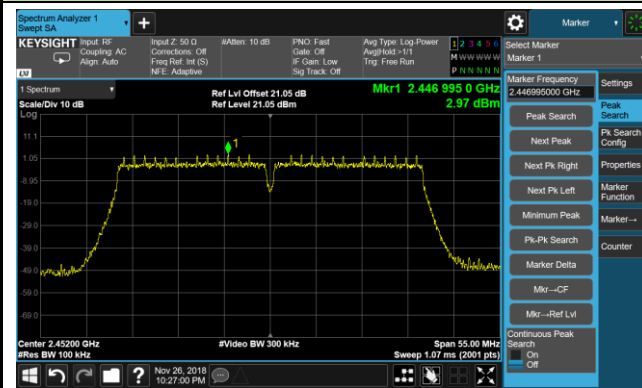


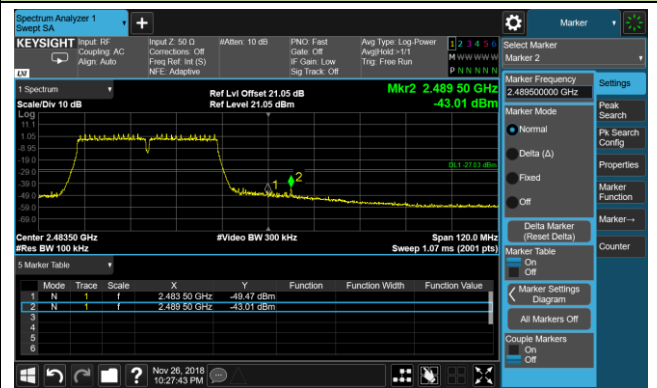
802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 09 (2452MHz)

100kHz PSD reference Level



High Band Edge



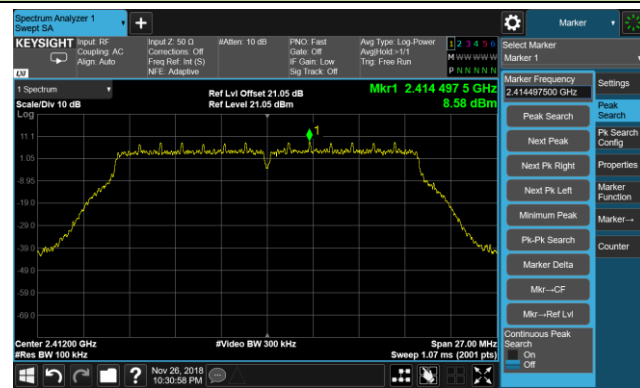
Spurious Emission



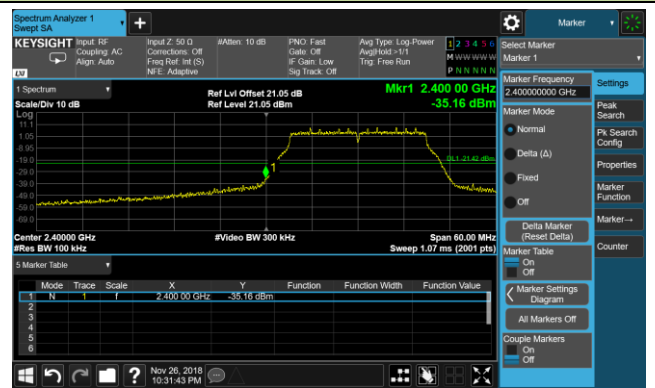
802.11ac-VHT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 01 (2412MHz)

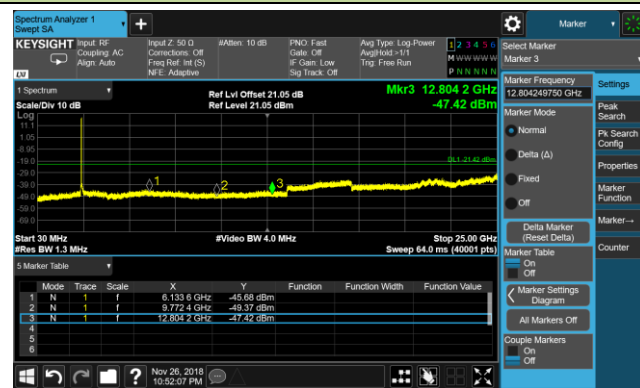
100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



802.11ac-VHT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



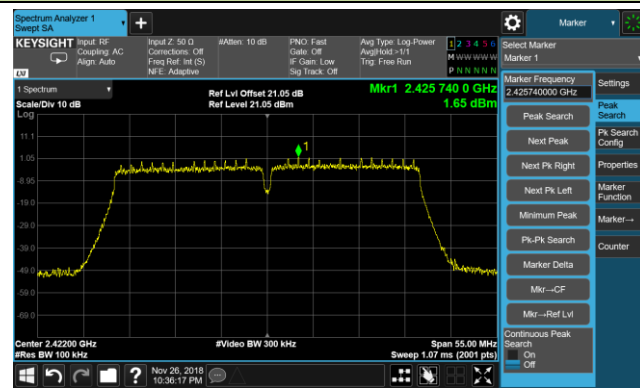
Spurious Emission



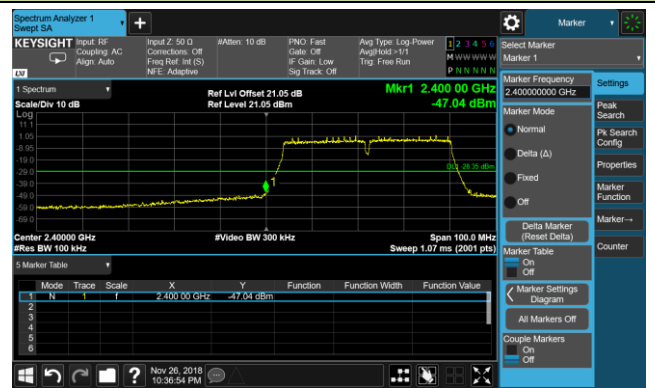
802.11ac-VHT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 03 (2422MHz)

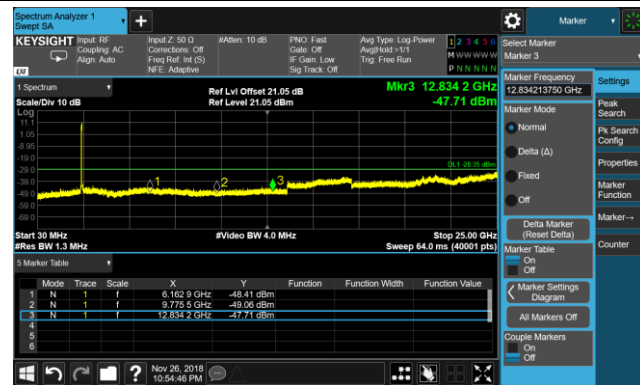
100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



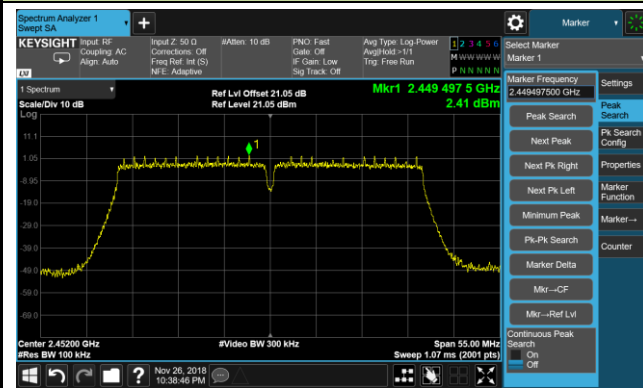
Spurious Emission



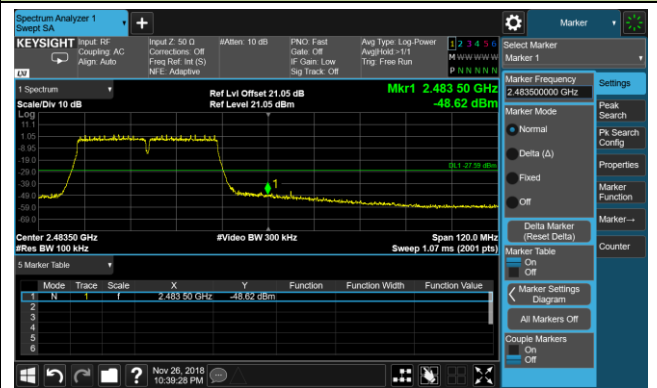
802.11ac-VHT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 09 (2452MHz)

100kHz PSD reference Level



High Band Edge



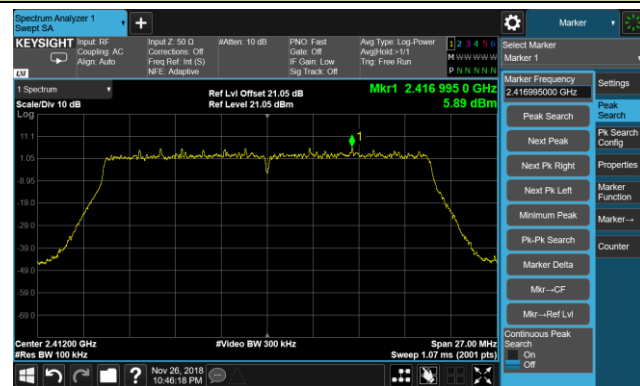
Spurious Emission



802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 01 (2412MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



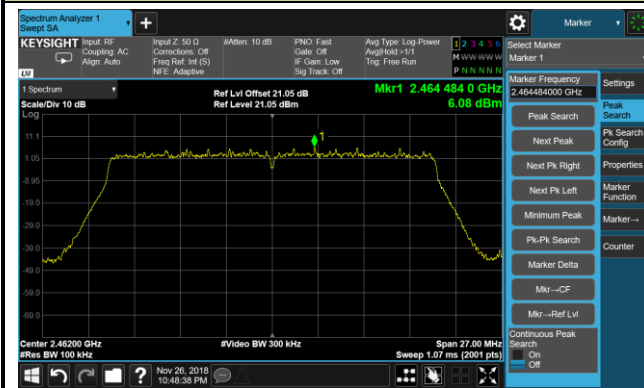
Spurious Emission



802.11ax-HE20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 11 (2462MHz)

100kHz PSD reference Level



High Band Edge



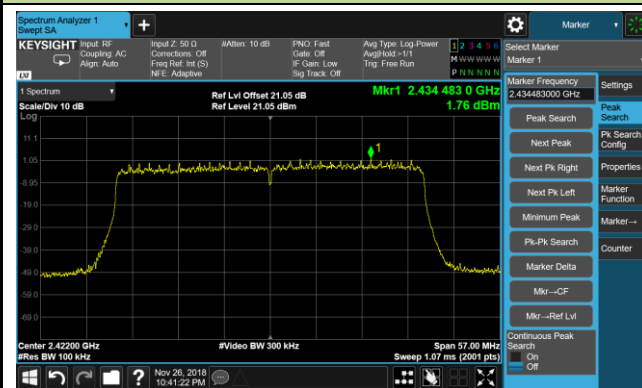
Spurious Emission



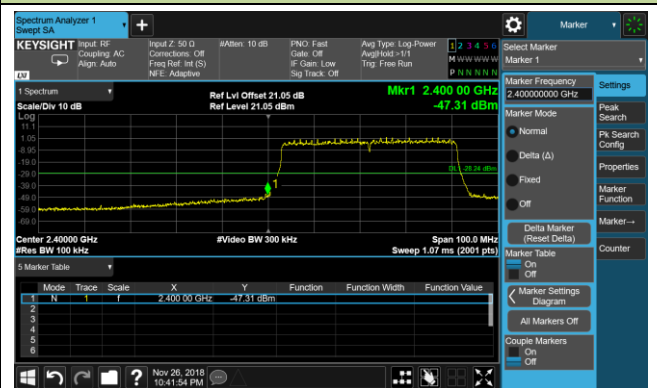
802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 03 (2422MHz)

100kHz PSD reference Level



Low Band Edge



Spurious Emission



Channel 06 (2437MHz)

100kHz PSD reference Level



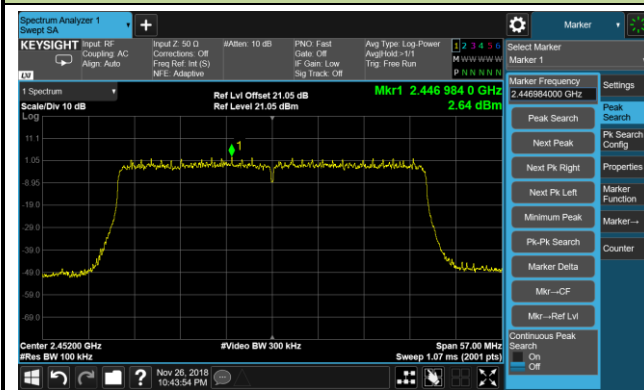
Spurious Emission



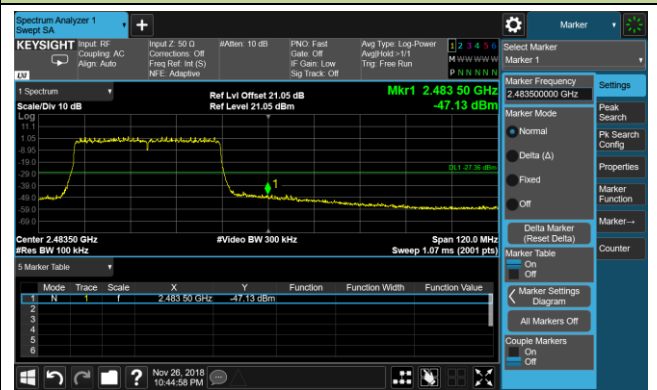
802.11ax-HE40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 09 (2452MHz)

100kHz PSD reference Level



High Band Edge



Spurious Emission



7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

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

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

7.6.2. Test Procedure Used

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

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 or average
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

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

Peak Measurements above 1GHz

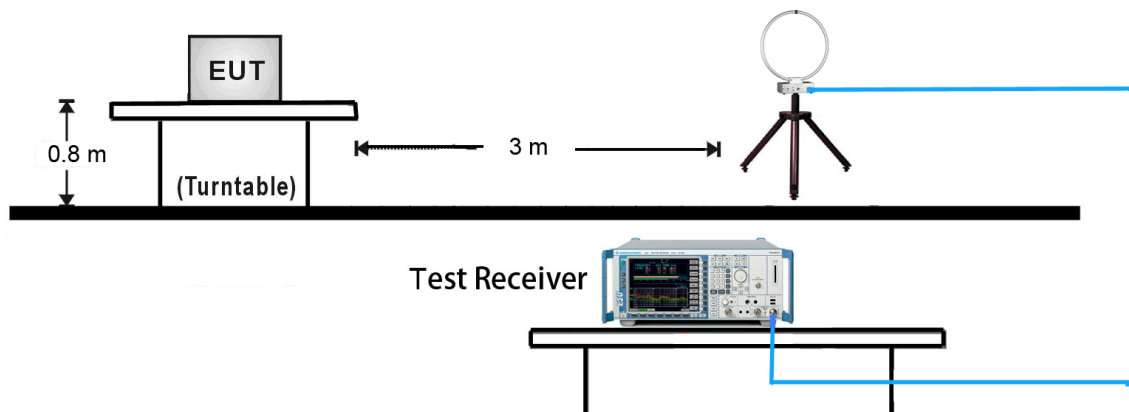
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

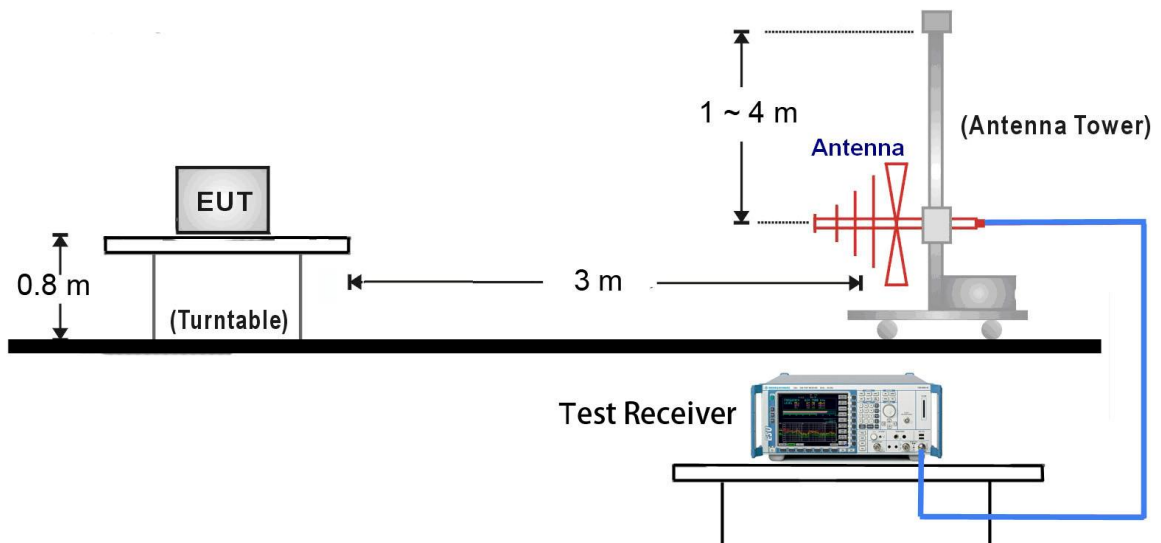
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. T is the minimum transmission duration.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

7.6.4.Test Setup

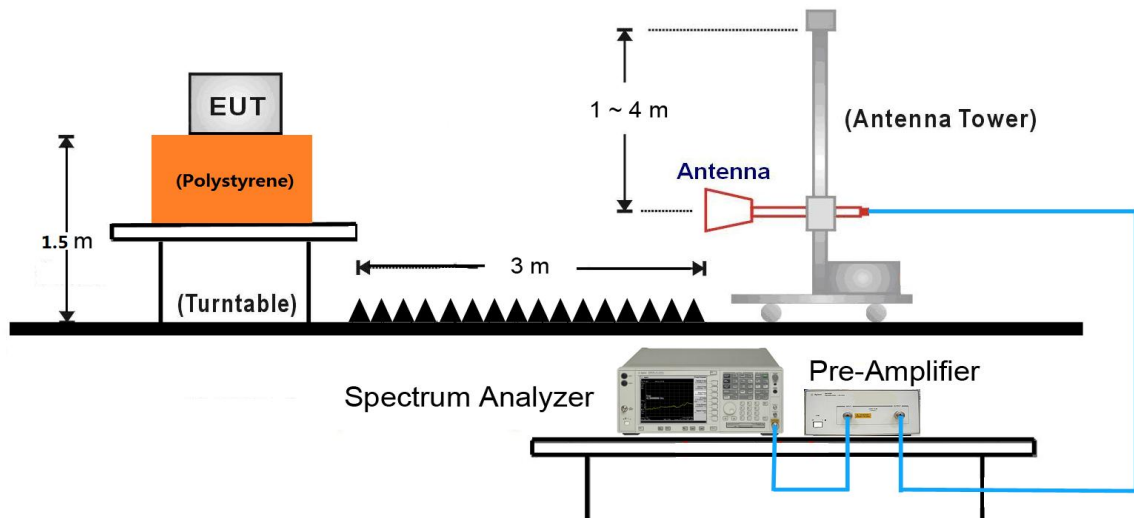
9kHz ~ 30MHz Test Setup:



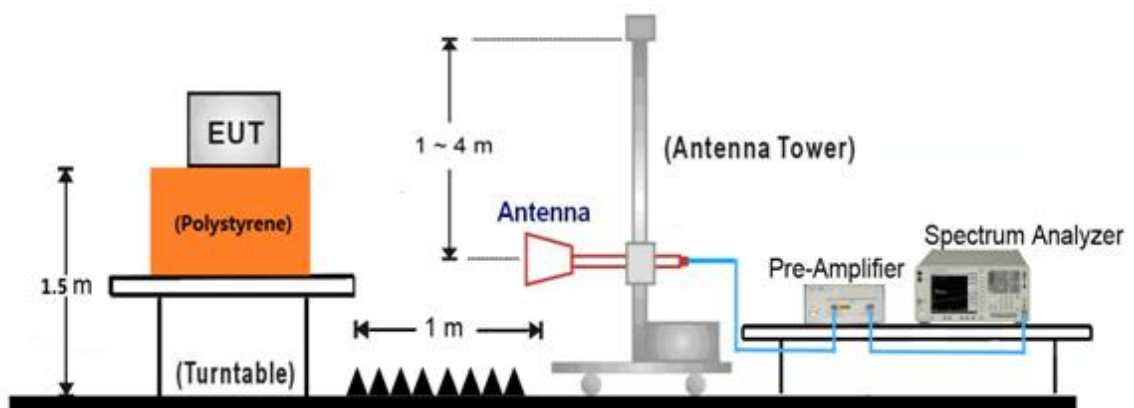
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



7.6.5. Test Result

Product	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11b - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4825.0	46.9	3.7	50.6	74.0	-23.4	Peak	Horizontal
	7451.5	36.6	12.8	49.4	74.0	-24.6	Peak	Horizontal
*	8905.0	35.7	14.0	49.7	89.8	-40.1	Peak	Horizontal
*	10384.0	36.1	16.9	53.0	89.8	-36.8	Peak	Horizontal
	4825.0	51.8	3.7	55.5	74.0	-18.5	Peak	Vertical
	4824.1	49.9	3.7	53.6	54.0	-0.4	Average	Vertical
	7621.5	36.8	12.6	49.4	74.0	-24.6	Peak	Vertical
*	8913.5	35.3	14.0	49.3	89.8	-40.5	Peak	Vertical
*	10256.5	35.6	16.5	52.1	89.8	-37.7	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11b - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	45.8	3.7	49.5	74.0	-24.5	Peak	Horizontal
	7349.5	37.2	12.4	49.6	74.0	-24.4	Peak	Horizontal
*	8803.0	34.6	14.0	48.6	92.1	-43.5	Peak	Horizontal
*	10001.5	36.8	15.4	52.2	92.1	-39.9	Peak	Horizontal
	4876.0	52.1	3.7	55.8	74.0	-18.2	Peak	Vertical
	4874.5	49.1	3.7	52.8	54.0	-1.2	Average	Vertical
	7392.0	36.4	12.6	49.0	74.0	-25.0	Peak	Vertical
*	8896.5	35.3	14.0	49.3	92.1	-42.8	Peak	Vertical
*	10001.5	37.3	15.4	52.7	92.1	-39.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (122.1dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11b - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	44.7	3.7	48.4	74.0	-25.6	Peak	Horizontal
	7672.5	36.5	12.5	49.0	74.0	-25.0	Peak	Horizontal
*	8803.0	34.6	14.0	48.6	93.7	-45.1	Peak	Horizontal
*	10001.5	38.5	15.4	53.9	93.7	-39.8	Peak	Horizontal
	4927.0	49.5	3.7	53.2	74.0	-20.8	Peak	Vertical
	7681.0	37.4	12.5	49.9	74.0	-24.1	Peak	Vertical
*	8675.5	34.9	13.7	48.6	93.7	-45.1	Peak	Vertical
*	9848.5	35.2	16.1	51.3	93.7	-42.4	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11g - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4816.5	39.8	3.7	43.5	74.0	-30.5	Peak	Horizontal
	7417.5	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	8624.5	35.2	13.5	48.7	89.1	-40.4	Peak	Horizontal
*	10001.5	37.4	15.4	52.8	89.1	-36.3	Peak	Horizontal
	4825.0	44.6	3.7	48.3	74.0	-25.7	Peak	Vertical
	7443.0	35.9	12.7	48.6	74.0	-25.4	Peak	Vertical
*	8854.0	34.5	14.0	48.5	89.1	-40.6	Peak	Vertical
*	10001.5	38.2	15.4	53.6	89.1	-35.5	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11g - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	44.1	3.7	47.8	74.0	-26.2	Peak	Horizontal
	7519.5	36.7	12.8	49.5	74.0	-24.5	Peak	Horizontal
*	8684.0	34.2	13.7	47.9	93.6	-45.7	Peak	Horizontal
*	10001.5	37.6	15.4	53.0	93.6	-40.6	Peak	Horizontal
	4867.5	49.6	3.7	53.3	74.0	-20.7	Peak	Vertical
	7681.0	36.2	12.5	48.7	74.0	-25.3	Peak	Vertical
*	8854.0	34.5	14.0	48.5	93.6	-45.1	Peak	Vertical
*	10112.0	36.3	15.8	52.1	93.6	-41.5	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11g - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	39.2	3.7	42.9	74.0	-31.1	Peak	Horizontal
	7698.0	35.6	12.4	48.0	74.0	-26.0	Peak	Horizontal
*	8650.0	34.9	13.6	48.5	88.6	-40.1	Peak	Horizontal
*	10001.5	37.5	15.4	52.9	88.6	-35.7	Peak	Horizontal
	4918.5	43.2	3.7	46.9	74.0	-27.1	Peak	Vertical
	7451.5	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	8616.0	34.1	13.5	47.6	88.6	-41.0	Peak	Vertical
*	10001.5	36.9	15.4	52.3	88.6	-36.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.6dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4825.0	40.3	3.7	44.0	74.0	-30.0	Peak	Horizontal
	7451.5	35.3	12.8	48.1	74.0	-25.9	Peak	Horizontal
*	8828.5	34.8	14.0	48.8	86.2	-37.4	Peak	Horizontal
*	10001.5	36.6	15.4	52.0	86.2	-34.2	Peak	Horizontal
	4825.0	44.2	3.7	47.9	74.0	-26.1	Peak	Vertical
	7451.5	36.8	12.8	49.6	74.0	-24.4	Peak	Vertical
*	8760.5	34.7	13.9	48.6	86.2	-37.6	Peak	Vertical
*	10001.5	37.3	15.4	52.7	86.2	-33.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (116.2dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	45.0	3.7	48.7	74.0	-25.3	Peak	Horizontal
	7519.5	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
*	8769.0	34.6	13.9	48.5	92.3	-43.8	Peak	Horizontal
*	10001.5	36.6	15.4	52.0	92.3	-40.3	Peak	Horizontal
	4876.0	49.9	3.7	53.6	74.0	-20.4	Peak	Vertical
	7655.5	36.5	12.5	49.0	74.0	-25.0	Peak	Vertical
*	8769.0	34.5	13.9	48.4	92.3	-43.9	Peak	Vertical
*	10001.5	37.9	15.4	53.3	92.3	-39.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.3dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	39.4	3.7	43.1	74.0	-30.9	Peak	Horizontal
	7434.5	35.4	12.7	48.1	74.0	-25.9	Peak	Horizontal
*	8684.0	34.7	13.7	48.4	87.6	-39.2	Peak	Horizontal
*	10001.5	37.4	15.4	52.8	87.6	-34.8	Peak	Horizontal
	4927.0	42.1	3.7	45.8	74.0	-28.2	Peak	Vertical
	7468.5	36.2	12.8	49.0	74.0	-25.0	Peak	Vertical
*	8845.5	34.3	14.0	48.3	87.6	-39.3	Peak	Vertical
*	10001.5	36.8	15.4	52.2	87.6	-35.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.6dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	39.0	3.7	42.7	74.0	-31.3	Peak	Horizontal
	7366.5	36.2	12.5	48.7	74.0	-25.3	Peak	Horizontal
*	8624.5	36.0	13.5	49.5	81.7	-32.2	Peak	Horizontal
*	10001.5	36.8	15.4	52.2	81.7	-29.5	Peak	Horizontal
	4859.0	38.8	3.7	42.5	74.0	-31.5	Peak	Vertical
	7468.5	35.2	12.8	48.0	74.0	-26.0	Peak	Vertical
*	8709.5	35.6	13.8	49.4	81.7	-32.3	Peak	Vertical
*	10001.5	38.5	15.4	53.9	81.7	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.7dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	40.3	3.7	44.0	74.0	-30.0	Peak	Horizontal
	7485.5	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
*	8624.5	35.8	13.5	49.3	84.9	-35.6	Peak	Horizontal
*	10001.5	37.3	15.4	52.7	84.9	-32.2	Peak	Horizontal
	4876.0	41.9	3.7	45.6	74.0	-28.4	Peak	Vertical
	7664.0	36.3	12.5	48.8	74.0	-25.2	Peak	Vertical
*	8811.5	35.2	14.0	49.2	84.9	-35.7	Peak	Vertical
*	10001.5	37.4	15.4	52.8	84.9	-32.1	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)

Product	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4961.0	38.8	3.7	42.5	74.0	-31.5	Peak	Horizontal
	7655.5	36.1	12.5	48.6	74.0	-25.4	Peak	Horizontal
*	8633.0	35.1	13.5	48.6	81.9	-33.3	Peak	Horizontal
*	10001.5	36.9	15.4	52.3	81.9	-29.6	Peak	Horizontal
	4901.5	39.9	3.7	43.6	74.0	-30.4	Peak	Vertical
	7511.0	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
*	8641.5	35.2	13.5	48.7	81.9	-33.2	Peak	Vertical
*	10001.5	37.4	15.4	52.8	81.9	-29.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.9dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4825.0	43.6	3.7	47.3	74.0	-26.7	Peak	Horizontal
	7383.5	35.8	12.5	48.3	74.0	-25.7	Peak	Horizontal
*	8913.5	34.5	14.0	48.5	87.8	-39.3	Peak	Horizontal
*	10001.5	36.9	15.4	52.3	87.8	-35.5	Peak	Horizontal
	4825.0	43.1	3.7	46.8	74.0	-27.2	Peak	Vertical
	7502.5	36.2	12.8	49.0	74.0	-25.0	Peak	Vertical
*	8837.0	34.7	14.0	48.7	87.8	-39.1	Peak	Vertical
*	10001.5	37.6	15.4	53.0	87.8	-34.8	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	43.1	3.7	46.8	74.0	-27.2	Peak	Horizontal
	7511.0	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
*	8752.0	34.5	13.9	48.4	90.5	-42.1	Peak	Horizontal
*	10001.5	36.6	15.4	52.0	90.5	-38.5	Peak	Horizontal
	4876.0	46.1	3.7	49.8	74.0	-24.2	Peak	Vertical
	7426.0	35.9	12.7	48.6	74.0	-25.4	Peak	Vertical
*	8888.0	35.4	14.0	49.4	90.5	-41.1	Peak	Vertical
*	10001.5	37.8	15.4	53.2	90.5	-37.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (120.5dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5071.5	38.8	4.1	42.9	74.0	-31.1	Peak	Horizontal
	7519.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	8828.5	33.6	14.0	47.6	86.9	-39.3	Peak	Horizontal
*	10001.5	36.0	15.4	51.4	86.9	-35.5	Peak	Horizontal
	4927.0	41.3	3.7	45.0	74.0	-29.0	Peak	Vertical
	7468.5	35.8	12.8	48.6	74.0	-25.4	Peak	Vertical
*	8786.0	34.6	13.9	48.5	86.9	-38.4	Peak	Vertical
*	10001.5	38.4	15.4	53.8	86.9	-33.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4816.5	38.4	3.7	42.1	74.0	-31.9	Peak	Horizontal
	7460.0	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
*	8845.5	34.4	14.0	48.4	80.8	-32.4	Peak	Horizontal
*	10001.5	38.3	15.4	53.7	80.8	-27.1	Peak	Horizontal
	4850.5	39.2	3.7	42.9	74.0	-31.1	Peak	Vertical
	7562.0	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
*	8811.5	34.6	14.0	48.6	80.8	-32.2	Peak	Vertical
*	10469.0	35.1	17.1	52.2	80.8	-28.6	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4842.0	39.7	3.7	43.4	74.0	-30.6	Peak	Horizontal
	7723.5	36.3	12.4	48.7	74.0	-25.3	Peak	Horizontal
*	8862.5	34.6	14.0	48.6	84.6	-36.0	Peak	Horizontal
*	10069.5	36.4	15.6	52.0	84.6	-32.6	Peak	Horizontal
	4867.5	42.3	3.7	46.0	74.0	-28.0	Peak	Vertical
	7443.0	36.5	12.7	49.2	74.0	-24.8	Peak	Vertical
*	8692.5	33.9	13.7	47.6	84.6	-37.0	Peak	Vertical
*	10001.5	38.1	15.4	53.5	84.6	-31.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.6dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4910.0	39.7	3.7	43.4	74.0	-30.6	Peak	Horizontal
	7460.0	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
*	8777.5	34.3	13.9	48.2	82.8	-34.6	Peak	Horizontal
*	10001.5	36.1	15.4	51.5	82.8	-31.3	Peak	Horizontal
	5063.0	39.3	4.0	43.3	74.0	-30.7	Peak	Vertical
	7341.0	36.1	12.4	48.5	74.0	-25.5	Peak	Vertical
*	8803.0	34.2	14.0	48.2	82.8	-34.6	Peak	Vertical
*	10180.0	36.2	16.1	52.3	82.8	-30.5	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5037.5	39.0	4.0	43.0	74.0	-31.0	Peak	Horizontal
	7426.0	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	8667.0	34.4	13.6	48.0	87.7	-39.7	Peak	Horizontal
*	10035.5	37.2	15.5	52.7	87.7	-35.0	Peak	Horizontal
	4816.5	41.7	3.7	45.4	74.0	-28.6	Peak	Vertical
	7349.5	36.2	12.4	48.6	74.0	-25.4	Peak	Vertical
*	8828.5	34.3	14.0	48.3	87.7	-39.4	Peak	Vertical
*	10001.5	38.0	15.4	53.4	87.7	-34.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.7dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	42.6	3.7	46.3	74.0	-27.7	Peak	Horizontal
	7528.0	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
*	8803.0	34.1	14.0	48.1	92.8	-44.7	Peak	Horizontal
*	9950.5	36.7	15.3	52.0	92.8	-40.8	Peak	Horizontal
	4876.0	46.3	3.7	50.0	74.0	-24.0	Peak	Vertical
	7519.5	35.8	12.8	48.6	74.0	-25.4	Peak	Vertical
*	8854.0	35.4	14.0	49.4	92.8	-43.4	Peak	Vertical
*	10001.5	37.5	15.4	52.9	92.8	-39.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.8dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	39.0	3.7	42.7	74.0	-31.3	Peak	Horizontal
	7553.5	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
*	8701.0	34.2	13.8	48.0	88.2	-40.2	Peak	Horizontal
*	10001.5	38.6	15.4	54.0	88.2	-34.2	Peak	Horizontal
	4927.0	40.8	3.7	44.5	74.0	-29.5	Peak	Vertical
	7460.0	36.7	12.8	49.5	74.0	-24.5	Peak	Vertical
*	8913.5	34.6	14.0	48.6	88.2	-39.6	Peak	Vertical
*	10282.0	34.5	16.5	51.0	88.2	-37.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (118.2dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4969.5	38.2	3.7	41.9	74.0	-32.1	Peak	Horizontal
	7528.0	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
*	8828.5	34.4	14.0	48.4	83.5	-35.1	Peak	Horizontal
*	10392.5	35.0	16.9	51.9	83.5	-31.6	Peak	Horizontal
	4842.0	41.0	3.7	44.7	74.0	-29.3	Peak	Vertical
	7562.0	35.9	12.8	48.7	74.0	-25.3	Peak	Vertical
*	8811.5	34.1	14.0	48.1	83.5	-35.4	Peak	Vertical
*	10171.5	35.6	16.1	51.7	83.5	-31.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.5dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	38.9	3.7	42.6	74.0	-31.4	Peak	Horizontal
	7392.0	37.0	12.6	49.6	74.0	-24.4	Peak	Horizontal
*	8820.0	35.0	14.0	49.0	85.7	-36.7	Peak	Horizontal
*	10001.5	37.0	15.4	52.4	85.7	-33.3	Peak	Horizontal
	4867.5	42.5	3.7	46.2	74.0	-27.8	Peak	Vertical
	7494.0	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical
*	8888.0	34.9	14.0	48.9	85.7	-36.8	Peak	Vertical
*	10001.5	36.8	15.4	52.2	85.7	-33.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (115.7dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4986.5	39.0	3.8	42.8	74.0	-31.2	Peak	Horizontal
	7460.0	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	8854.0	35.4	14.0	49.4	84.5	-35.1	Peak	Horizontal
*	10001.5	36.8	15.4	52.2	84.5	-32.3	Peak	Horizontal
	4901.5	40.1	3.7	43.8	74.0	-30.2	Peak	Vertical
	7417.5	36.3	12.6	48.9	74.0	-25.1	Peak	Vertical
*	8616.0	34.5	13.5	48.0	84.5	-36.5	Peak	Vertical
*	10001.5	38.4	15.4	53.8	84.5	-30.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.5dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4842.0	39.9	3.7	43.6	74.0	-30.4	Peak	Horizontal
	7545.0	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
*	8794.5	34.1	13.9	48.0	89.0	-41.0	Peak	Horizontal
*	10001.5	37.5	15.4	52.9	89.0	-36.1	Peak	Horizontal
	4816.5	43.0	3.7	46.7	74.0	-27.3	Peak	Vertical
	7562.0	35.9	12.8	48.7	74.0	-25.3	Peak	Vertical
*	8845.5	35.0	14.0	49.0	89.0	-40.0	Peak	Vertical
*	10001.5	37.4	15.4	52.8	89.0	-36.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (119.0dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	41.0	3.7	44.7	74.0	-29.3	Peak	Horizontal
	7698.0	37.1	12.4	49.5	74.0	-24.5	Peak	Horizontal
*	8743.5	34.2	13.9	48.1	93.5	-45.4	Peak	Horizontal
*	10001.5	37.3	15.4	52.7	93.5	-40.8	Peak	Horizontal
	4867.5	45.6	3.7	49.3	74.0	-24.7	Peak	Vertical
	7383.5	36.3	12.5	48.8	74.0	-25.2	Peak	Vertical
*	8828.5	35.7	14.0	49.7	93.5	-43.8	Peak	Vertical
*	10163.0	35.7	16.0	51.7	93.5	-41.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (123.5dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	40.3	3.7	44.0	74.0	-30.0	Peak	Horizontal
	7358.0	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
*	8794.5	35.1	13.9	49.0	87.8	-38.8	Peak	Horizontal
*	10001.5	37.7	15.4	53.1	87.8	-34.7	Peak	Horizontal
	4918.5	44.9	3.7	48.6	74.0	-25.4	Peak	Vertical
	7689.5	36.4	12.4	48.8	74.0	-25.2	Peak	Vertical
*	8811.5	34.4	14.0	48.4	87.8	-39.4	Peak	Vertical
*	10001.5	38.2	15.4	53.6	87.8	-34.2	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	5080.0	38.8	4.1	42.9	74.0	-31.1	Peak	Horizontal
	7545.0	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
*	8803.0	34.3	14.0	48.3	84.8	-36.5	Peak	Horizontal
*	10197.0	34.5	16.2	50.7	84.8	-34.1	Peak	Horizontal
	4825.0	44.6	3.7	48.3	74.0	-25.7	Peak	Vertical
	7545.0	36.2	12.8	49.0	74.0	-25.0	Peak	Vertical
*	8786.0	34.7	13.9	48.6	84.8	-36.2	Peak	Vertical
*	10367.0	34.2	16.8	51.0	84.8	-33.8	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4893.0	39.0	3.7	42.7	74.0	-31.3	Peak	Horizontal
	7562.0	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
*	8905.0	34.5	14.0	48.5	87.3	-38.8	Peak	Horizontal
*	10001.5	36.4	15.4	51.8	87.3	-35.5	Peak	Horizontal
	4850.5	44.2	3.7	47.9	74.0	-26.1	Peak	Vertical
	7400.5	35.7	12.6	48.3	74.0	-25.7	Peak	Vertical
*	8684.0	35.0	13.7	48.7	87.3	-38.6	Peak	Vertical
*	10001.5	38.6	15.4	54.0	87.3	-33.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (117.3dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4927.0	38.5	3.7	42.2	74.0	-31.8	Peak	Horizontal
	7400.5	36.6	12.6	49.2	74.0	-24.8	Peak	Horizontal
*	8845.5	34.6	14.0	48.6	84.6	-36.0	Peak	Horizontal
*	10001.5	37.5	15.4	52.9	84.6	-31.7	Peak	Horizontal
	4918.5	39.1	3.7	42.8	74.0	-31.2	Peak	Vertical
	7383.5	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical
*	8905.0	35.8	14.0	49.8	84.6	-34.8	Peak	Vertical
*	10307.5	34.5	16.6	51.1	84.6	-33.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (114.6dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4833.5	42.0	3.7	45.7	74.0	-28.3	Peak	Horizontal
	7502.5	36.6	12.8	49.4	74.0	-24.6	Peak	Horizontal
*	8896.5	35.6	14.0	49.6	92.0	-42.4	Peak	Horizontal
*	10307.5	35.1	16.6	51.7	92.0	-40.3	Peak	Horizontal
	4833.5	46.5	3.7	50.2	74.0	-23.8	Peak	Vertical
	7400.5	36.2	12.6	48.8	74.0	-25.2	Peak	Vertical
*	8752.0	34.9	13.9	48.8	92.0	-43.2	Peak	Vertical
*	10333.0	34.9	16.7	51.6	92.0	-40.4	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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	42.4	3.7	46.1	74.0	-27.9	Peak	Horizontal
	7553.5	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
*	8845.5	35.1	14.0	49.1	96.4	-47.3	Peak	Horizontal
*	10001.5	37.6	15.4	53.0	96.4	-43.4	Peak	Horizontal
	4876.0	49.3	3.7	53.0	74.0	-21.0	Peak	Vertical
	7443.0	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
*	8888.0	34.5	14.0	48.5	96.4	-47.9	Peak	Vertical
*	10316.0	35.1	16.7	51.8	96.4	-44.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (126.4dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4740.0	40.1	3.6	43.7	74.0	-30.3	Peak	Horizontal
	7434.5	35.6	12.7	48.3	74.0	-25.7	Peak	Horizontal
*	8769.0	35.2	13.9	49.1	92.3	-43.2	Peak	Horizontal
*	10001.5	37.4	15.4	52.8	92.3	-39.5	Peak	Horizontal
	4918.5	43.2	3.7	46.9	74.0	-27.1	Peak	Vertical
	7366.5	36.1	12.5	48.6	74.0	-25.4	Peak	Vertical
*	8905.0	34.5	14.0	48.5	92.3	-43.8	Peak	Vertical
*	10001.5	38.4	15.4	53.8	92.3	-38.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (122.3dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4850.5	39.1	3.7	42.8	74.0	-31.2	Peak	Horizontal
	7485.5	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	8794.5	34.7	13.9	48.6	86.9	-38.3	Peak	Horizontal
*	10001.5	37.4	15.4	52.8	86.9	-34.1	Peak	Horizontal
	4825.0	41.2	3.7	44.9	74.0	-29.1	Peak	Vertical
	7434.5	35.6	12.7	48.3	74.0	-25.7	Peak	Vertical
*	8692.5	34.6	13.7	48.3	86.9	-38.6	Peak	Vertical
*	10001.5	37.7	15.4	53.1	86.9	-33.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (116.9dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4884.5	39.4	3.7	43.1	74.0	-30.9	Peak	Horizontal
	7528.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	8845.5	35.1	14.0	49.1	89.4	-40.3	Peak	Horizontal
*	10001.5	36.9	15.4	52.3	89.4	-37.1	Peak	Horizontal
	4867.5	43.3	3.7	47.0	74.0	-27.0	Peak	Vertical
	7485.5	35.4	12.8	48.2	74.0	-25.8	Peak	Vertical
*	8871.0	33.6	14.0	47.6	89.4	-41.8	Peak	Vertical
*	10231.0	34.6	16.4	51.0	89.4	-38.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (119.4dBμV/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	AX11000 MU-MIMO Tri-Band Gaming Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4833.5	38.5	3.7	42.2	74.0	-31.8	Peak	Horizontal
	7468.5	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
*	8845.5	35.7	14.0	49.7	87.1	-37.4	Peak	Horizontal
*	10001.5	37.6	15.4	53.0	87.1	-34.1	Peak	Horizontal
	4876.0	39.2	3.7	42.9	74.0	-31.1	Peak	Vertical
	7392.0	36.4	12.6	49.0	74.0	-25.0	Peak	Vertical
*	8667.0	35.5	13.6	49.1	87.1	-38.0	Peak	Vertical
*	10375.5	35.0	16.9	51.9	87.1	-35.2	Peak	Vertical

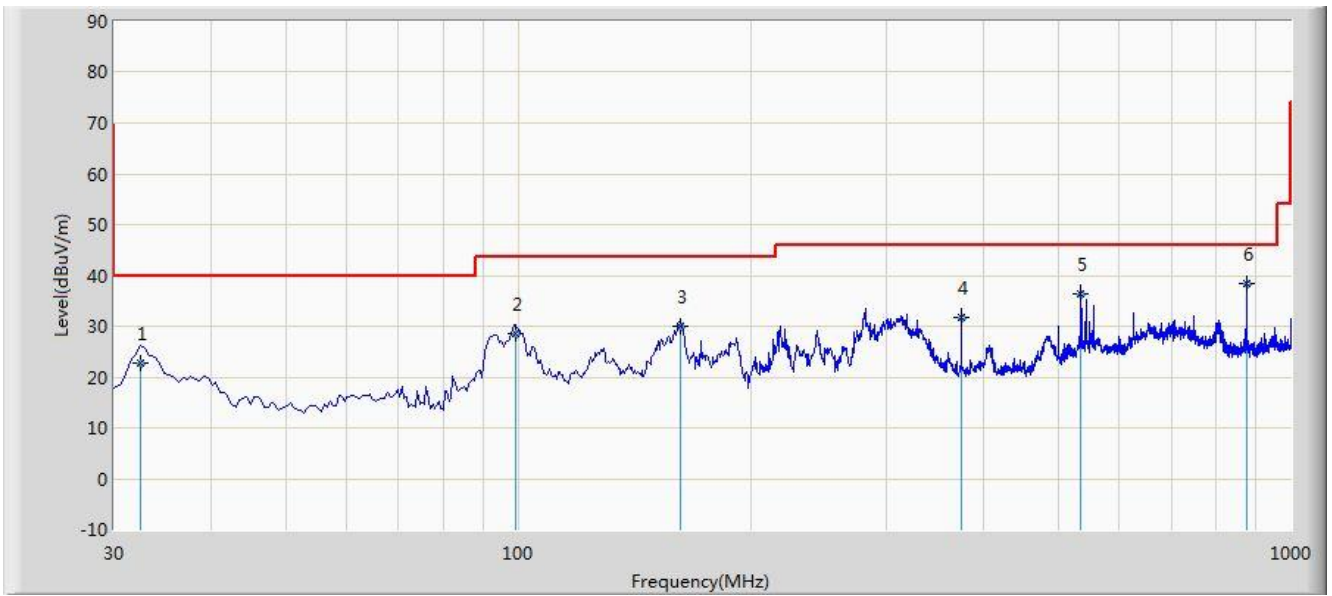
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.1dBμV/m) or 15.209 which is higher.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/12/01 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03GHz_8GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Worst case	



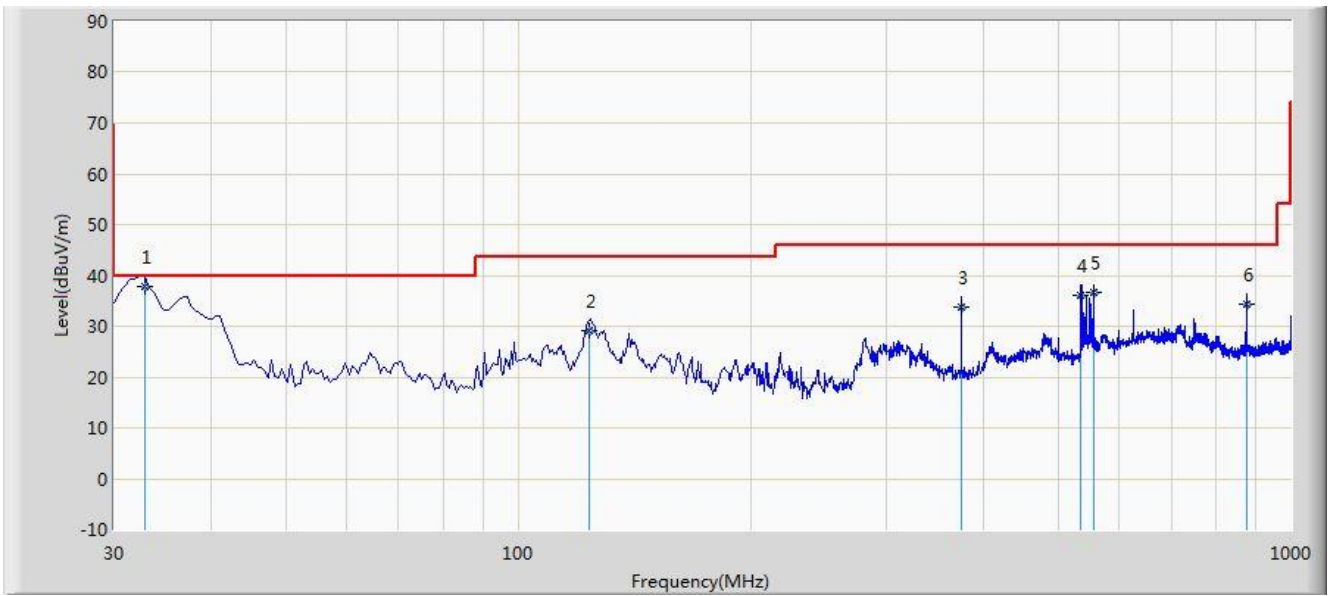
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			32.425	22.708	10.228	-17.292	40.000	12.480	QP
2			99.355	28.476	15.496	-15.024	43.500	12.980	QP
3			161.920	30.087	20.050	-13.413	43.500	10.037	QP
4			374.835	31.595	15.170	-14.405	46.000	16.425	QP
5			535.370	36.344	17.244	-9.656	46.000	19.100	QP
6		*	875.355	38.301	14.083	-7.699	46.000	24.218	QP

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

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

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

Site: AC1	Time: 2018/12/01 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03GHz_8GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Worst case	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	32.910	37.762	25.194	-2.238	40.000	12.568	QP
2			123.605	29.258	18.415	-14.242	43.500	10.844	QP
3			374.835	33.695	17.270	-12.305	46.000	16.425	QP
4			535.370	36.184	17.084	-9.816	46.000	19.100	QP
5			555.255	36.523	17.019	-9.477	46.000	19.504	QP
6			875.355	34.333	10.115	-11.667	46.000	24.218	QP

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

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

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

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

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

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

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

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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

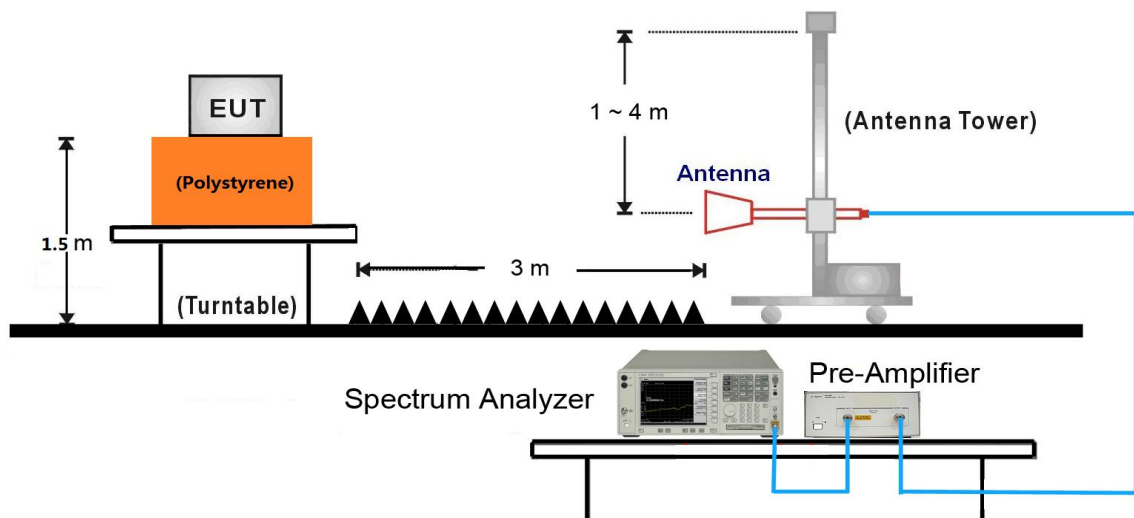
Peak Field Strength Measurements

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)

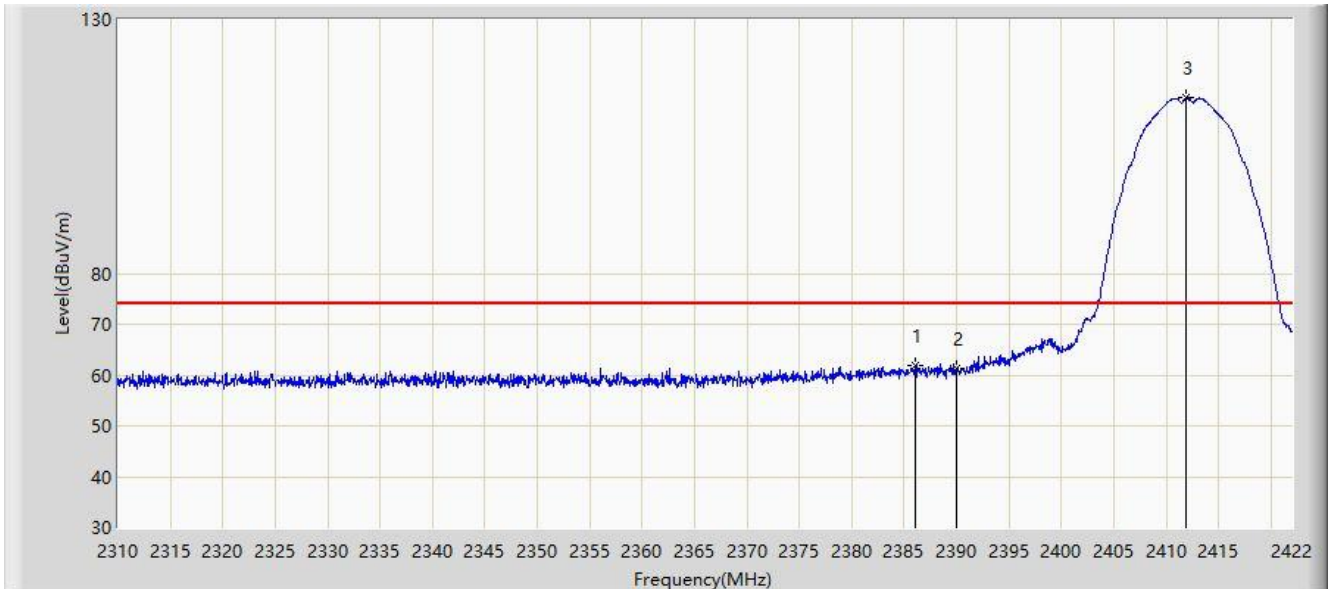
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.7.4.Test Setup



7.7.5.Test Result

Site: AC1	Time: 2018/11/23 - 23:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

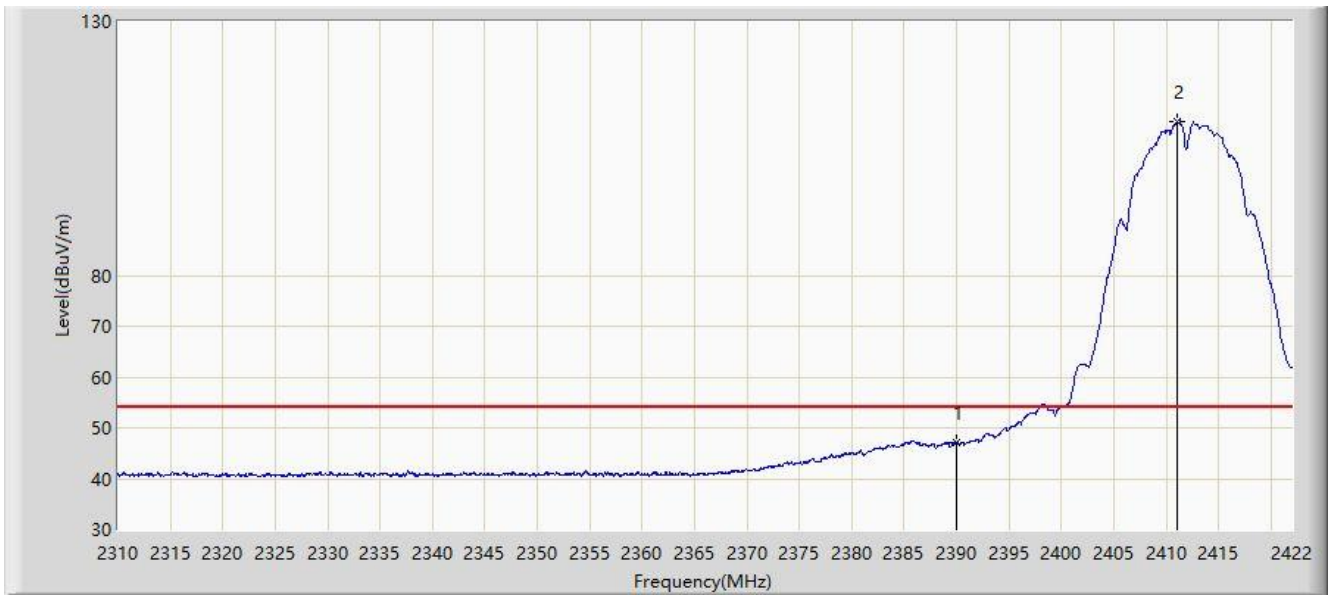


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.048	61.954	29.394	-12.046	74.000	32.560	PK
2			2390.000	61.258	28.704	-12.742	74.000	32.554	PK
3		*	2411.920	114.630	82.104	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

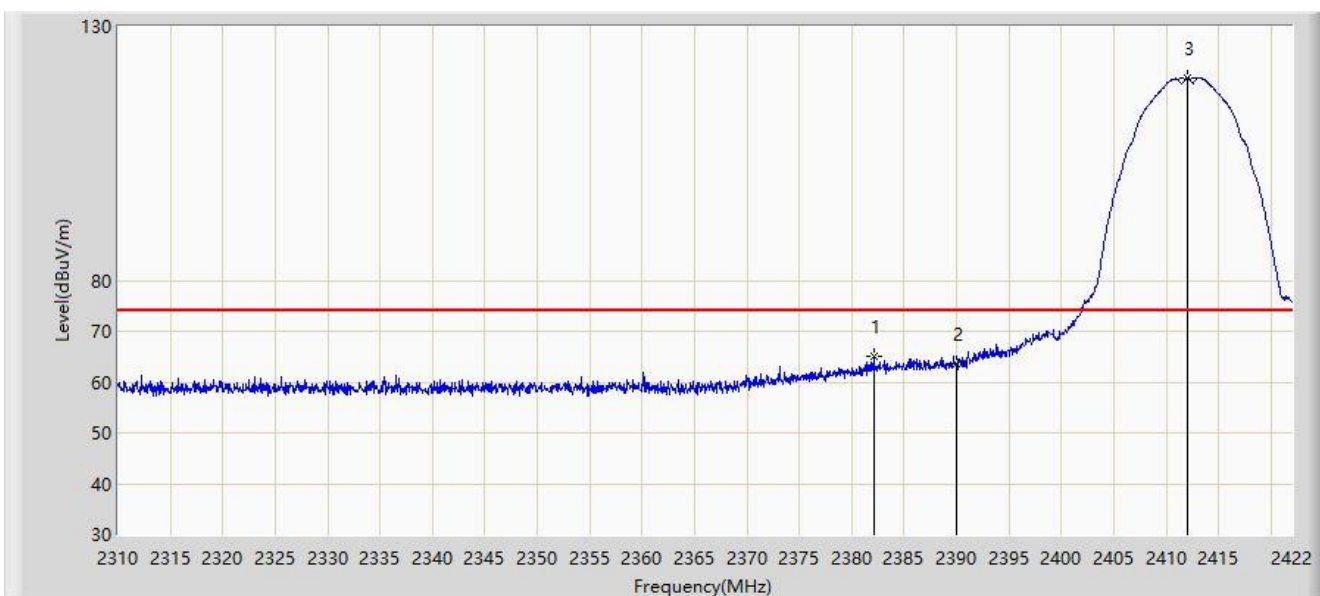


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.070	14.516	-6.930	54.000	32.554	AV
2		*	2411.080	110.346	77.819	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/11/23 - 22:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

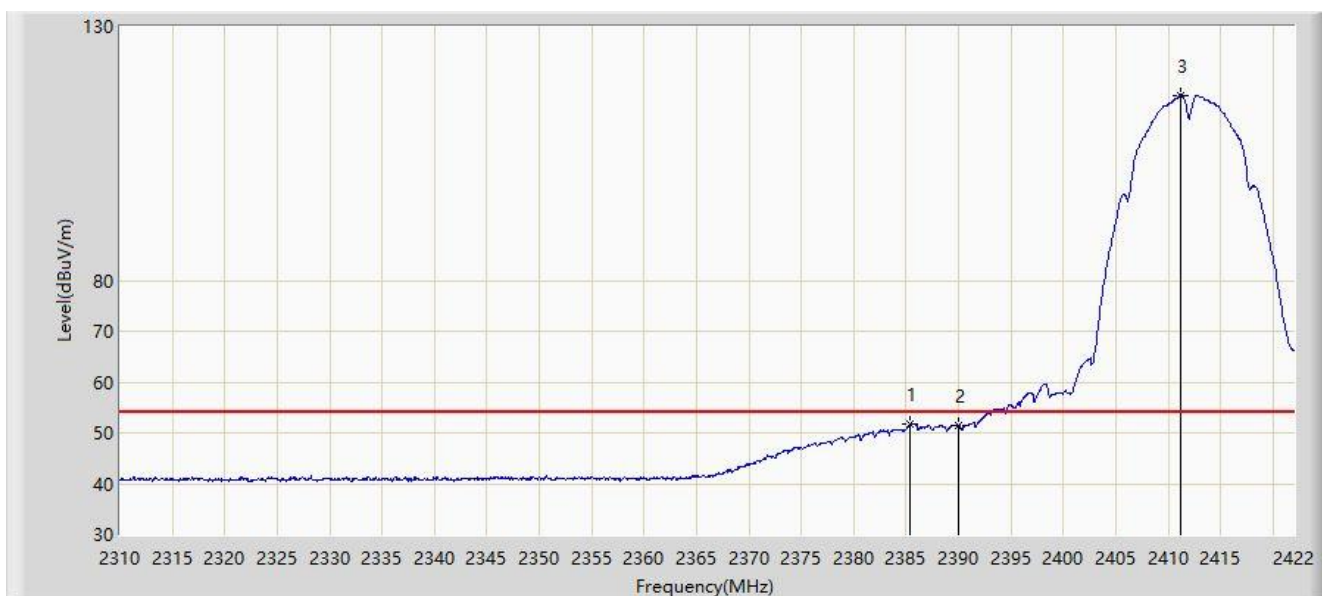


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.128	65.096	32.531	-8.904	74.000	32.565	PK
2			2390.000	63.540	30.986	-10.460	74.000	32.554	PK
3		*	2411.976	119.842	87.316	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

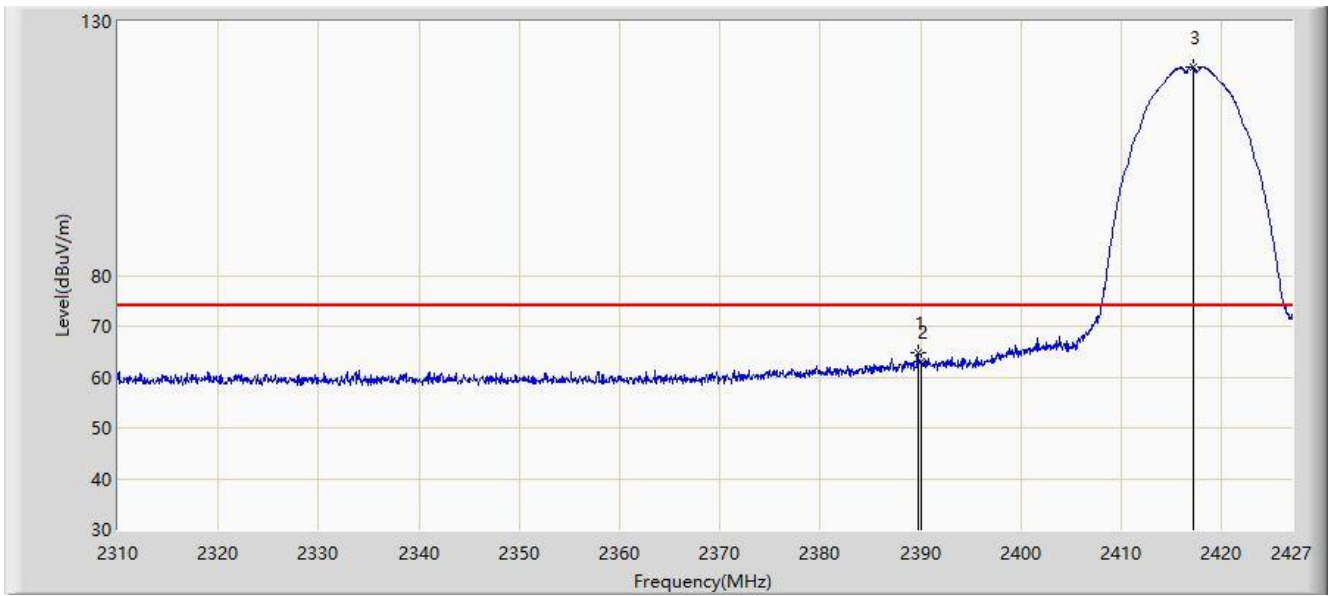


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.432	51.632	19.071	-2.368	54.000	32.561	AV
2			2390.000	51.436	18.882	-2.564	54.000	32.554	AV
3		*	2411.136	116.517	83.990	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2417MHz (CDD Mode)	

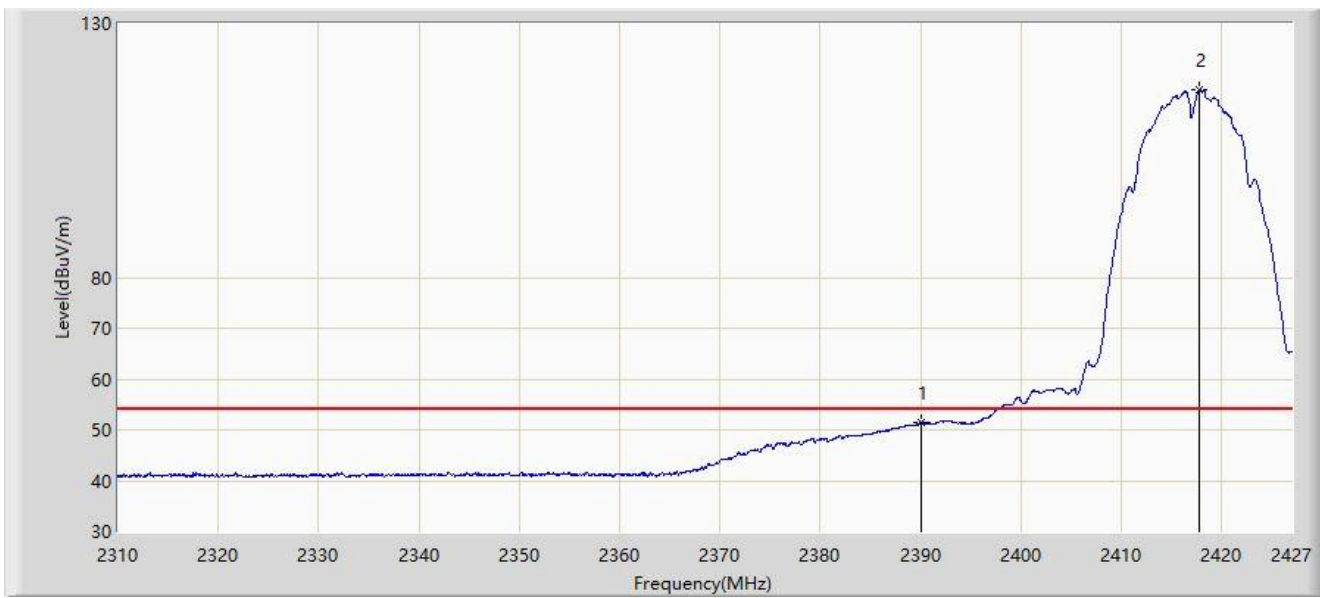


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.736	64.880	32.325	-9.120	74.000	32.555	PK
2			2390.000	62.961	30.407	-11.039	74.000	32.554	PK
3		*	2417.114	120.987	88.468	N/A	N/A	32.519	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2417MHz (CDD Mode)	

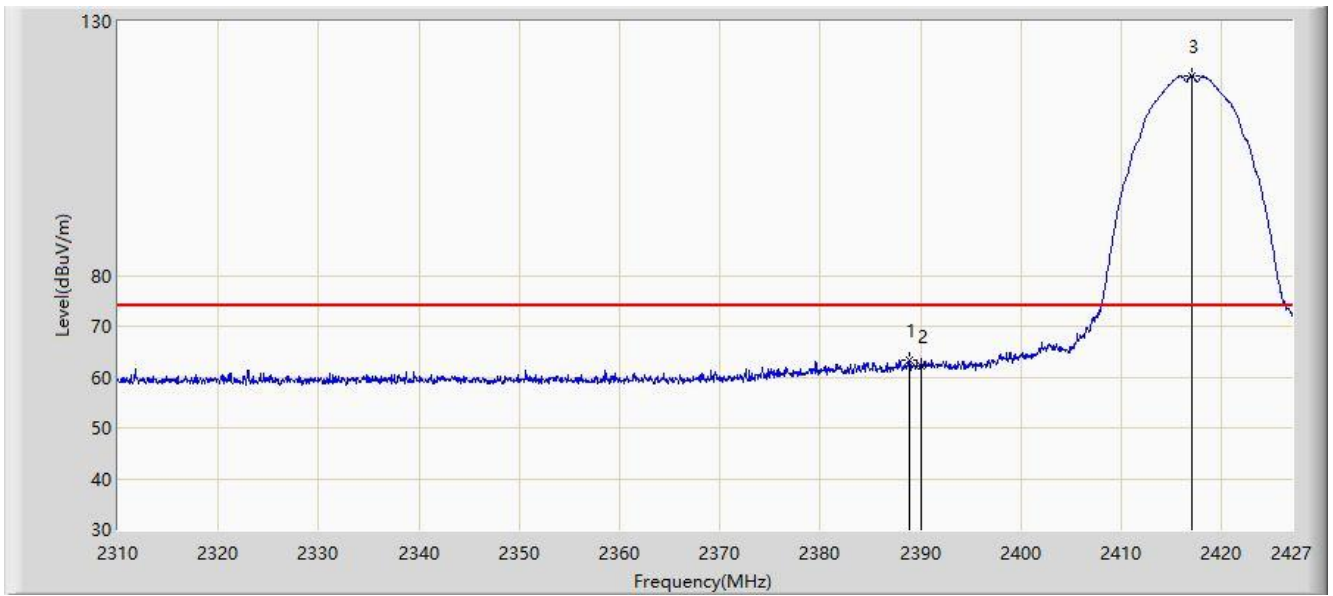


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.406	18.852	-2.594	54.000	32.554	AV
2		*	2417.815	116.853	84.334	N/A	N/A	32.519	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2417MHz (CDD Mode)	

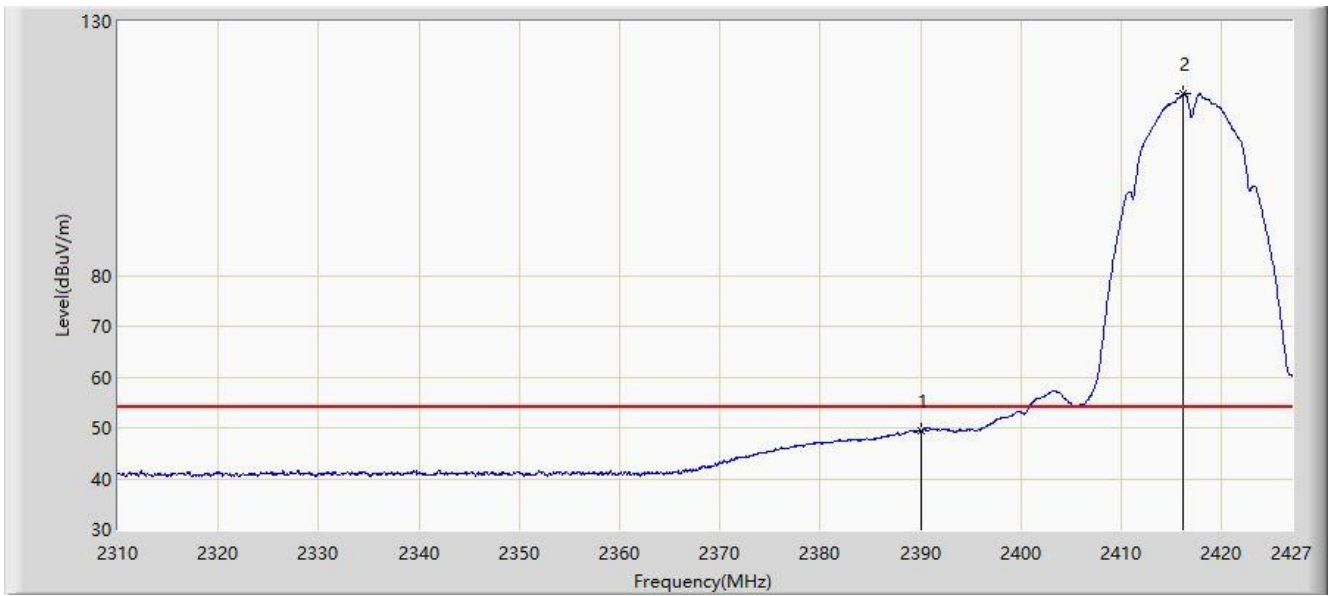


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.858	63.202	30.646	-10.798	74.000	32.556	PK
2			2390.000	62.229	29.675	-11.771	74.000	32.554	PK
3		*	2416.997	119.307	86.787	N/A	N/A	32.520	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2417MHz (CDD Mode)	

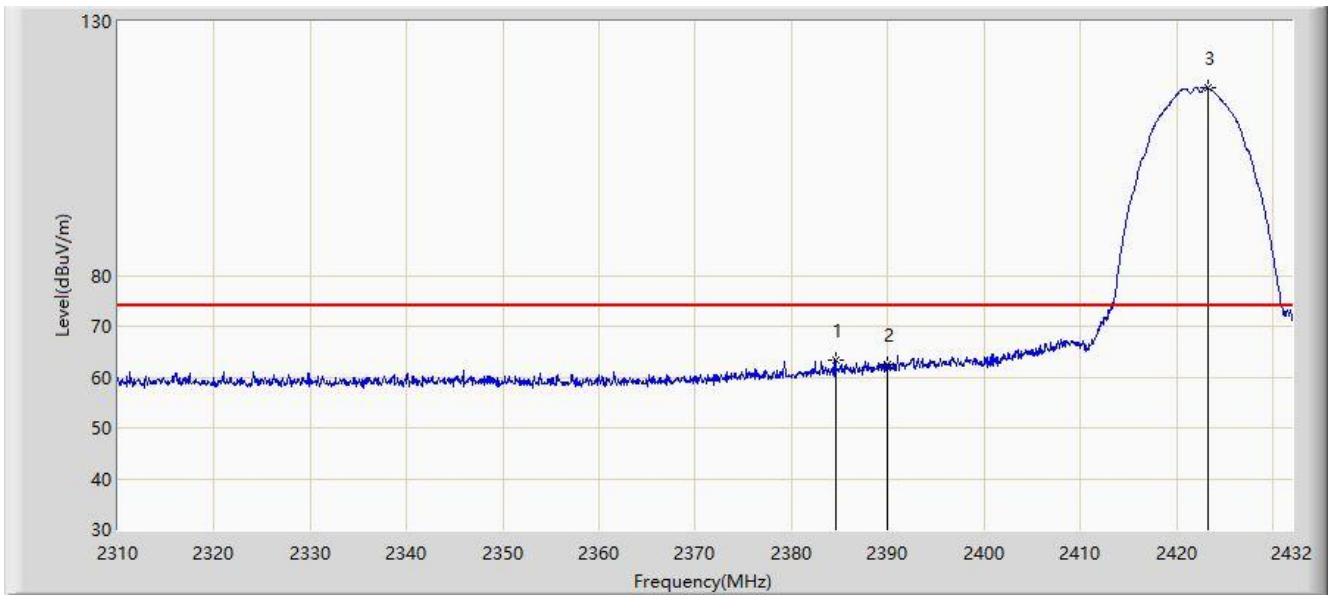


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.435	16.881	-4.565	54.000	32.554	AV
2		*	2416.119	115.654	83.133	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2422MHz (CDD Mode)	

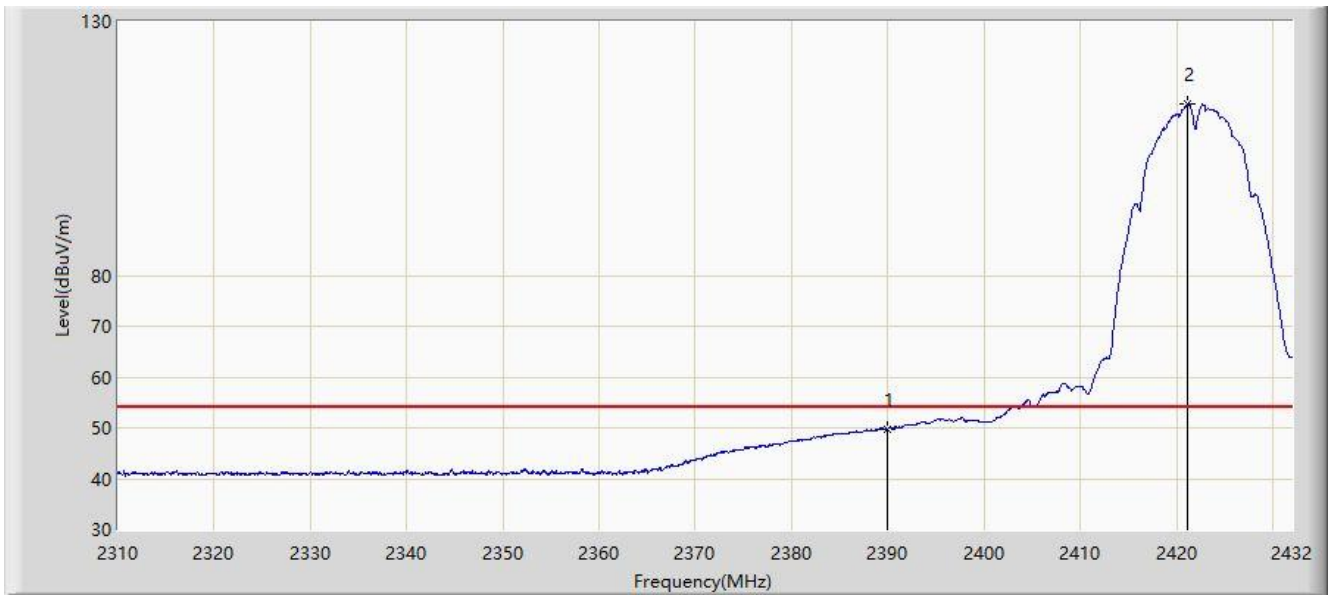


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.542	63.329	30.767	-10.671	74.000	32.561	PK
2			2390.000	62.435	29.881	-11.565	74.000	32.554	PK
3		*	2423.216	116.971	84.459	N/A	N/A	32.513	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2422MHz (CDD Mode)	

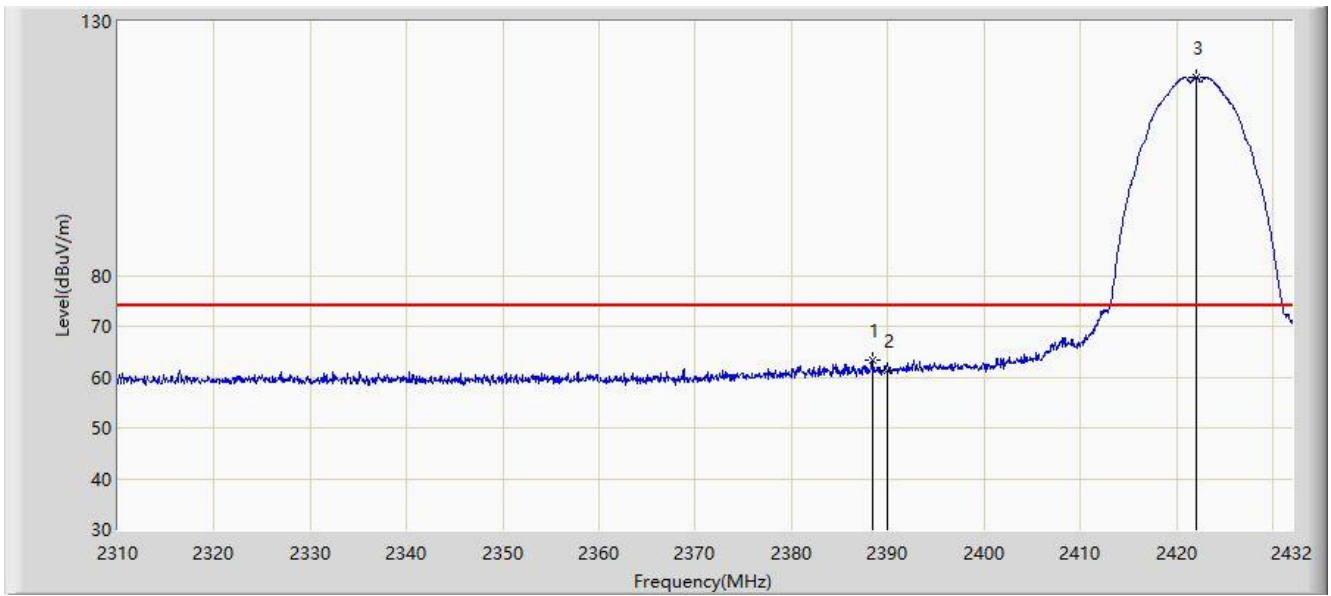


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.786	17.232	-4.214	54.000	32.554	AV
2		*	2421.142	113.703	81.188	N/A	N/A	32.515	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2422MHz (CDD Mode)	

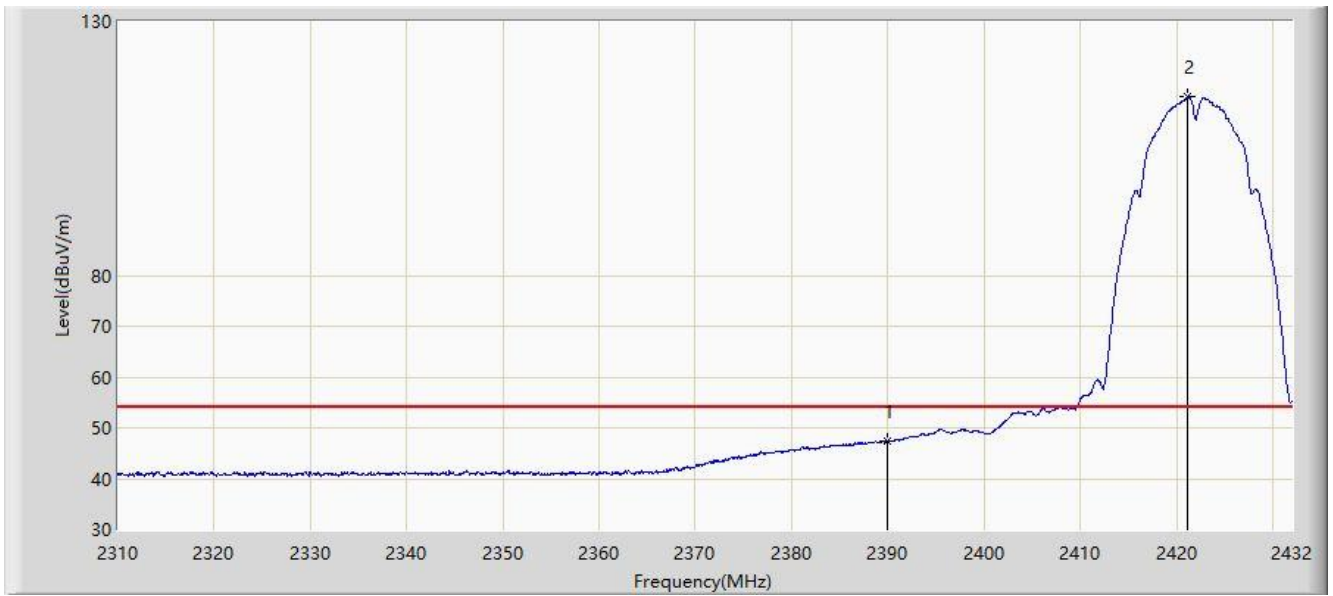


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.385	63.311	30.754	-10.689	74.000	32.557	PK
2			2390.000	61.304	28.750	-12.696	74.000	32.554	PK
3		*	2422.057	119.084	86.570	N/A	N/A	32.513	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2422MHz (CDD Mode)	

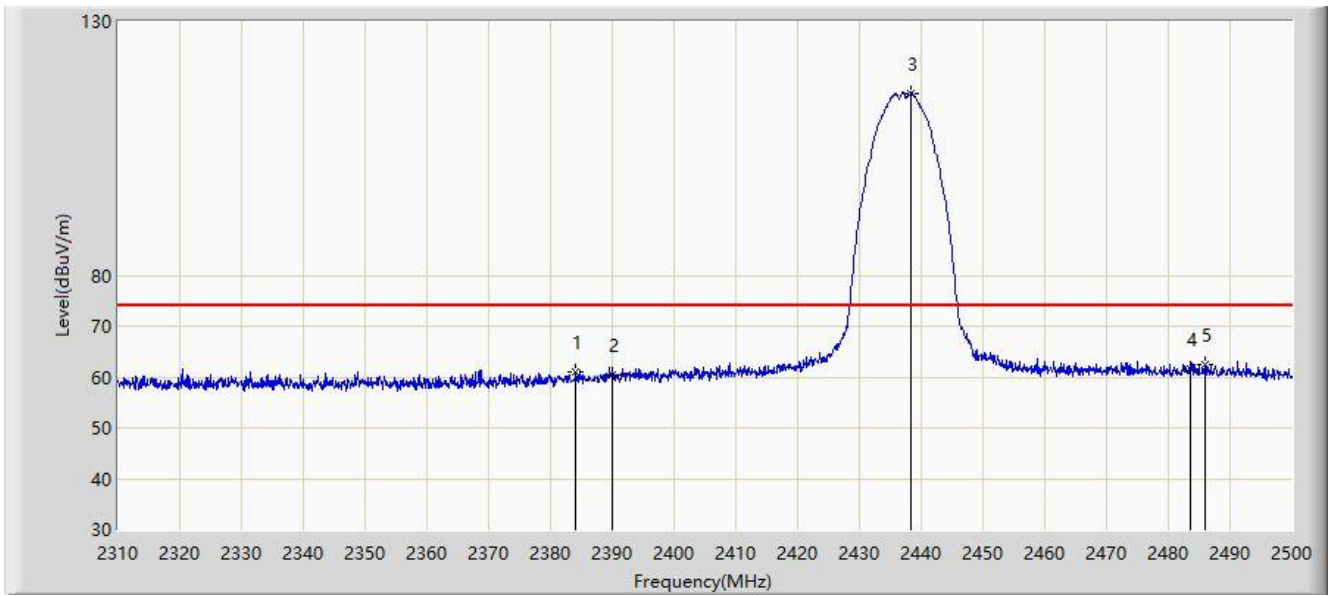


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.279	14.725	-6.721	54.000	32.554	AV
2		*	2421.203	115.255	82.740	N/A	N/A	32.514	AV

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

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

Site: AC1	Time: 2018/11/23 - 23:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz (CDD Mode)	

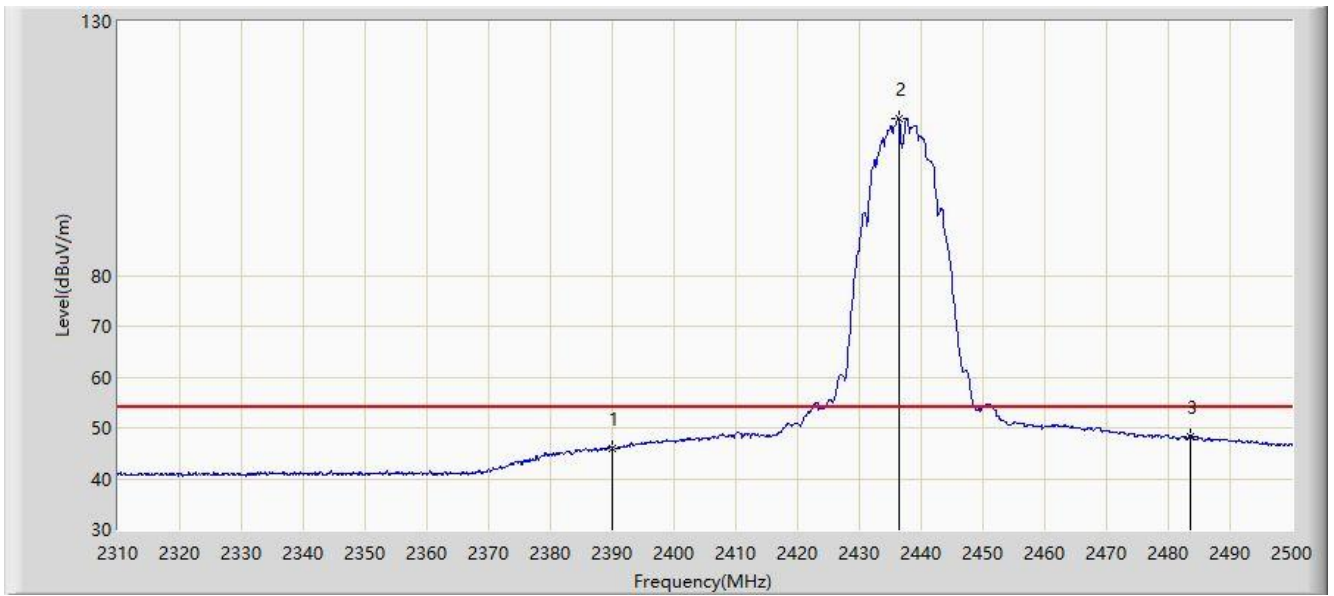


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.100	61.027	28.464	-12.973	74.000	32.563	PK
2			2390.000	60.385	27.831	-13.615	74.000	32.554	PK
3		*	2438.440	115.896	83.402	N/A	N/A	32.494	PK
4			2483.500	61.527	28.946	-12.473	74.000	32.580	PK
5			2485.845	62.510	29.922	-11.490	74.000	32.587	PK

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

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

Site: AC1	Time: 2018/11/23 - 22:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz (CDD Mode)	

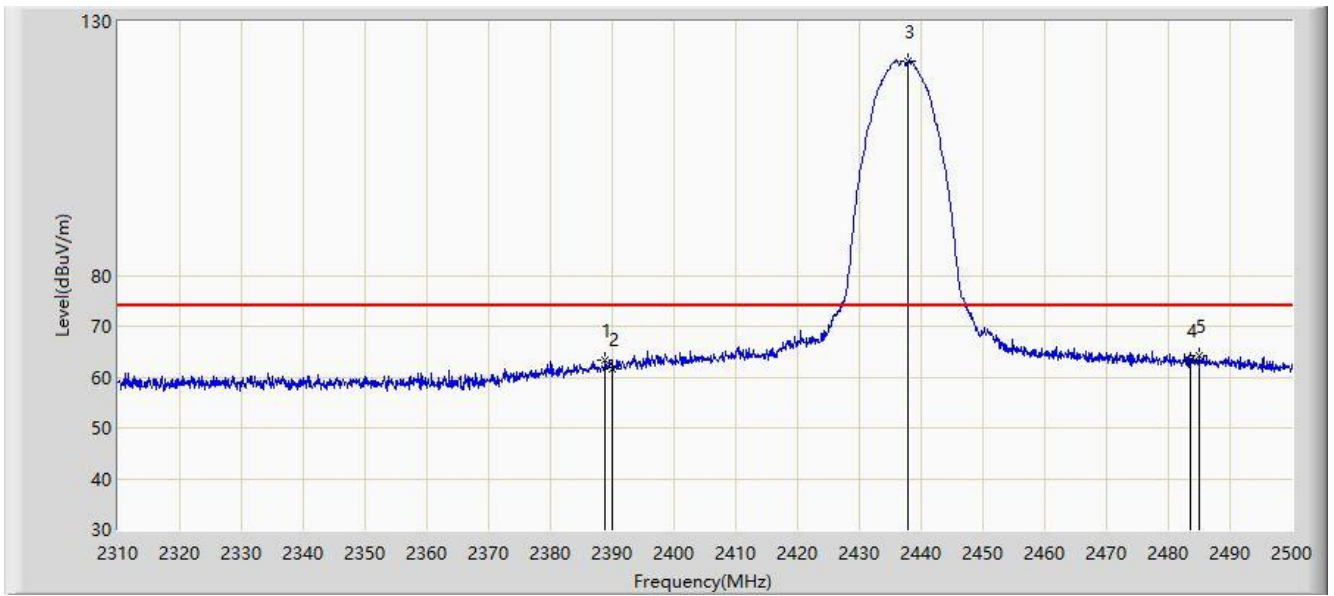


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.066	13.512	-7.934	54.000	32.554	AV
2		*	2436.350	110.738	78.241	N/A	N/A	32.497	AV
3			2483.500	48.378	15.797	-5.622	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/23 - 23:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz (CDD Mode)	

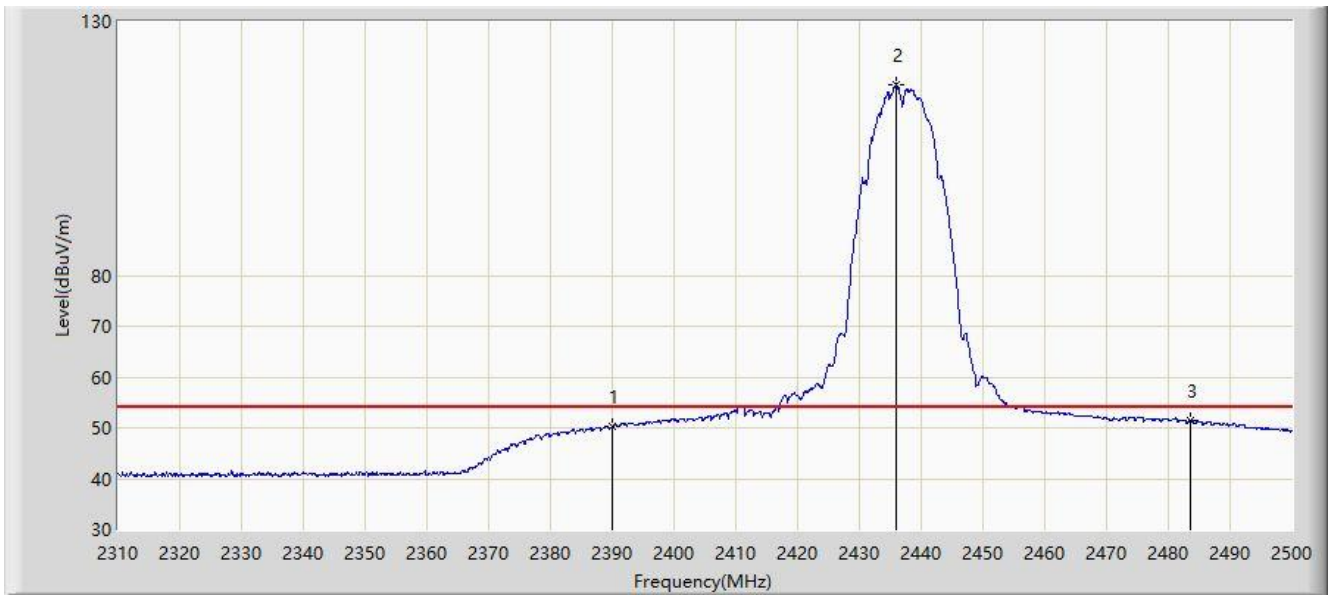


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.850	63.203	30.647	-10.797	74.000	32.556	PK
2			2390.000	61.513	28.959	-12.487	74.000	32.554	PK
3		*	2437.965	122.099	89.604	N/A	N/A	32.495	PK
4			2483.500	63.219	30.638	-10.781	74.000	32.580	PK
5			2485.085	64.242	31.657	-9.758	74.000	32.585	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz (CDD Mode)	

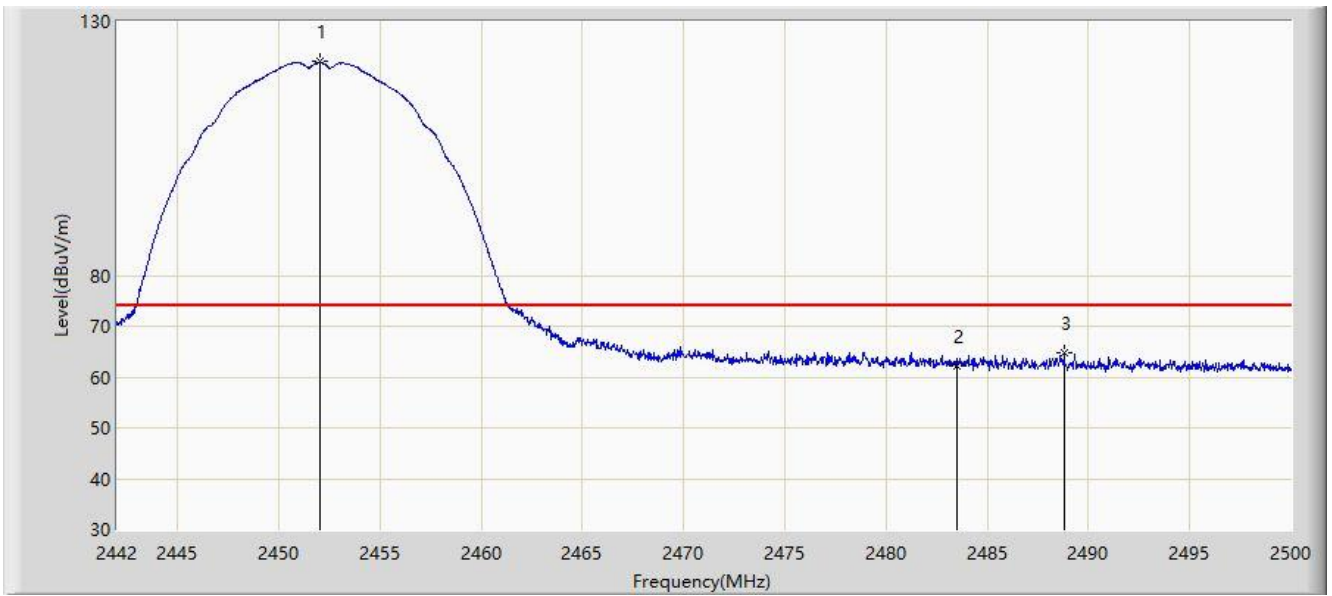


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.244	17.690	-3.756	54.000	32.554	AV
2		*	2435.970	117.551	85.054	N/A	N/A	32.497	AV
3			2483.500	51.388	18.807	-2.612	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2452MHz (CDD Mode)	

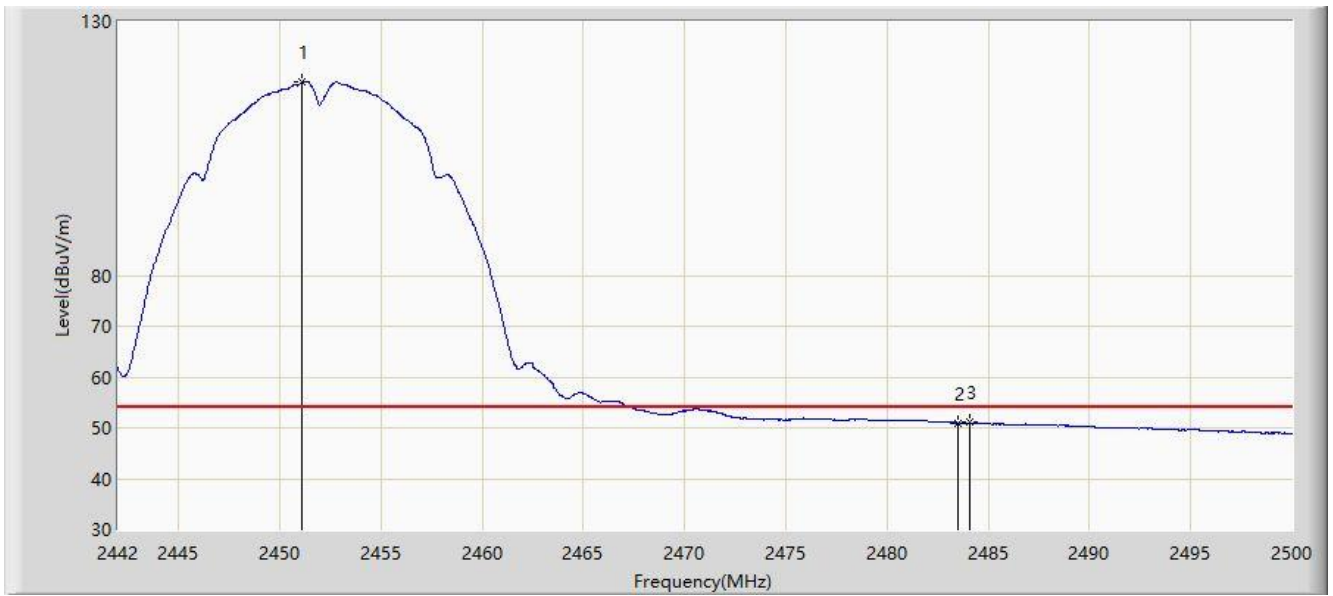


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.063	122.034	89.535	N/A	N/A	32.499	PK
2			2483.500	62.109	29.528	-11.891	74.000	32.580	PK
3			2488.806	64.839	32.243	-9.161	74.000	32.597	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2452MHz (CDD Mode)	

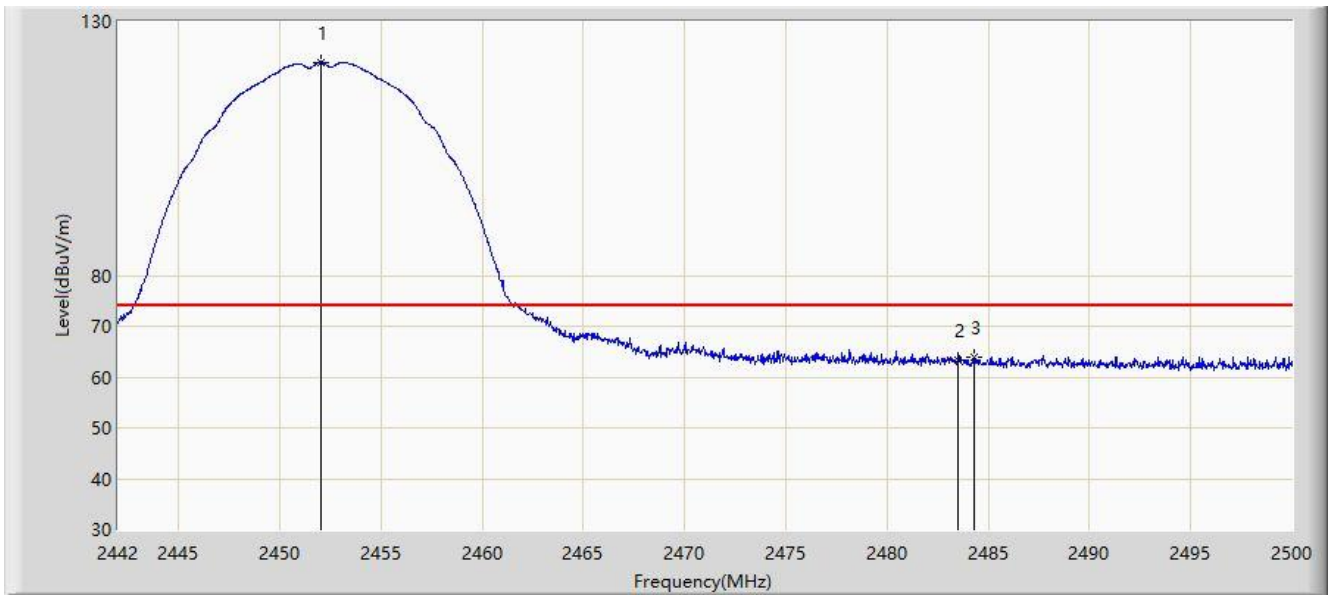


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.106	118.051	85.554	N/A	N/A	32.498	AV
2			2483.500	50.986	18.405	-3.014	54.000	32.580	AV
3			2484.079	51.019	18.437	-2.981	54.000	32.582	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2452MHz (CDD Mode)	

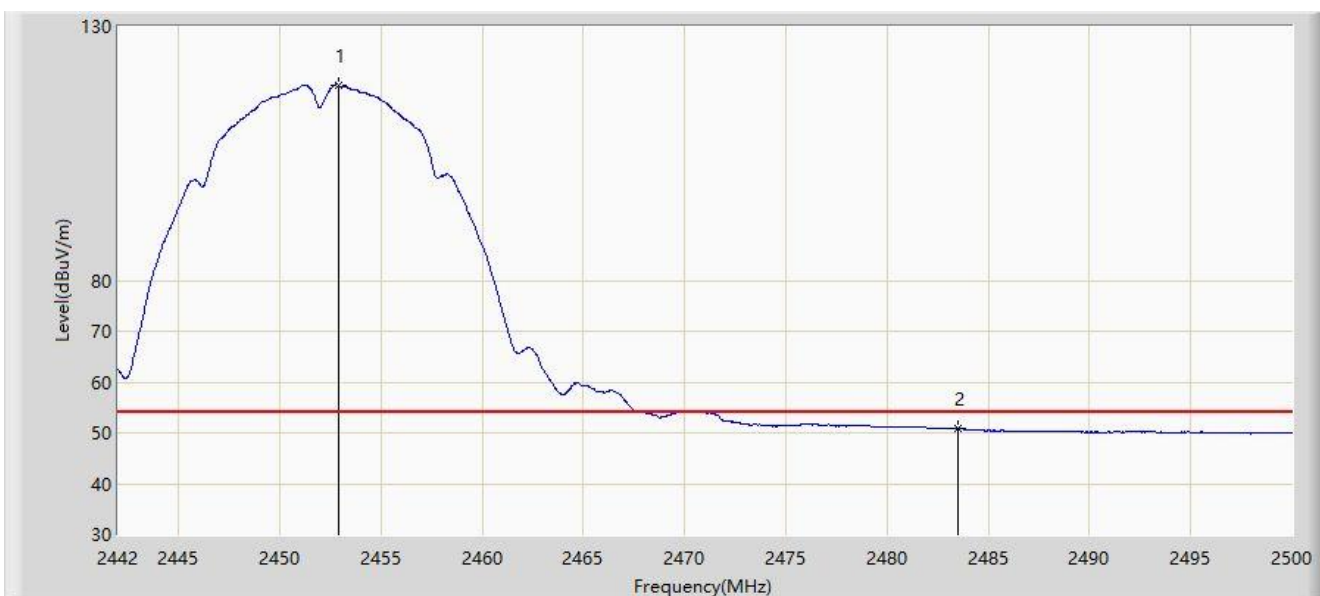


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.063	121.932	89.433	N/A	N/A	32.499	PK
2			2483.500	63.316	30.735	-10.684	74.000	32.580	PK
3			2484.282	63.774	31.191	-10.226	74.000	32.583	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2452MHz (CDD Mode)	

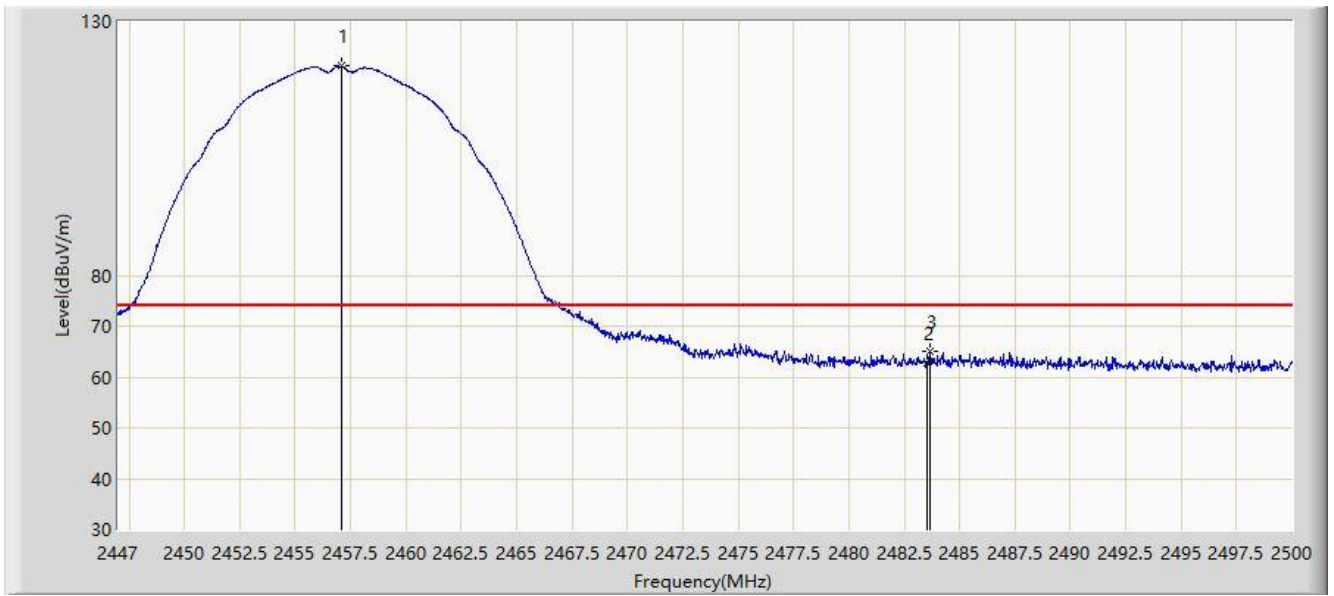


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.875	118.499	85.999	N/A	N/A	32.501	AV
2			2483.500	50.911	18.330	-3.089	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2457MHz (CDD Mode)	

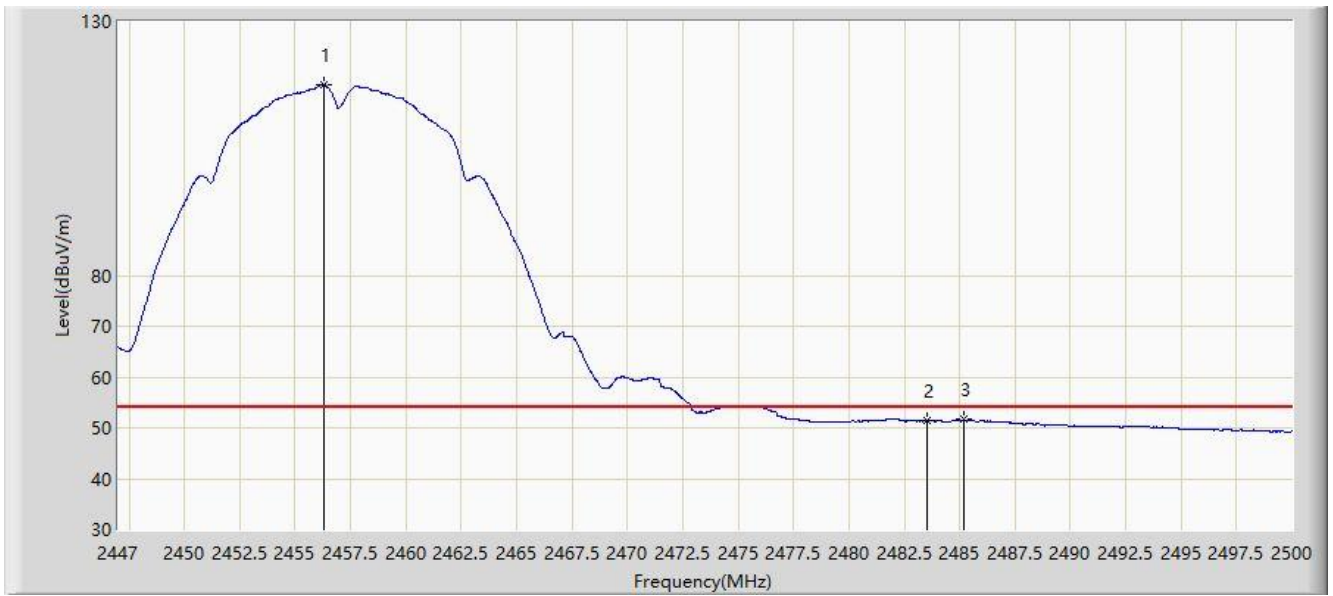


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.070	121.204	88.696	N/A	N/A	32.508	PK
2			2483.500	62.742	30.161	-11.258	74.000	32.580	PK
3			2483.676	65.076	32.495	-8.924	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2457MHz (CDD Mode)	

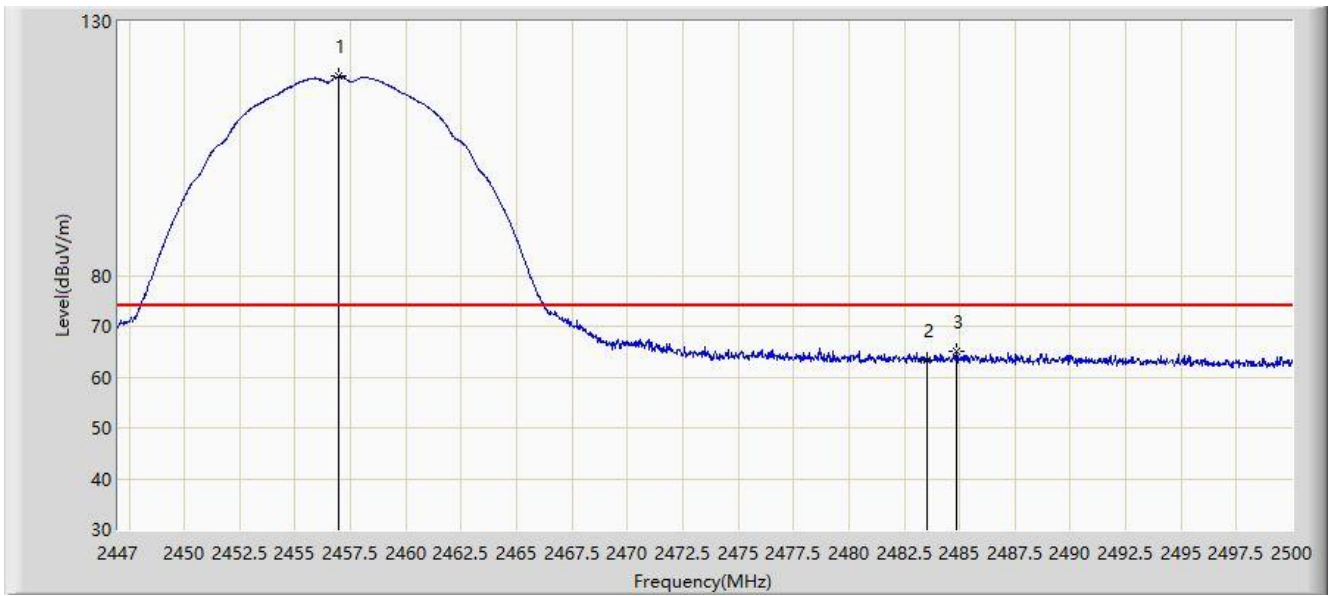


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.275	117.548	85.042	N/A	N/A	32.507	AV
2			2483.500	51.396	18.815	-2.604	54.000	32.580	AV
3			2485.187	51.597	19.011	-2.403	54.000	32.585	AV

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

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

Site: AC1	Time: 2018/11/28 - 05:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2457MHz (CDD Mode)	

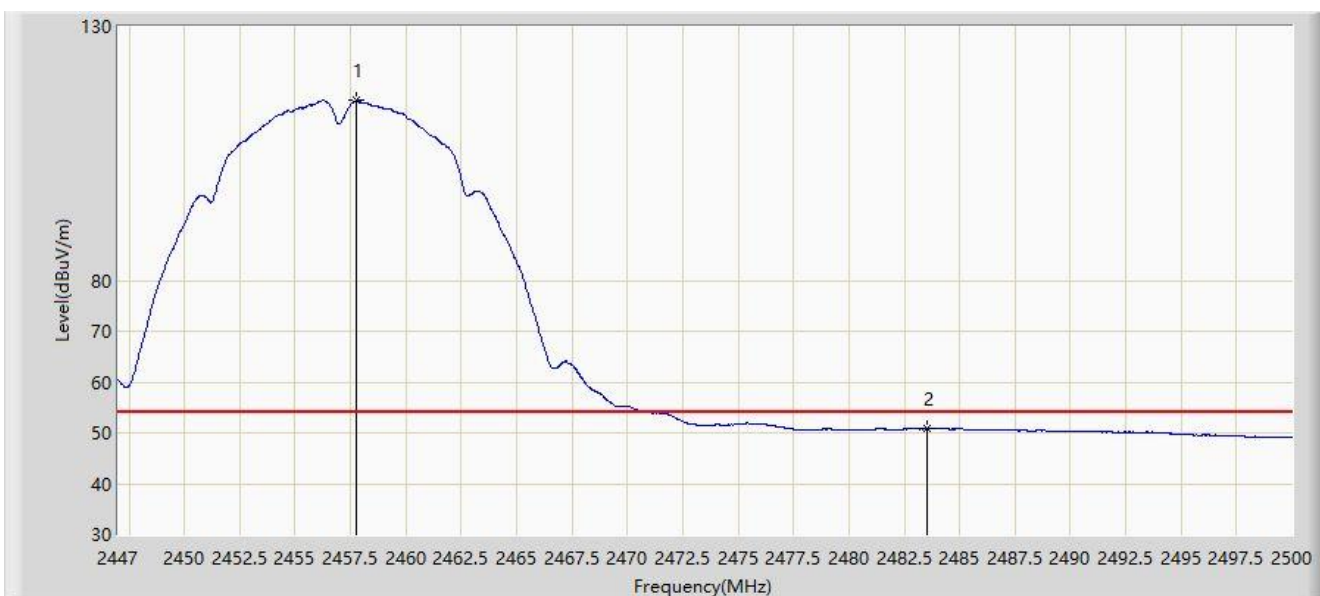


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.937	119.156	86.649	N/A	N/A	32.507	PK
2			2483.500	63.474	30.893	-10.526	74.000	32.580	PK
3			2484.842	65.062	32.477	-8.938	74.000	32.585	PK

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

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

Site: AC1	Time: 2018/11/28 - 05:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2457MHz (CDD Mode)	

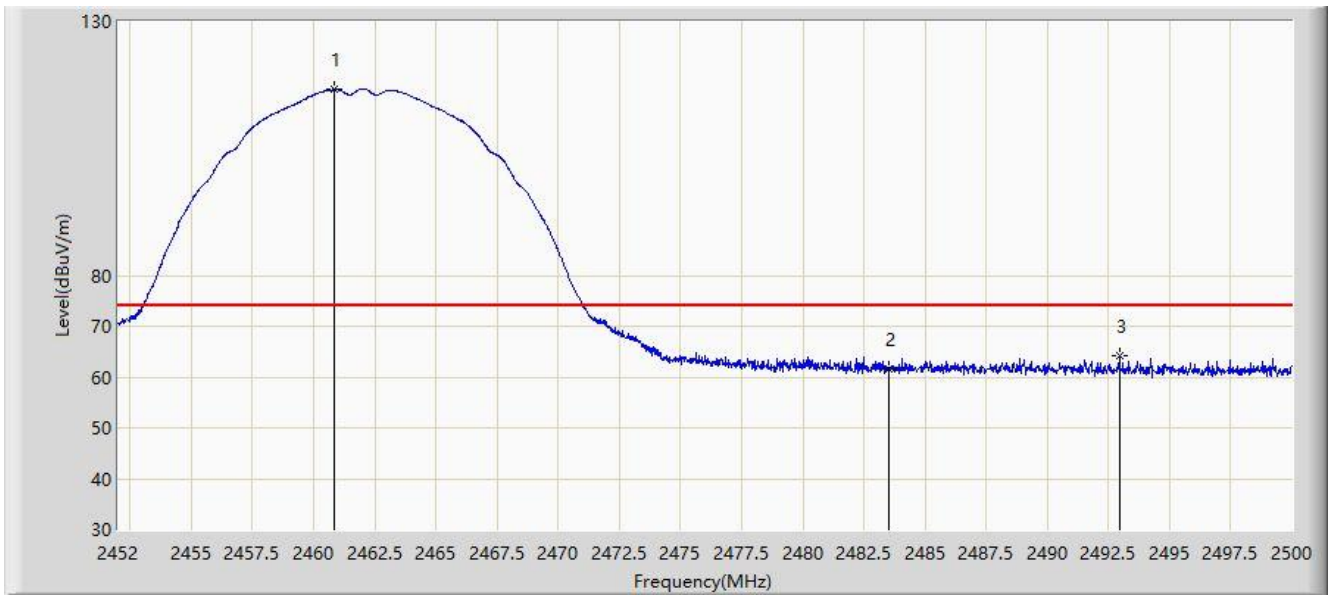


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.759	115.424	82.915	N/A	N/A	32.509	AV
2			2483.500	50.857	18.276	-3.143	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/23 - 23:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

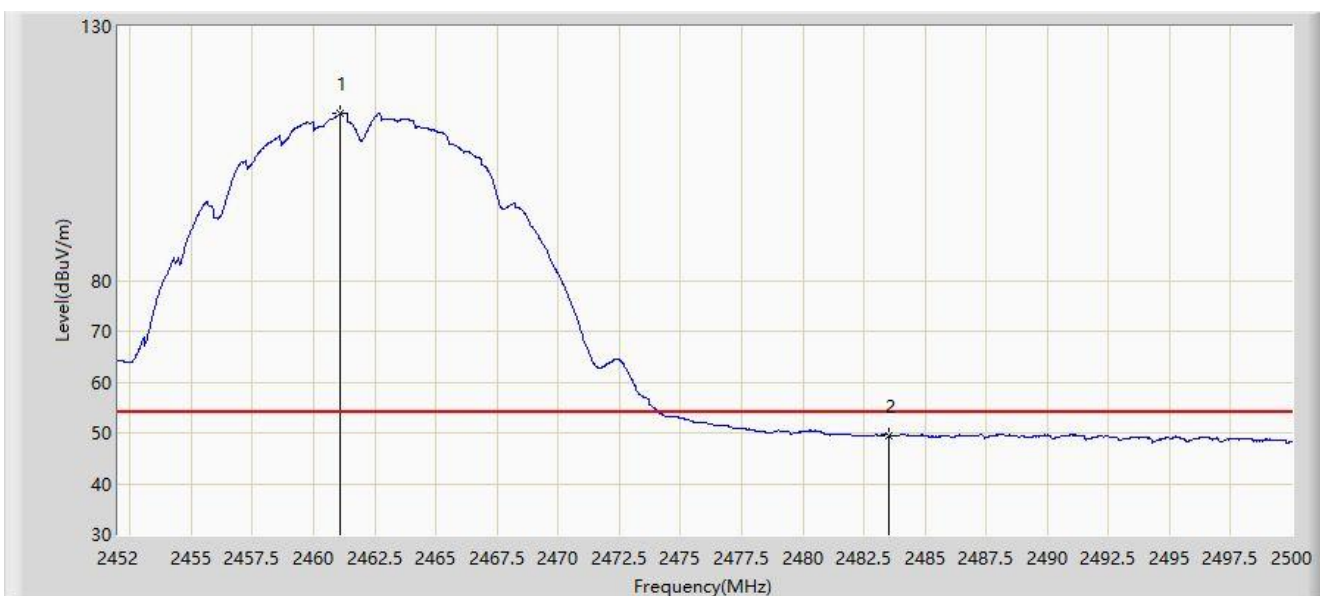


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	116.553	84.039	N/A	N/A	32.514	PK
2			2483.500	61.685	29.104	-12.315	74.000	32.580	PK
3			2492.944	64.073	31.464	-9.927	74.000	32.608	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

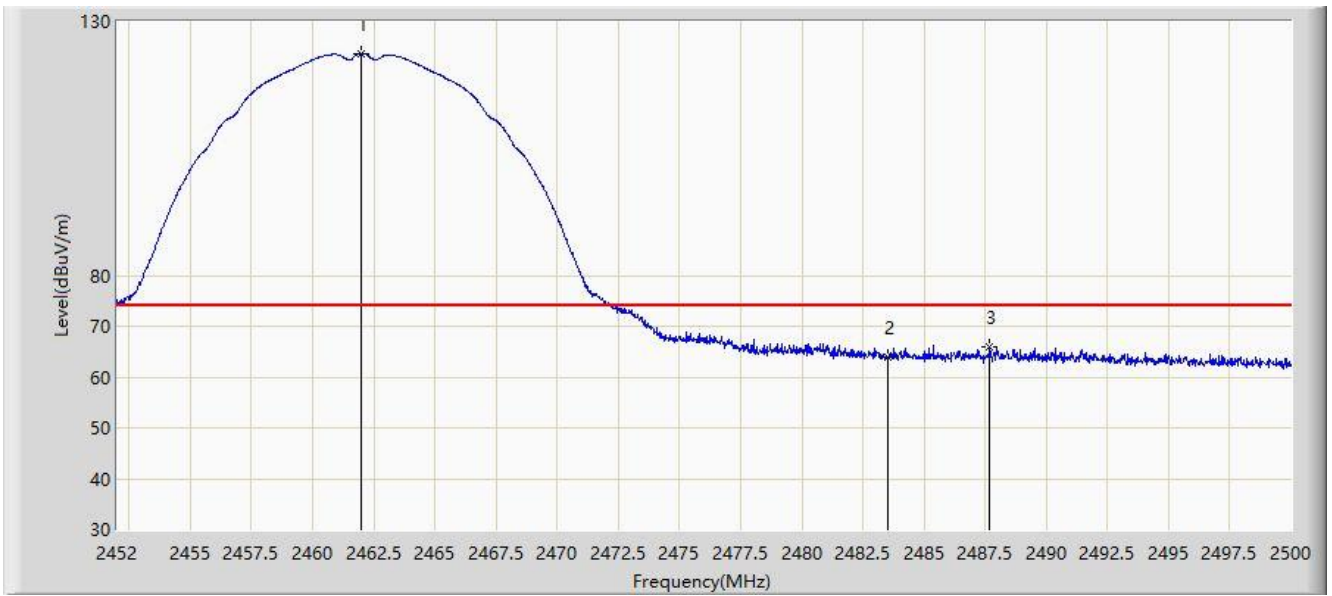


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.096	112.800	80.285	N/A	N/A	32.514	AV
2			2483.500	49.521	16.940	-4.479	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/23 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.008	123.689	91.173	N/A	N/A	32.516	PK
2			2483.500	63.966	31.385	-10.034	74.000	32.580	PK
3			2487.688	65.980	33.387	-8.020	74.000	32.593	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

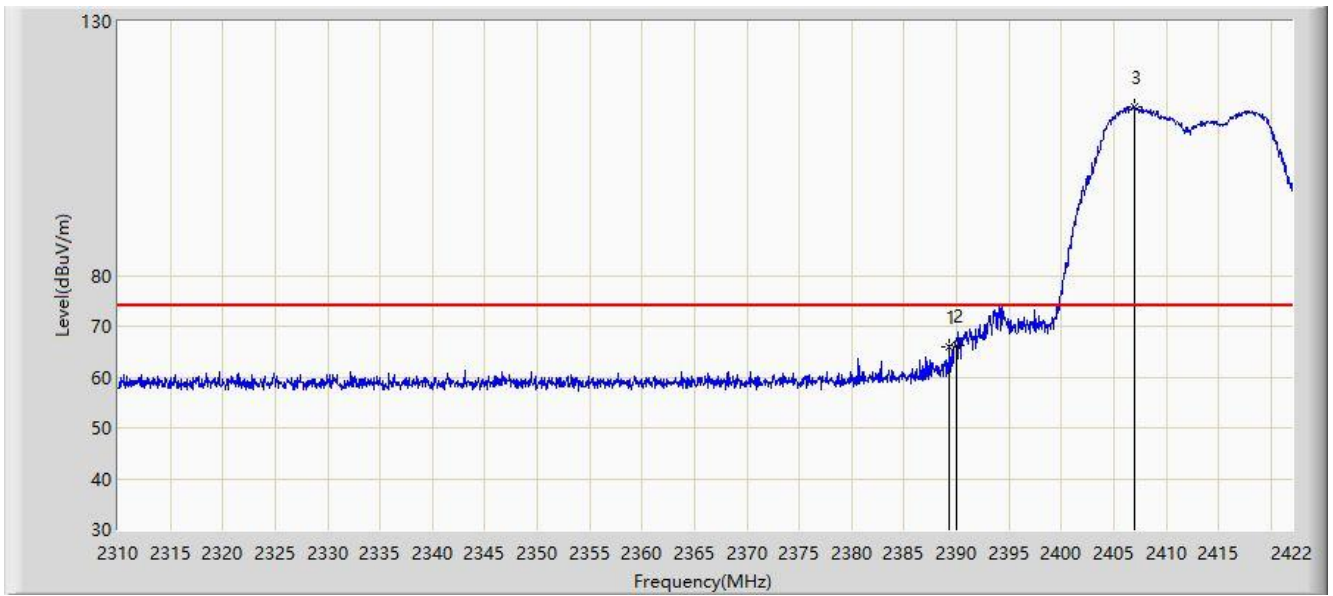


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.144	115.581	83.066	N/A	N/A	32.514	AV
2			2483.500	51.653	19.072	-2.347	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/23 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

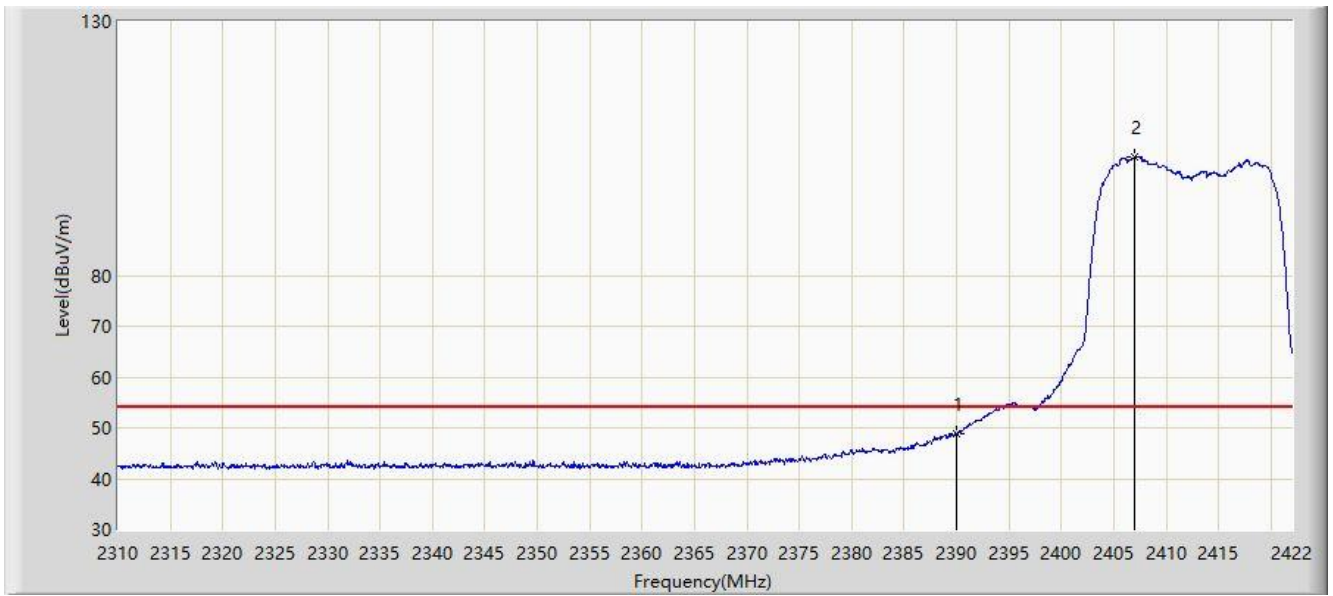


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.352	65.808	33.253	-8.192	74.000	32.555	PK
2			2390.000	66.166	33.612	-7.834	74.000	32.554	PK
3		*	2407.048	113.073	80.541	N/A	N/A	32.532	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

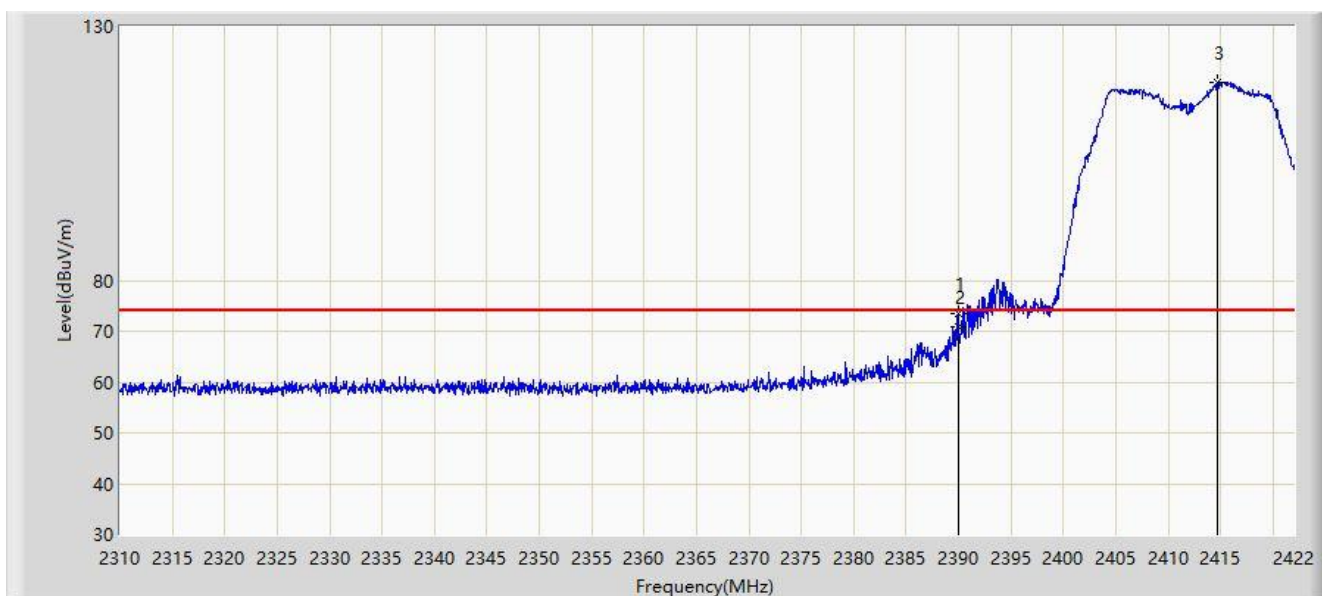


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.830	16.276	-5.170	54.000	32.554	AV
2		*	2407.048	103.476	70.944	N/A	N/A	32.532	AV

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

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

Site: AC1	Time: 2018/11/24 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

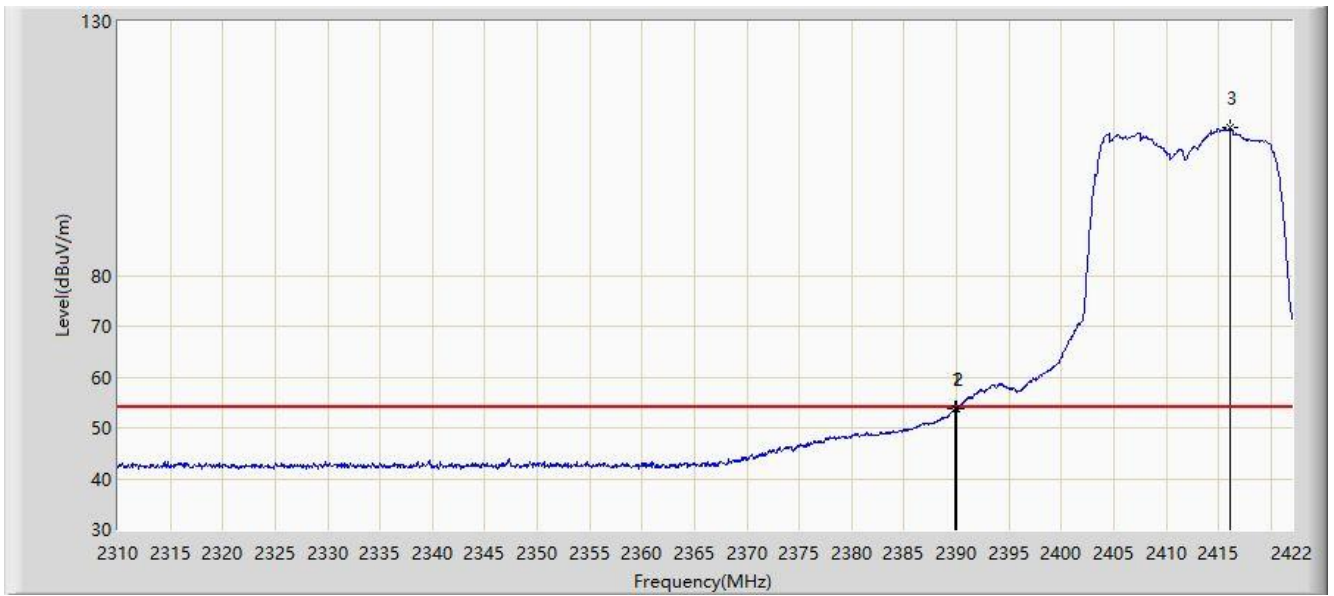


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	73.376	40.822	-0.624	74.000	32.554	PK
2			2390.000	70.870	38.316	-3.130	74.000	32.554	PK
3		*	2414.720	119.120	86.598	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/11/23 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

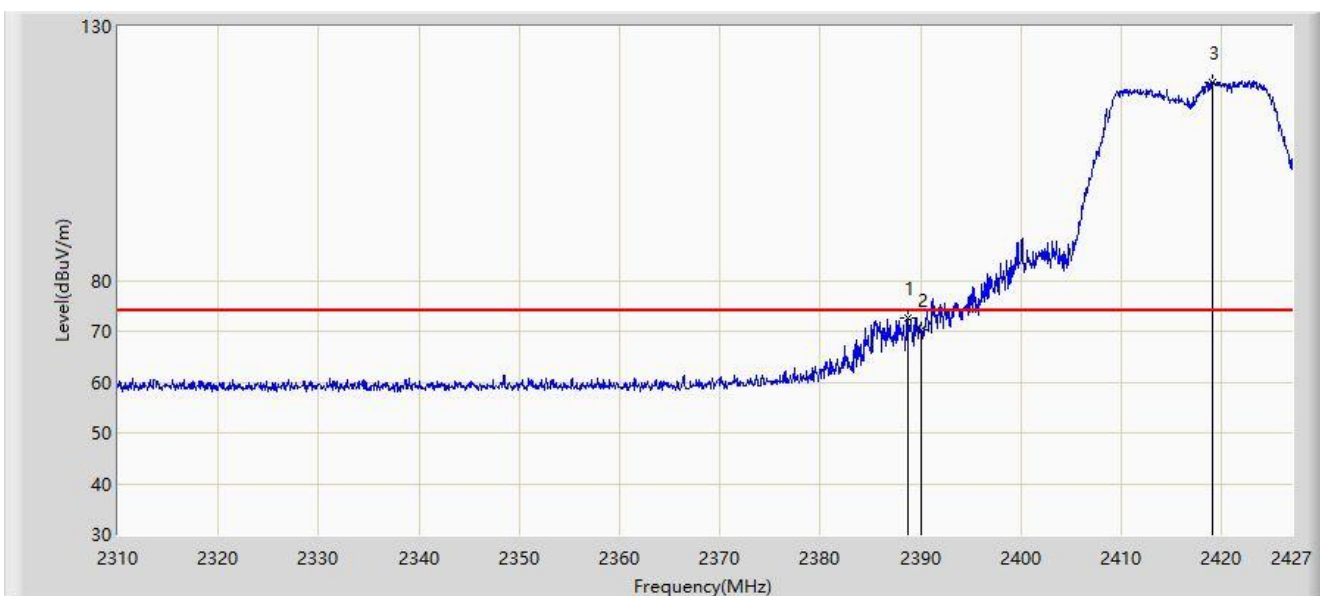


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	53.791	21.236	-0.209	54.000	32.555	AV
2			2390.000	53.730	21.176	-0.270	54.000	32.554	AV
3		*	2416.064	109.142	76.621	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2018/11/28 - 06:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

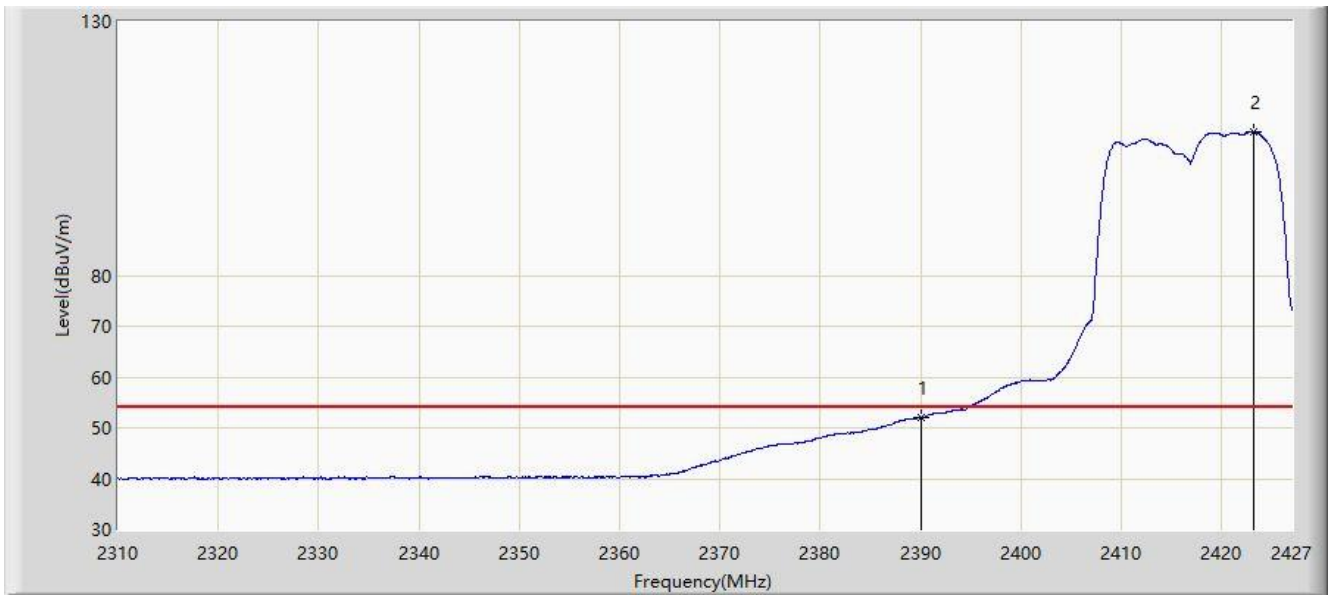


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.683	72.692	40.136	-1.308	74.000	32.556	PK
2			2390.000	70.345	37.791	-3.655	74.000	32.554	PK
3		*	2419.103	119.085	86.568	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2018/11/28 - 06:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

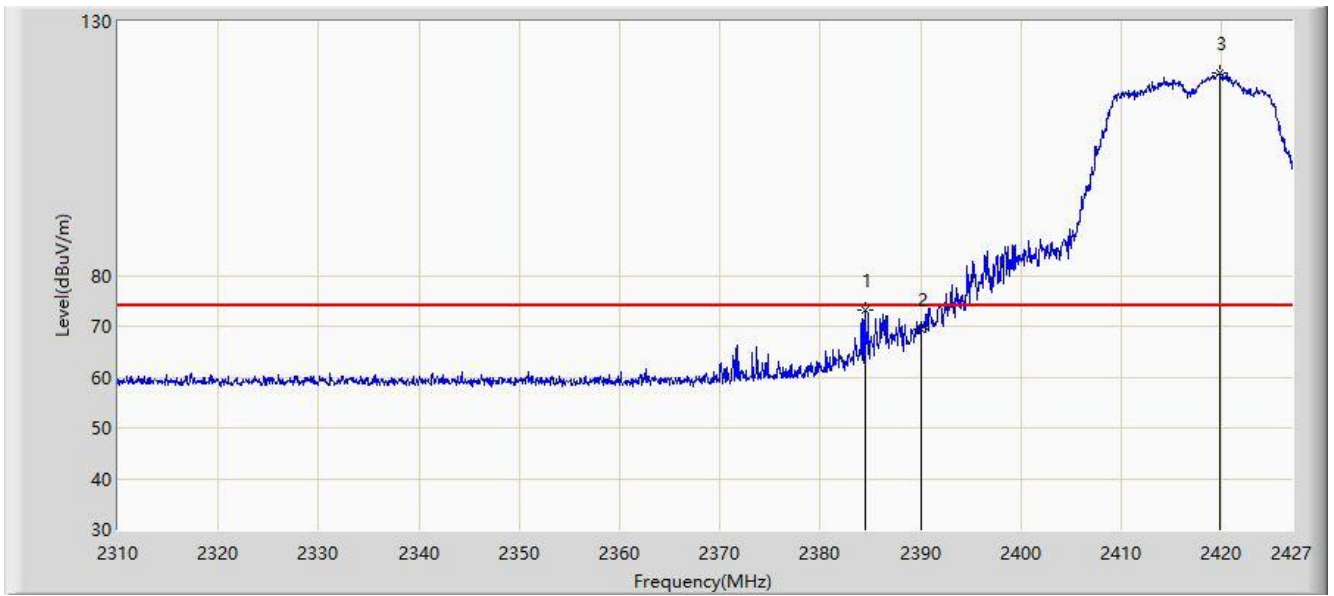


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.071	19.517	-1.929	54.000	32.554	AV
2		*	2423.139	108.209	75.697	N/A	N/A	32.513	AV

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

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

Site: AC1	Time: 2018/11/28 - 06:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

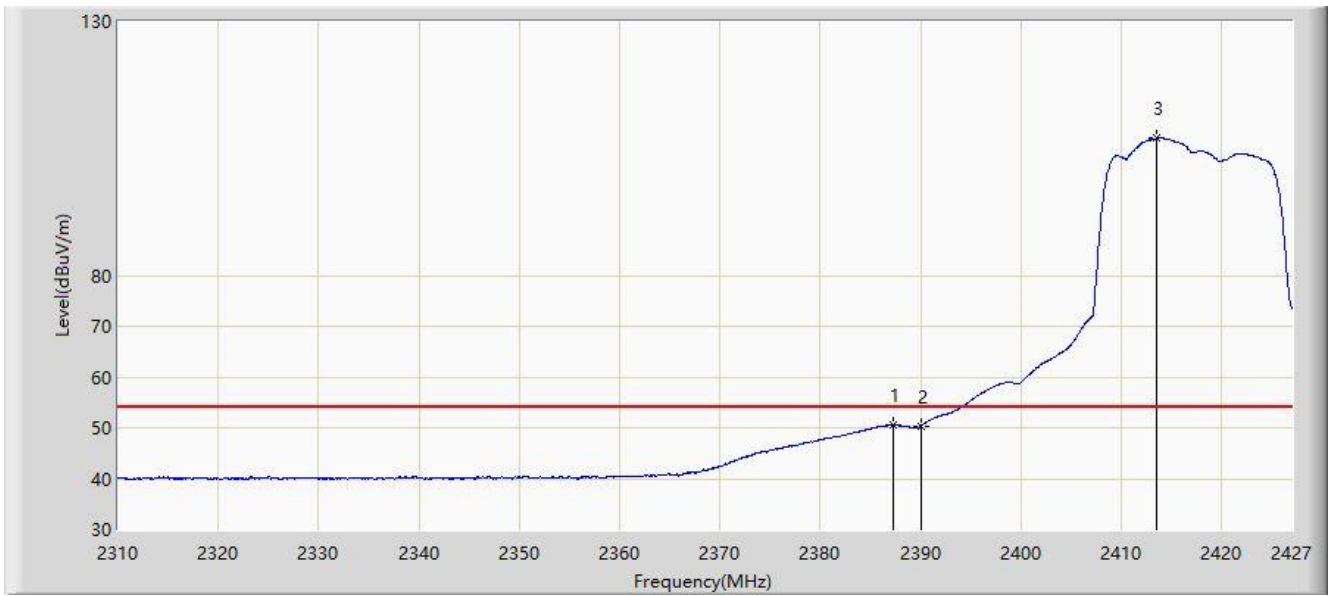


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.412	73.170	40.608	-0.830	74.000	32.562	PK
2			2390.000	69.379	36.825	-4.621	74.000	32.554	PK
3		*	2419.863	119.832	87.316	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2018/11/28 - 06:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

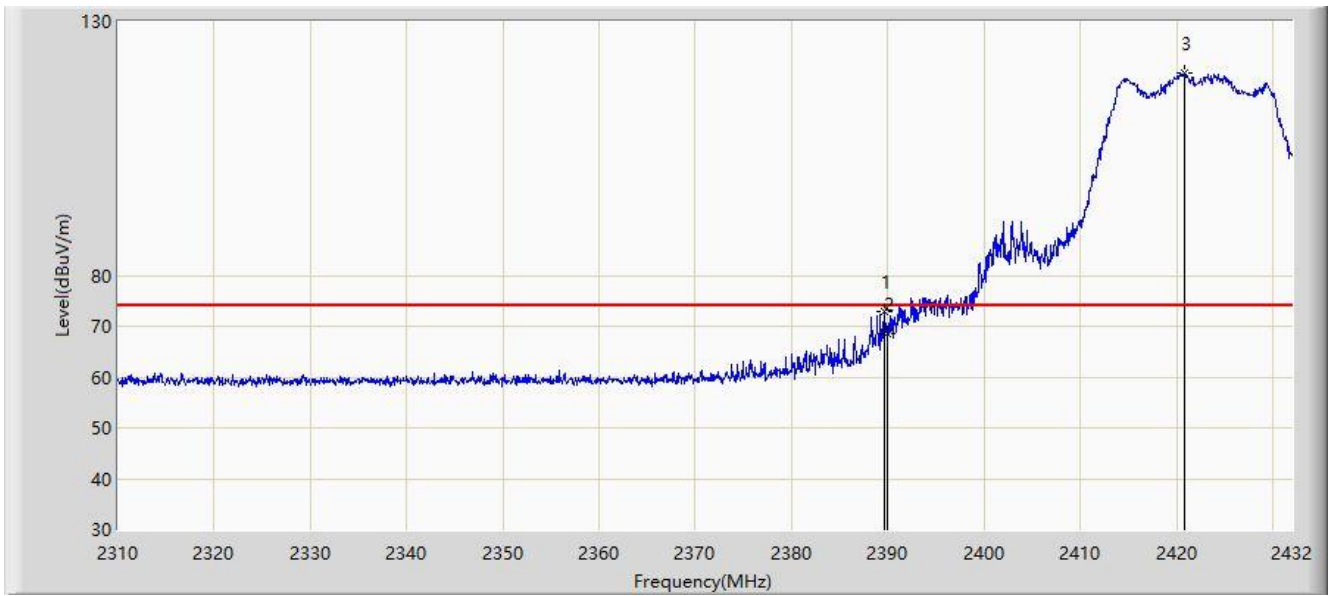


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.279	50.554	17.996	-3.446	54.000	32.558	AV
2			2390.000	50.385	17.831	-3.615	54.000	32.554	AV
3		*	2413.487	106.986	74.462	N/A	N/A	32.524	AV

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

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

Site: AC1	Time: 2018/11/28 - 06:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz (CDD Mode)	

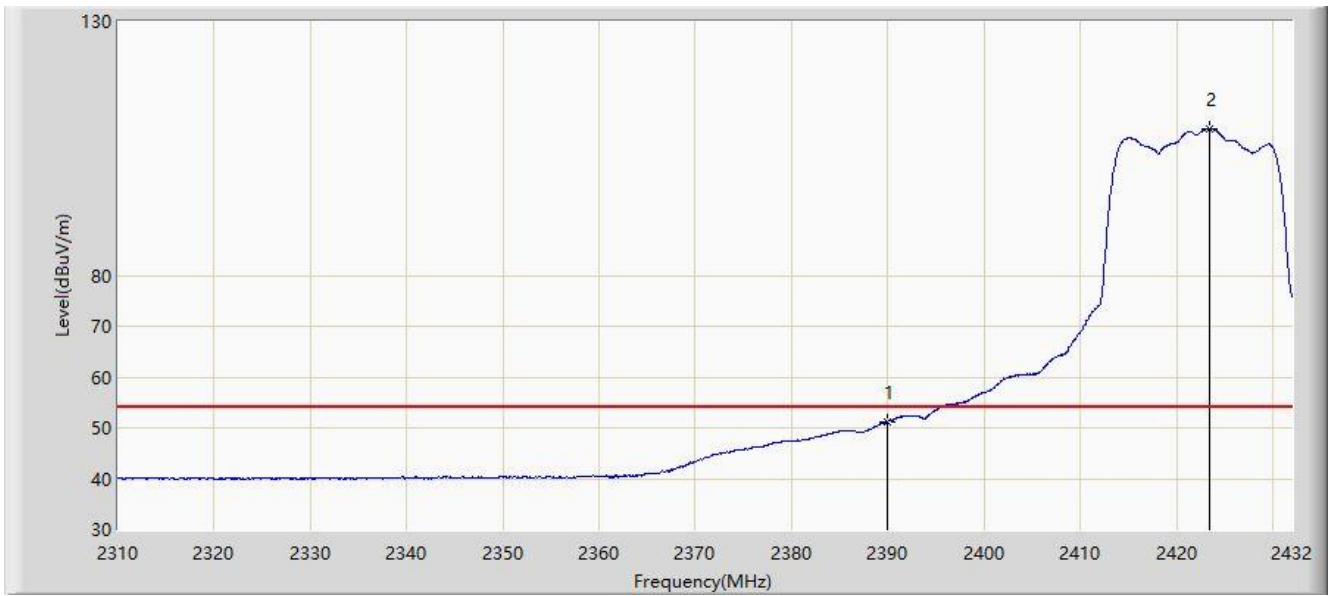


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.605	72.875	40.320	-1.125	74.000	32.555	PK
2			2390.000	68.500	35.946	-5.500	74.000	32.554	PK
3		*	2420.776	119.774	87.259	N/A	N/A	32.515	PK

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

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

Site: AC1	Time: 2018/11/28 - 06:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz (CDD Mode)	

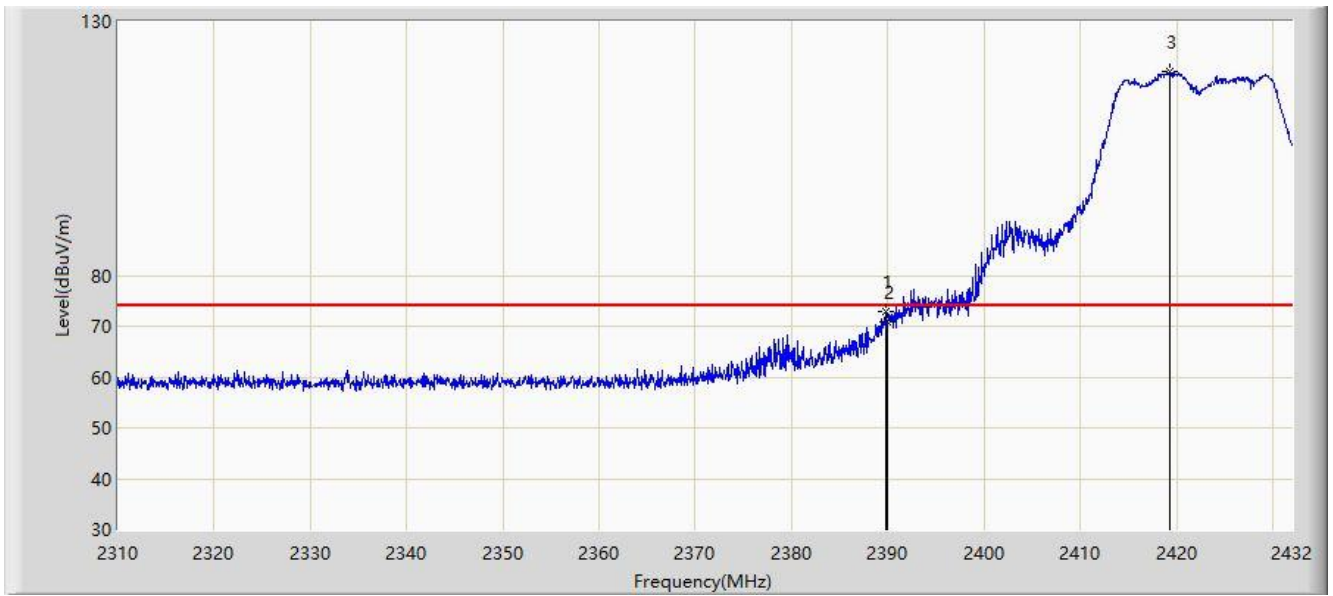


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.213	18.659	-2.787	54.000	32.554	AV
2		*	2423.399	108.845	76.333	N/A	N/A	32.512	AV

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

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

Site: AC1	Time: 2018/11/28 - 06:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz (CDD Mode)	

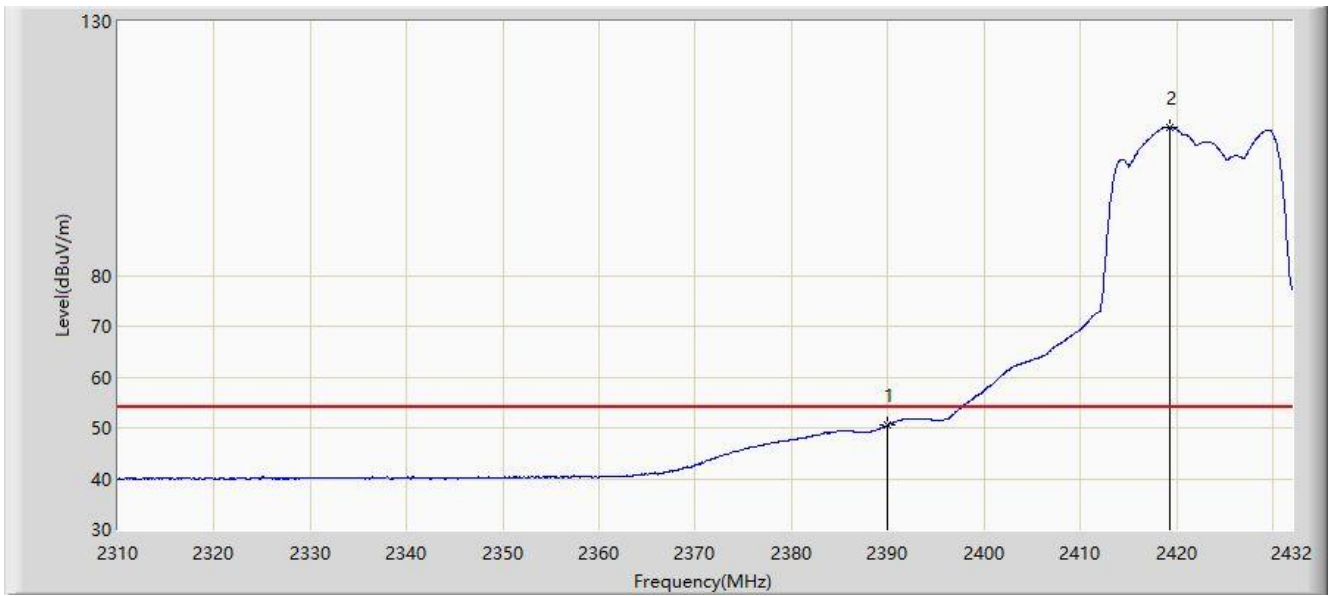


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.788	72.968	40.413	-1.032	74.000	32.555	PK
2			2390.000	70.786	38.232	-3.214	74.000	32.554	PK
3		*	2419.251	120.025	87.508	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2018/11/28 - 06:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz (CDD Mode)	

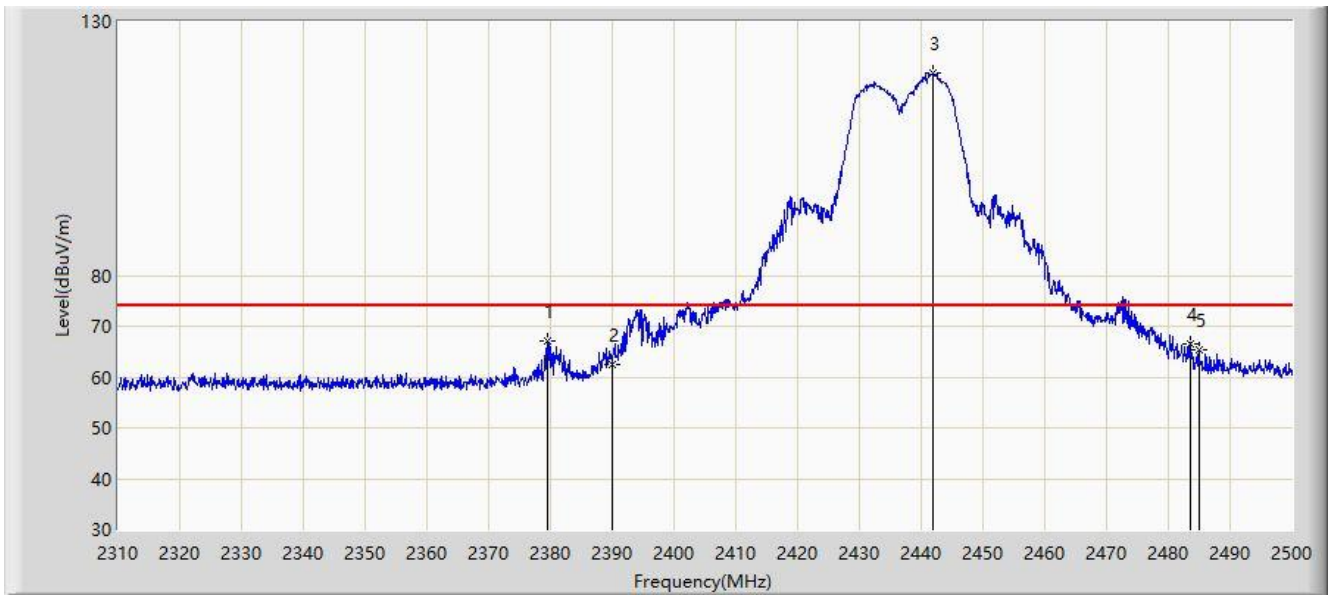


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.563	18.009	-3.437	54.000	32.554	AV
2		*	2419.251	109.159	76.642	N/A	N/A	32.517	AV

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

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

Site: AC1	Time: 2018/11/24 - 00:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

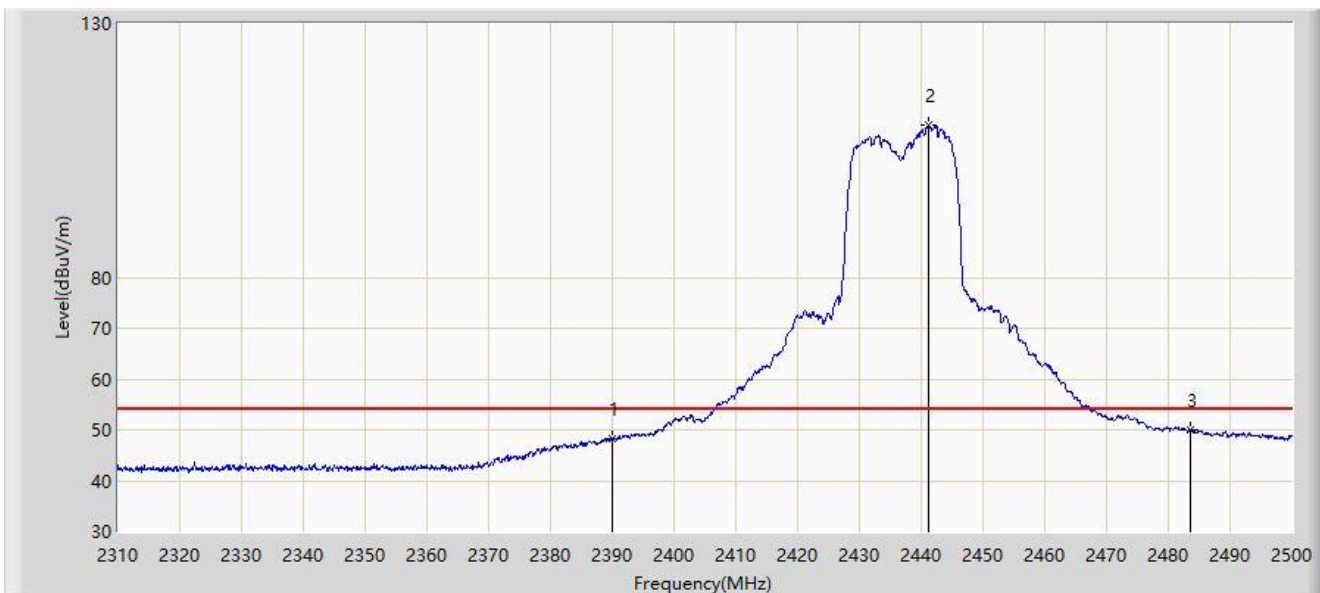


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.635	67.224	34.655	-6.776	74.000	32.568	PK
2			2390.000	62.492	29.938	-11.508	74.000	32.554	PK
3		*	2441.955	119.716	87.226	N/A	N/A	32.490	PK
4			2483.500	66.456	33.875	-7.544	74.000	32.580	PK
5			2484.990	65.278	32.693	-8.722	74.000	32.585	PK

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

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

Site: AC1	Time: 2018/11/24 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

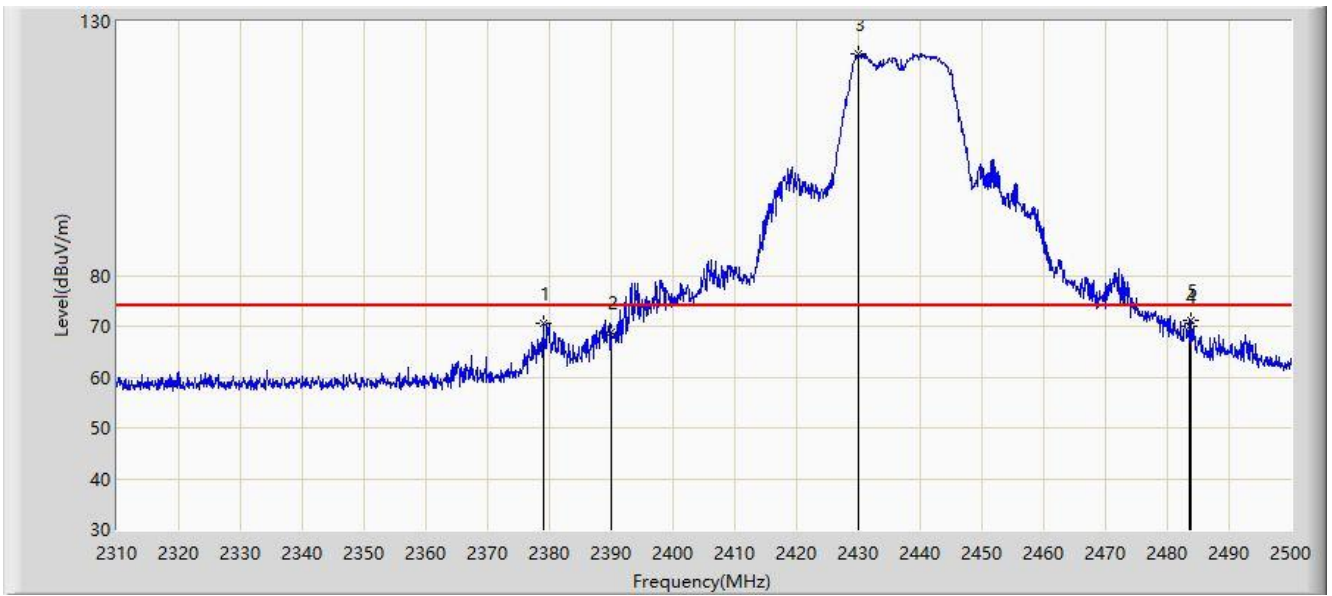


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.168	15.614	-5.832	54.000	32.554	AV
2		*	2441.100	109.883	77.392	N/A	N/A	32.491	AV
3			2483.500	49.964	17.383	-4.036	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/24 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

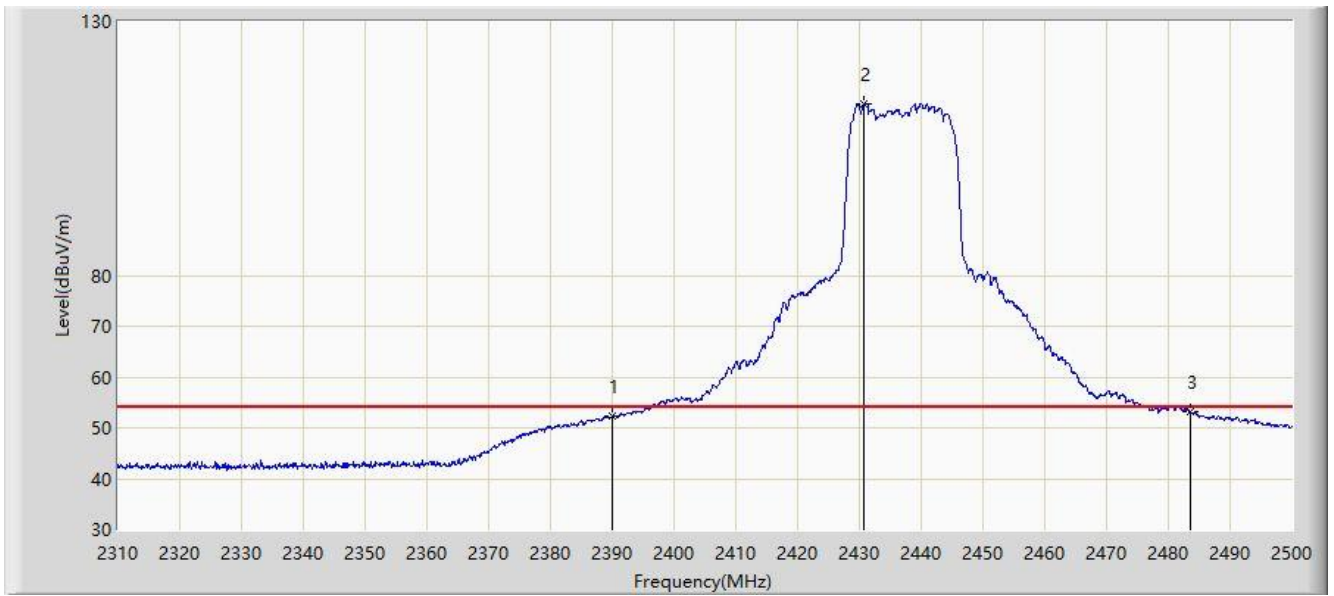


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.970	70.554	37.984	-3.446	74.000	32.570	PK
2			2390.000	68.903	36.349	-5.097	74.000	32.554	PK
3		*	2430.080	123.636	91.132	N/A	N/A	32.504	PK
4			2483.500	69.881	37.300	-4.119	74.000	32.580	PK
5			2483.850	71.245	38.663	-2.755	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/11/24 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

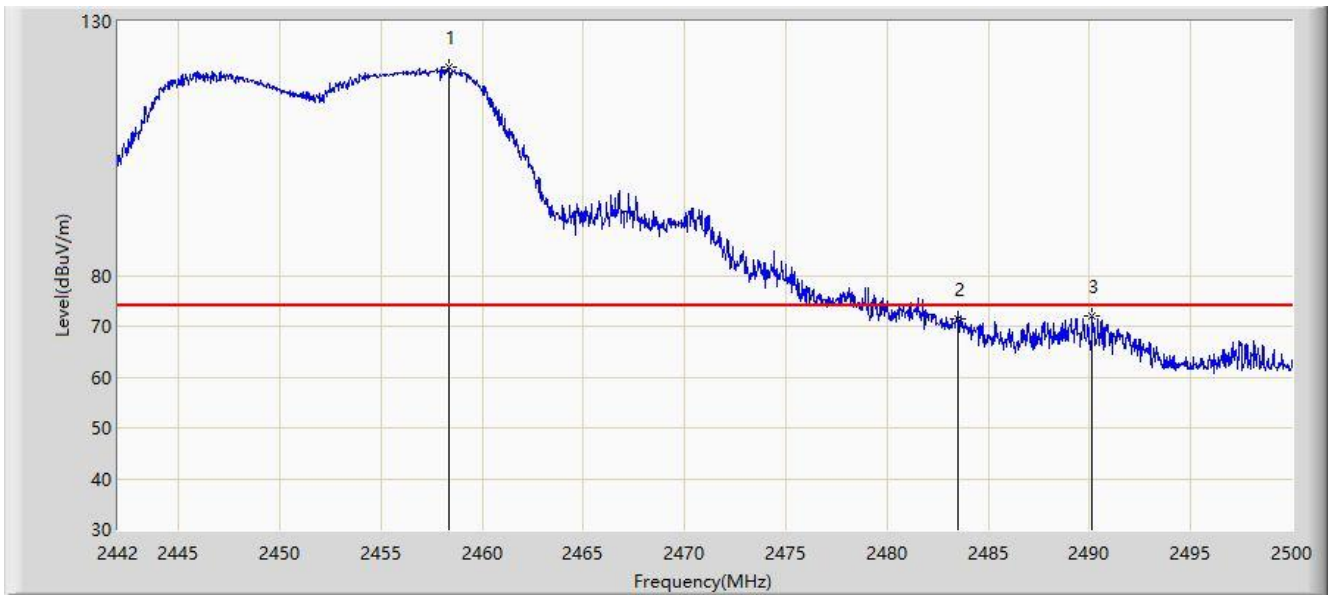


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.407	19.853	-1.593	54.000	32.554	AV
2		*	2430.745	113.708	81.205	N/A	N/A	32.503	AV
3			2483.500	53.282	20.701	-0.718	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/11/28 - 06:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz (CDD Mode)	

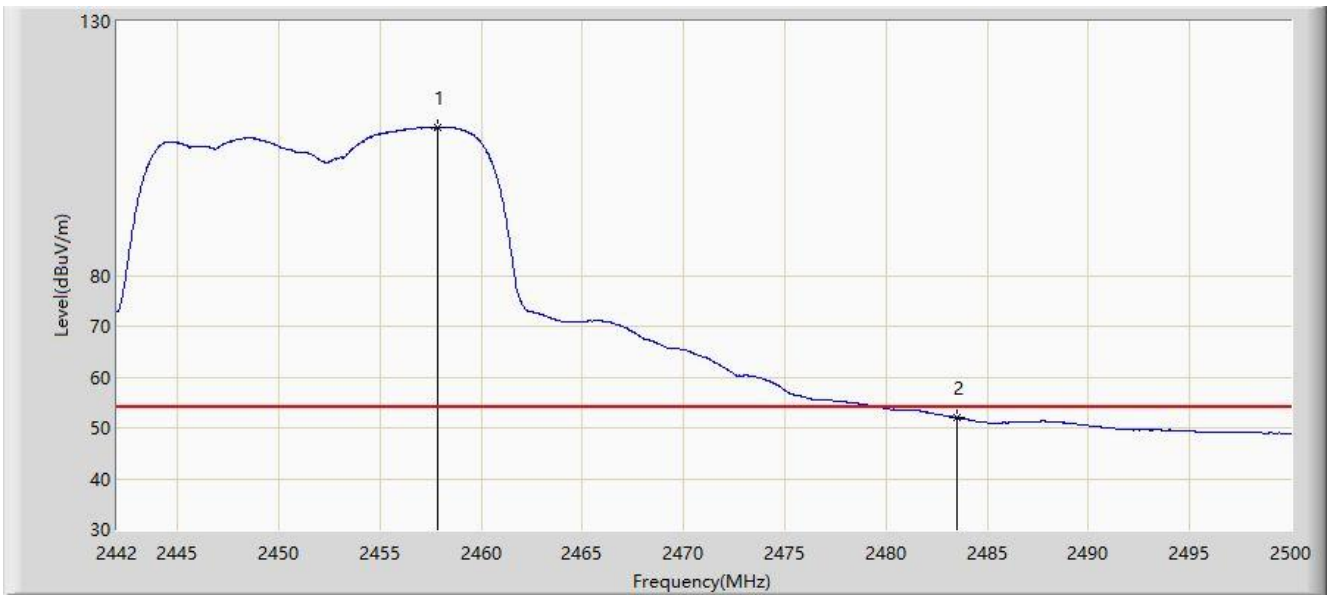


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.356	121.120	88.610	N/A	N/A	32.510	PK
2			2483.500	71.488	38.907	-2.512	74.000	32.580	PK
3			2490.140	71.963	39.363	-2.037	74.000	32.600	PK

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

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

Site: AC1	Time: 2018/11/28 - 06:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AX11000 MU-MIMO Tri-Band Gaming Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.834	109.134	76.625	N/A	N/A	32.509	AV
2			2483.500	51.992	19.411	-2.008	54.000	32.580	AV

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

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