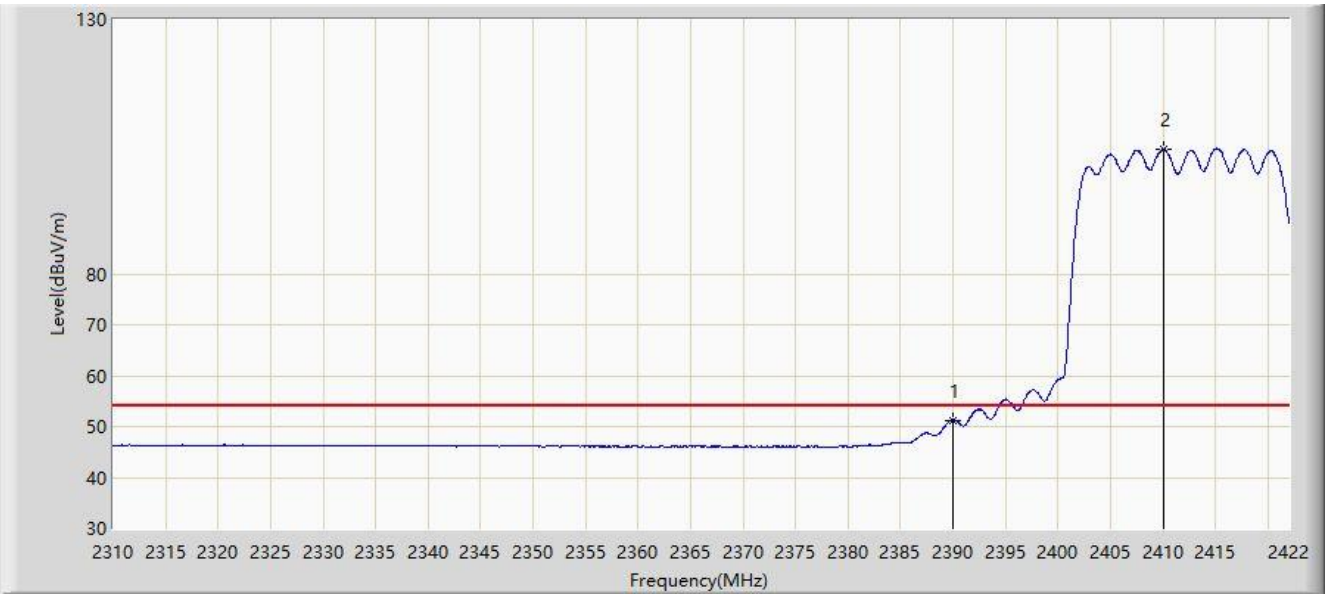


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.776	65.744	68.484	-8.256	74.000	-2.741	PK
2			2390.000	68.035	70.761	-5.965	74.000	-2.726	PK
3		*	2409.960	119.128	121.763	N/A	N/A	-2.634	PK

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

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

Site: AC1	Time: 2020/01/01 - 00:11
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2412MHz	

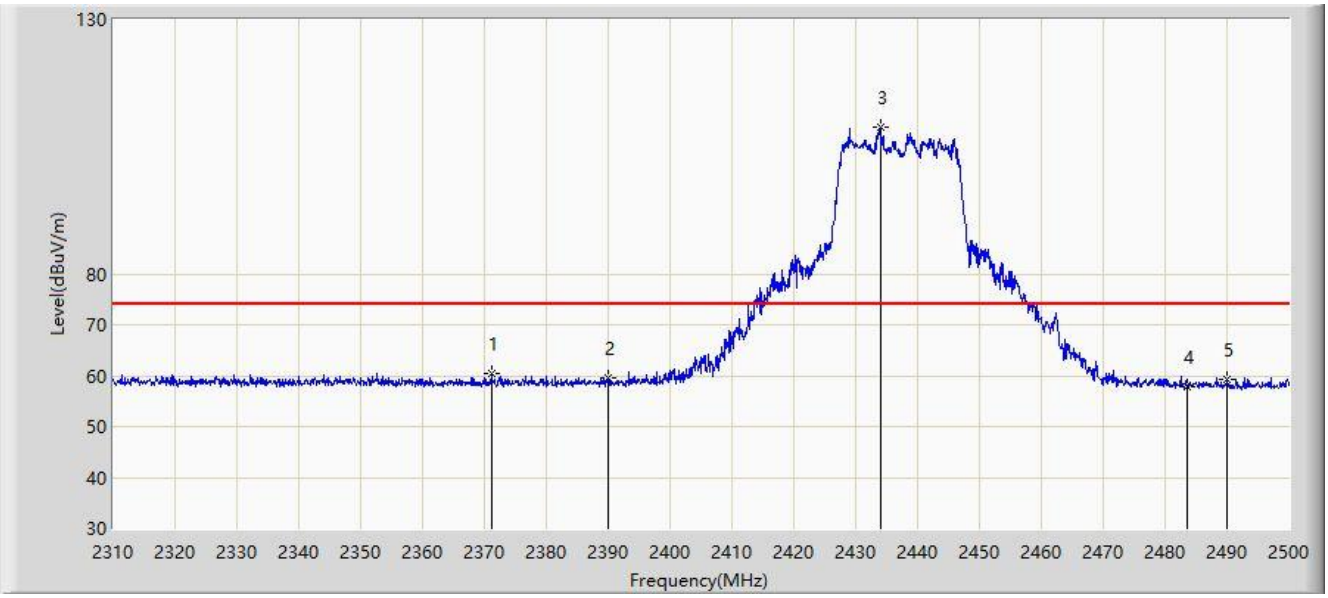


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.298	54.024	-2.702	54.000	-2.726	AV
2		*	2410.072	104.439	107.073	N/A	N/A	-2.634	AV

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

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

Site: AC1	Time: 2020/01/18 - 16:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz	

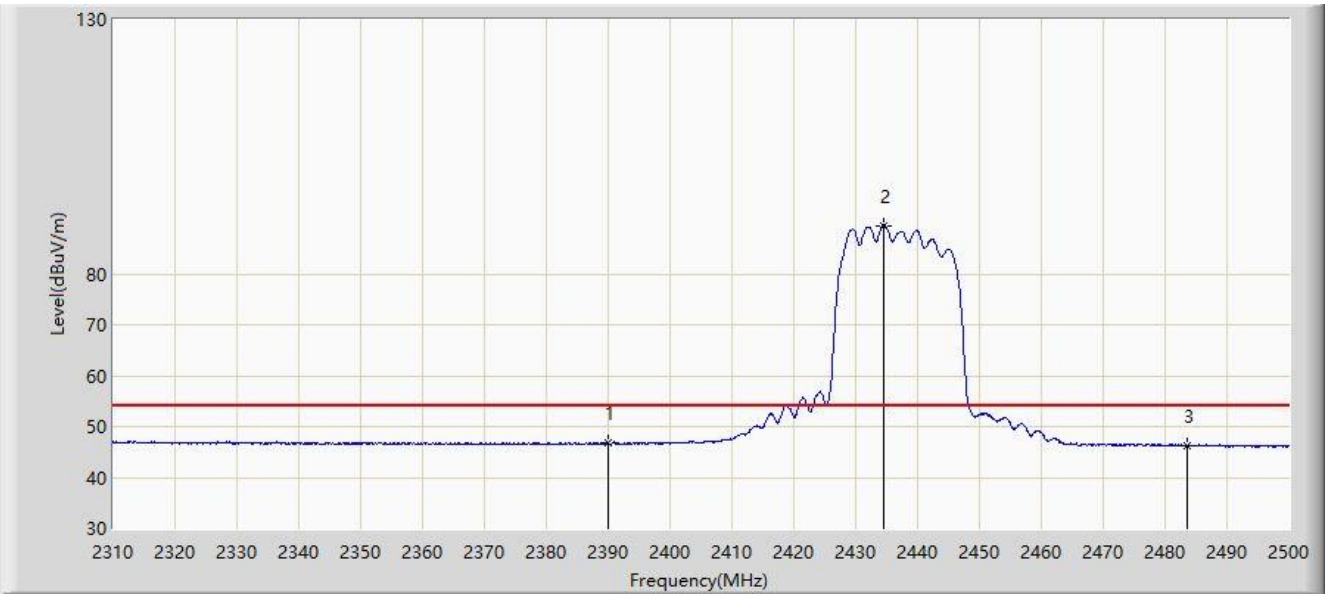


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2371.085	60.320	63.133	-13.680	74.000	-2.813	PK
2			2390.000	59.576	62.302	-14.424	74.000	-2.726	PK
3		*	2433.975	108.727	111.251	N/A	N/A	-2.524	PK
4			2483.500	57.906	60.202	-16.094	74.000	-2.296	PK
5			2490.025	59.383	61.649	-14.617	74.000	-2.266	PK

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

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

Site: AC1	Time: 2020/01/18 - 16:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz	

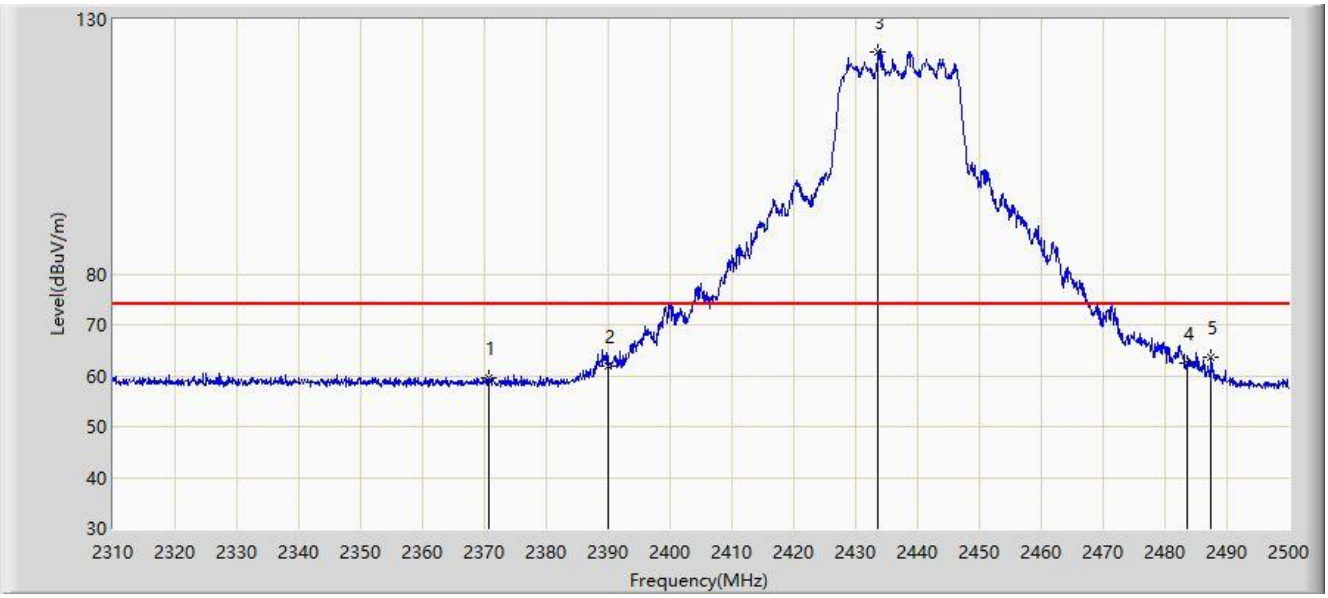


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.673	49.399	-7.327	54.000	-2.726	AV
2		*	2434.450	89.512	92.034	N/A	N/A	-2.522	AV
3			2483.500	46.242	48.538	-7.758	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/18 - 16:31
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz	

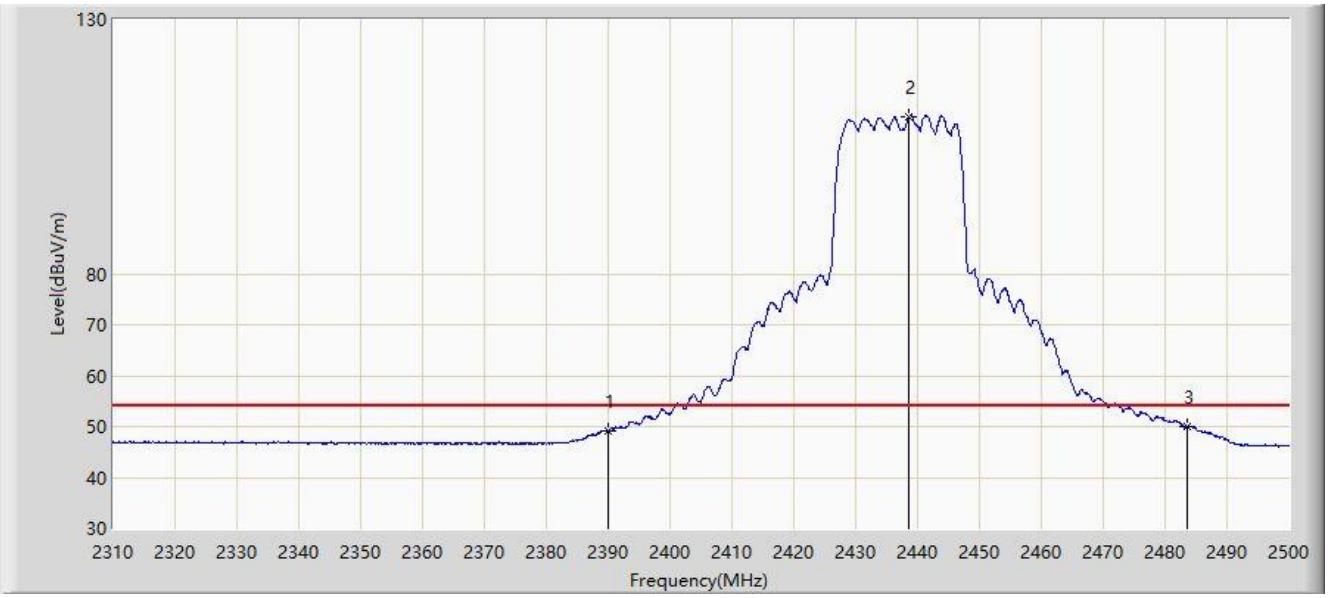


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.610	59.668	62.483	-14.332	74.000	-2.815	PK
2			2390.000	61.757	64.483	-12.243	74.000	-2.726	PK
3		*	2433.690	123.662	126.187	N/A	N/A	-2.525	PK
4			2483.500	62.605	64.901	-11.395	74.000	-2.296	PK
5			2487.460	63.700	65.978	-10.300	74.000	-2.278	PK

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

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

Site: AC1	Time: 2020/01/18 - 16:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2437MHz	

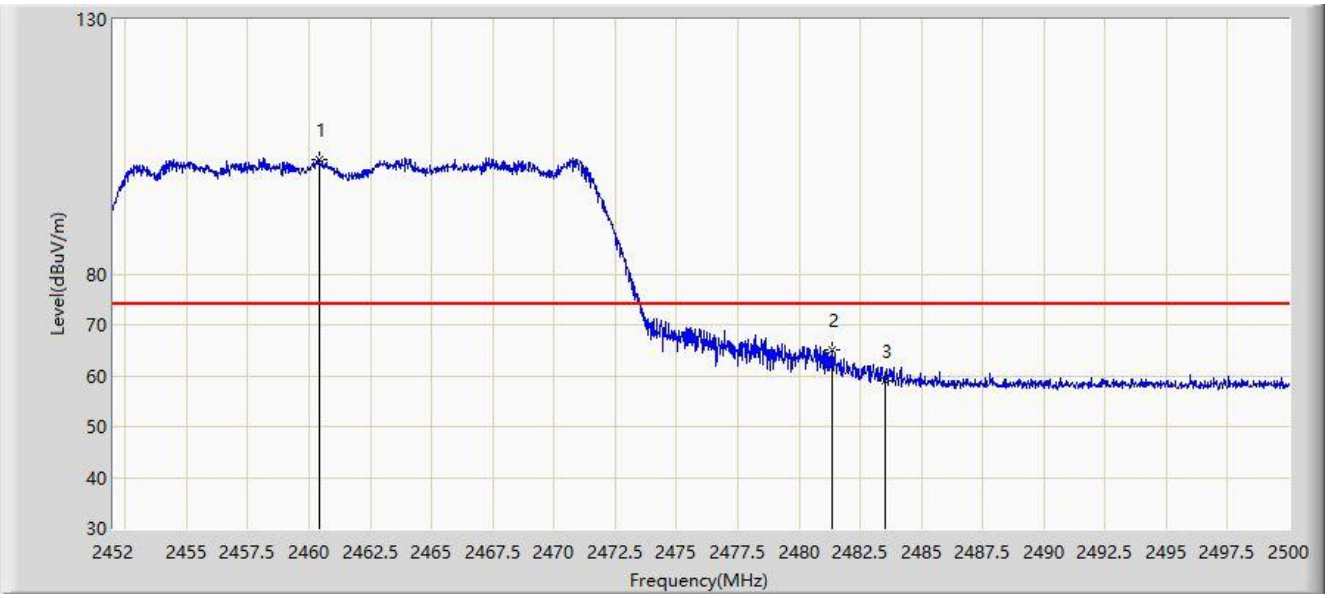


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.055	51.781	-4.945	54.000	-2.726	AV
2	X	*	2438.630	110.952	113.454	N/A	N/A	-2.502	AV
3			2483.500	50.011	52.307	-3.989	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/01 - 00:20
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

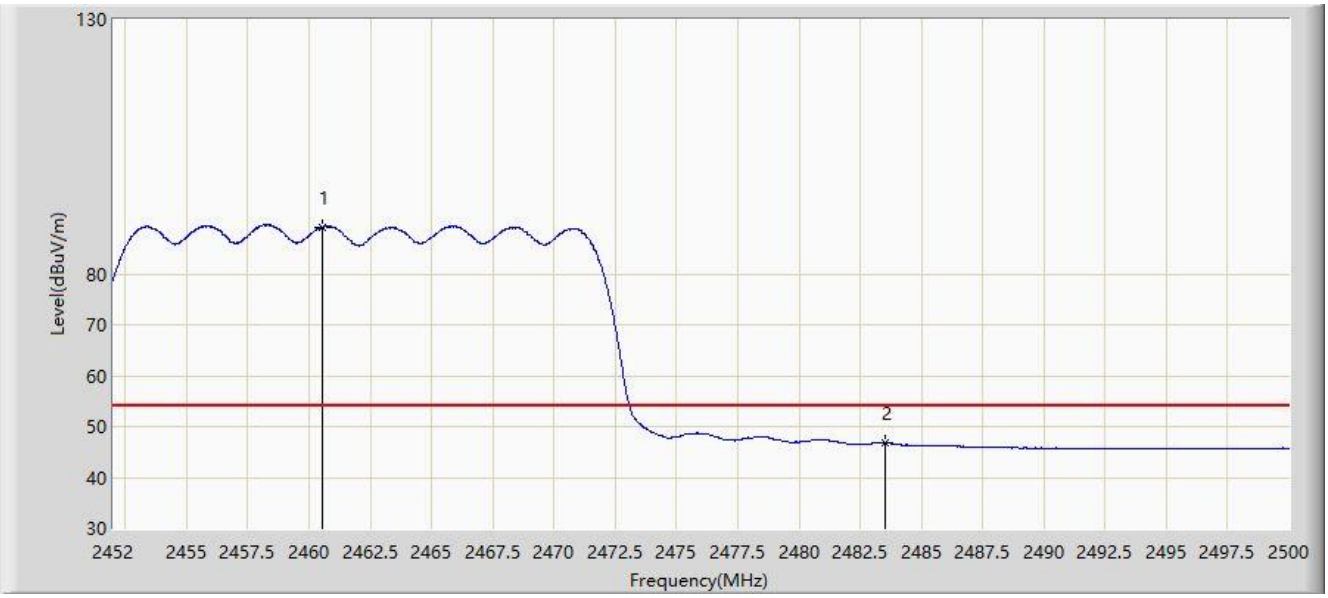


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.448	102.369	104.771	N/A	N/A	-2.401	PK
2			2481.376	65.058	67.363	-8.942	74.000	-2.305	PK
3			2483.500	59.102	61.398	-14.898	74.000	-2.296	PK

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

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

Site: AC1	Time: 2020/01/01 - 00:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

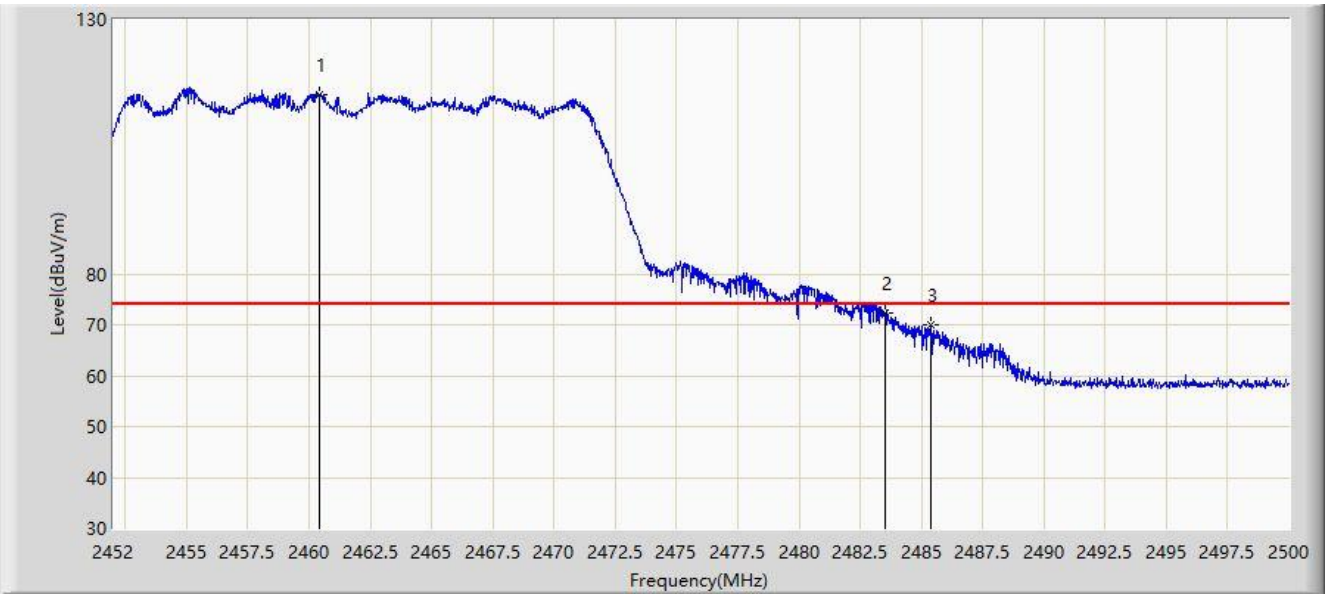


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.520	89.208	91.609	N/A	N/A	-2.401	AV
2			2483.500	46.734	49.030	-7.266	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/01/01 - 00:15
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

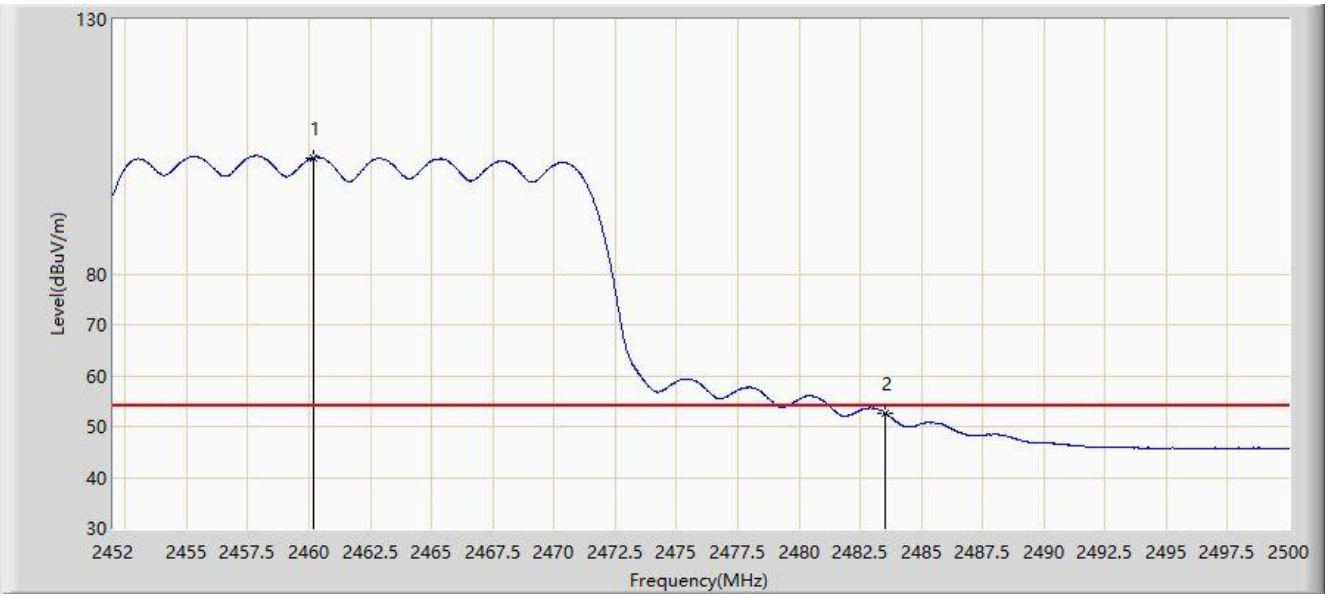


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.448	115.289	117.691	N/A	N/A	-2.401	PK
2			2483.500	72.274	74.570	-1.726	74.000	-2.296	PK
3			2485.360	69.971	72.258	-4.029	74.000	-2.287	PK

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

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

Site: AC1	Time: 2020/01/01 - 00:19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE20 at Channel 2462MHz	

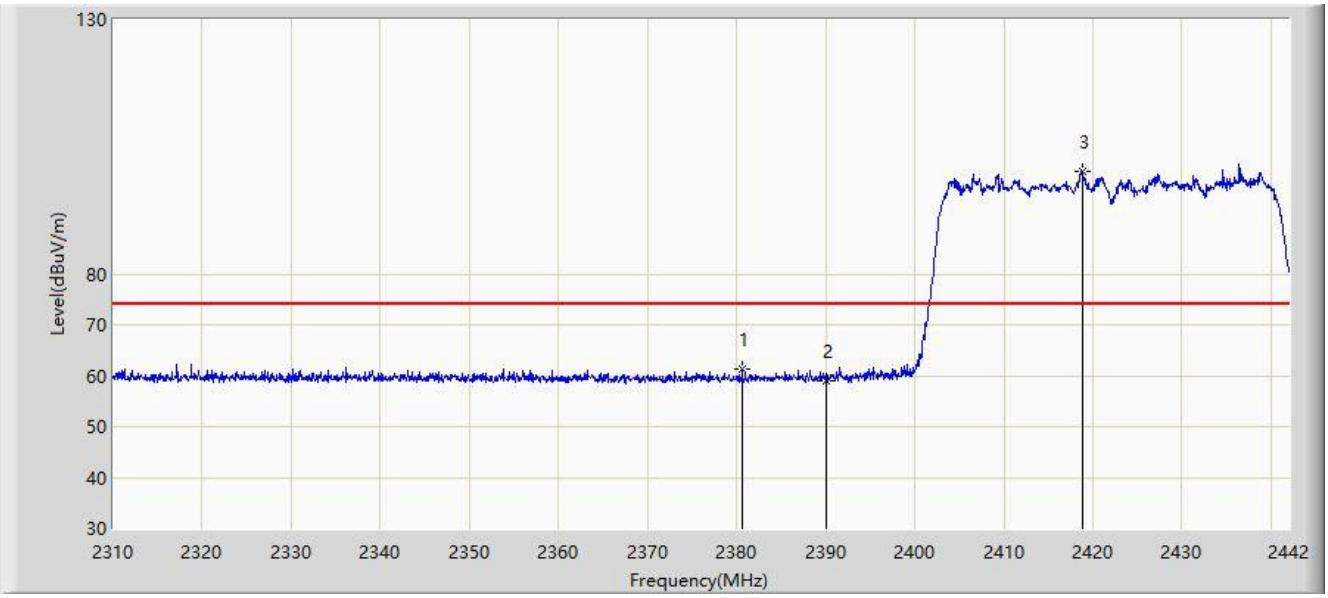


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.208	102.875	105.278	N/A	N/A	-2.403	AV
2			2483.500	52.741	55.037	-1.259	54.000	-2.296	AV

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

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

Site: AC1	Time: 2020/03/22 - 13:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ax-HE40 at Channel 2422MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.620	61.393	64.162	-12.607	74.000	-2.769	PK
2			2390.000	59.107	61.833	-14.893	74.000	-2.726	PK
3		*	2418.768	100.063	102.657	N/A	N/A	-2.594	PK

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

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