

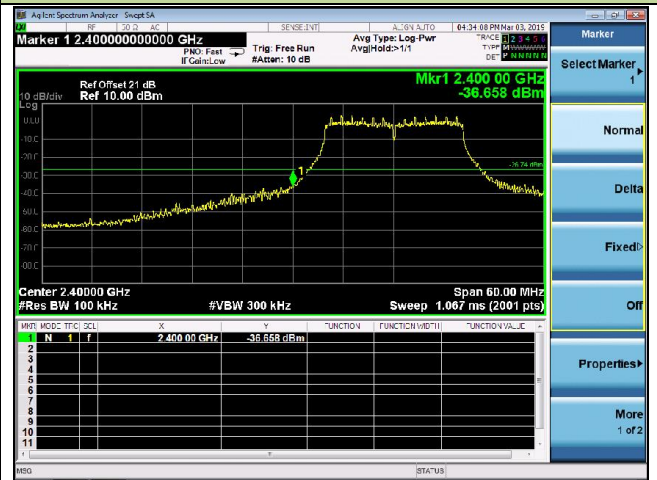
802.11g Out-of-Band Emissions - Ant 0

Channel 01 (2412MHz)

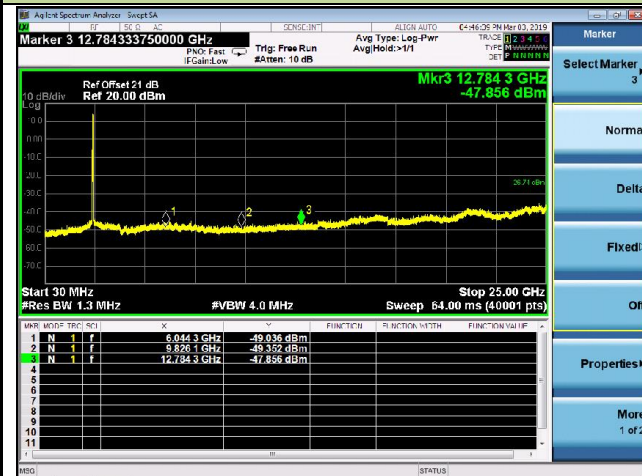
100kHz PSD reference Level



Low Band Edge

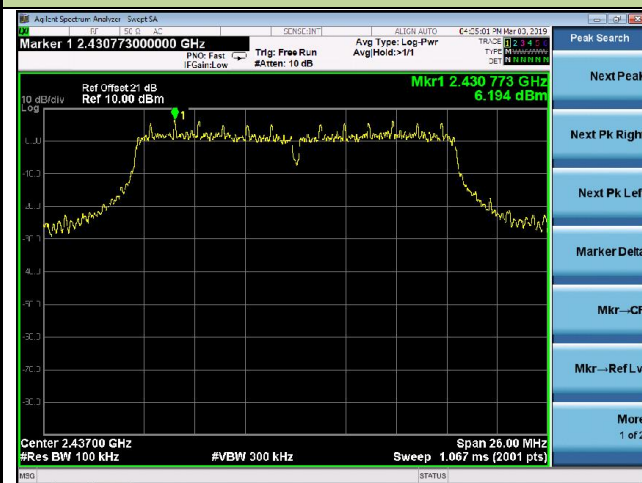


Spurious Emission

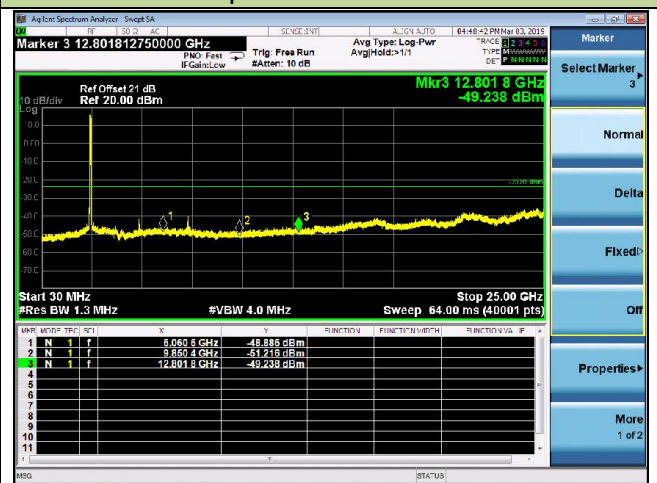


Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



802.11g Out-of-Band Emissions - Ant 0

Channel 11 (2462MHz)

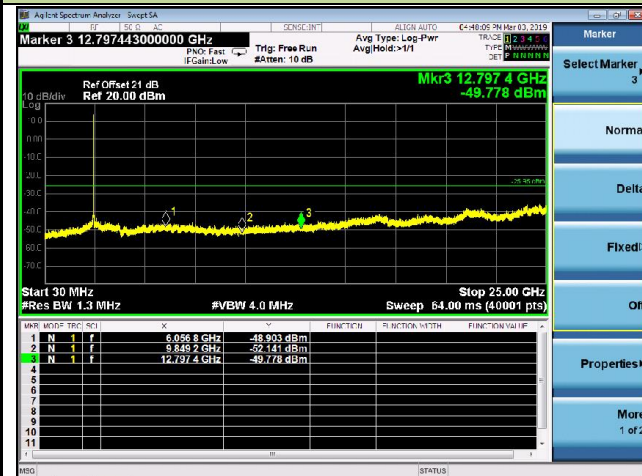
100kHz PSD reference Level



High Band Edge



Spurious Emission



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

Channel 01 (2412MHz)

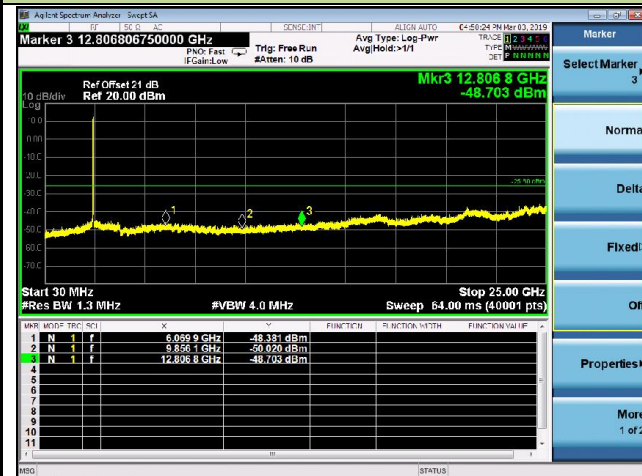
100kHz PSD reference Level



Low Band Edge



Spurious Emission

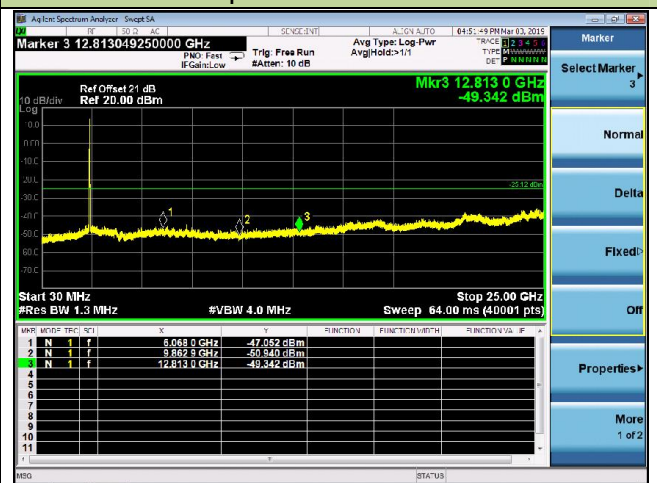


Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



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

Channel 11 (2462MHz)

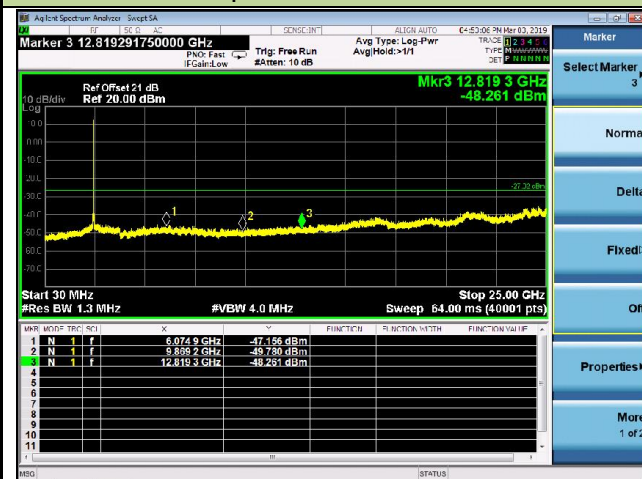
100kHz PSD reference Level



High Band Edge



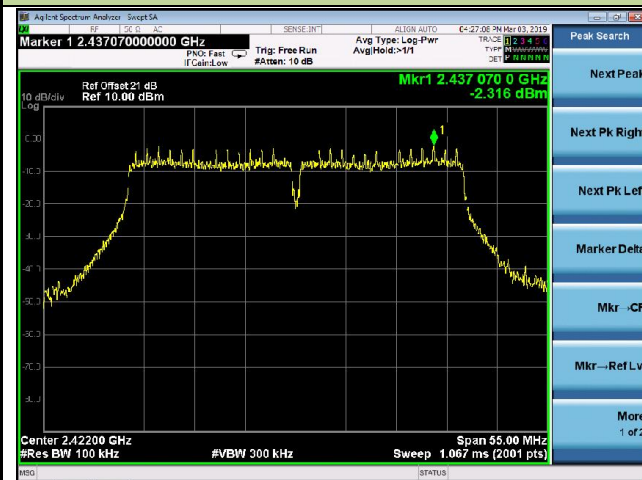
Spurious Emission



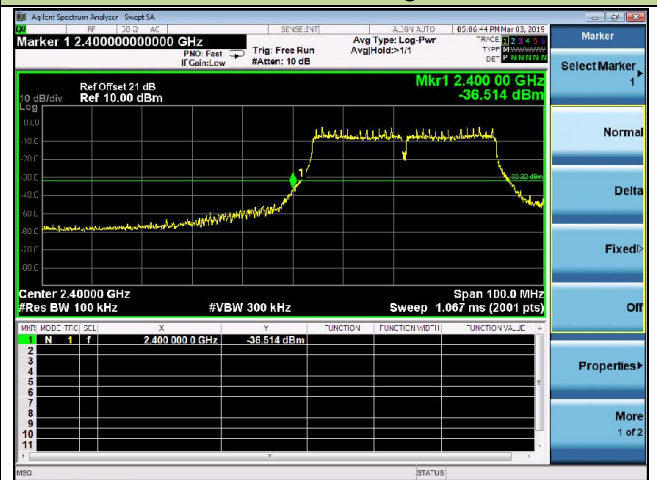
802.11n-HT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

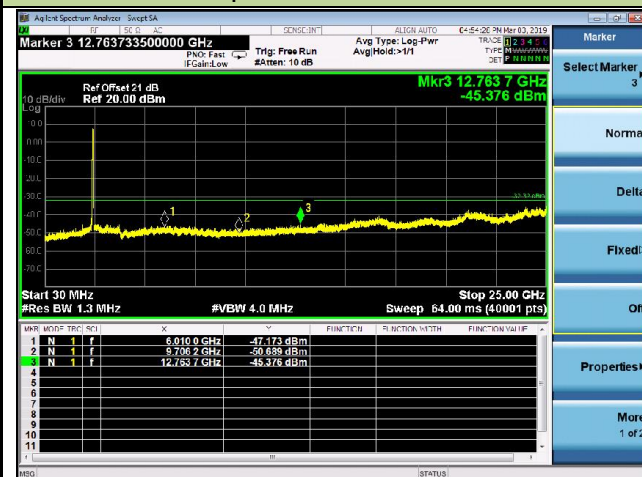
100kHz PSD reference Level



Low Band Edge

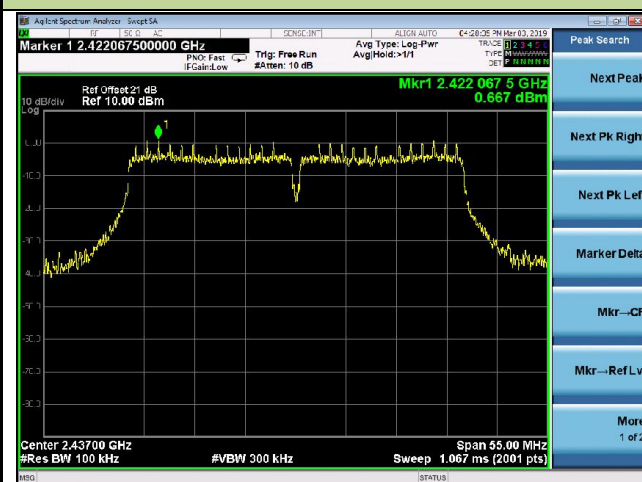


Spurious Emission

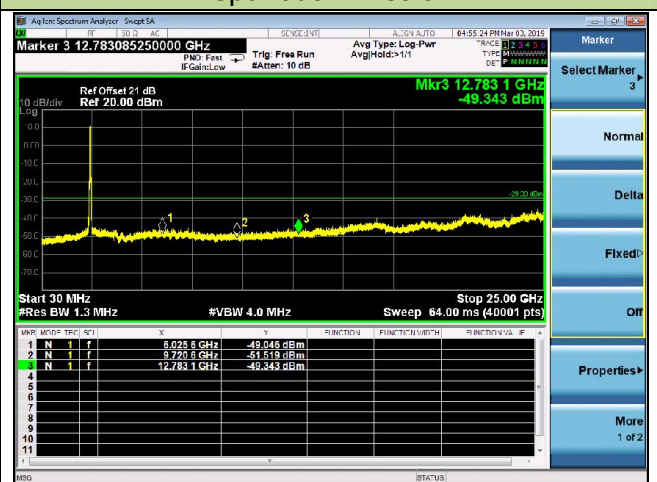


Channel 06 (2437MHz)

100kHz PSD reference Level



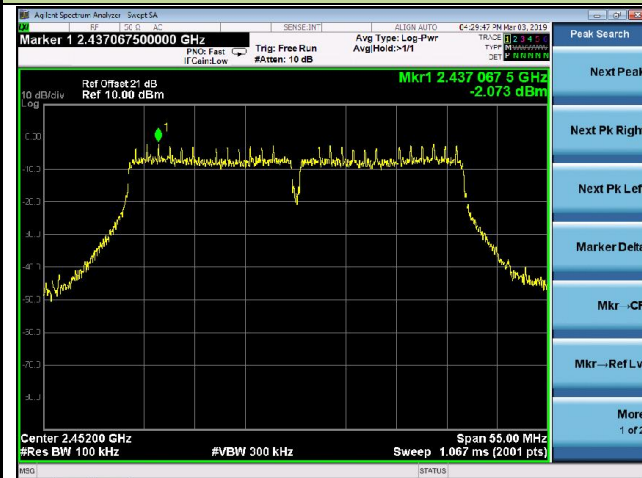
Spurious Emission



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

Channel 09 (2452MHz)

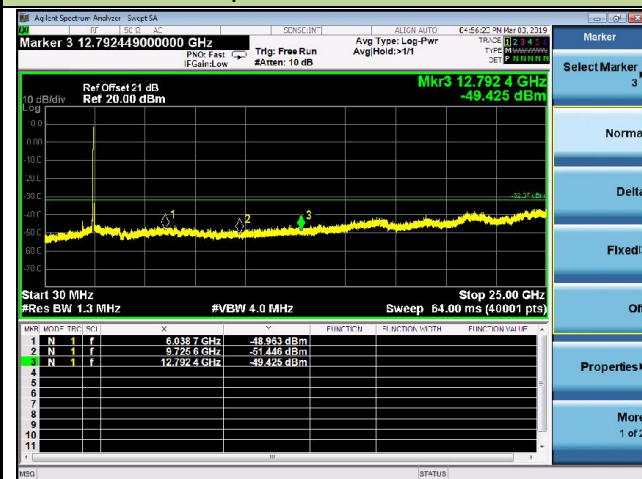
100kHz PSD reference Level



High Band Edge



Spurious Emission



VHT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 01 (2412MHz)

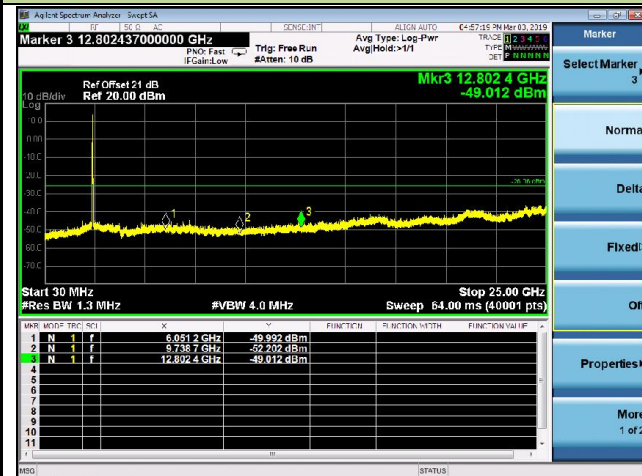
100kHz PSD reference Level



Low Band Edge



Spurious Emission

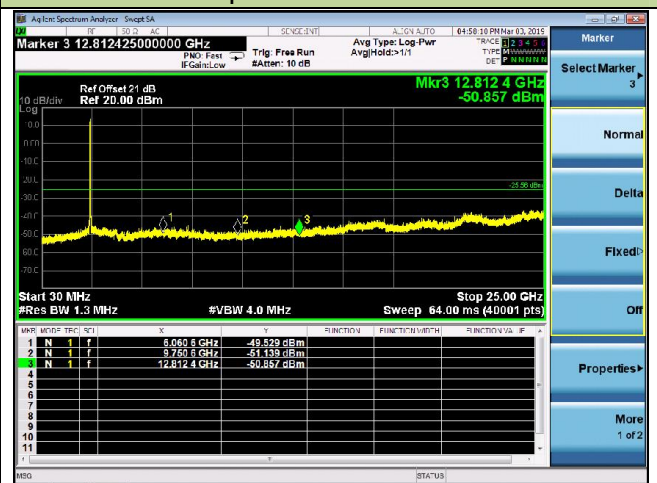


Channel 06 (2437MHz)

100kHz PSD reference Level



Spurious Emission



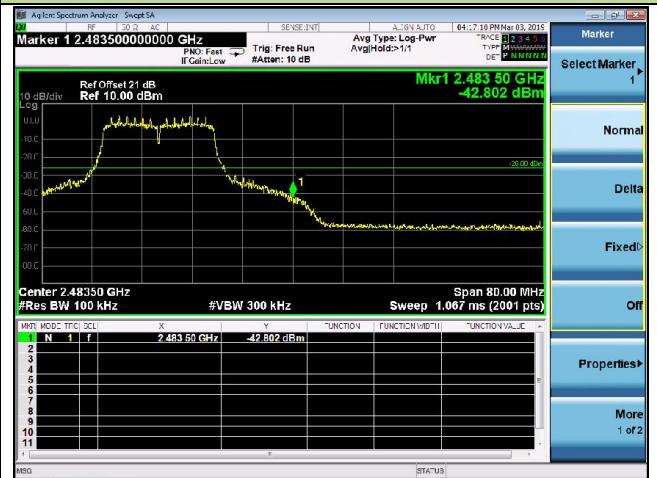
VHT20 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 11 (2462MHz)

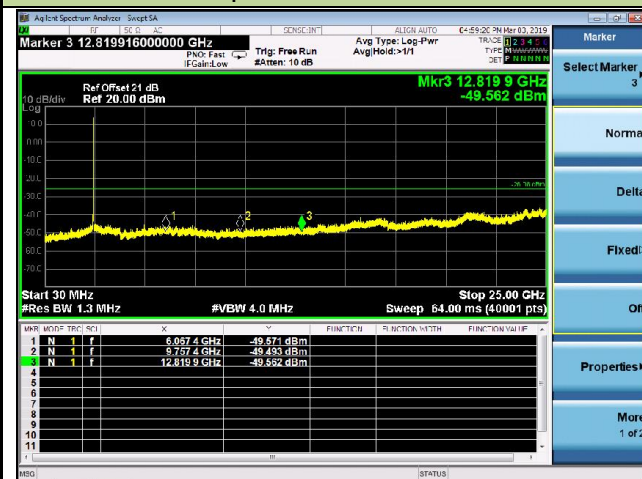
100kHz PSD reference Level



High Band Edge



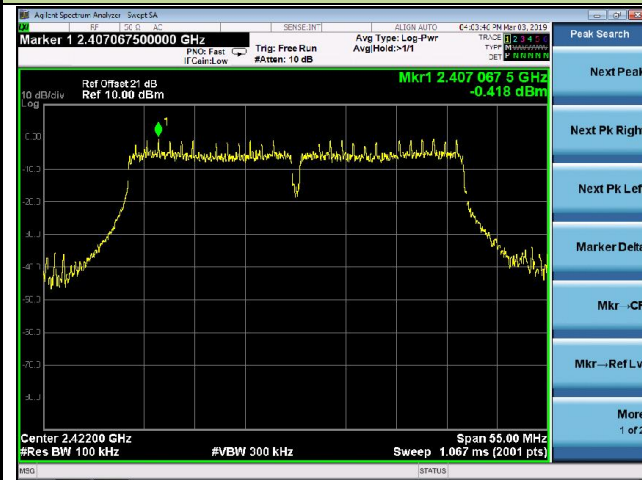
Spurious Emission



VHT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 03 (2422MHz)

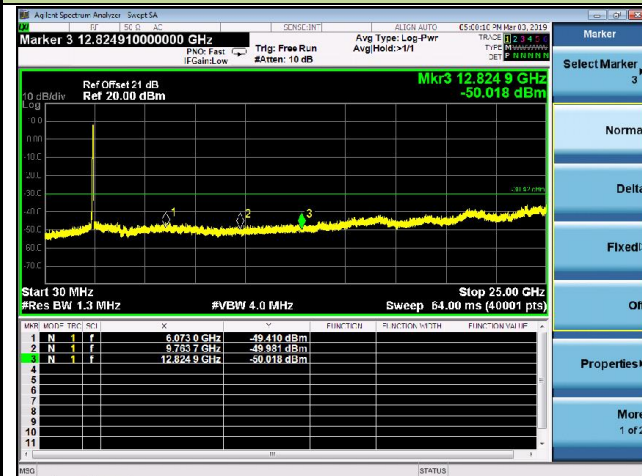
100kHz PSD reference Level



Low Band Edge

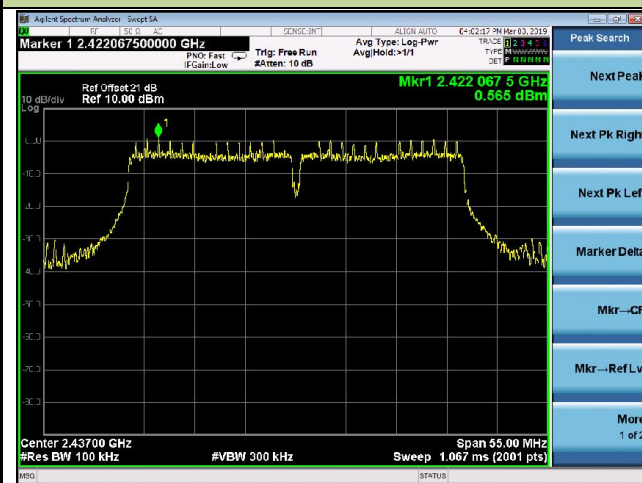


Spurious Emission

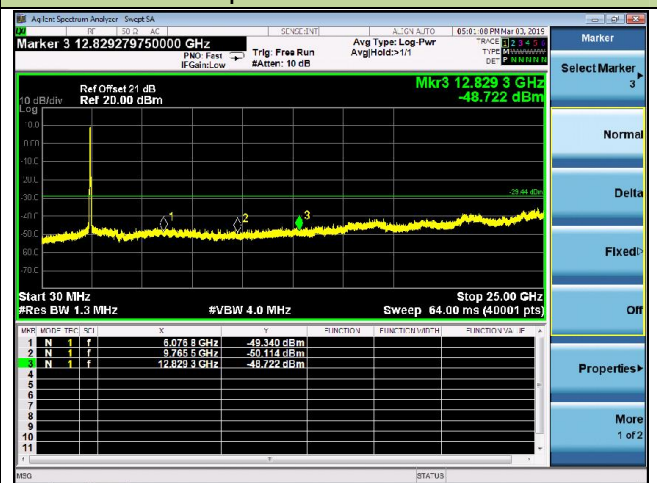


Channel 06 (2437MHz)

100kHz PSD reference Level



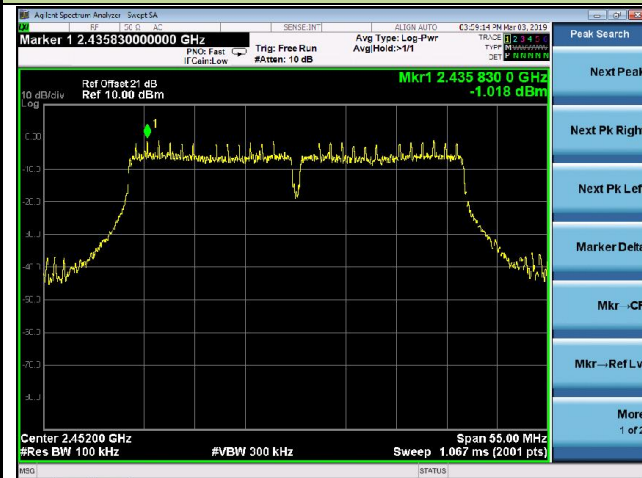
Spurious Emission



VHT40 Out-of-Band Emissions - Ant 0 / Ant 0 + 1

Channel 09 (2452MHz)

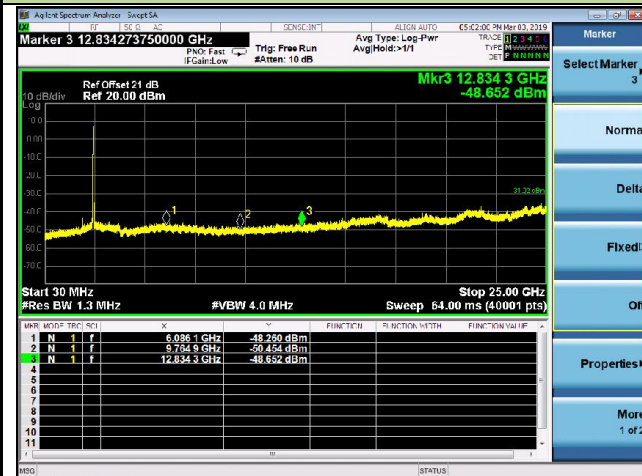
100kHz PSD reference Level



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

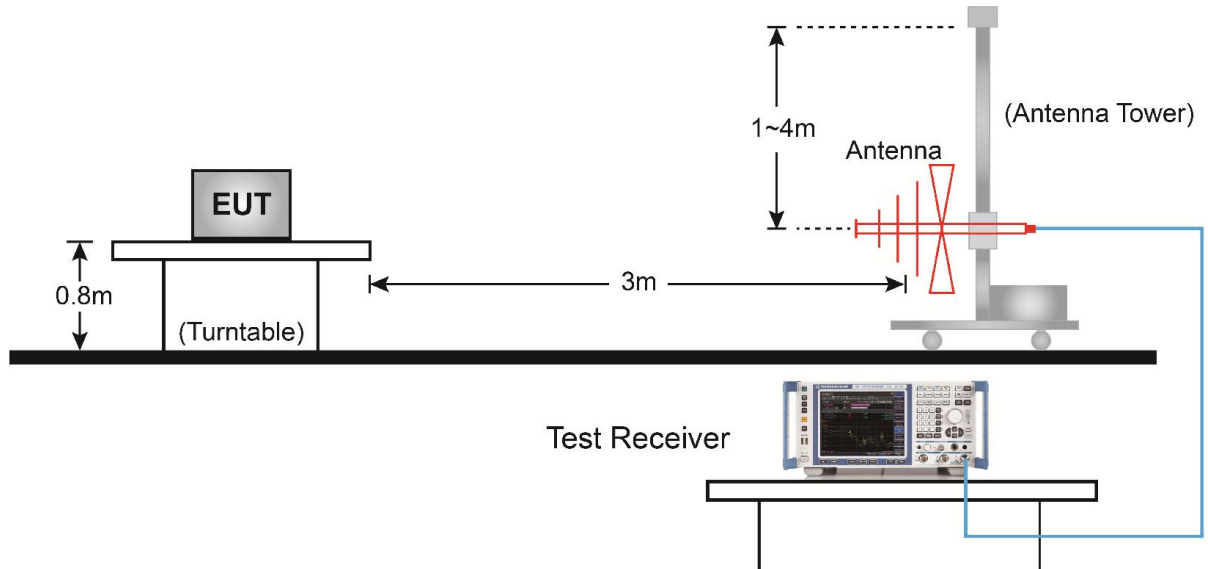
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

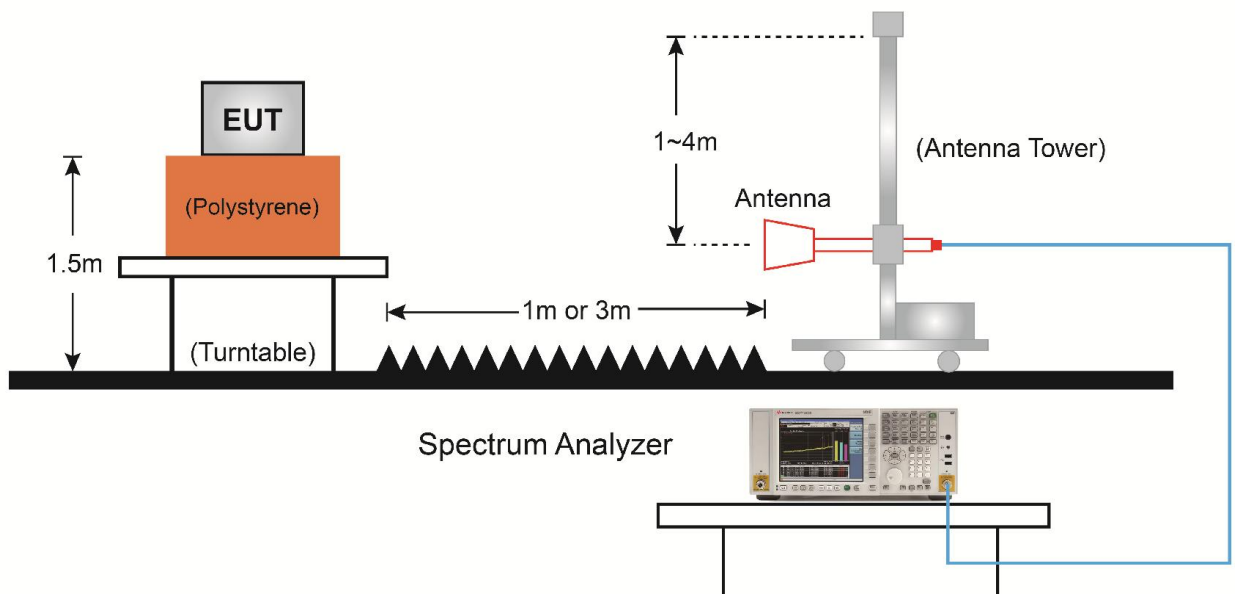
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4.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

7.6.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.6.5. Test Result

Product	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11b - Ant 0	Test Channel	01
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4009.0	41.5	0.4	41.9	74.0	-32.1	Peak	Horizontal
	4825.0	48.0	3.7	51.7	74.0	-22.3	Peak	Horizontal
*	6431.5	38.0	7.9	45.9	78.3	-32.4	Peak	Horizontal
*	7230.5	39.5	12.2	51.7	78.3	-26.6	Peak	Horizontal
	4315.0	39.8	1.6	41.4	74.0	-32.6	Peak	Vertical
	4825.0	40.8	3.7	44.5	74.0	-29.5	Peak	Vertical
*	6635.5	37.4	8.7	46.1	78.3	-32.2	Peak	Vertical
*	7239.0	38.6	12.2	50.8	78.3	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.3dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11b - Ant 0	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4170.5	39.9	1.0	40.9	74.0	-33.1	Peak	Horizontal
	4876.0	43.9	3.7	47.6	74.0	-26.4	Peak	Horizontal
*	5751.5	38.8	5.2	44.0	76.3	-32.3	Peak	Horizontal
*	6185.0	38.0	6.8	44.8	76.3	-31.5	Peak	Horizontal
	4085.5	40.5	0.7	41.2	74.0	-32.8	Peak	Vertical
	5037.5	37.5	4.0	41.5	74.0	-32.5	Peak	Vertical
*	5964.0	36.7	6.1	42.8	76.3	-33.5	Peak	Vertical
*	6542.0	36.6	8.6	45.2	76.3	-31.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.3dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11b - Ant 0	Test Channel	11
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4519.0	39.2	2.7	41.9	74.0	-32.1	Peak	Horizontal
	4927.0	42.4	3.7	46.1	74.0	-27.9	Peak	Horizontal
*	5981.0	38.1	6.1	44.2	77.2	-33.0	Peak	Horizontal
*	6907.5	36.2	9.9	46.1	77.2	-31.1	Peak	Horizontal
	4799.5	39.2	3.7	42.9	74.0	-31.1	Peak	Vertical
	4995.0	38.5	3.8	42.3	74.0	-31.7	Peak	Vertical
*	5836.5	38.1	5.7	43.8	77.2	-33.4	Peak	Vertical
*	6499.5	36.4	8.4	44.8	77.2	-32.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.2dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11g - Ant 0	Test Channel	01
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4009.0	41.0	0.4	41.4	74.0	-32.6	Peak	Horizontal
	4825.0	42.2	3.7	45.9	74.0	-28.1	Peak	Horizontal
*	6049.0	37.2	6.2	43.4	77.0	-33.6	Peak	Horizontal
*	6355.0	37.8	7.5	45.3	77.0	-31.7	Peak	Horizontal
	4051.5	40.8	0.5	41.3	74.0	-32.7	Peak	Vertical
	5071.5	38.3	4.1	42.4	74.0	-31.6	Peak	Vertical
*	5862.0	37.2	5.8	43.0	77.0	-34.0	Peak	Vertical
*	7239.0	37.3	12.2	49.5	77.0	-27.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.0dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11g - Ant 0	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4068.5	41.1	0.6	41.7	74.0	-32.3	Peak	Horizontal
	4867.5	42.6	3.7	46.3	74.0	-27.7	Peak	Horizontal
*	6006.5	37.6	6.1	43.7	78.7	-35.0	Peak	Horizontal
*	6839.5	35.4	9.3	44.7	78.7	-34.0	Peak	Horizontal
	4017.5	41.3	0.4	41.7	74.0	-32.3	Peak	Vertical
	7315.5	37.6	12.3	49.9	74.0	-24.1	Peak	Vertical
*	7885.0	34.9	12.4	47.3	78.7	-31.4	Peak	Vertical
*	8811.5	34.4	14.0	48.4	78.7	-30.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.7dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11g - Ant 0	Test Channel	11
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3881.5	38.8	0.3	39.1	74.0	-34.9	Peak	Horizontal
	4927.0	39.1	3.7	42.8	74.0	-31.2	Peak	Horizontal
*	5989.5	37.6	6.1	43.7	77.7	-34.0	Peak	Horizontal
*	6780.0	34.6	8.9	43.5	77.7	-34.2	Peak	Horizontal
	4731.5	38.6	3.6	42.2	74.0	-31.8	Peak	Vertical
	5131.0	38.1	4.2	42.3	74.0	-31.7	Peak	Vertical
*	6176.5	37.2	6.7	43.9	77.7	-33.8	Peak	Vertical
*	6737.5	37.2	8.8	46.0	77.7	-31.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.7dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT20 - Ant 0+1	Test Channel	01
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4043.0	42.0	0.5	42.5	74.0	-31.5	Peak	Horizontal
	4825.0	47.4	3.7	51.1	74.0	-22.9	Peak	Horizontal
*	6185.0	36.8	6.8	43.6	77.8	-34.2	Peak	Horizontal
*	7230.5	45.0	12.2	57.2	77.8	-20.6	Peak	Horizontal
	4238.5	40.3	1.3	41.6	74.0	-32.4	Peak	Vertical
	4825.0	48.7	3.7	52.4	74.0	-21.6	Peak	Vertical
*	6040.5	38.4	6.2	44.6	77.8	-33.2	Peak	Vertical
*	7230.5	43.1	12.2	55.3	77.8	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.8dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT20 - Ant 0+1	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4876.0	45.9	3.7	49.6	74.0	-24.4	Peak	Horizontal
	7315.5	39.8	12.3	52.1	74.0	-21.9	Peak	Horizontal
*	7876.5	36.6	12.4	49.0	79.6	-30.6	Peak	Horizontal
*	8616.0	34.2	13.5	47.7	79.6	-31.9	Peak	Horizontal
	4357.5	39.1	1.8	40.9	74.0	-33.1	Peak	Vertical
	4867.5	40.5	3.7	44.2	74.0	-29.8	Peak	Vertical
*	5794.0	37.6	5.4	43.0	79.6	-36.6	Peak	Vertical
*	6414.5	37.8	7.8	45.6	79.6	-34.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.6dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT20 - Ant 0+1	Test Channel	11
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4170.5	38.5	1.0	39.5	74.0	-34.5	Peak	Horizontal
	4927.0	42.1	3.7	45.8	74.0	-28.2	Peak	Horizontal
*	5760.0	36.2	5.2	41.4	80.5	-39.1	Peak	Horizontal
*	6440.0	36.2	8.0	44.2	80.5	-36.3	Peak	Horizontal
	4323.5	39.3	1.7	41.0	74.0	-33.0	Peak	Vertical
	4918.5	42.2	3.7	45.9	74.0	-28.1	Peak	Vertical
*	6091.5	37.6	6.4	44.0	80.5	-36.5	Peak	Vertical
*	6414.5	37.4	7.8	45.2	80.5	-35.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (110.5dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT40 - Ant 0+1	Test Channel	03
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	3992.0	39.9	0.4	40.3	74.0	-33.7	Peak	Horizontal
	4706.0	37.1	3.6	40.7	74.0	-33.3	Peak	Horizontal
*	5768.5	36.7	5.3	42.0	76.1	-34.1	Peak	Horizontal
*	6176.5	36.1	6.7	42.8	76.1	-33.3	Peak	Horizontal
	4026.0	40.9	0.5	41.4	74.0	-32.6	Peak	Vertical
	4782.5	38.7	3.7	42.4	74.0	-31.6	Peak	Vertical
*	6261.5	38.7	7.0	45.7	76.1	-30.4	Peak	Vertical
*	6499.5	35.9	8.4	44.3	76.1	-31.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.1dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT40 - Ant 0+1	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4009.0	40.0	0.4	40.4	74.0	-33.6	Peak	Horizontal
	7281.5	37.9	12.3	50.2	74.0	-23.8	Peak	Horizontal
*	7910.5	36.0	12.4	48.4	78.1	-29.7	Peak	Horizontal
*	8743.5	32.2	13.9	46.1	78.1	-32.0	Peak	Horizontal
	4366.0	39.2	1.9	41.1	74.0	-32.9	Peak	Vertical
	4876.0	39.3	3.7	43.0	74.0	-31.0	Peak	Vertical
*	5539.0	38.1	4.4	42.5	78.1	-35.6	Peak	Vertical
*	6185.0	36.4	6.8	43.2	78.1	-34.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.1dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	802.11n-HT40 - Ant 0+1	Test Channel	09
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4009.0	41.3	0.4	41.7	74.0	-32.3	Peak	Horizontal
	4901.5	39.0	3.7	42.7	74.0	-31.3	Peak	Horizontal
*	6049.0	35.7	6.2	41.9	74.0	-32.1	Peak	Horizontal
*	6499.5	35.8	8.4	44.2	74.0	-29.8	Peak	Horizontal
	3975.0	40.4	0.4	40.8	74.0	-33.2	Peak	Vertical
	4816.5	38.5	3.7	42.2	74.0	-31.8	Peak	Vertical
*	5981.0	37.6	6.1	43.7	74.0	-30.3	Peak	Vertical
*	6933.0	36.8	10.1	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.5dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT20 - Ant 0+1	Test Channel	01
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4315.0	39.2	1.6	40.8	74.0	-33.2	Peak	Horizontal
	4816.5	43.0	3.7	46.7	74.0	-27.3	Peak	Horizontal
*	6899.0	37.1	9.8	46.9	78.4	-31.5	Peak	Horizontal
*	7239.0	37.3	12.2	49.5	78.4	-28.9	Peak	Horizontal
	4051.5	40.8	0.5	41.3	74.0	-32.7	Peak	Vertical
	4833.5	41.1	3.7	44.8	74.0	-29.2	Peak	Vertical
*	5845.0	38.4	5.7	44.1	78.4	-34.3	Peak	Vertical
*	7230.5	37.2	12.2	49.4	78.4	-29.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (108.4dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT20 - Ant 0+1	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4043.0	40.4	0.5	40.9	74.0	-33.1	Peak	Horizontal
	4867.5	44.2	3.7	47.9	74.0	-26.1	Peak	Horizontal
*	6321.0	37.4	7.3	44.7	79.7	-35.0	Peak	Horizontal
*	6890.5	36.6	9.7	46.3	79.7	-33.4	Peak	Horizontal
	4272.5	39.7	1.5	41.2	74.0	-32.8	Peak	Vertical
	4867.5	39.6	3.7	43.3	74.0	-30.7	Peak	Vertical
*	5998.0	39.3	6.1	45.4	79.7	-34.3	Peak	Vertical
*	7137.0	37.1	11.7	48.8	79.7	-30.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (109.7dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT20 - Ant 0+1	Test Channel	11
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4017.5	40.4	0.4	40.8	74.0	-33.2	Peak	Horizontal
	4927.0	39.1	3.7	42.8	74.0	-31.2	Peak	Horizontal
*	5819.5	37.8	5.6	43.4	77.8	-34.4	Peak	Horizontal
*	6584.5	36.4	8.6	45.0	77.8	-32.8	Peak	Horizontal
	3941.0	40.6	0.3	40.9	74.0	-33.1	Peak	Vertical
	4808.0	38.3	3.7	42.0	74.0	-32.0	Peak	Vertical
*	5777.0	39.5	5.3	44.8	77.8	-33.0	Peak	Vertical
*	6720.5	37.8	8.7	46.5	77.8	-31.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.8dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT40 - Ant 0+1	Test Channel	03
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4332.0	39.1	1.7	40.8	74.0	-33.2	Peak	Horizontal
	4842.0	38.4	3.7	42.1	74.0	-31.9	Peak	Horizontal
*	5564.5	36.9	4.5	41.4	74.0	-32.6	Peak	Horizontal
*	6210.5	37.0	6.9	43.9	74.0	-30.1	Peak	Horizontal
	3779.5	40.6	0.2	40.8	74.0	-33.2	Peak	Vertical
	4621.0	38.2	3.3	41.5	74.0	-32.5	Peak	Vertical
*	5930.0	38.2	6.0	44.2	74.0	-29.8	Peak	Vertical
*	6491.0	37.1	8.3	45.4	74.0	-28.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (103.3dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT40 - Ant 0+1	Test Channel	06
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4119.5	40.6	0.8	41.4	74.0	-32.6	Peak	Horizontal
	4876.0	44.3	3.7	48.0	74.0	-26.0	Peak	Horizontal
*	5930.0	38.2	6.0	44.2	76.0	-31.8	Peak	Horizontal
*	6542.0	37.2	8.6	45.8	76.0	-30.2	Peak	Horizontal
	4247.0	39.0	1.3	40.3	74.0	-33.7	Peak	Vertical
	4833.5	37.4	3.7	41.1	74.0	-32.9	Peak	Vertical
*	6491.0	37.1	8.3	45.4	76.0	-30.6	Peak	Vertical
*	7128.5	37.6	11.7	49.3	76.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.0dBμV/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	AC1300 Mini Wireless MU-MIMO USB Adapter	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2019/02/28
Test Mode	VHT40 - Ant 0+1	Test Channel	09
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	4612.5	38.0	3.2	41.2	74.0	-32.8	Peak	Horizontal
	4901.5	37.9	3.7	41.6	74.0	-32.4	Peak	Horizontal
*	5734.5	37.0	5.1	42.1	74.0	-31.9	Peak	Horizontal
*	6227.5	36.7	6.9	43.6	74.0	-30.4	Peak	Horizontal
	3915.5	39.2	0.3	39.5	74.0	-34.5	Peak	Vertical
	4808.0	39.2	3.7	42.9	74.0	-31.1	Peak	Vertical
*	6108.5	37.1	6.5	43.6	74.0	-30.4	Peak	Vertical
*	6533.5	36.8	8.5	45.3	74.0	-28.7	Peak	Vertical

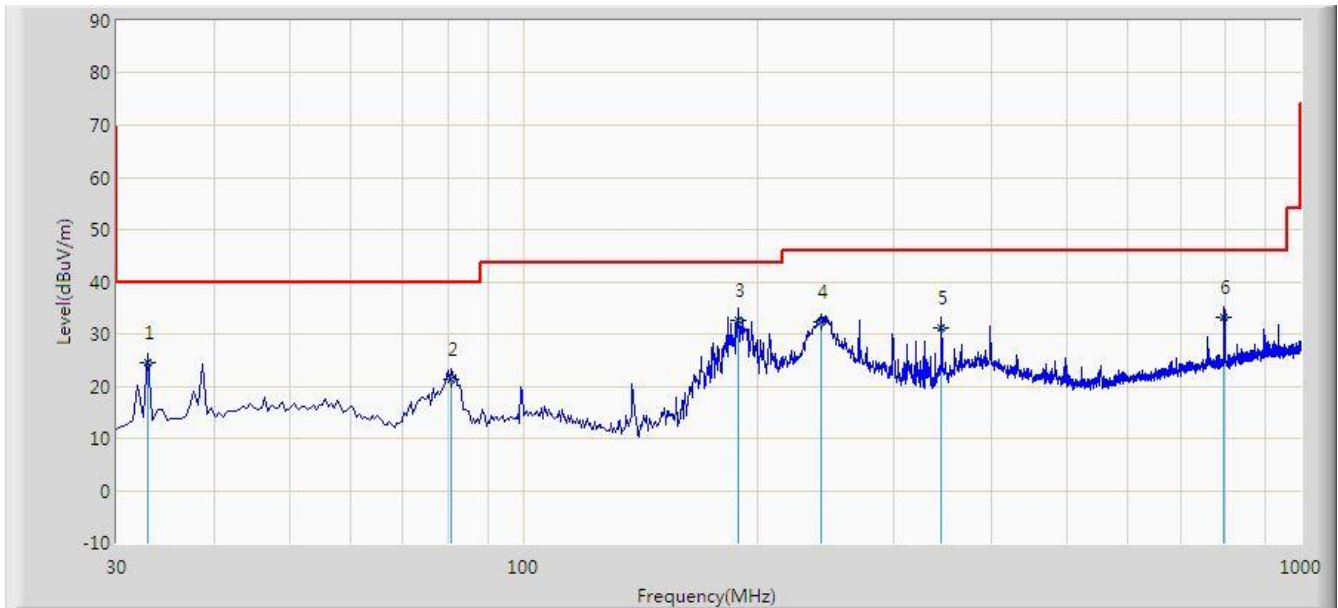
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.2dBμV/m) or 15.209 which is higher.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/03/08 - 02:46
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Worst Case Mode: There is the worst case within frequency range 30MHz~1GHz.	



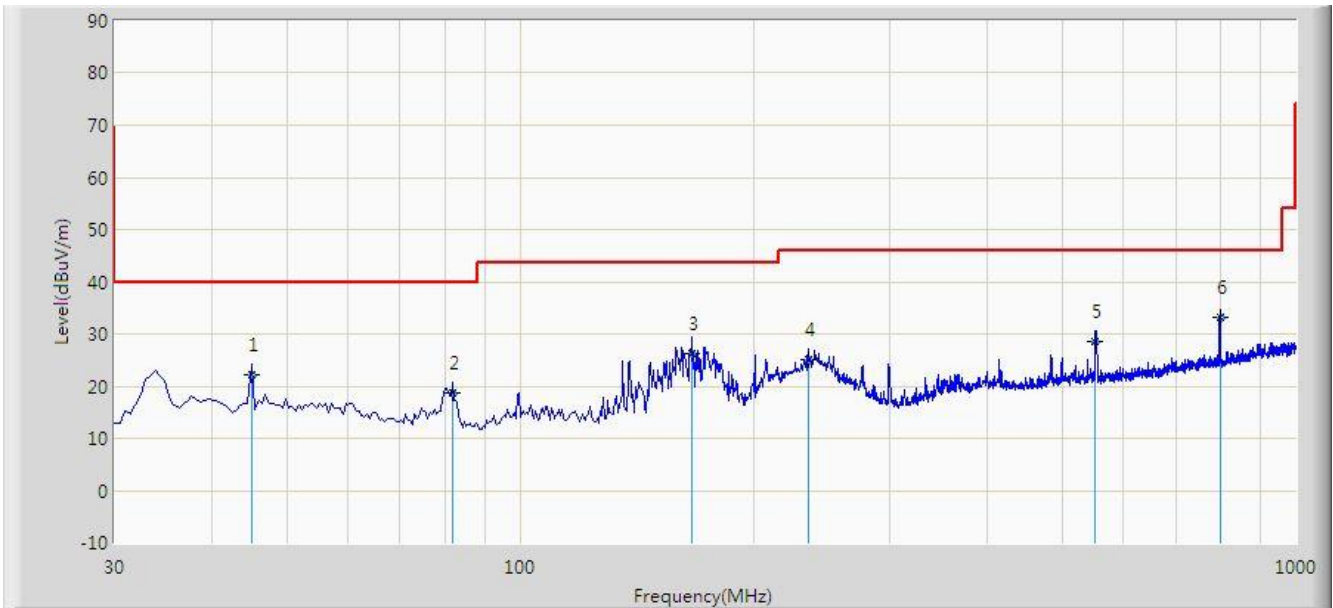
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			32.910	24.375	11.715	-15.625	40.000	12.660	QP
2			80.925	21.325	11.656	-18.675	40.000	9.669	QP
3		*	189.080	32.540	20.570	-10.960	43.500	11.970	QP
4			241.945	32.387	18.660	-13.613	46.000	13.728	QP
5			344.765	31.186	15.116	-14.814	46.000	16.070	QP
6			796.785	33.078	9.863	-12.922	46.000	23.215	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: 2019/03/08 - 02:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Worst Case Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			45.035	22.290	7.353	-17.710	40.000	14.937	QP
2			81.895	18.651	8.846	-21.349	40.000	9.805	QP
3			166.770	26.355	16.020	-17.145	43.500	10.335	QP
4			235.155	25.068	11.554	-20.932	46.000	13.514	QP
5			551.860	28.571	9.027	-17.429	46.000	19.544	QP
6		*	799.210	33.121	9.870	-12.879	46.000	23.251	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

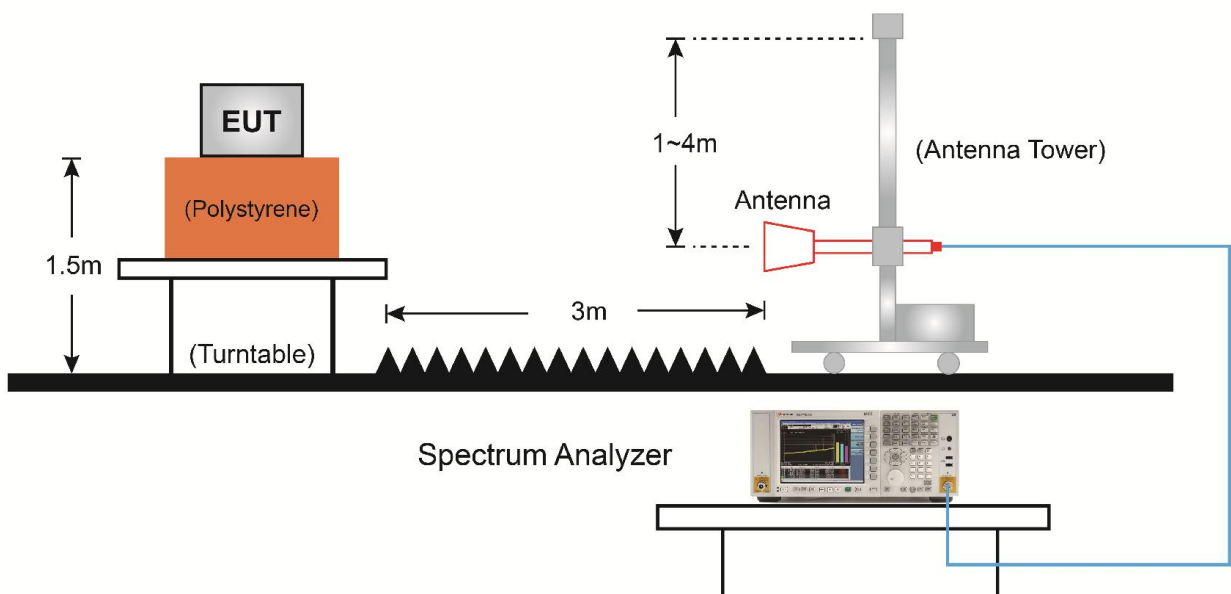
Peak Field Strength Measurements

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)

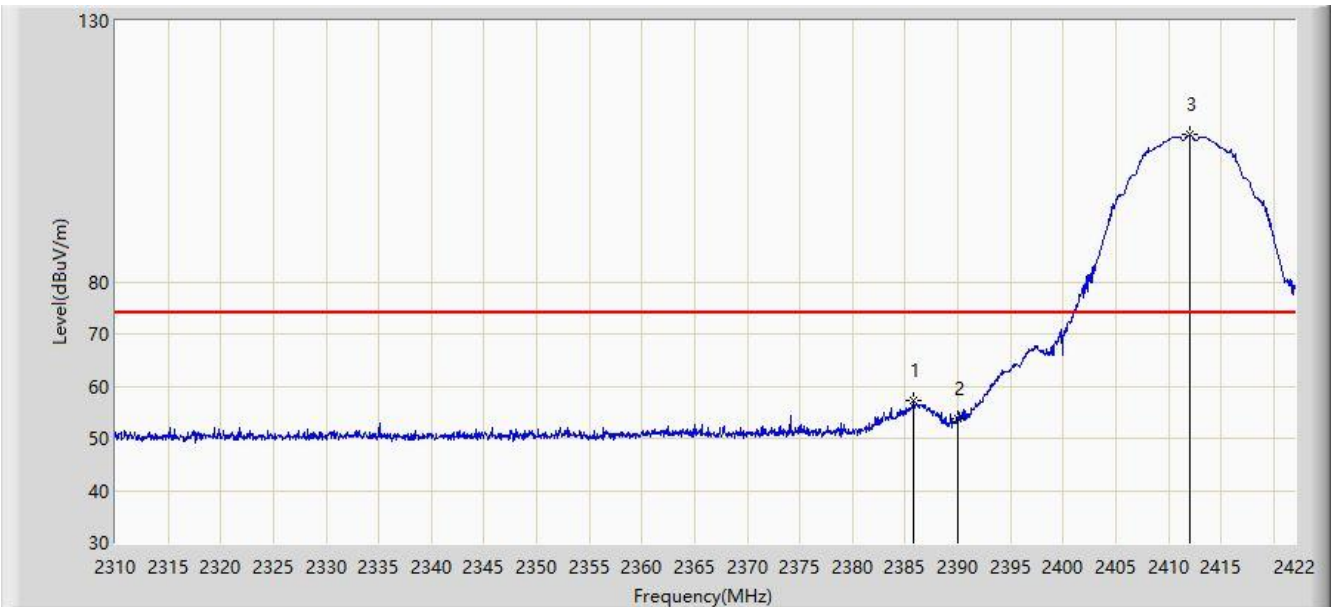
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. 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: 2019/02/21 - 18:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.768	57.250	59.080	-16.750	74.000	-1.830	PK
2			2390.000	53.775	55.617	-20.225	74.000	-1.842	PK
3		*	2411.976	108.290	110.208	N/A	N/A	-1.918	PK

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

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

Site: AC1	Time: 2019/02/21 - 18:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

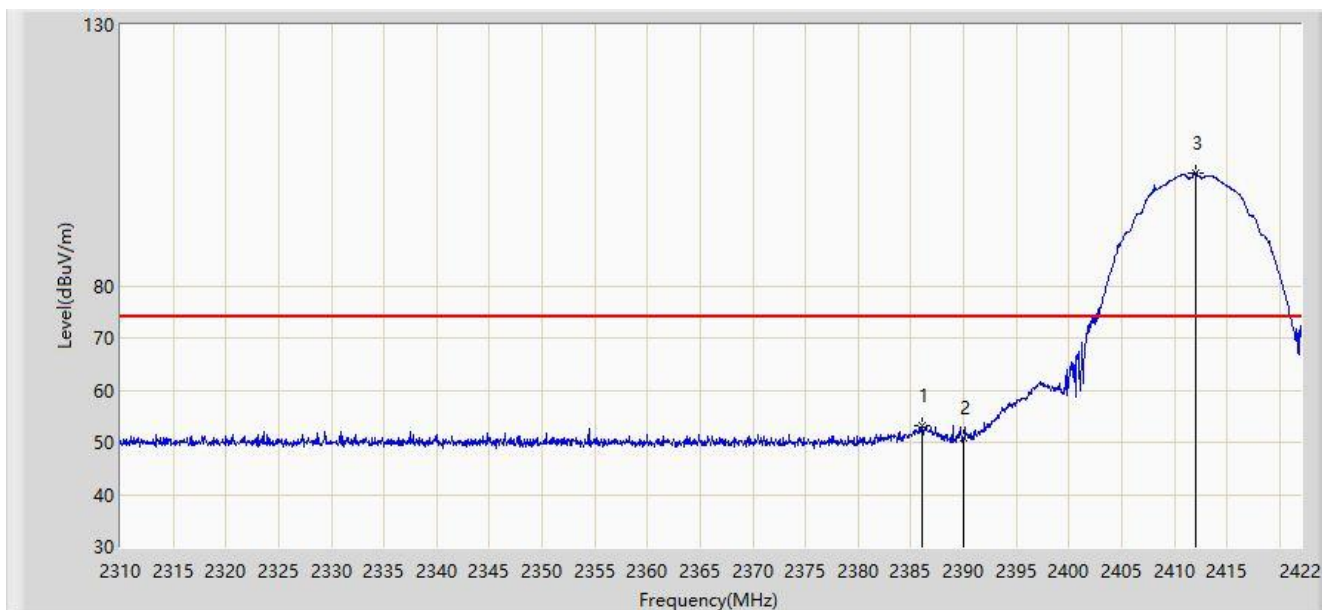


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.216	48.207	50.038	-5.793	54.000	-1.832	AV
2			2390.000	41.735	43.577	-12.265	54.000	-1.842	AV
3		*	2411.136	103.533	105.448	N/A	N/A	-1.914	AV

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

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

Site: AC1	Time: 2019/02/21 - 18:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

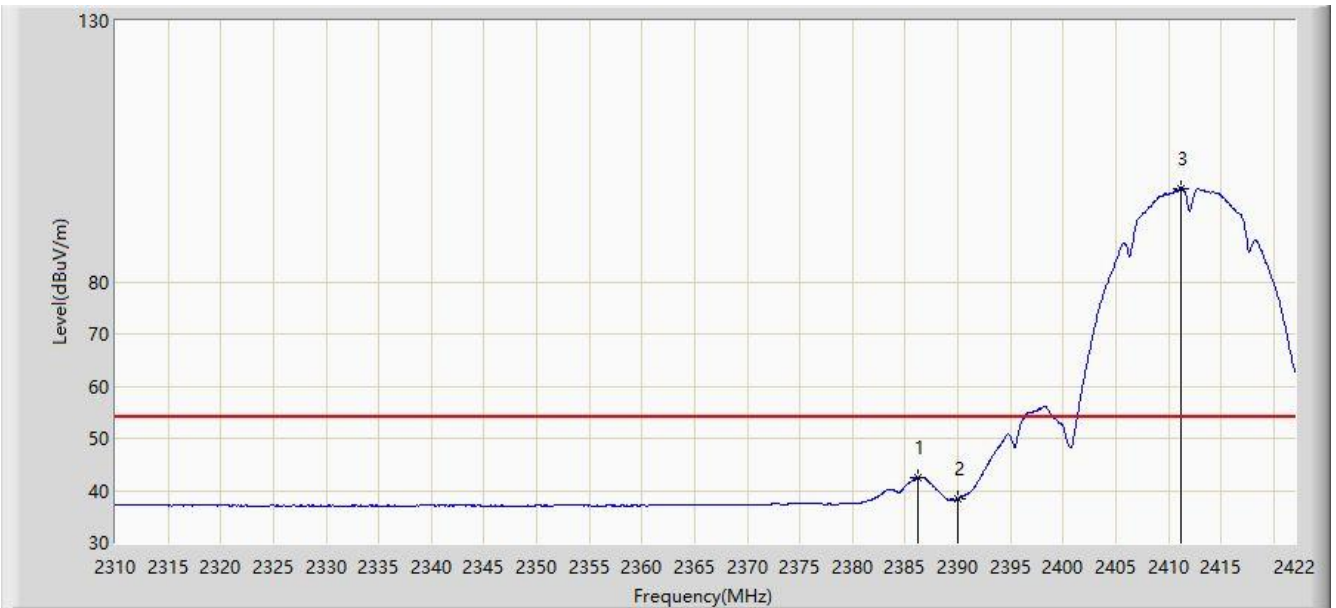


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.104	53.294	55.125	-20.706	74.000	-1.832	PK
2			2390.000	50.870	52.712	-23.130	74.000	-1.842	PK
3		*	2411.976	101.688	103.606	N/A	N/A	-1.918	PK

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

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

Site: AC1	Time: 2019/02/21 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

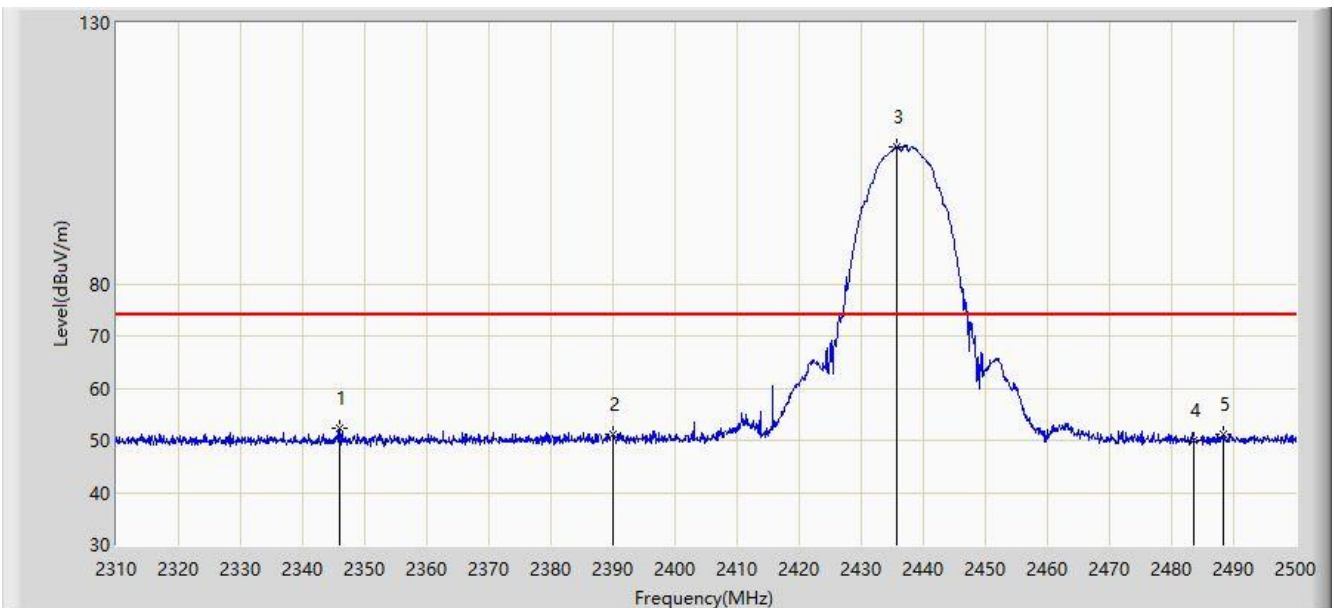


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.272	42.608	44.440	-11.392	54.000	-1.831	AV
2			2390.000	38.433	40.275	-15.567	54.000	-1.842	AV
3		*	2411.136	97.939	99.854	N/A	N/A	-1.914	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz, Ant 0	

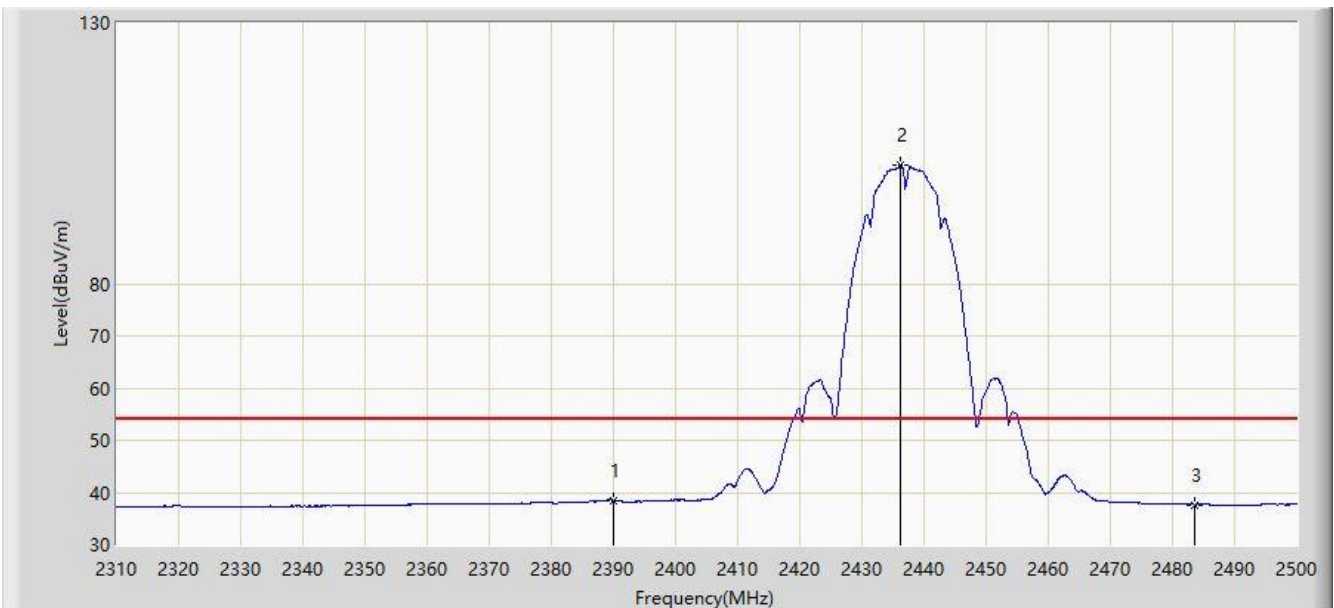


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2346.005	52.318	54.026	-21.682	74.000	-1.708	PK
2			2390.000	51.101	52.943	-22.899	74.000	-1.842	PK
3		*	2435.780	106.247	108.260	N/A	N/A	-2.013	PK
4			2483.500	49.960	52.037	-24.040	74.000	-2.077	PK
5			2488.220	51.119	53.197	-22.881	74.000	-2.077	PK

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

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

aSite: AC1	Time: 2019/02/21 - 19:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz, Ant 0	

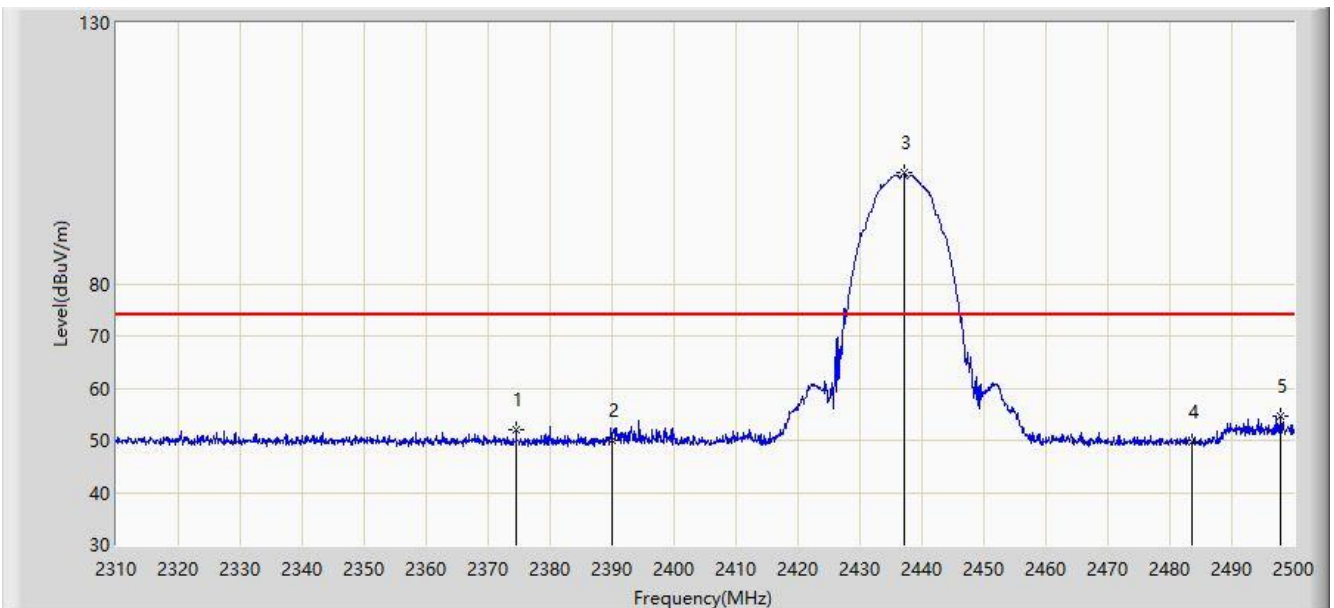


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	38.508	40.350	-15.492	54.000	-1.842	AV
2		*	2436.255	102.832	104.847	N/A	N/A	-2.015	AV
3			2483.500	37.668	39.745	-16.332	54.000	-2.077	AV

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

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

aSite: AC1	Time: 2019/02/21 - 19:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz, Ant 0	

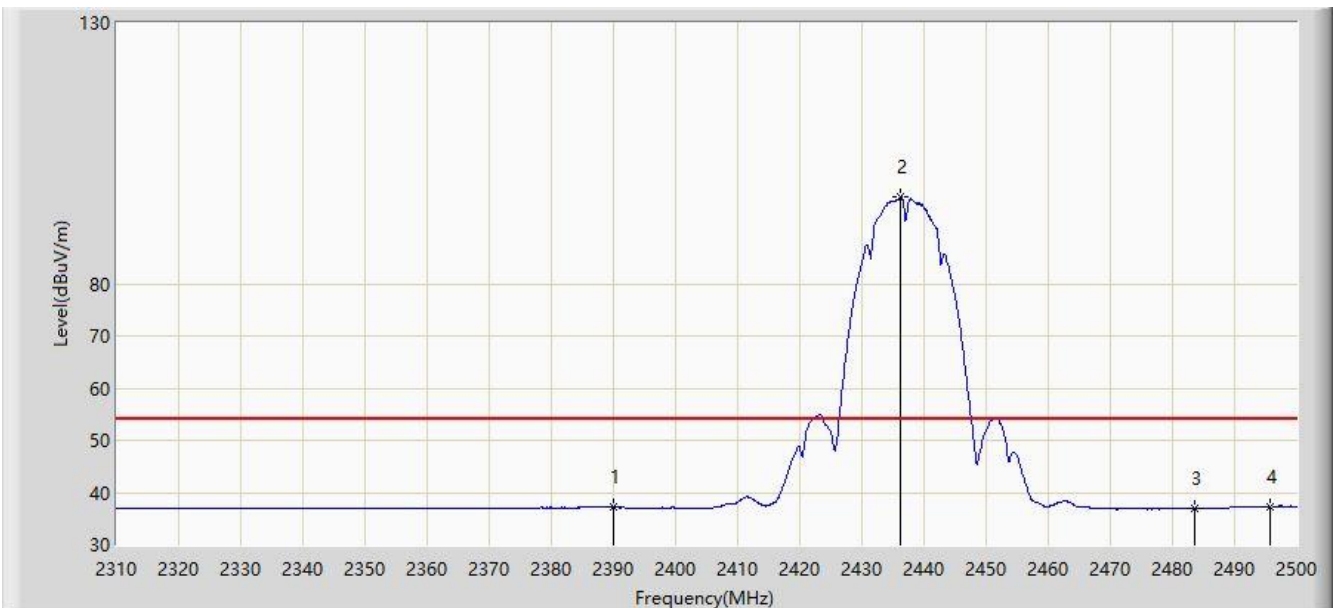


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.505	52.094	53.893	-21.906	74.000	-1.800	PK
2			2390.000	49.952	51.794	-24.048	74.000	-1.842	PK
3		*	2437.110	101.389	103.407	N/A	N/A	-2.018	PK
4			2483.500	49.651	51.728	-24.349	74.000	-2.077	PK
5			2497.910	54.764	56.844	-19.236	74.000	-2.080	PK

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

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

aSite: AC1	Time: 2019/02/21 - 19:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2437MHz, Ant 0	

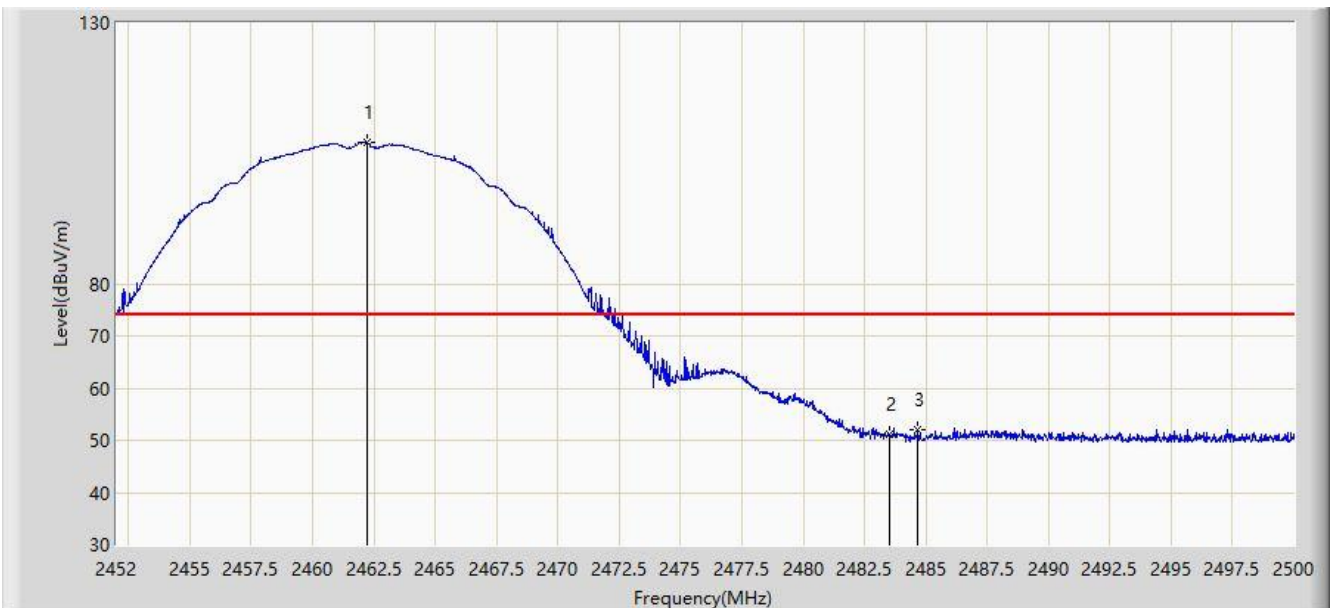


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	37.250	39.092	-16.750	54.000	-1.842	AV
2		*	2436.160	96.628	98.642	N/A	N/A	-2.014	AV
3			2483.500	36.879	38.956	-17.121	54.000	-2.077	AV
4			2495.725	37.383	39.462	-16.617	54.000	-2.079	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

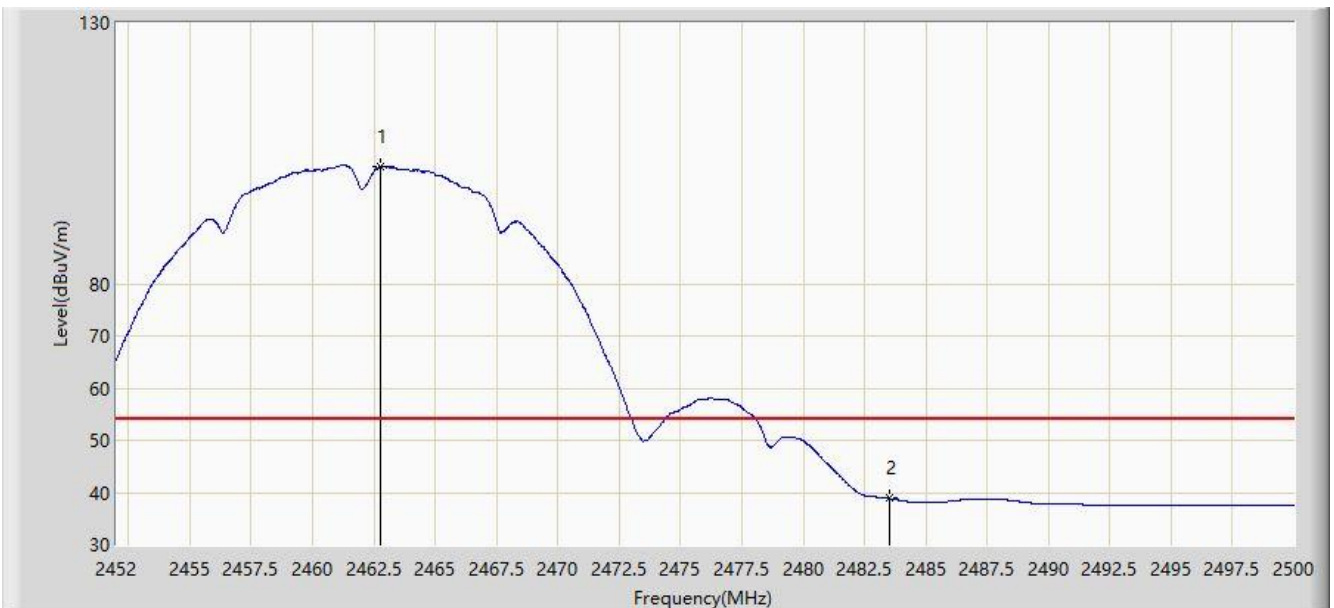


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.248	107.177	109.249	N/A	N/A	-2.072	PK
2			2483.500	51.064	53.141	-22.936	74.000	-2.077	PK
3			2484.688	51.934	54.011	-22.066	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

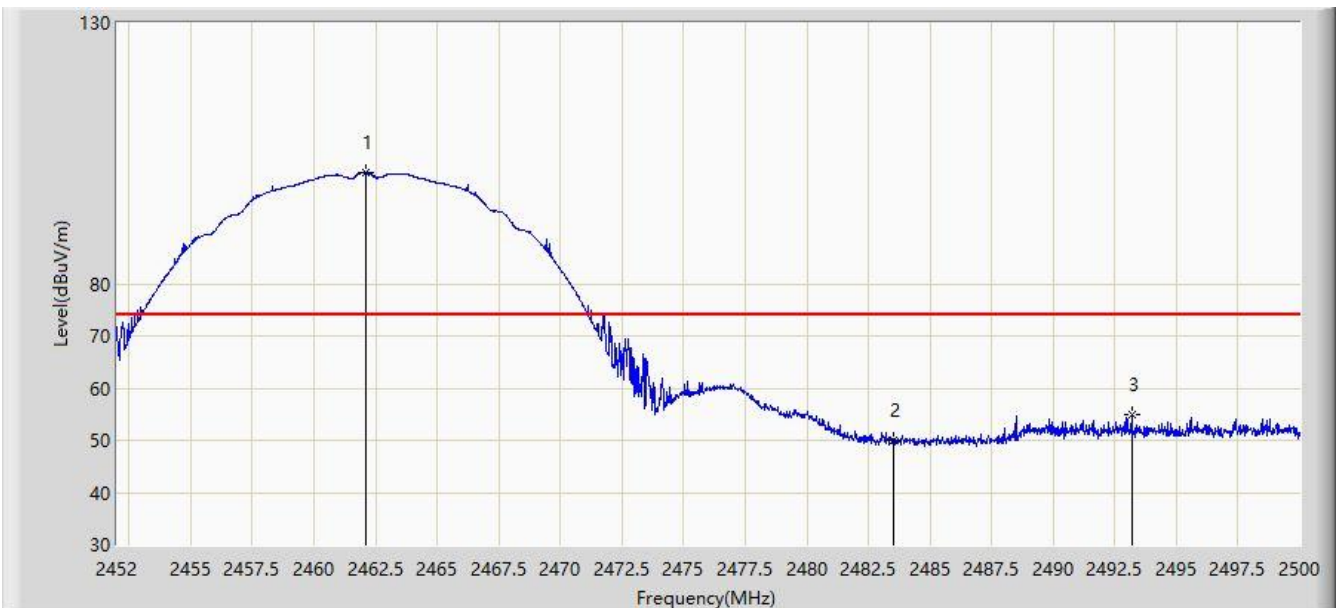


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.752	102.580	104.652	N/A	N/A	-2.073	AV
2			2483.500	38.877	40.954	-15.123	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

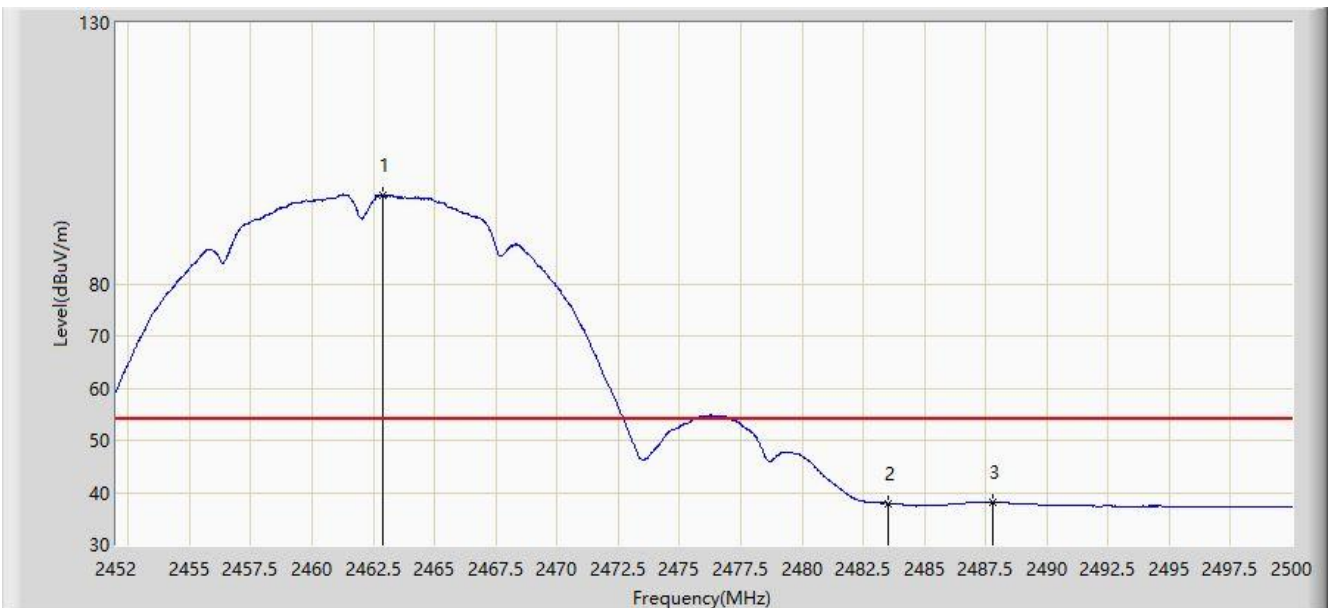


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.128	101.430	103.502	N/A	N/A	-2.073	PK
2			2483.500	49.999	52.076	-24.001	74.000	-2.077	PK
3			2493.208	55.066	57.144	-18.934	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.872	96.943	99.015	N/A	N/A	-2.072	AV
2			2483.500	37.947	40.024	-16.053	54.000	-2.077	AV
3			2487.808	38.196	40.273	-15.804	54.000	-2.078	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

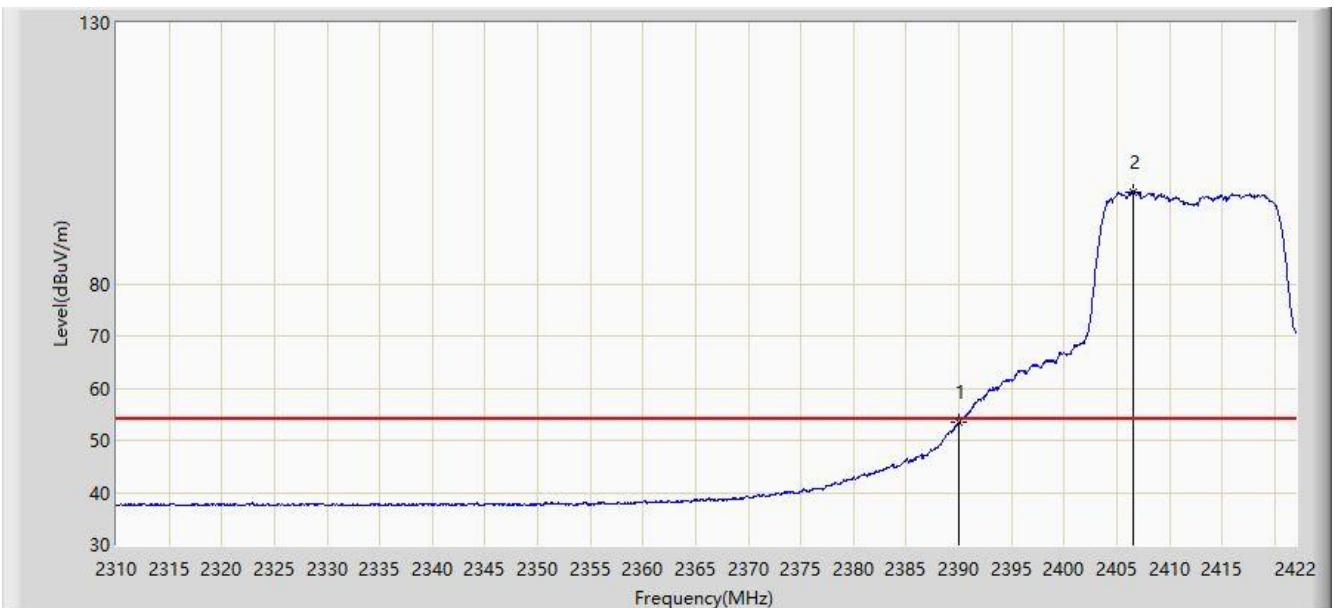


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.632	68.048	69.889	-5.952	74.000	-1.841	PK
2			2390.000	67.457	69.299	-6.543	74.000	-1.842	PK
3		*	2417.352	107.022	108.961	N/A	N/A	-1.939	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.430	55.272	-0.570	54.000	-1.842	AV
2		*	2406.600	97.643	99.539	N/A	N/A	-1.895	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

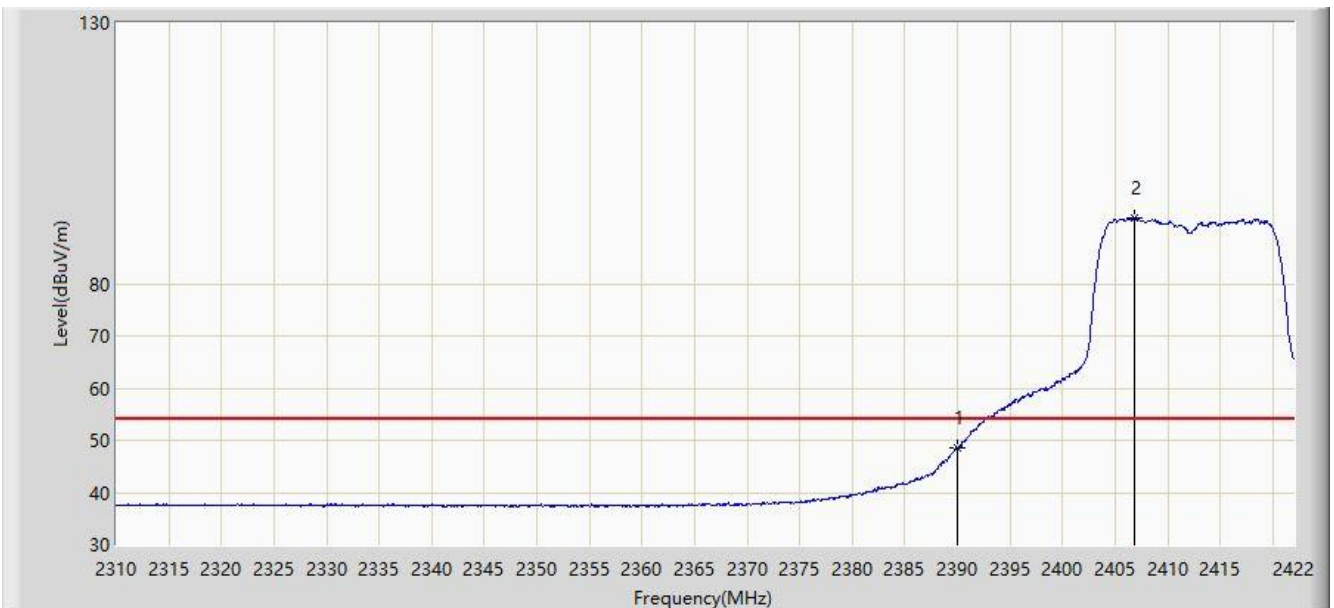


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	65.271	67.113	-8.729	74.000	-1.842	PK
2		*	2405.760	102.264	104.156	N/A	N/A	-1.892	PK

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

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

aSite: AC1	Time: 2019/02/21 - 19:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

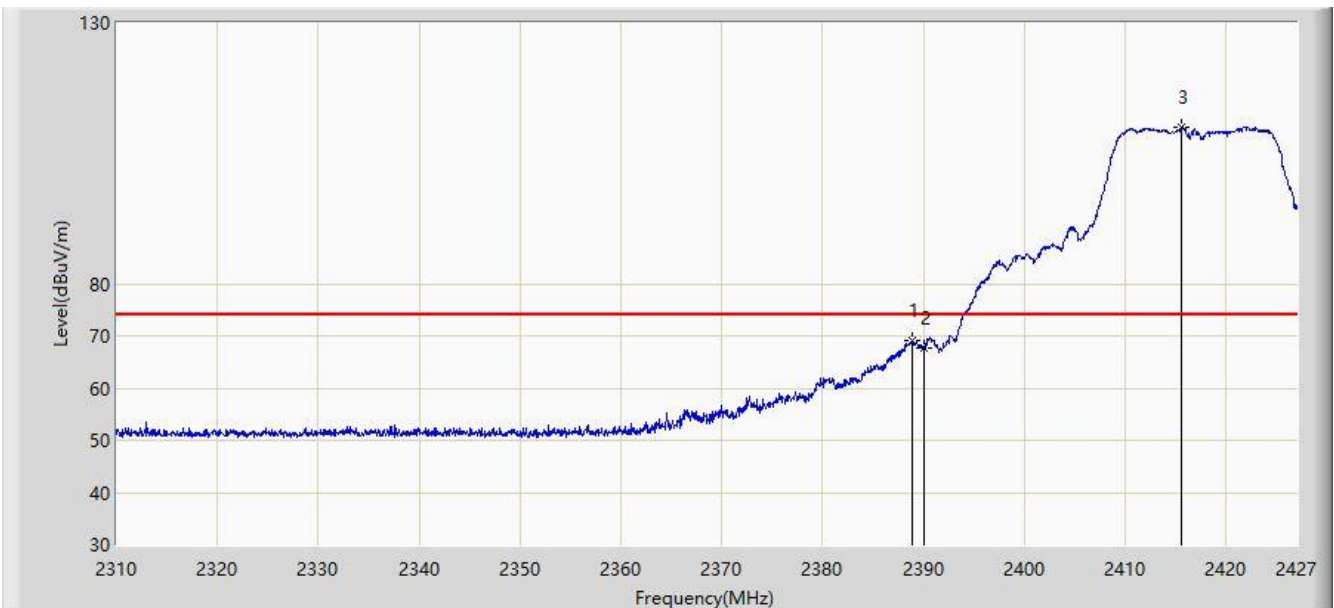


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.502	50.344	-5.498	54.000	-1.842	AV
2		*	2406.824	92.619	94.516	N/A	N/A	-1.897	AV

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

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

Site: AC1	Time: 2019/02/28 - 01:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz, Ant 0	

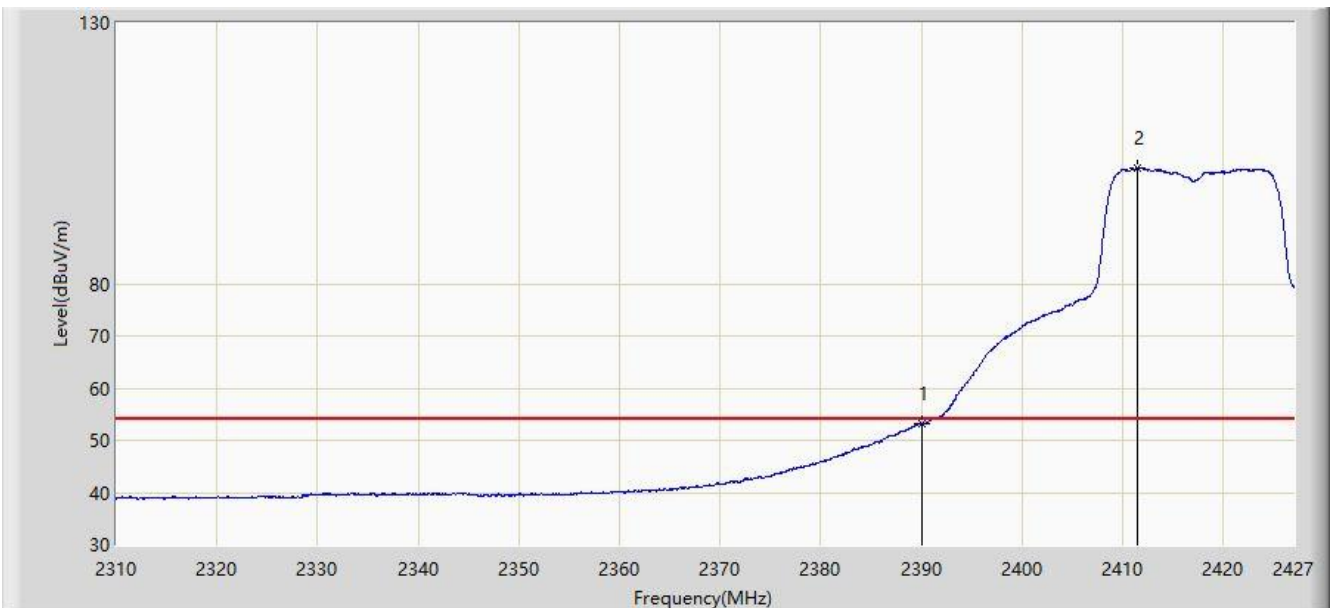


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.917	69.007	70.846	-4.993	74.000	-1.839	PK
2			2390.000	67.788	69.630	-6.212	74.000	-1.842	PK
3		*	2415.593	110.062	111.994	N/A	N/A	-1.933	PK

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

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

Site: AC1	Time: 2019/02/28 - 01:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz, Ant 0	

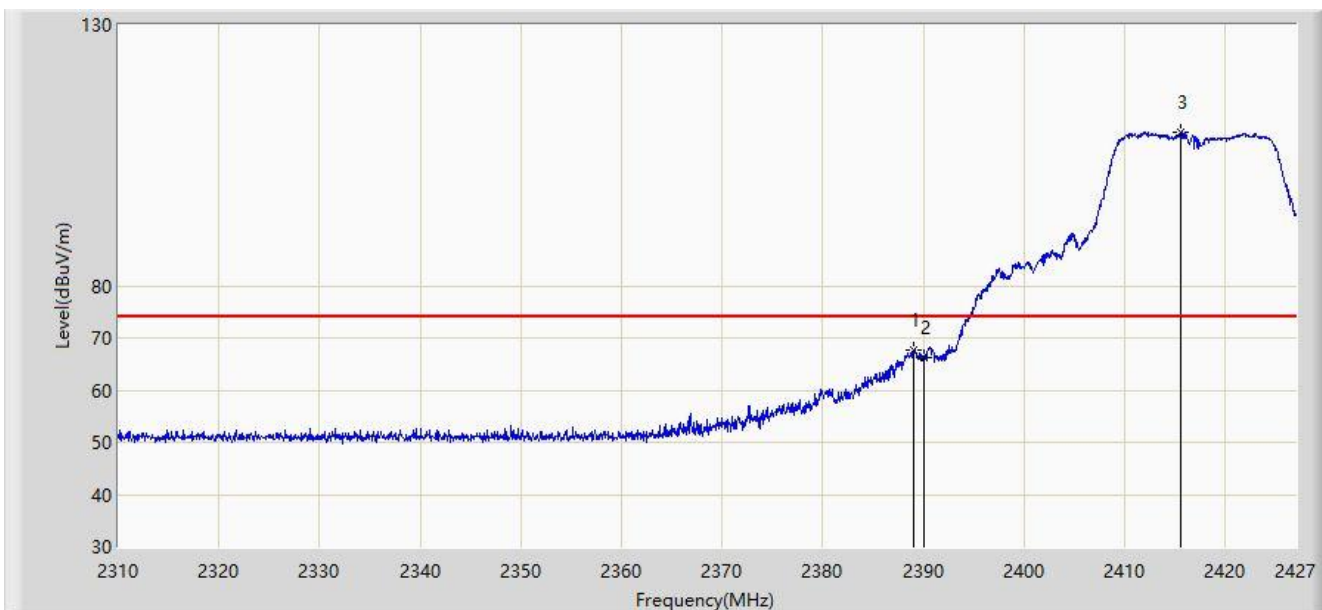


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.188	55.030	-0.812	54.000	-1.842	AV
2		*	2411.498	102.222	104.138	N/A	N/A	-1.916	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz, Ant 0	

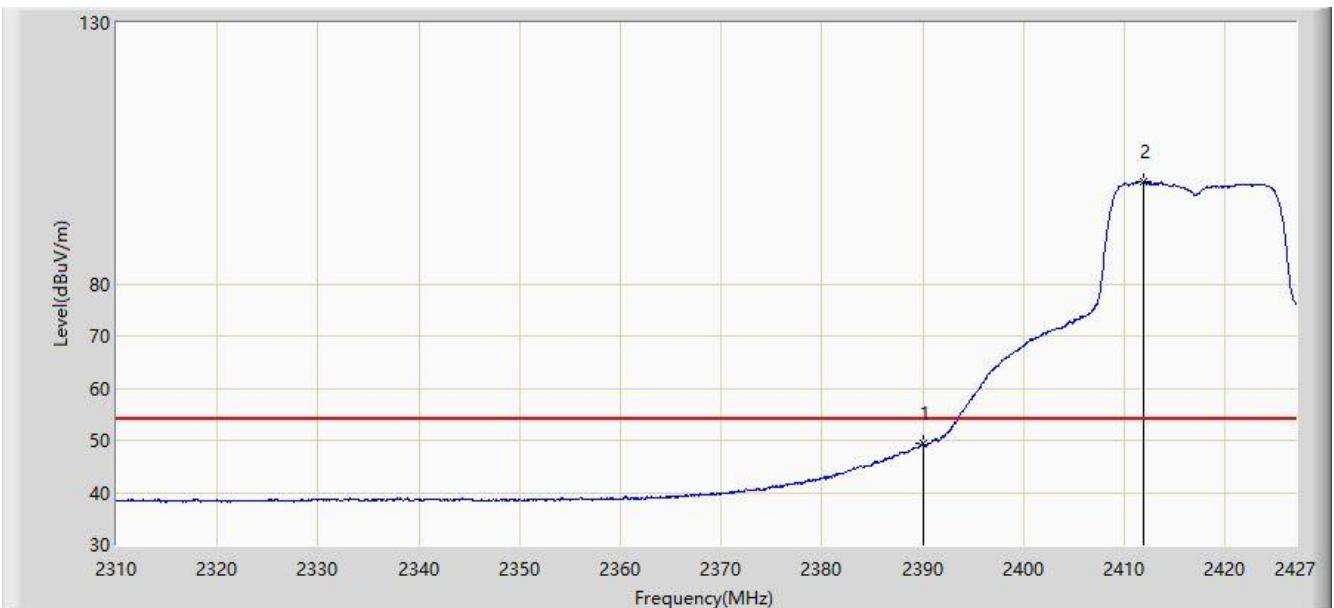


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.975	67.595	69.434	-6.405	74.000	-1.839	PK
2			2390.000	66.361	68.203	-7.639	74.000	-1.842	PK
3		*	2415.534	109.444	111.376	N/A	N/A	-1.932	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz, Ant 0	

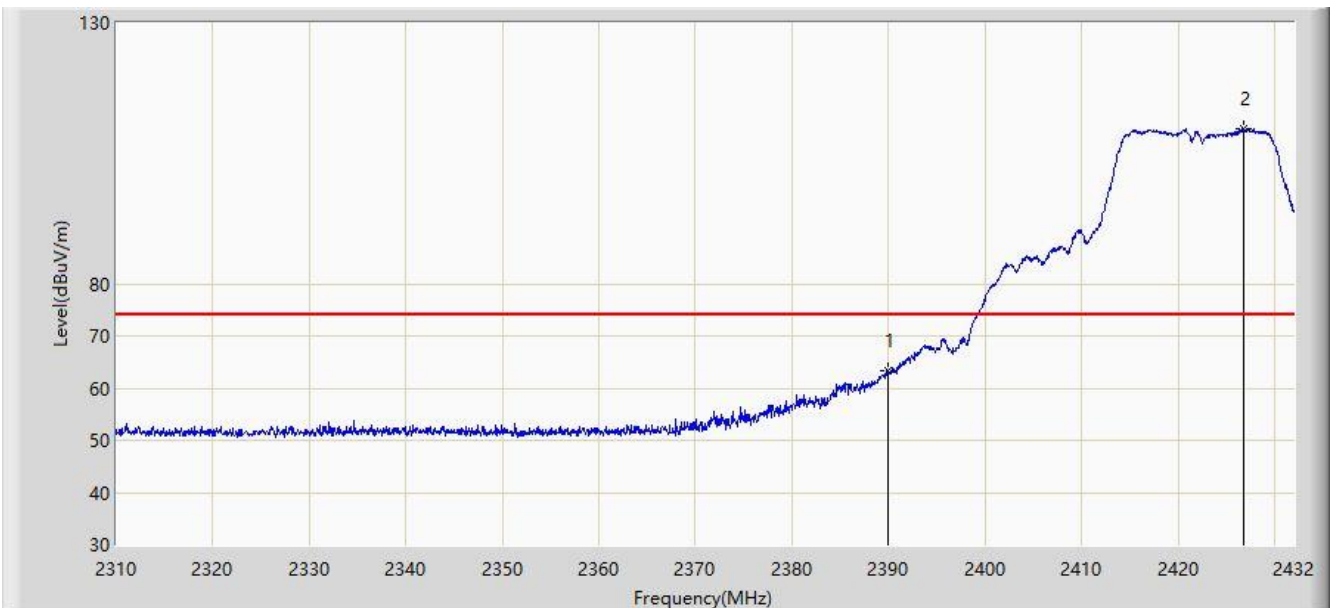


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.371	51.213	-4.629	54.000	-1.842	AV
2		*	2411.848	99.473	101.390	N/A	N/A	-1.917	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz, Ant 0	

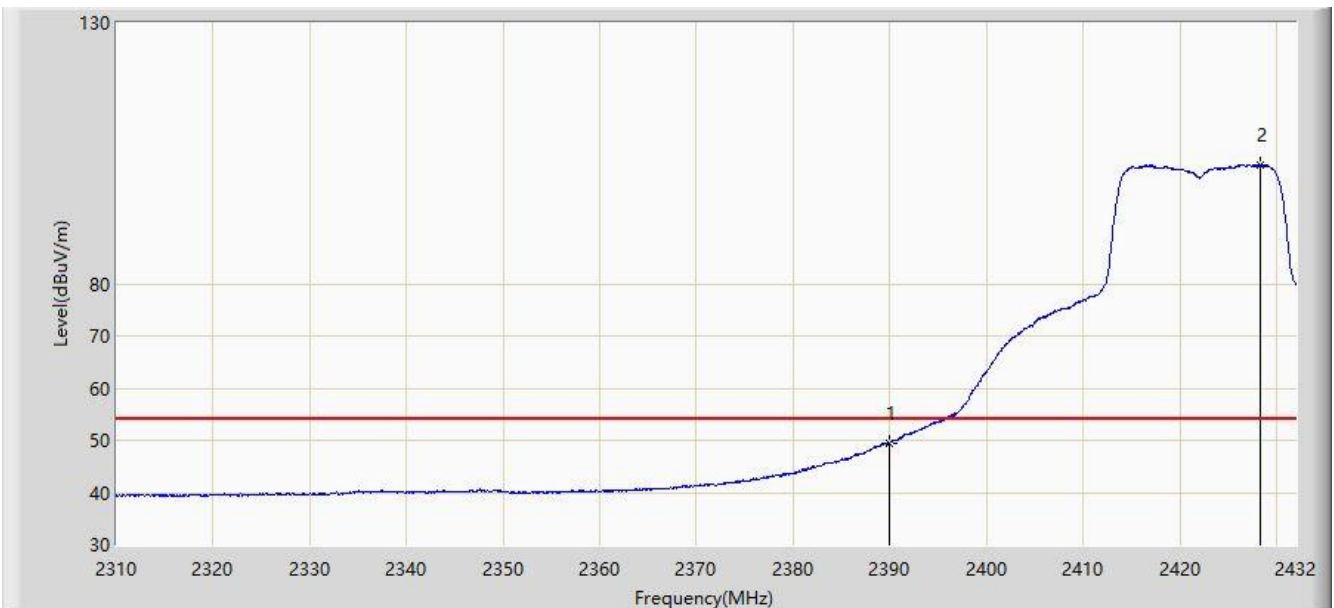


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	63.296	65.138	-10.704	74.000	-1.842	PK
2		*	2426.876	109.705	111.682	N/A	N/A	-1.977	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz, Ant 0	

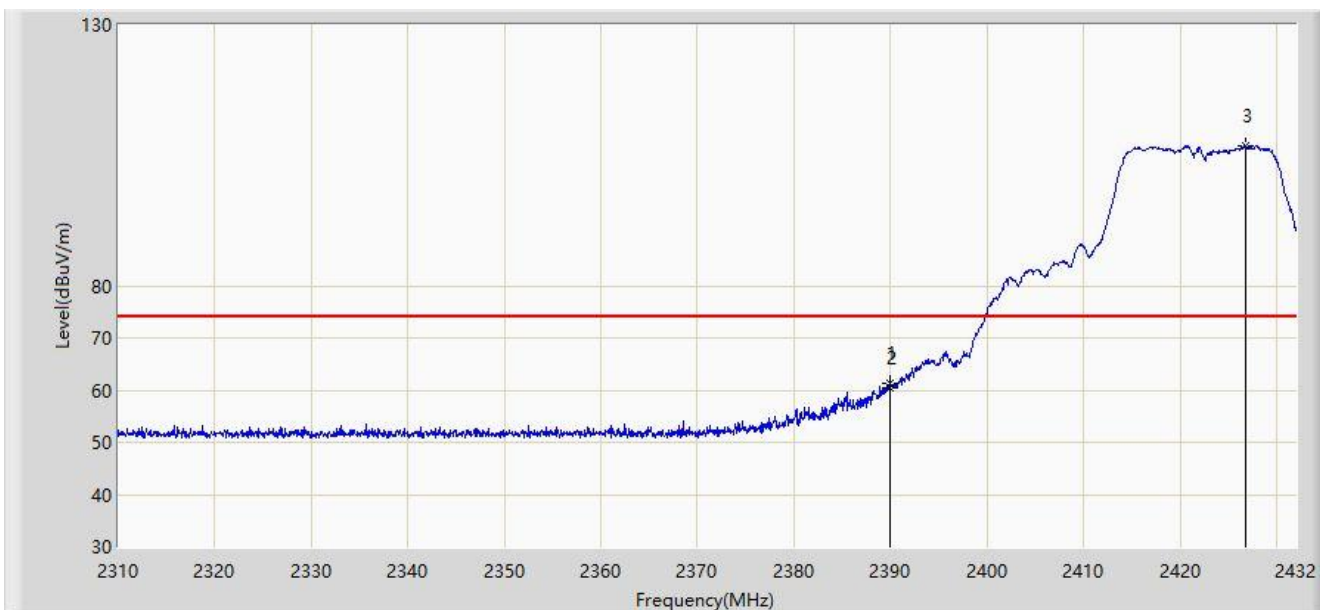


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.553	51.395	-4.447	54.000	-1.842	AV
2		*	2428.279	102.886	104.869	N/A	N/A	-1.983	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz, Ant 0	

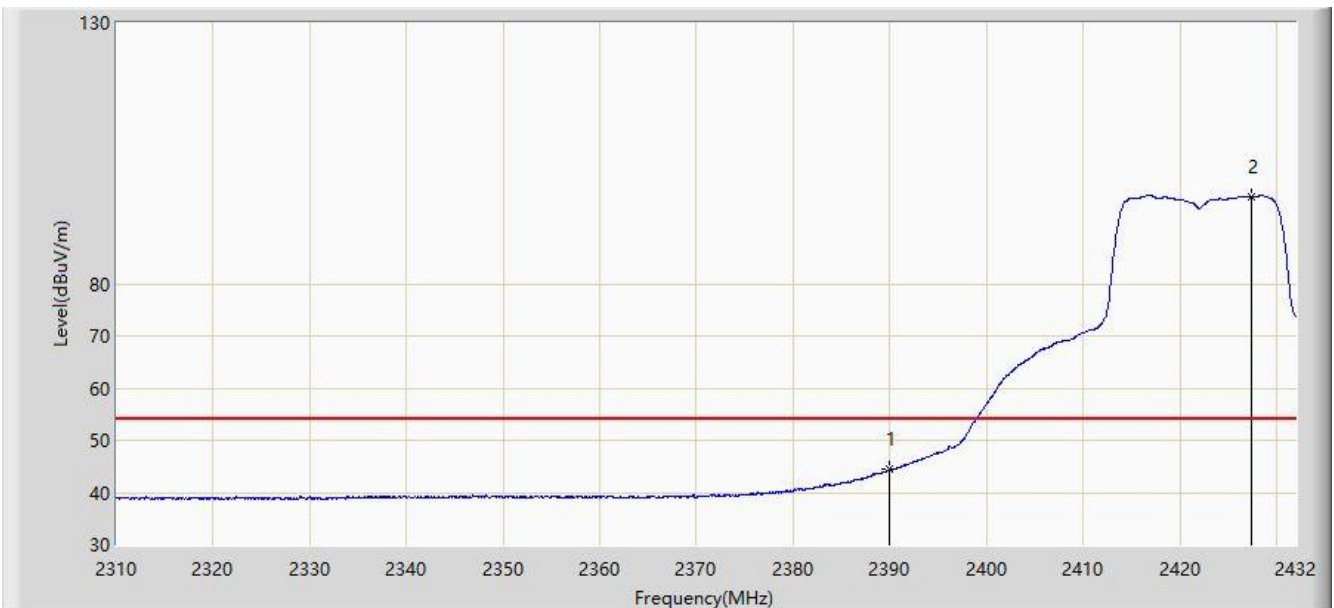


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.910	61.381	63.223	-12.619	74.000	-1.841	PK
2			2390.000	60.521	62.363	-13.479	74.000	-1.842	PK
3		*	2426.815	106.786	108.763	N/A	N/A	-1.977	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2422MHz, Ant 0	

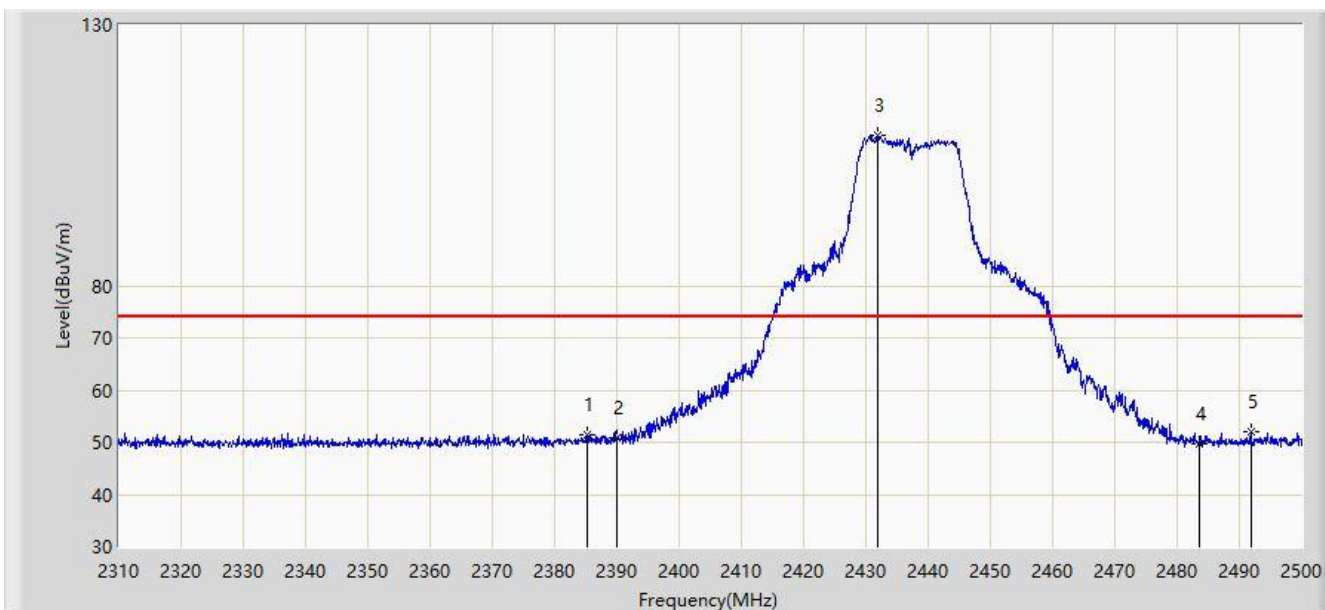


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.379	46.221	-9.621	54.000	-1.842	AV
2		*	2427.364	96.738	98.717	N/A	N/A	-1.979	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz, Ant 0	

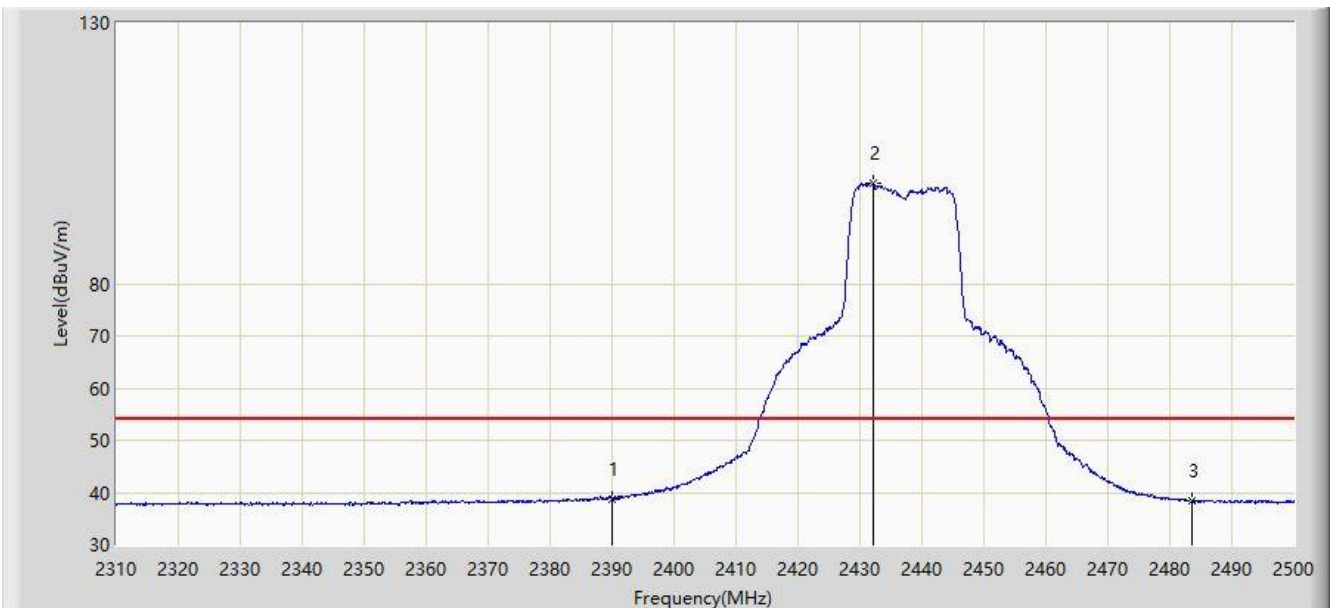


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.145	51.393	53.222	-22.607	74.000	-1.829	PK
2			2390.000	50.738	52.580	-23.262	74.000	-1.842	PK
3		*	2431.885	108.731	110.728	N/A	N/A	-1.997	PK
4			2483.500	49.844	51.921	-24.156	74.000	-2.077	PK
5			2491.925	51.957	54.035	-22.043	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz, Ant 0	

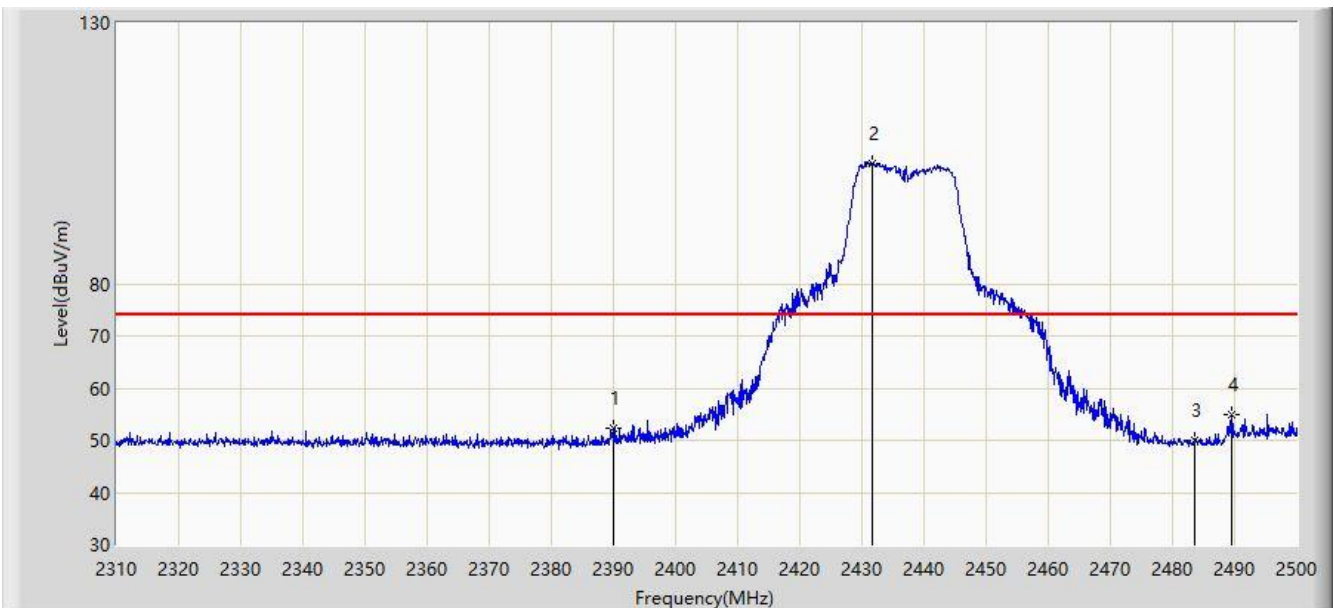


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	38.730	40.572	-15.270	54.000	-1.842	AV
2		*	2432.075	99.161	101.159	N/A	N/A	-1.998	AV
3			2483.500	38.494	40.571	-15.506	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz, Ant 0	

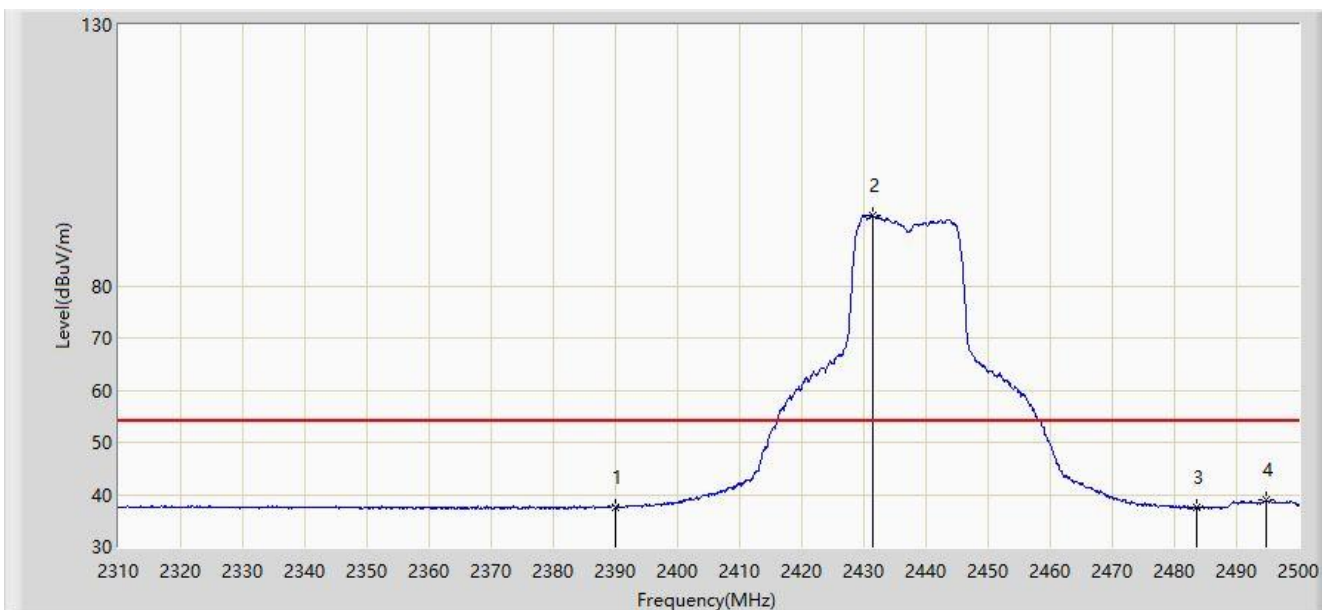


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.235	54.077	-21.765	74.000	-1.842	PK
2		*	2431.695	103.181	105.178	N/A	N/A	-1.997	PK
3			2483.500	49.969	52.046	-24.031	74.000	-2.077	PK
4			2489.455	54.785	56.863	-19.215	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz, Ant 0	

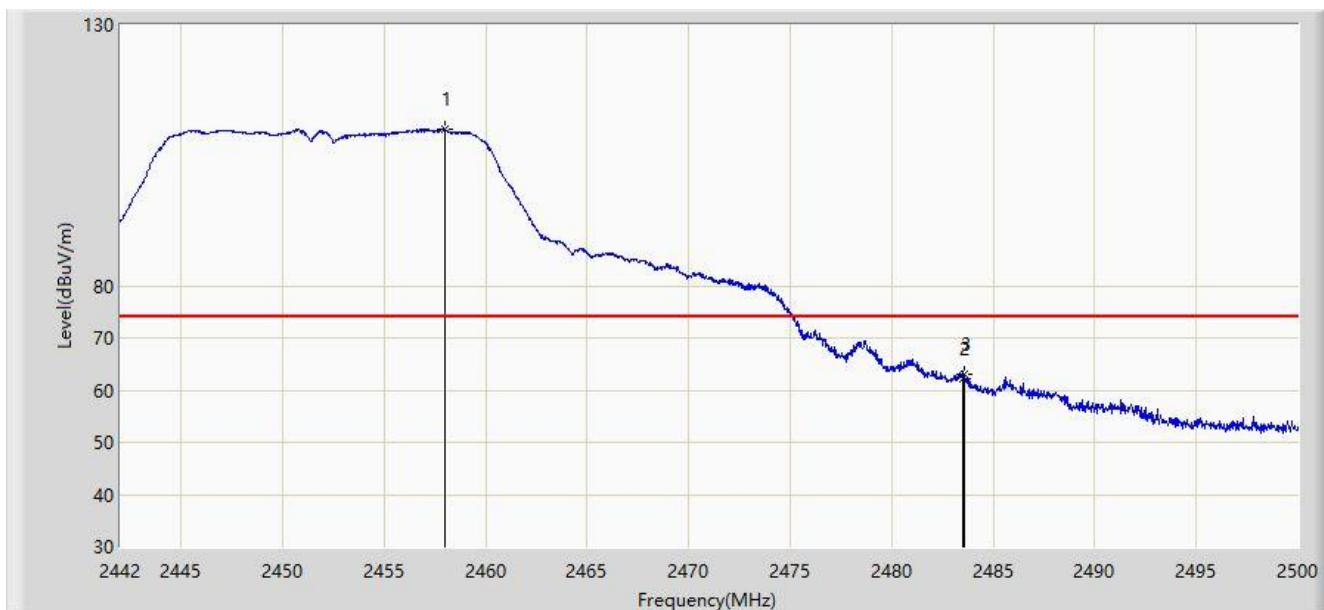


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	37.557	39.399	-16.443	54.000	-1.842	AV
2		*	2431.315	93.344	95.339	N/A	N/A	-1.995	AV
3			2483.500	37.528	39.605	-16.472	54.000	-2.077	AV
4			2494.775	38.918	40.997	-15.082	54.000	-2.078	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz, Ant 0	

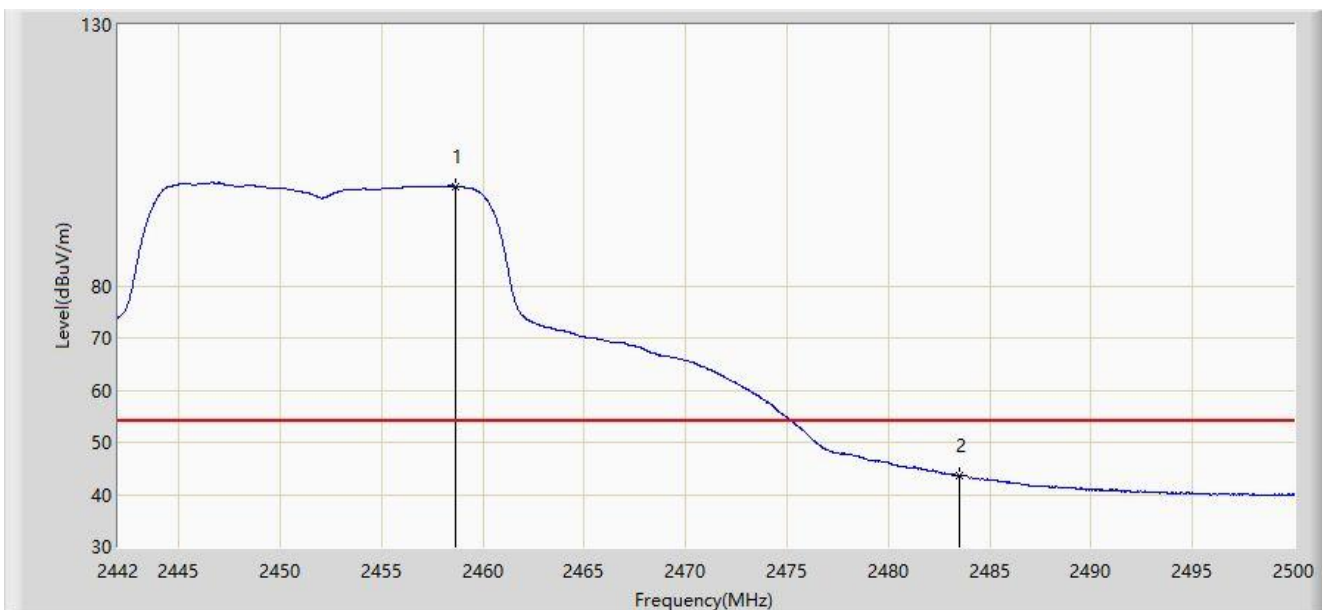


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.979	109.995	112.061	N/A	N/A	-2.066	PK
2			2483.500	62.259	64.336	-11.741	74.000	-2.077	PK
3			2483.586	63.124	65.201	-10.876	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz, Ant 0	

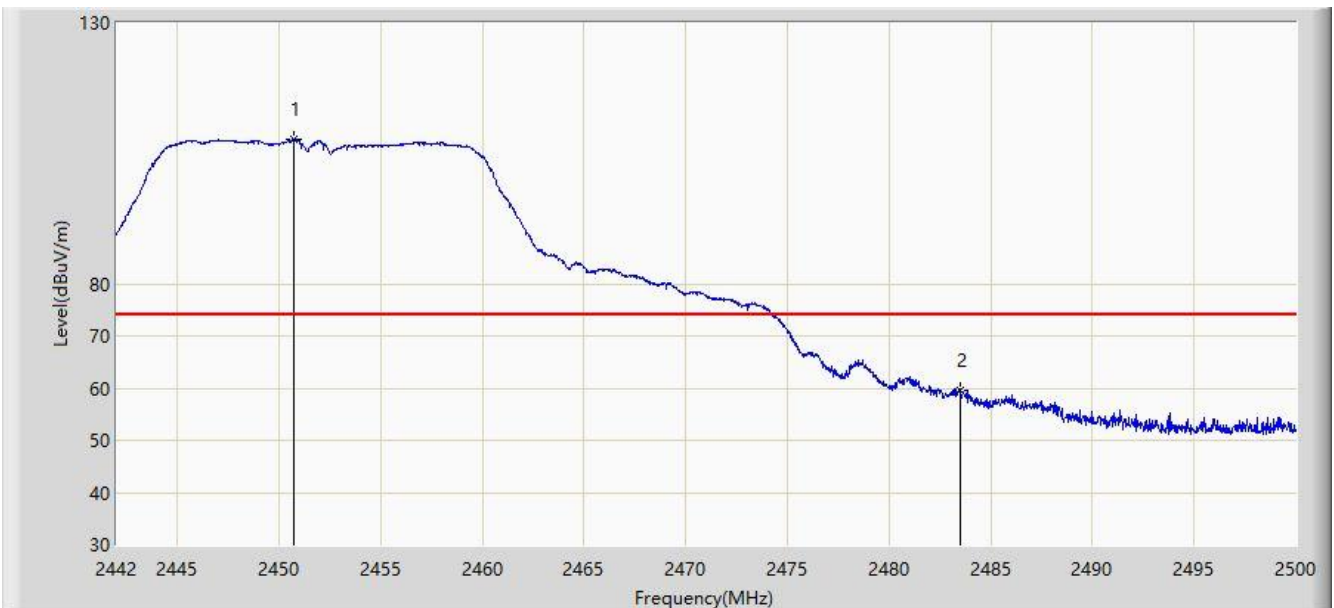


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.646	99.113	101.180	N/A	N/A	-2.068	AV
2			2483.500	43.715	45.792	-10.285	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz, Ant 0	

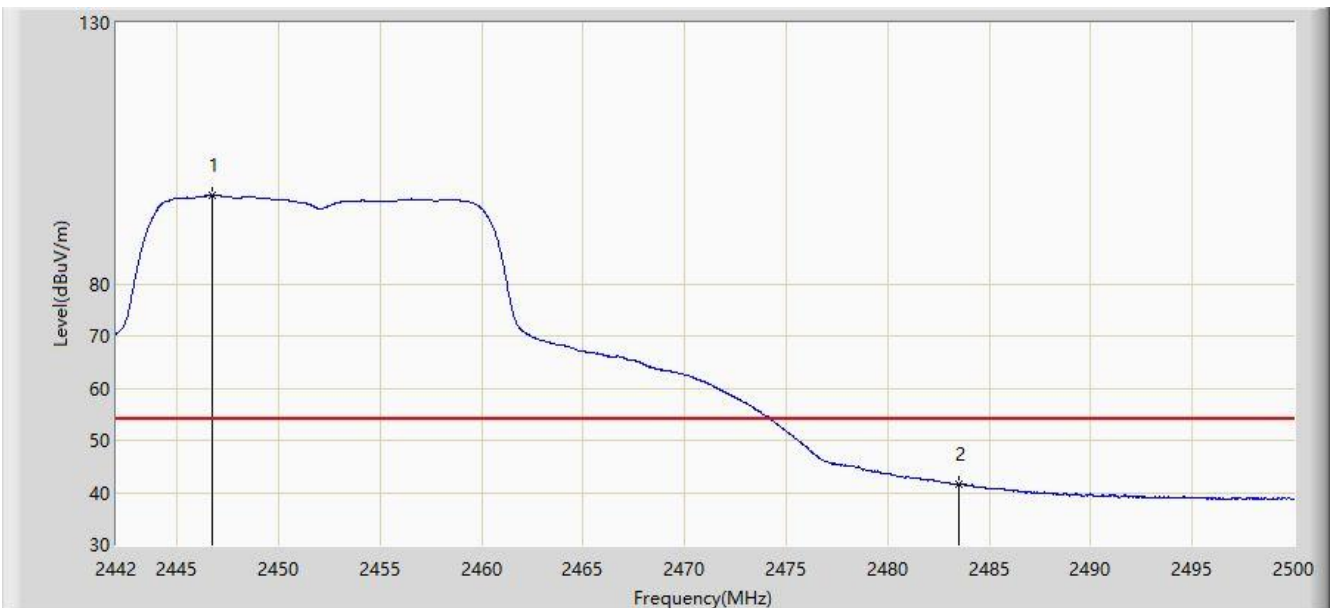


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.729	107.663	109.719	N/A	N/A	-2.057	PK
2			2483.500	59.451	61.528	-14.549	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2452MHz, Ant 0	

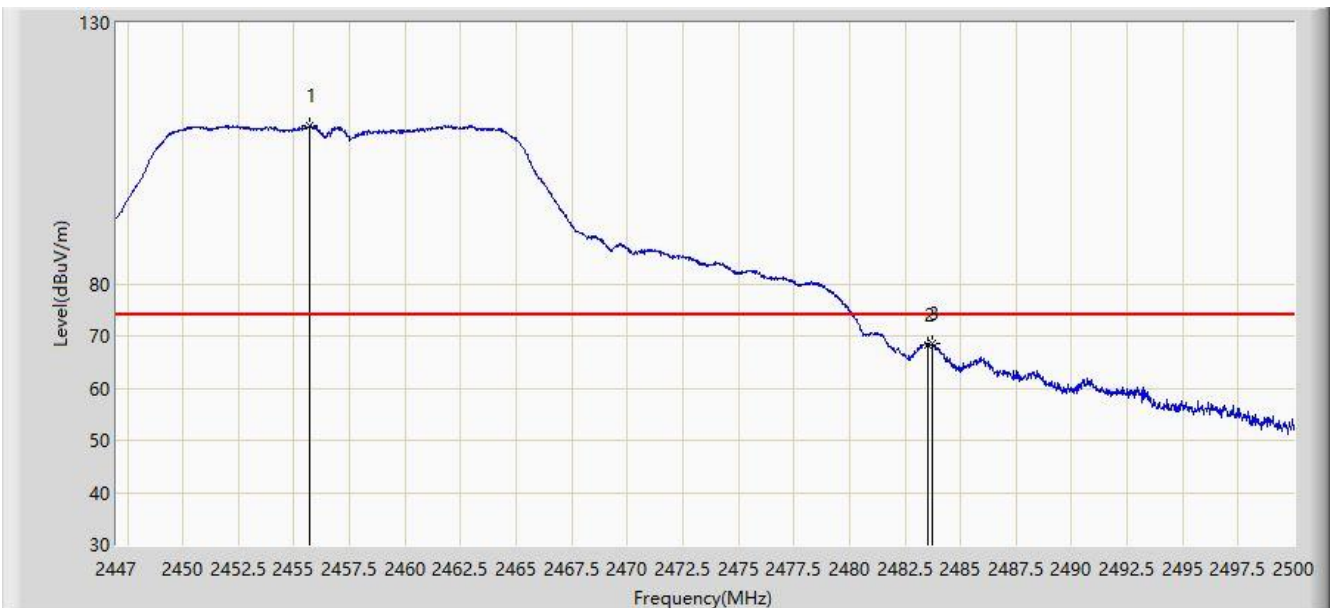


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.756	96.933	98.985	N/A	N/A	-2.053	AV
2			2483.500	41.507	43.584	-12.493	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz, Ant 0	

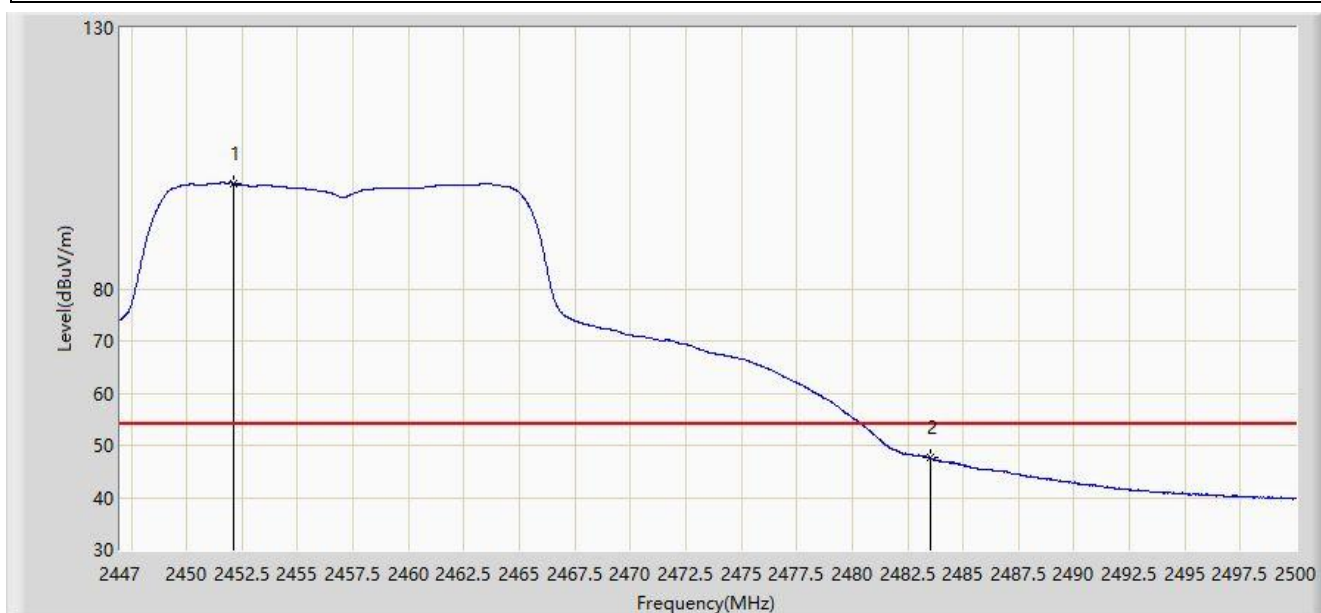


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.719	110.343	112.406	N/A	N/A	-2.063	PK
2			2483.500	68.307	70.384	-5.693	74.000	-2.077	PK
3			2483.756	68.581	70.658	-5.419	74.000	-2.076	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz, Ant 0	

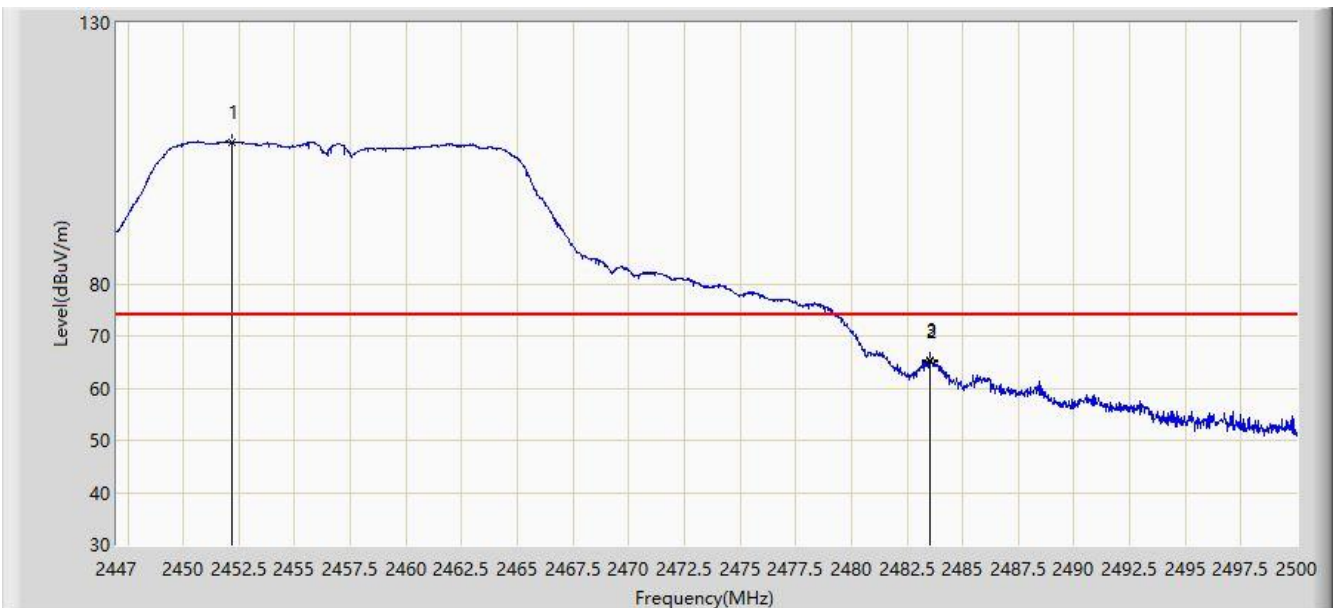


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.088	100.248	102.306	N/A	N/A	-2.058	AV
2			2483.500	47.615	49.692	-6.385	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz, Ant 0	

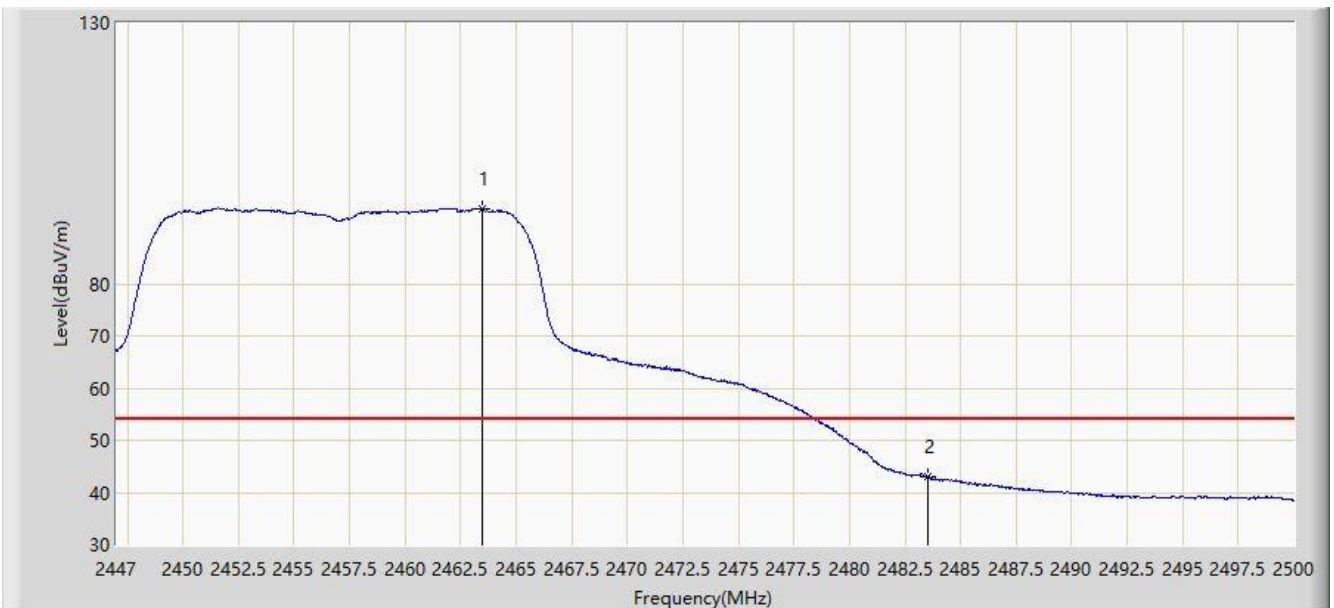


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.167	107.176	109.234	N/A	N/A	-2.058	PK
2			2483.500	64.959	67.036	-9.041	74.000	-2.077	PK
3			2483.543	65.421	67.498	-8.579	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz, Ant 0	

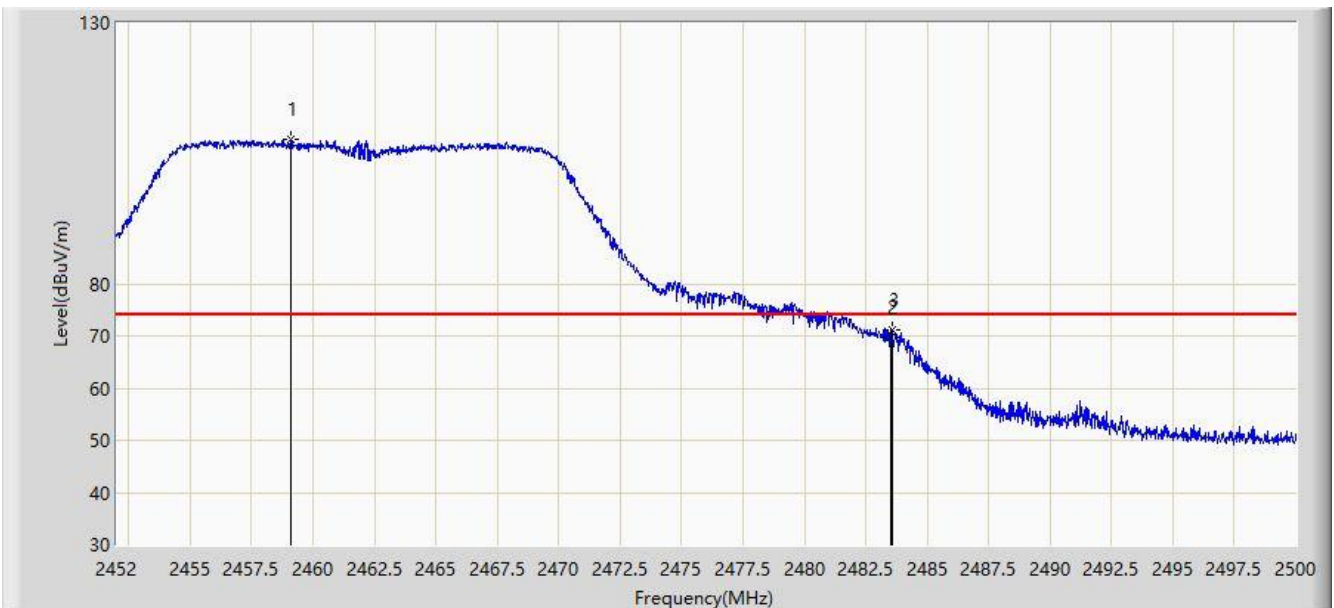


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.457	94.475	96.547	N/A	N/A	-2.072	AV
2			2483.500	43.012	45.089	-10.988	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

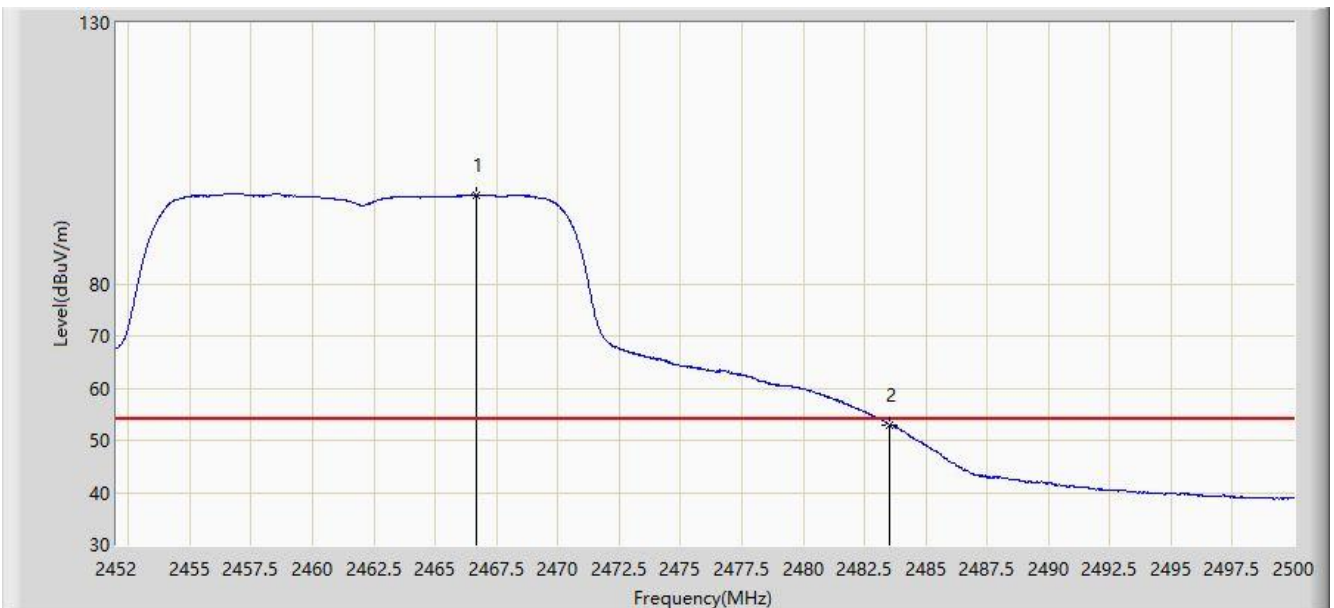


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.080	107.667	109.735	N/A	N/A	-2.068	PK
2			2483.500	69.648	71.725	-4.352	74.000	-2.077	PK
3			2483.584	71.120	73.197	-2.880	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

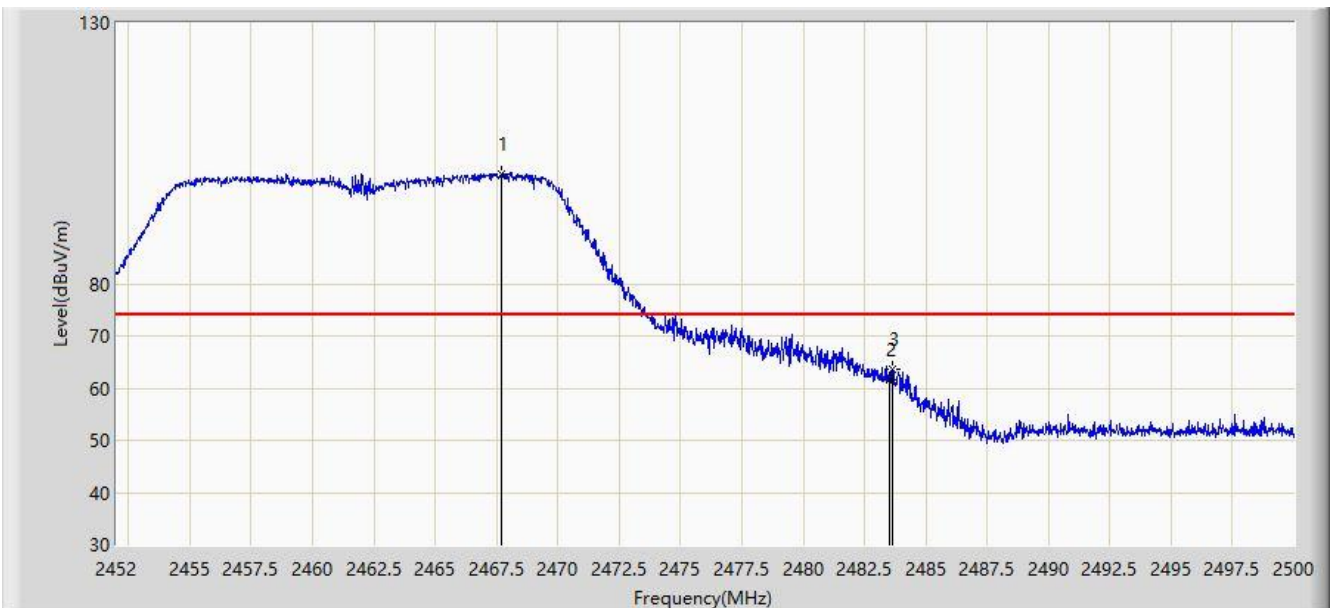


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.688	96.950	99.023	N/A	N/A	-2.073	AV
2			2483.500	53.027	55.104	-0.973	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

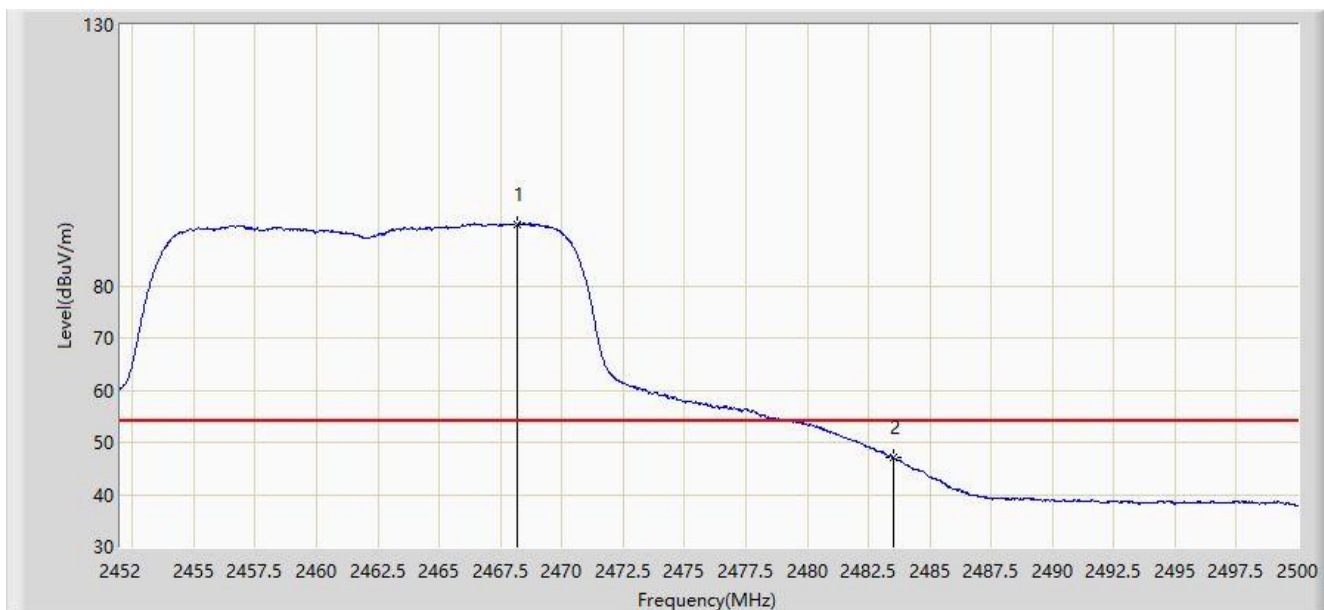


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.696	101.072	103.146	N/A	N/A	-2.074	PK
2			2483.500	61.547	63.624	-12.453	74.000	-2.077	PK
3			2483.632	63.718	65.795	-10.282	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

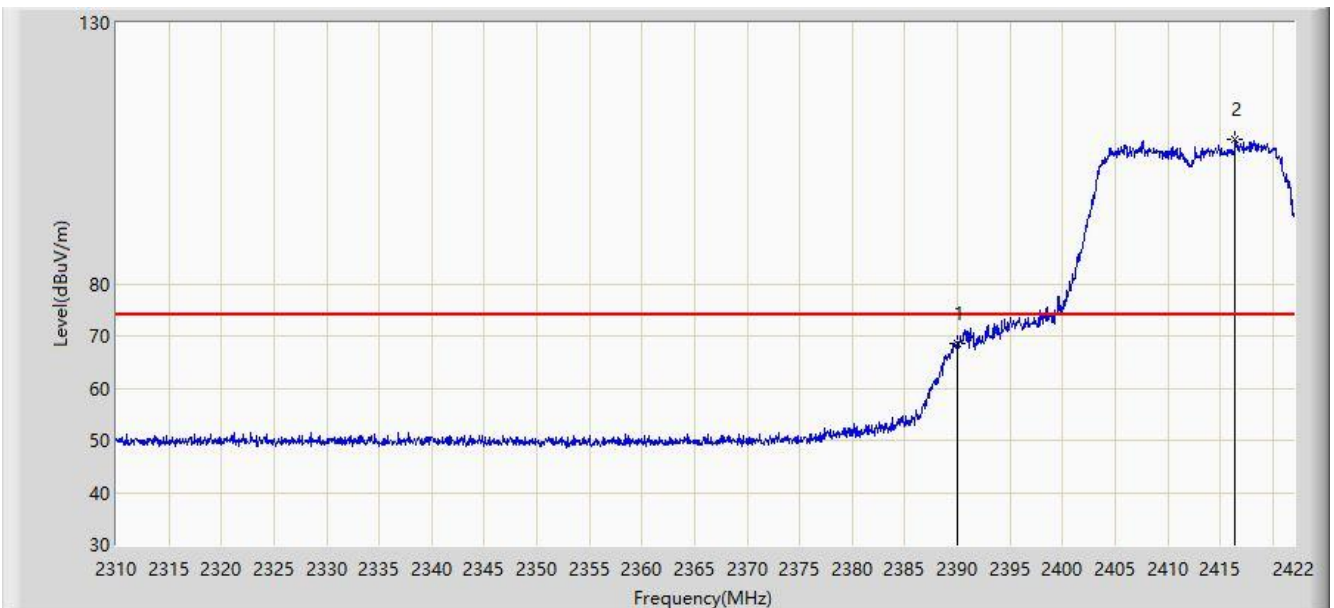


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2468.200	91.786	93.860	N/A	N/A	-2.073	AV
2			2483.500	47.076	49.153	-6.924	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0 + 1	

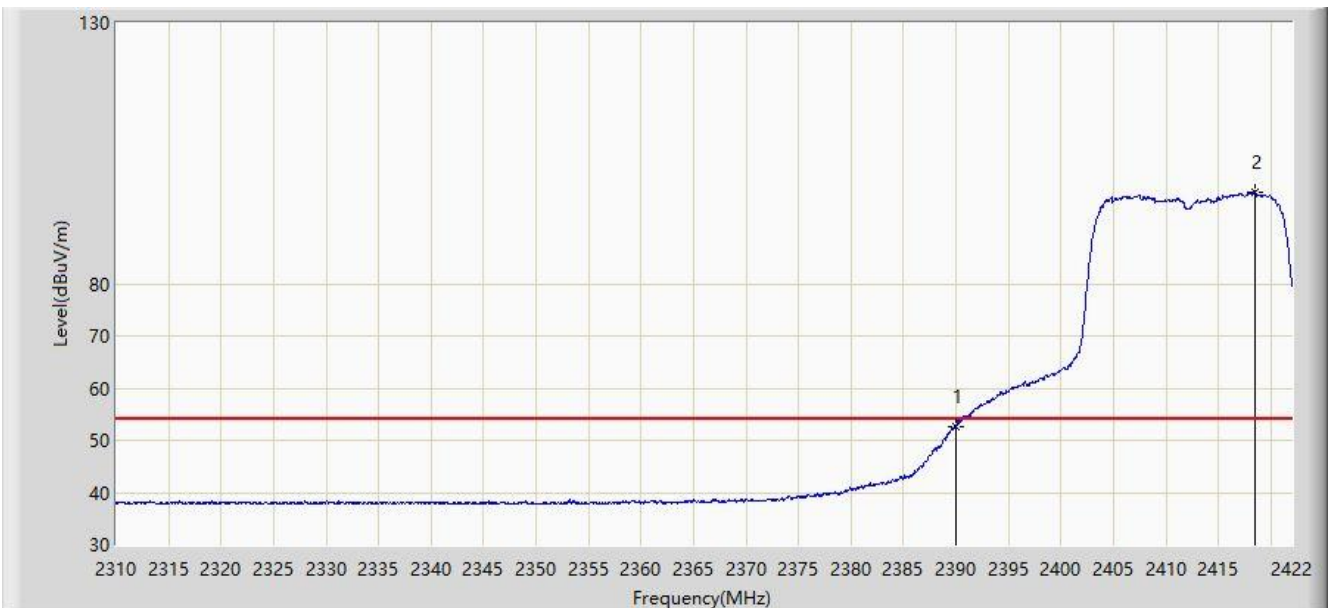


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	68.682	70.524	-5.318	74.000	-1.842	PK
2		*	2416.456	107.817	109.753	N/A	N/A	-1.936	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0 + 1	

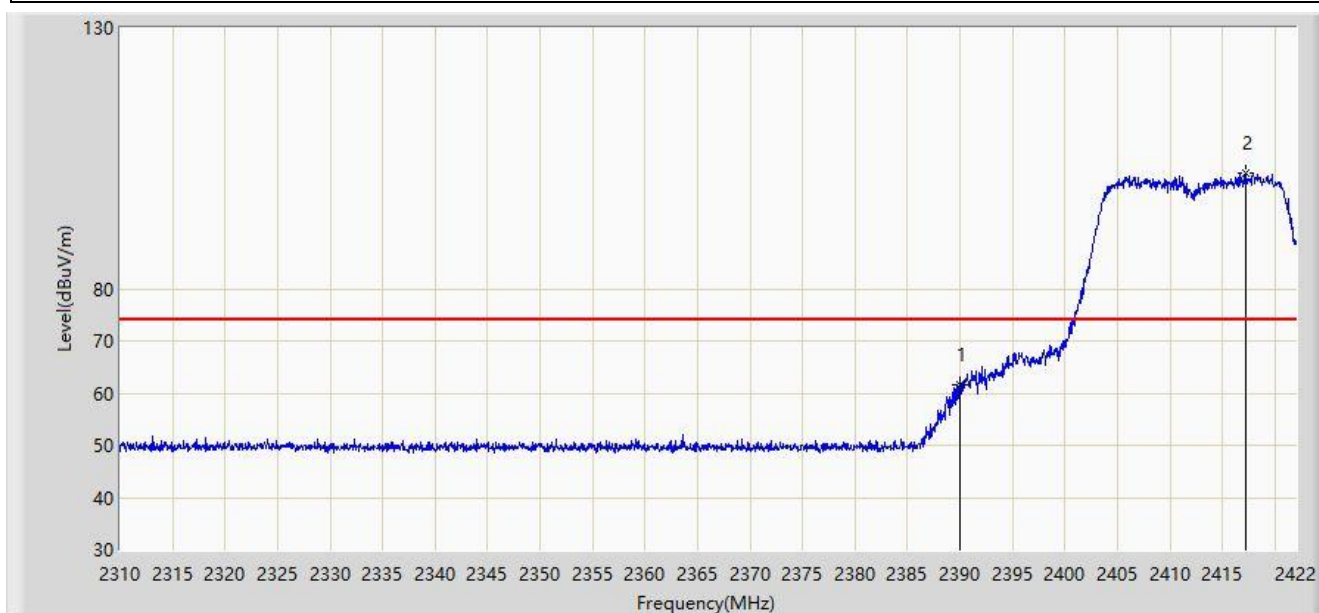


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.673	54.515	-1.327	54.000	-1.842	AV
2		*	2418.472	97.628	99.572	N/A	N/A	-1.944	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0 + 1	

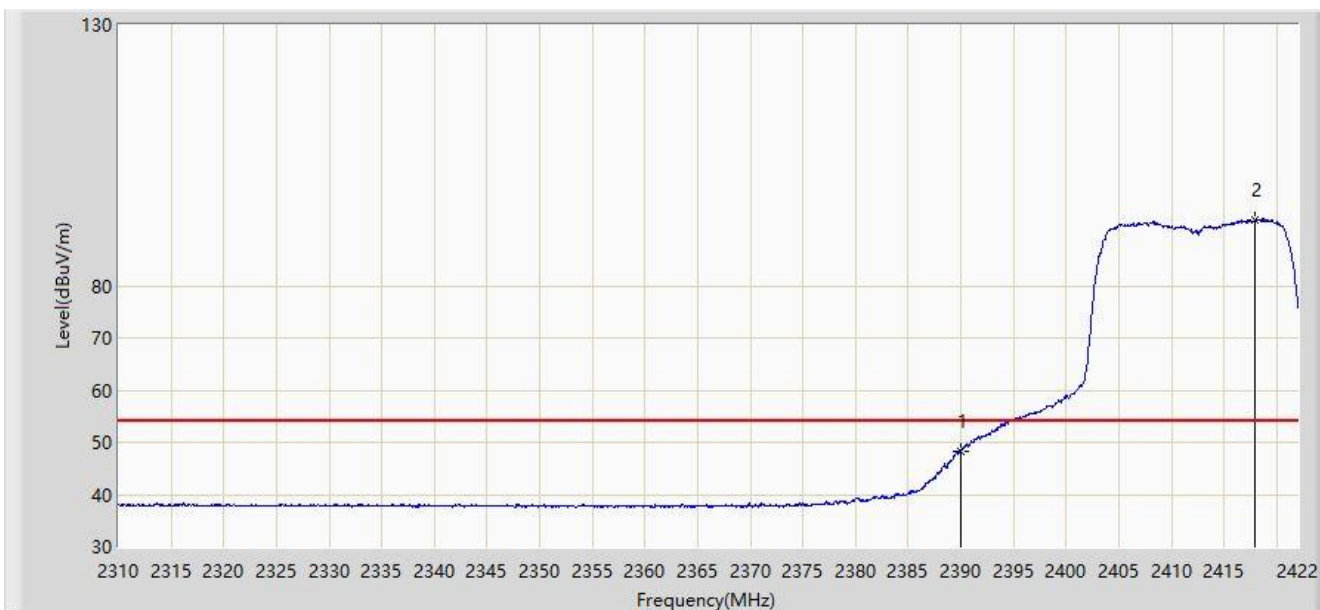


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	61.684	63.526	-12.316	74.000	-1.842	PK
2		*	2417.296	102.309	104.248	N/A	N/A	-1.939	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0 + 1	

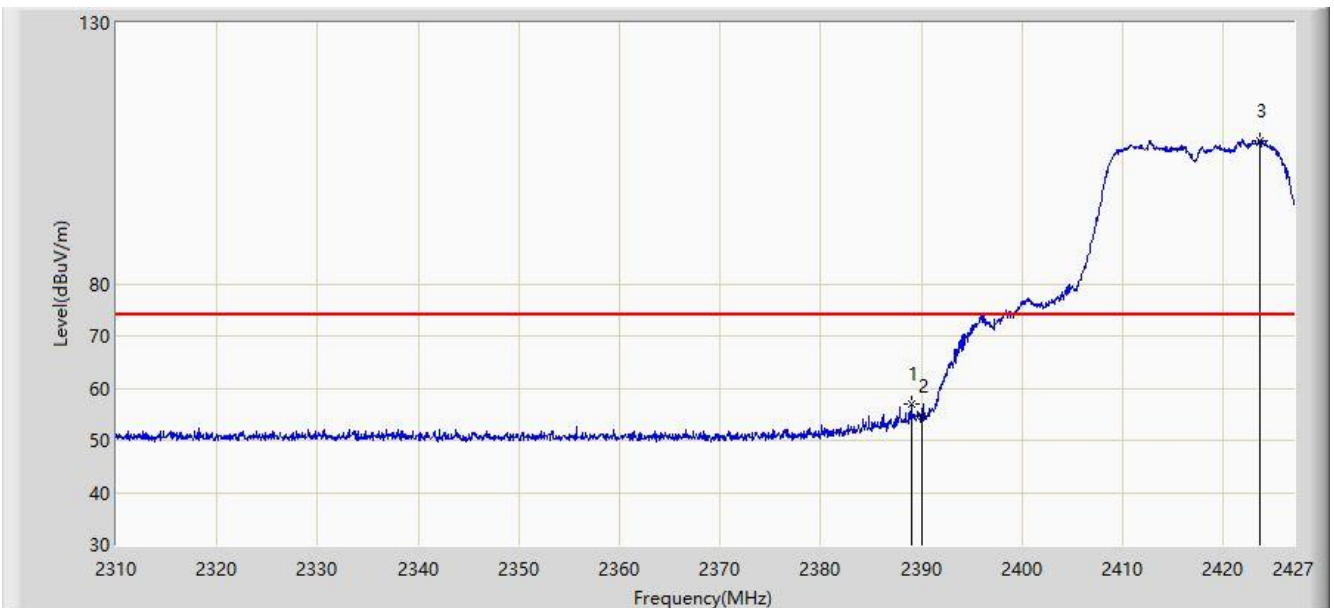


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.354	50.196	-5.646	54.000	-1.842	AV
2		*	2417.968	92.646	94.588	N/A	N/A	-1.942	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz, Ant 0 + 1	

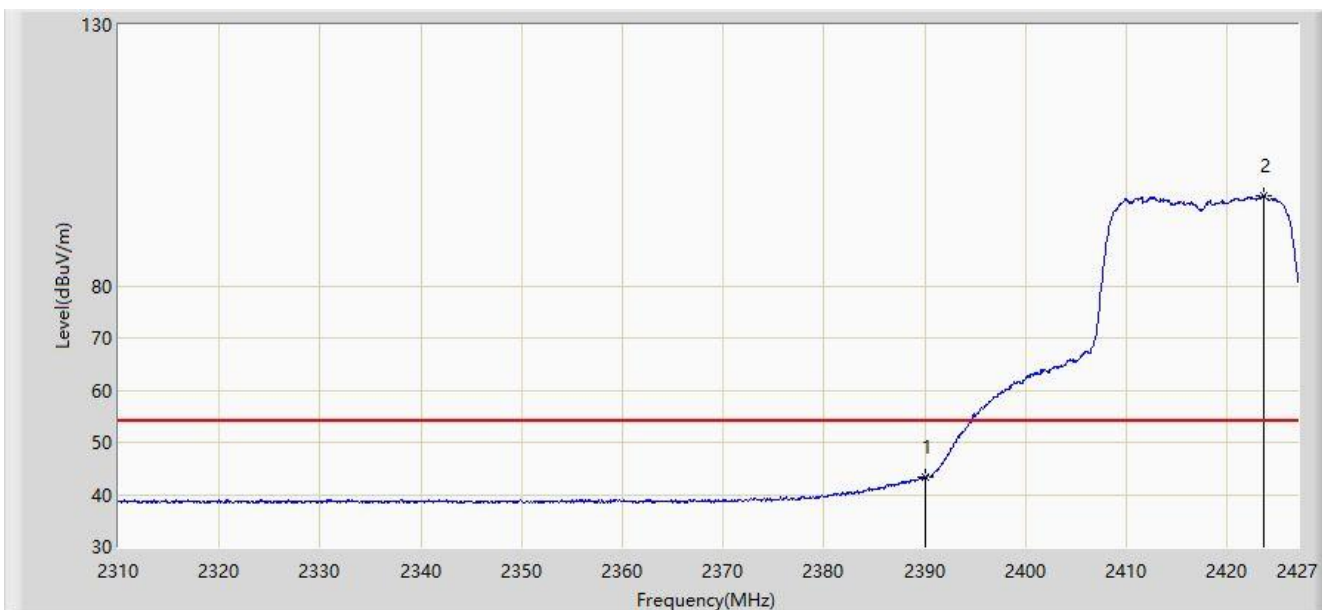


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.975	56.993	58.832	-17.007	74.000	-1.839	PK
2			2390.000	54.624	56.466	-19.376	74.000	-1.842	PK
3		*	2423.666	107.484	109.449	N/A	N/A	-1.965	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz, Ant 0 + 1	

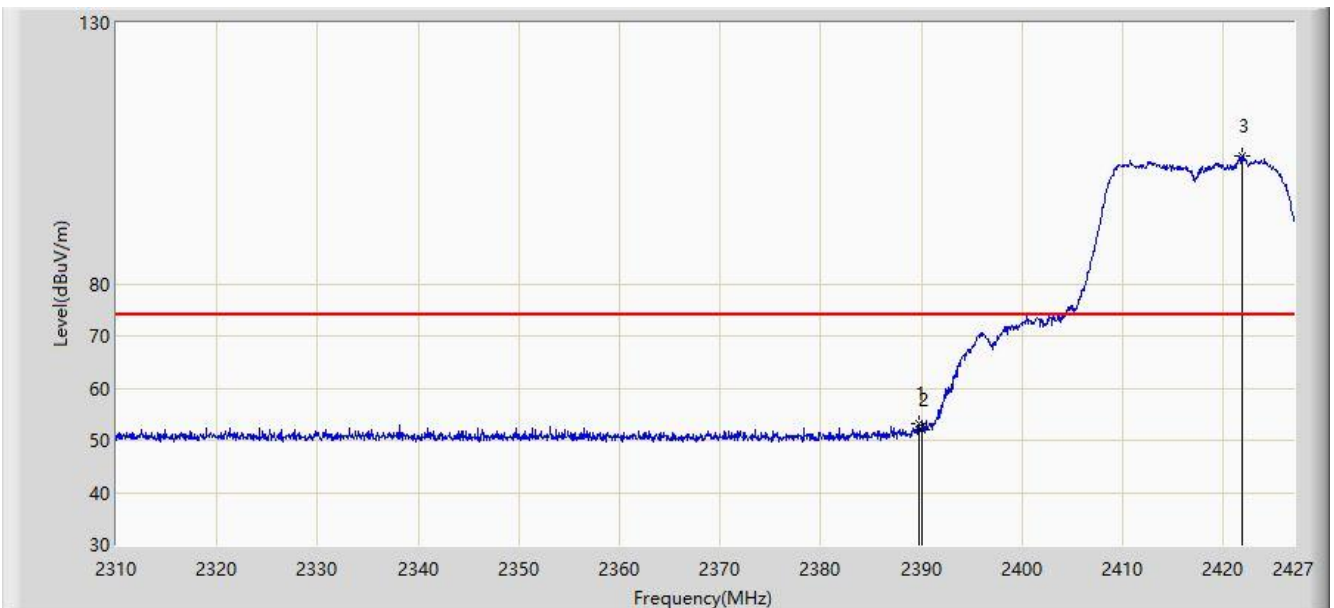


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.248	45.090	-10.752	54.000	-1.842	AV
2		*	2423.666	97.288	99.253	N/A	N/A	-1.965	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz, Ant 0 + 1	

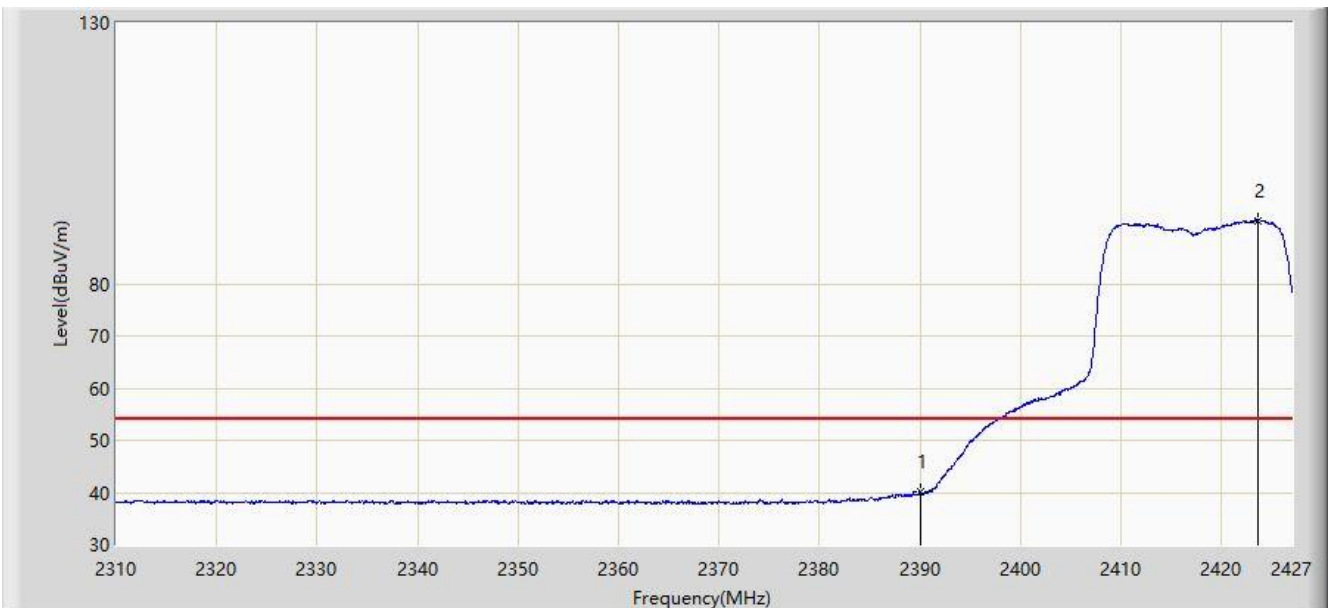


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.736	53.296	55.137	-20.704	74.000	-1.841	PK
2			2390.000	52.149	53.991	-21.851	74.000	-1.842	PK
3		*	2421.910	104.437	106.395	N/A	N/A	-1.957	PK

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

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

Site: AC1	Time: 2019/02/28 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz, Ant 0 + 1	

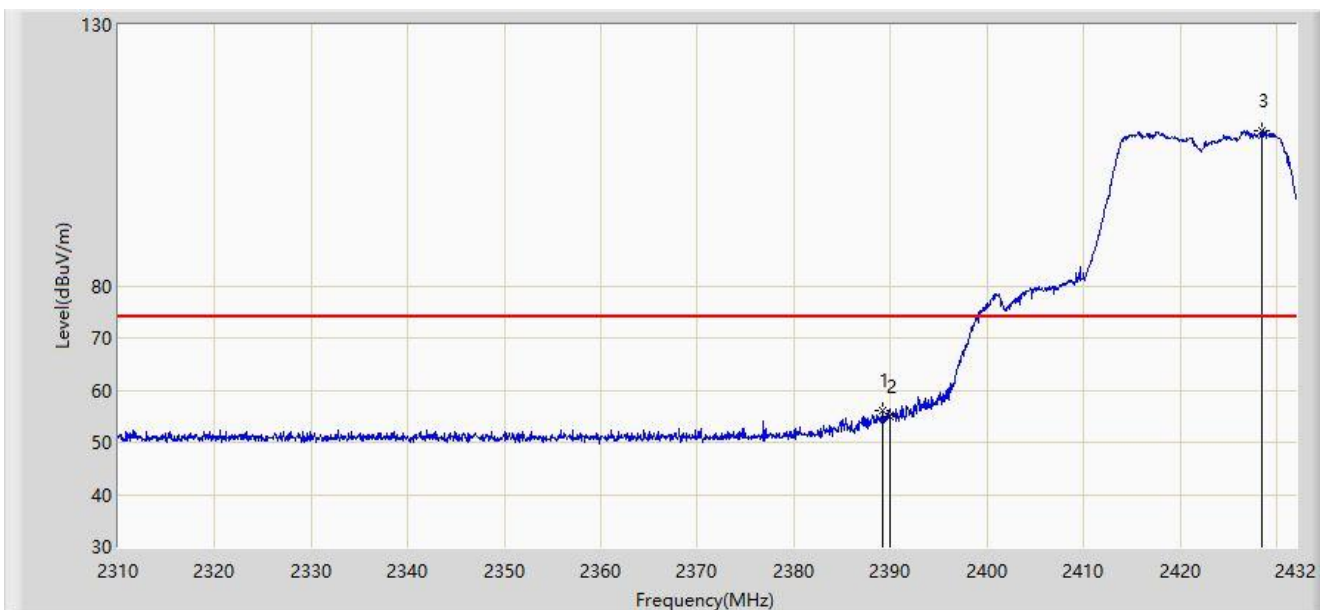


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	40.015	41.857	-13.985	54.000	-1.842	AV
2		*	2423.666	92.168	94.133	N/A	N/A	-1.965	AV

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

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

Site: AC1	Time: 2019/02/28 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz, Ant 0 + 1	

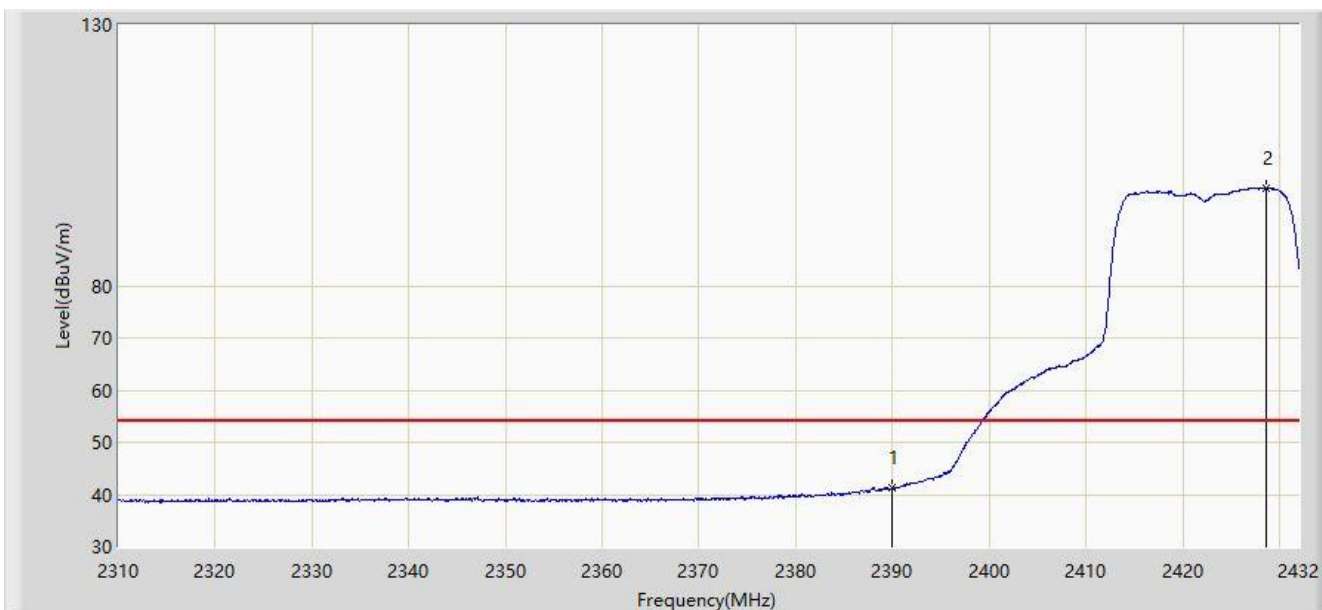


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.239	55.984	57.824	-18.016	74.000	-1.840	PK
2			2390.000	54.835	56.677	-19.165	74.000	-1.842	PK
3		*	2428.523	109.704	111.688	N/A	N/A	-1.984	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz, Ant 0 + 1	

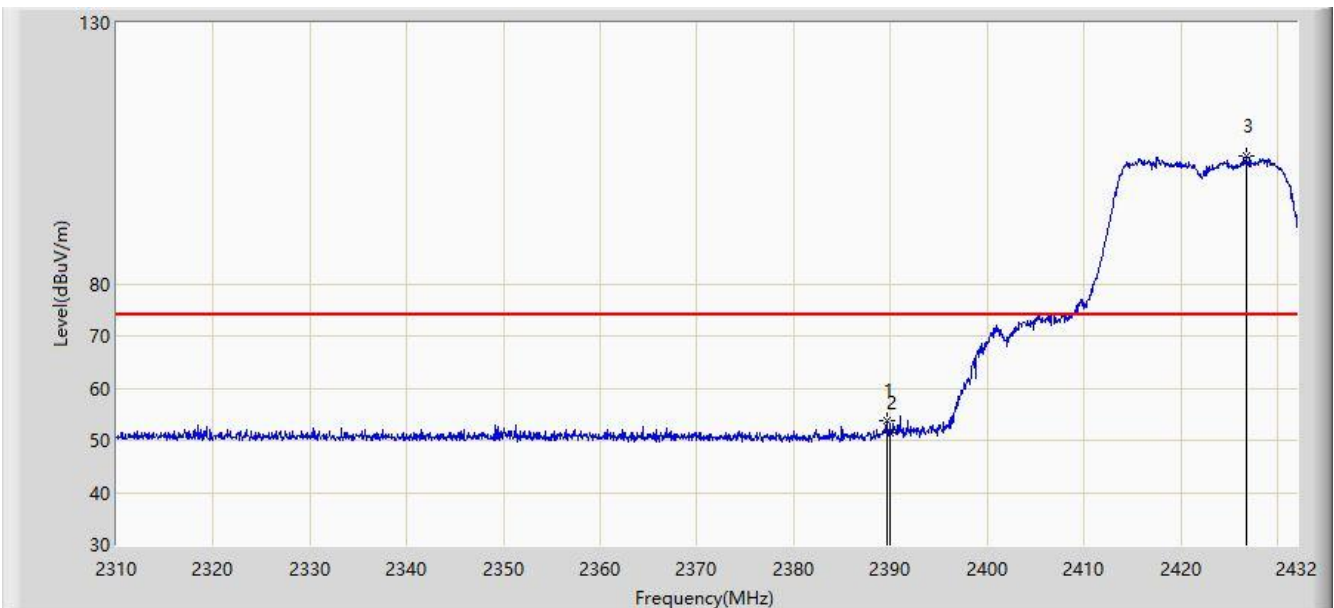


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	41.236	43.078	-12.764	54.000	-1.842	AV
2		*	2428.706	98.790	100.775	N/A	N/A	-1.985	AV

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

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

Site: AC1	Time: 2019/02/28 - 03:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz, Ant 0 + 1	

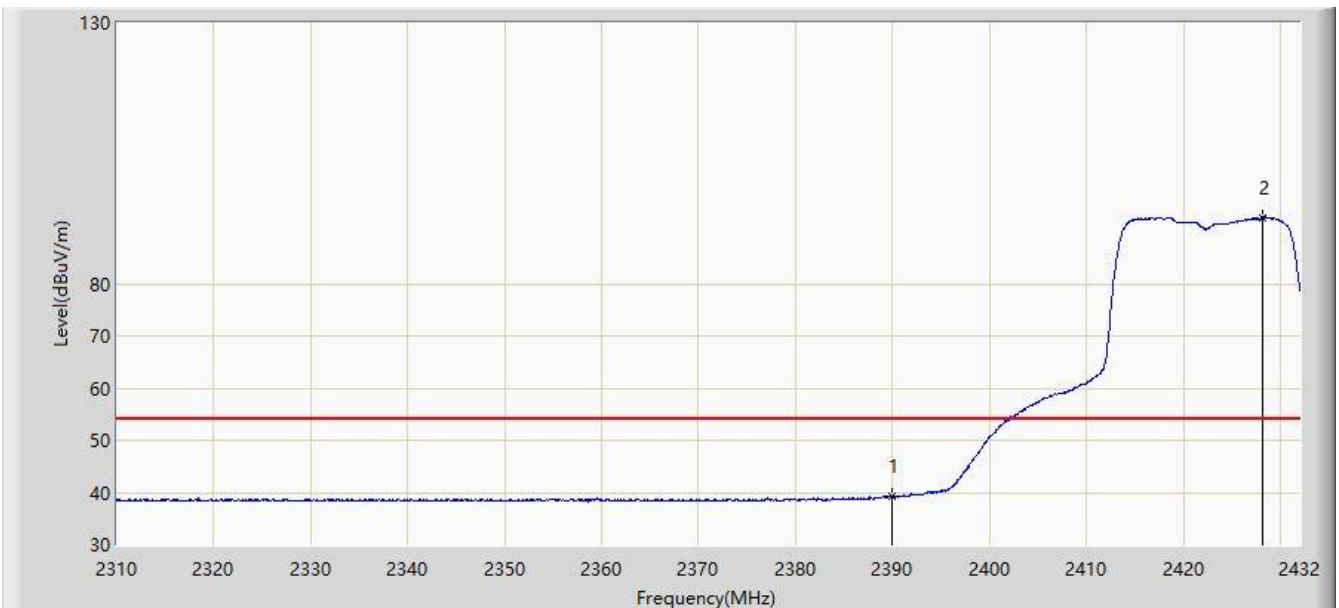


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.727	53.808	55.649	-20.192	74.000	-1.841	PK
2			2390.000	51.326	53.168	-22.674	74.000	-1.842	PK
3		*	2426.876	104.385	106.362	N/A	N/A	-1.977	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz, Ant 0 + 1	

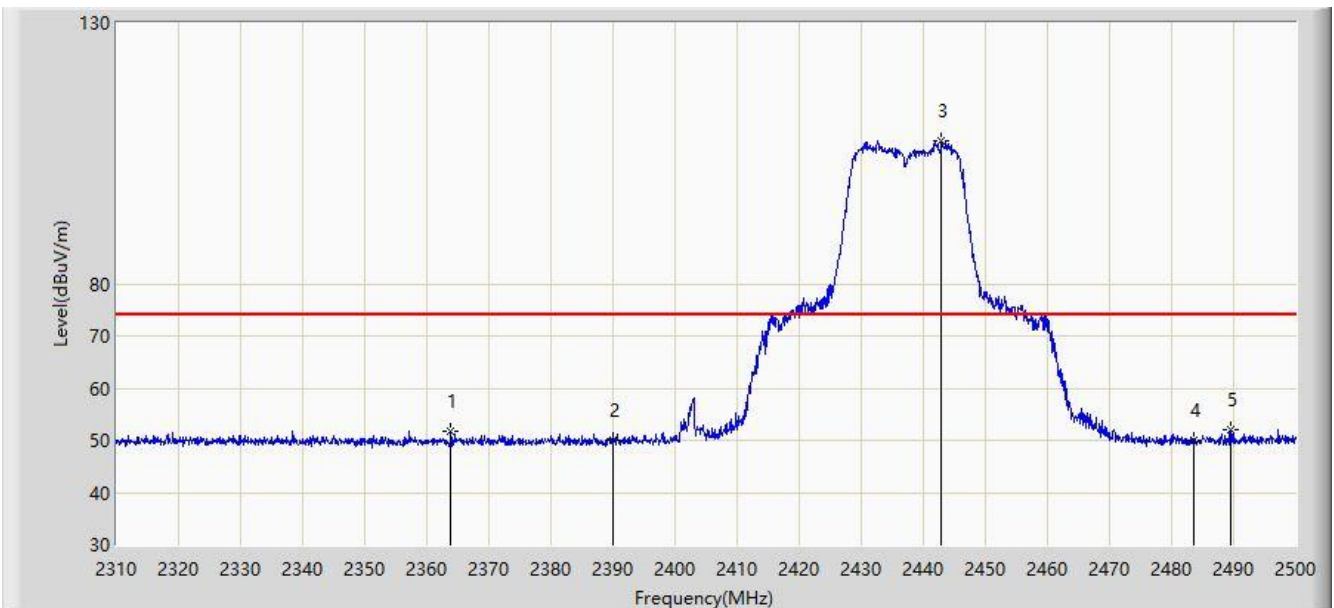


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	39.236	41.078	-14.764	54.000	-1.842	AV
2		*	2428.157	92.590	94.572	N/A	N/A	-1.982	AV

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

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

Site: AC1	Time: 2019/02/21 - 19:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz, Ant 0 + 1	

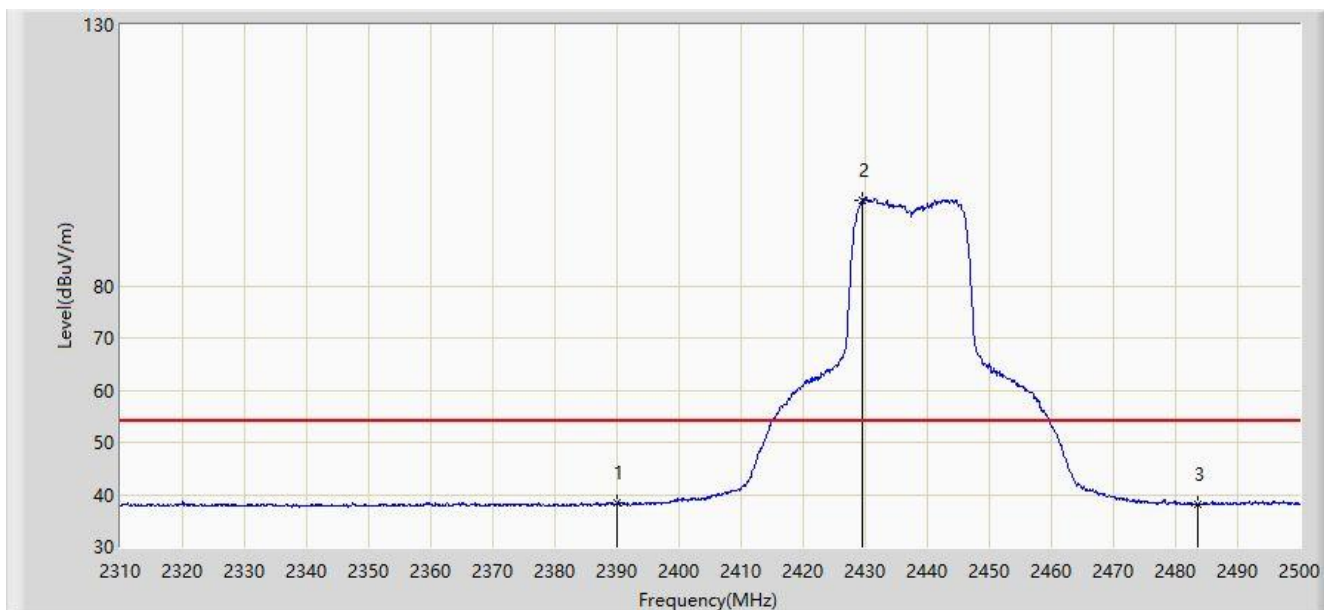


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2363.865	51.643	53.412	-22.357	74.000	-1.769	PK
2			2390.000	50.060	51.902	-23.940	74.000	-1.842	PK
3		*	2442.905	107.526	109.568	N/A	N/A	-2.042	PK
4			2483.500	49.959	52.036	-24.041	74.000	-2.077	PK
5			2489.550	51.900	53.978	-22.100	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/21 - 19:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz, Ant 0 + 1	

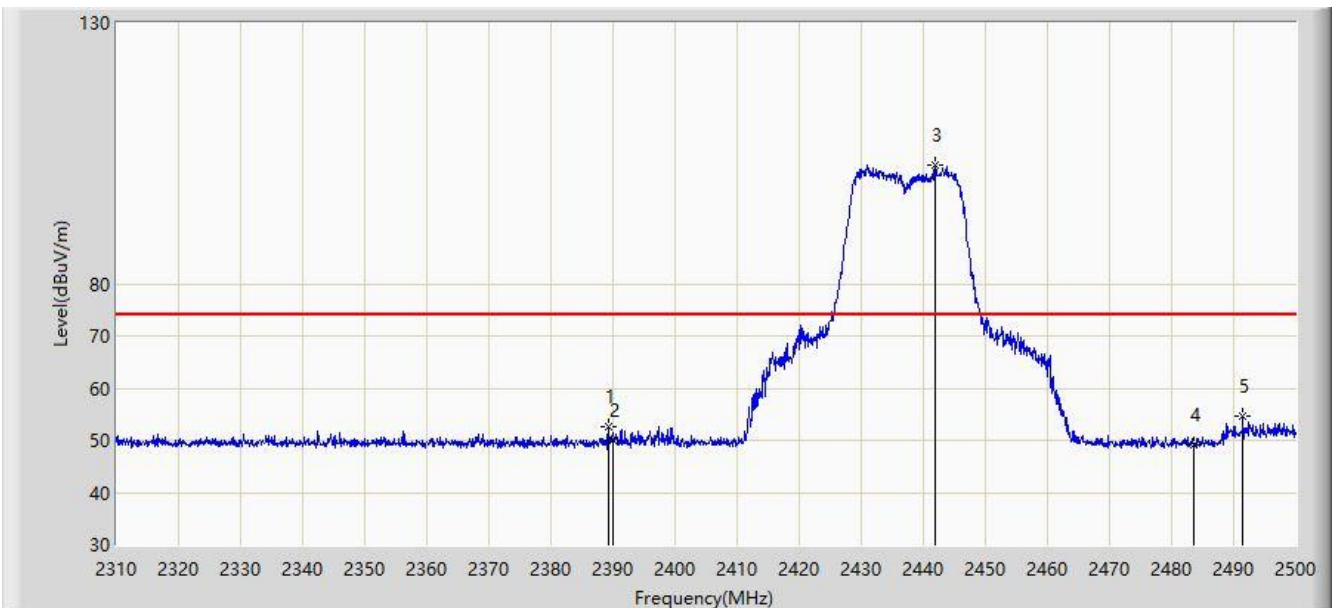


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	38.306	40.148	-15.694	54.000	-1.842	AV
2		*	2429.510	96.431	98.419	N/A	N/A	-1.989	AV
3			2483.500	38.000	40.077	-16.000	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 20:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz, Ant 0 + 1	

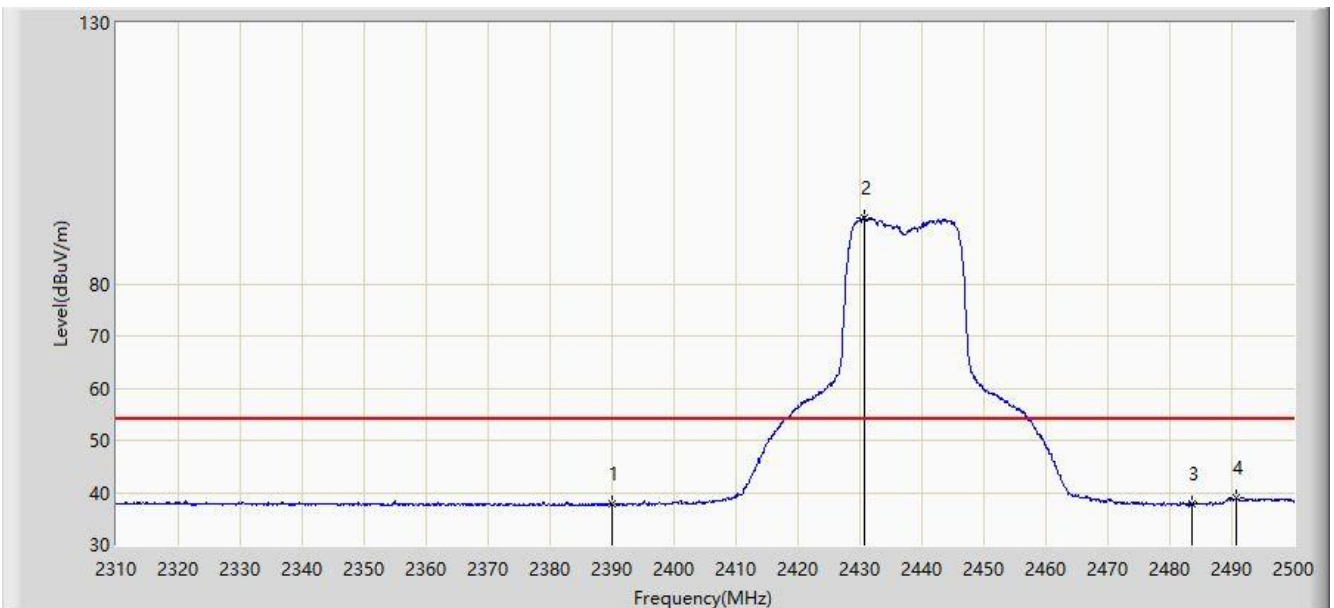


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.230	52.570	54.410	-21.430	74.000	-1.840	PK
2			2390.000	49.900	51.742	-24.100	74.000	-1.842	PK
3		*	2441.860	102.885	104.923	N/A	N/A	-2.038	PK
4			2483.500	49.084	51.161	-24.916	74.000	-2.077	PK
5			2491.545	54.730	56.808	-19.270	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/21 - 20:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz, Ant 0 + 1	

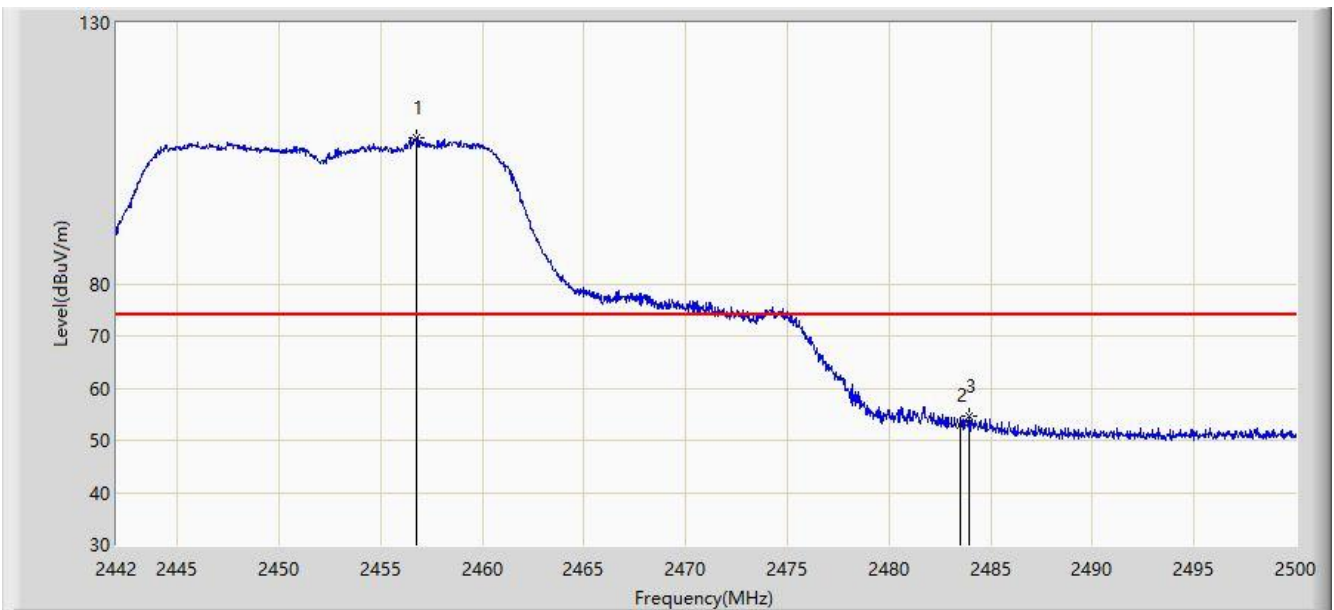


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	37.802	39.644	-16.198	54.000	-1.842	AV
2		*	2430.745	92.630	94.623	N/A	N/A	-1.993	AV
3			2483.500	37.814	39.891	-16.186	54.000	-2.077	AV
4			2490.785	38.892	40.970	-15.108	54.000	-2.078	AV

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

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

Site: AC1	Time: 2019/02/28 - 03:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2452MHz, Ant 0 + 1	

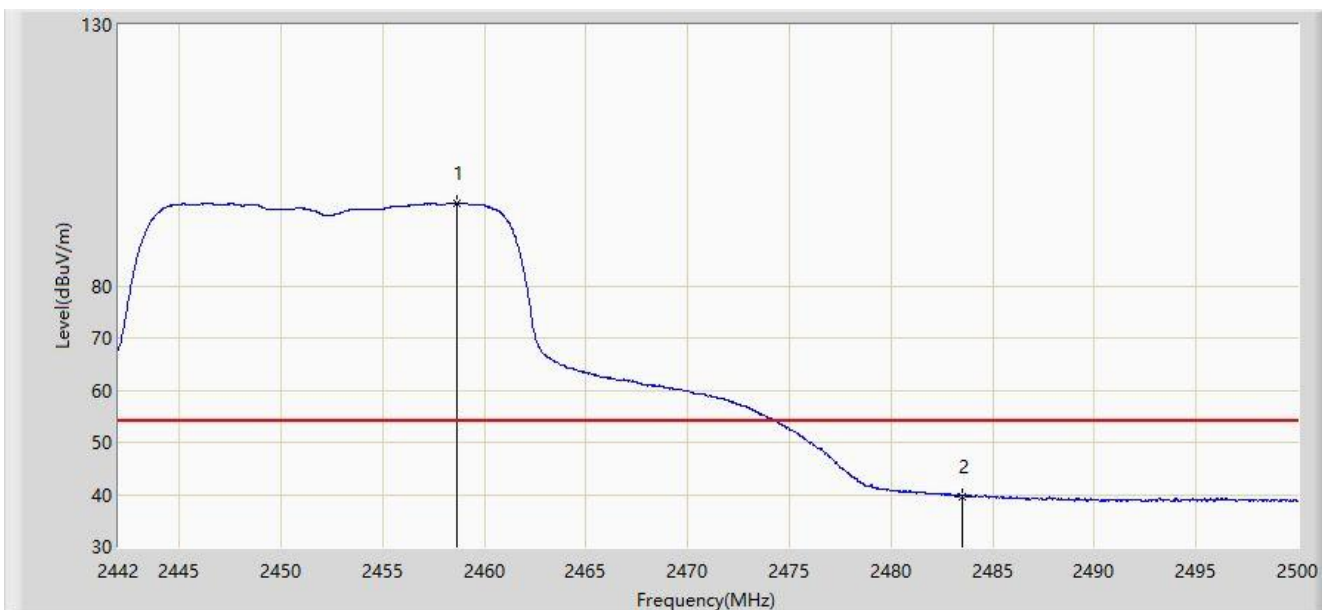


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.790	107.946	110.011	N/A	N/A	-2.065	PK
2			2483.500	53.009	55.086	-20.991	74.000	-2.077	PK
3			2483.934	54.600	56.677	-19.400	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2452MHz, Ant 0 + 1	

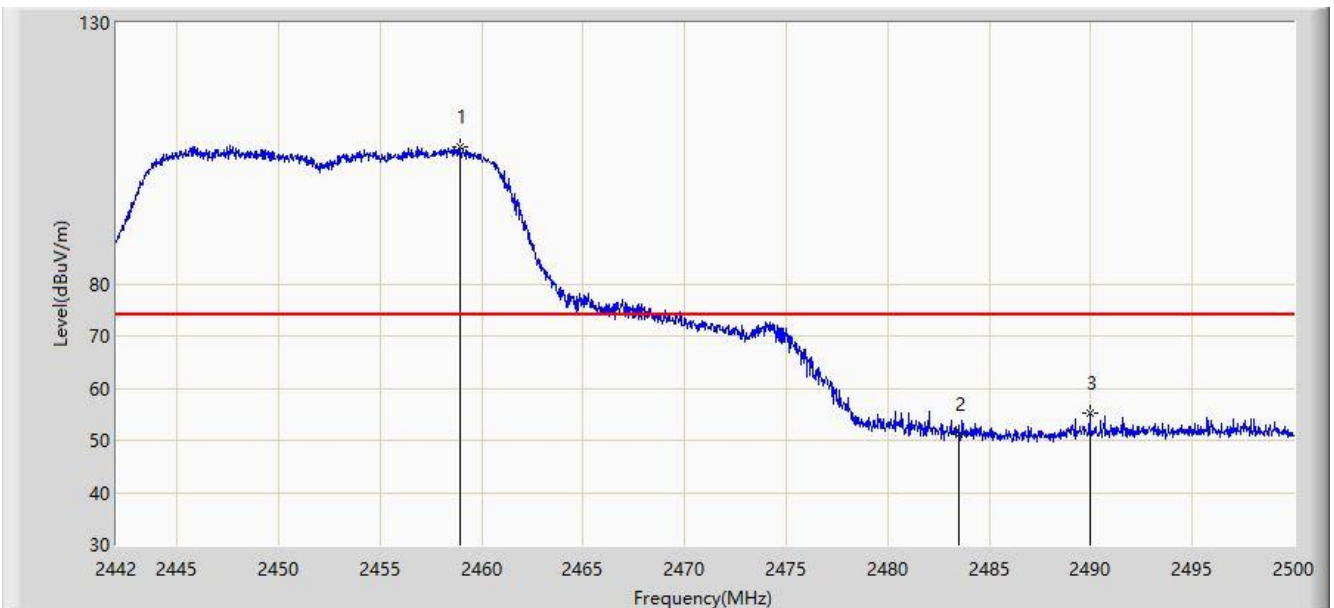


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.646	95.822	97.889	N/A	N/A	-2.068	AV
2			2483.500	39.687	41.764	-14.313	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 03:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2452MHz, Ant 0 + 1	

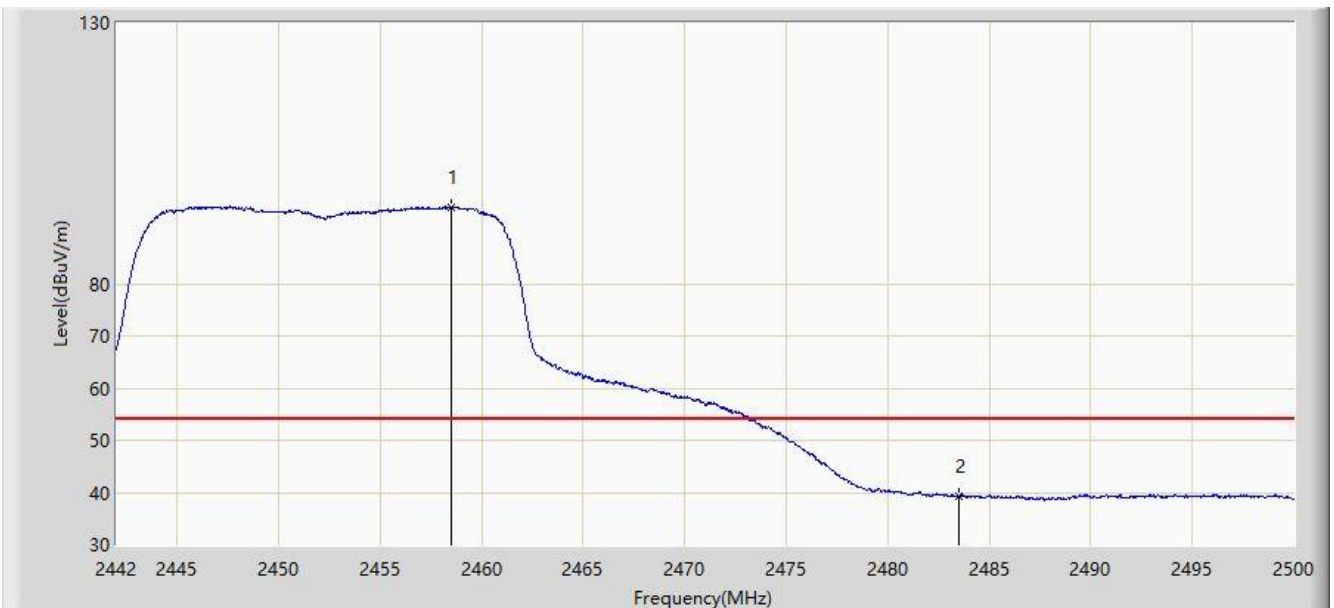


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.907	106.120	108.188	N/A	N/A	-2.068	PK
2			2483.500	51.023	53.100	-22.977	74.000	-2.077	PK
3			2489.937	55.092	57.170	-18.908	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2452MHz, Ant 0 + 1	

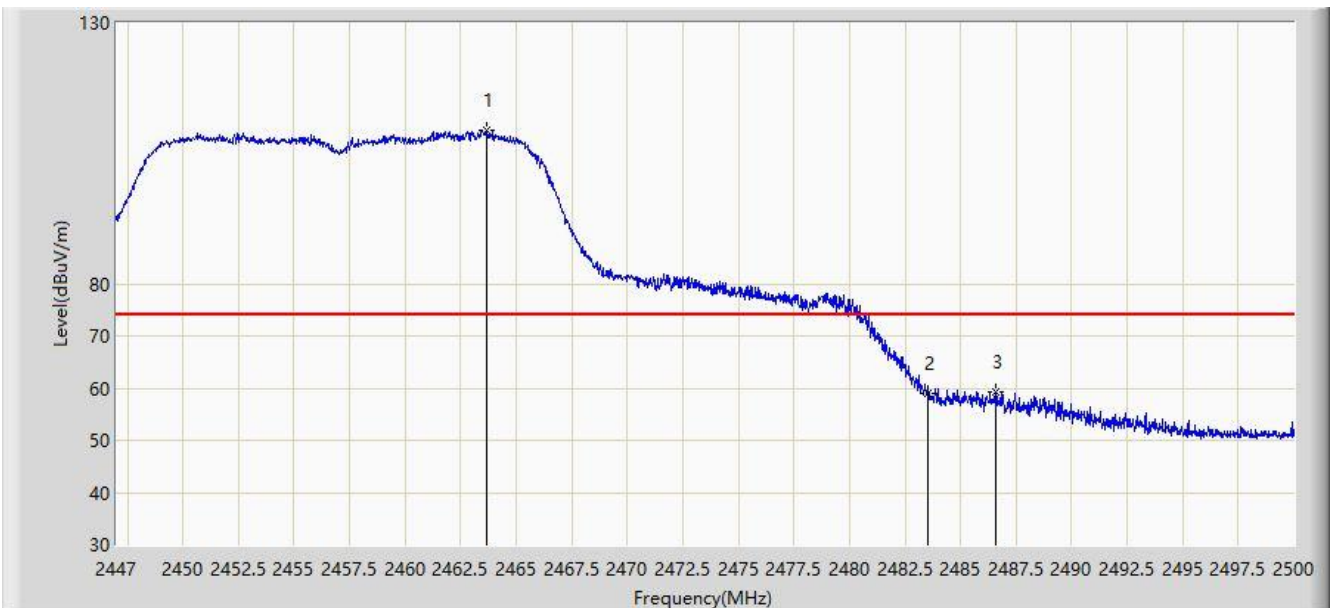


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.472	94.766	96.833	N/A	N/A	-2.067	AV
2			2483.500	39.267	41.344	-14.733	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 03:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz, Ant 0 + 1	

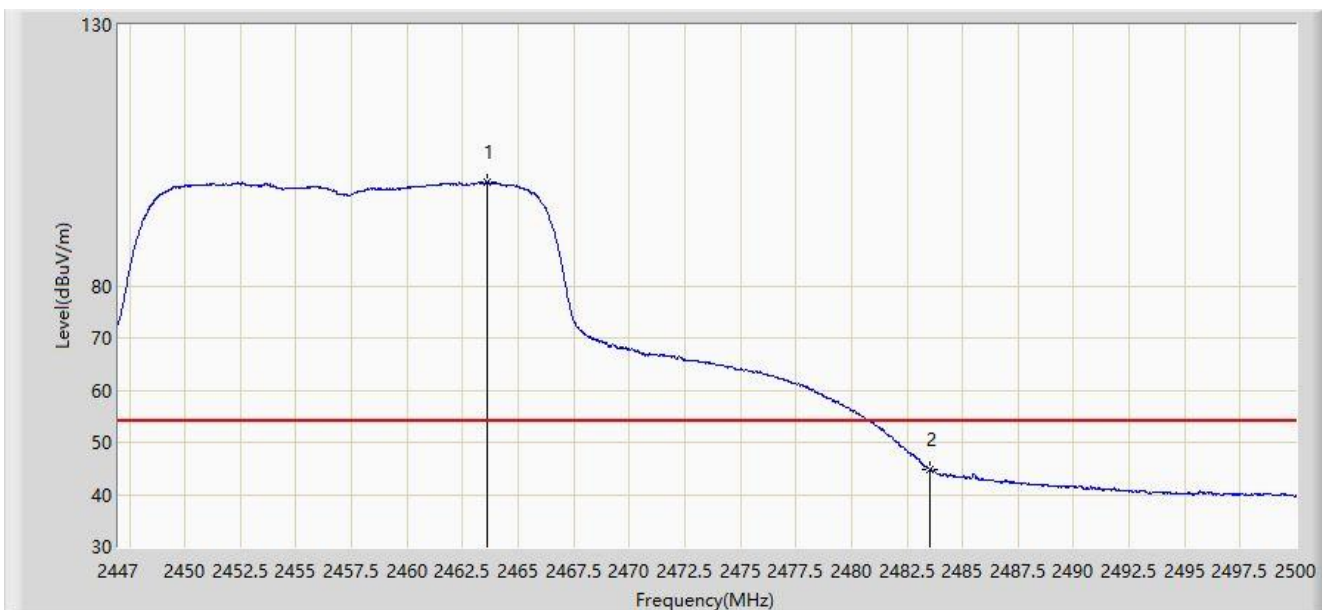


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.668	109.471	111.544	N/A	N/A	-2.073	PK
2			2483.500	58.945	61.022	-15.055	74.000	-2.077	PK
3			2486.591	59.338	61.415	-14.662	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz, Ant 0 + 1	

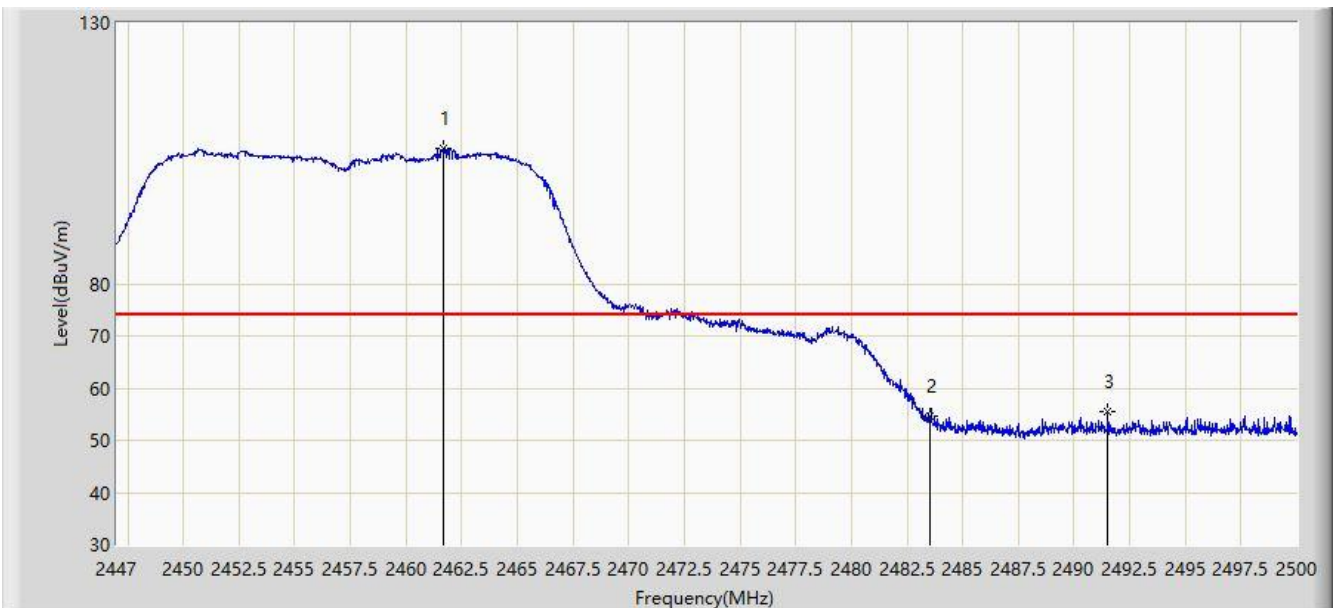


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.615	99.747	101.820	N/A	N/A	-2.073	AV
2			2483.500	44.907	46.984	-9.093	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/28 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz, Ant 0 + 1	

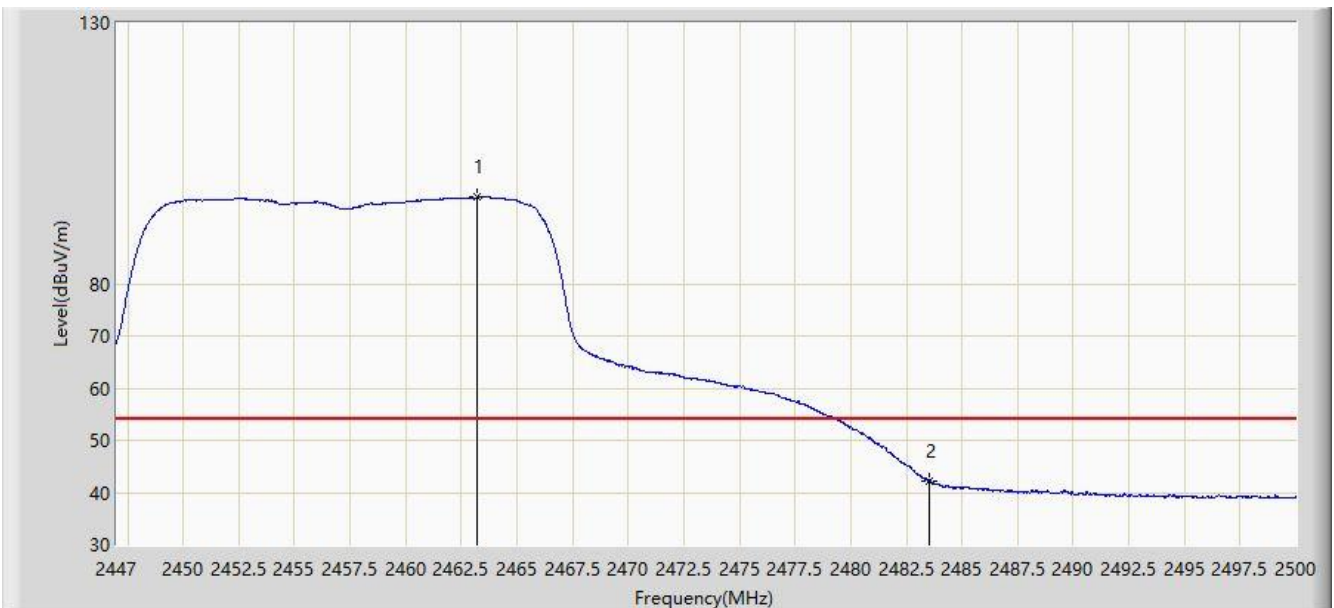


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.655	105.960	108.032	N/A	N/A	-2.071	PK
2			2483.500	54.662	56.739	-19.338	74.000	-2.077	PK
3			2491.493	55.519	57.597	-18.481	74.000	-2.078	PK

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

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

Site: AC1	Time: 2019/02/28 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz, Ant 0 + 1	

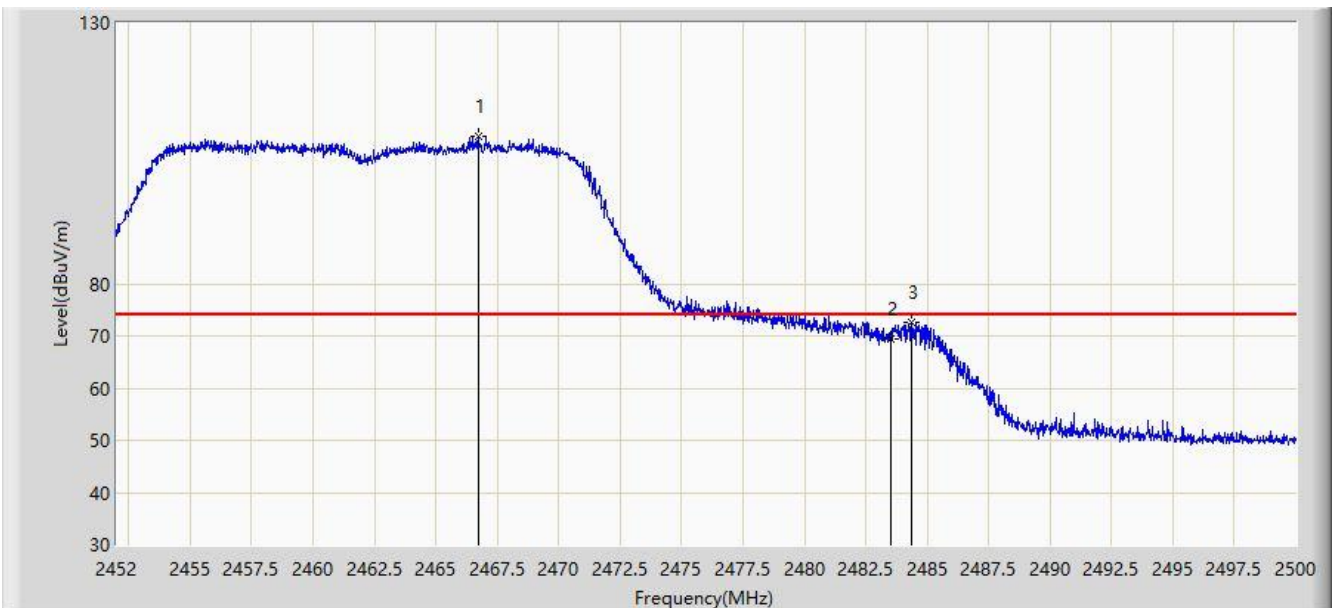


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.218	96.625	98.697	N/A	N/A	-2.072	AV
2			2483.500	42.282	44.359	-11.718	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 20:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0 + 1	

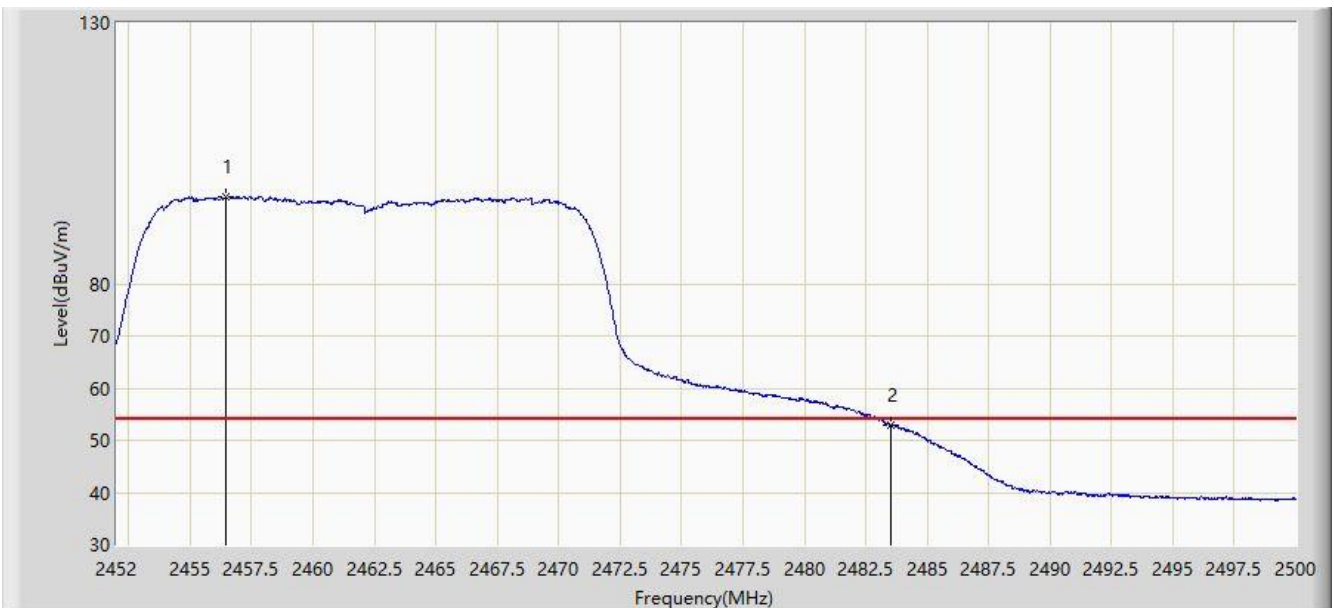


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.712	108.397	110.470	N/A	N/A	-2.073	PK
2			2483.500	69.383	71.460	-4.617	74.000	-2.077	PK
3			2484.376	72.681	74.758	-1.319	74.000	-2.077	PK

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

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

Site: AC1	Time: 2019/02/21 - 20:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0 + 1	

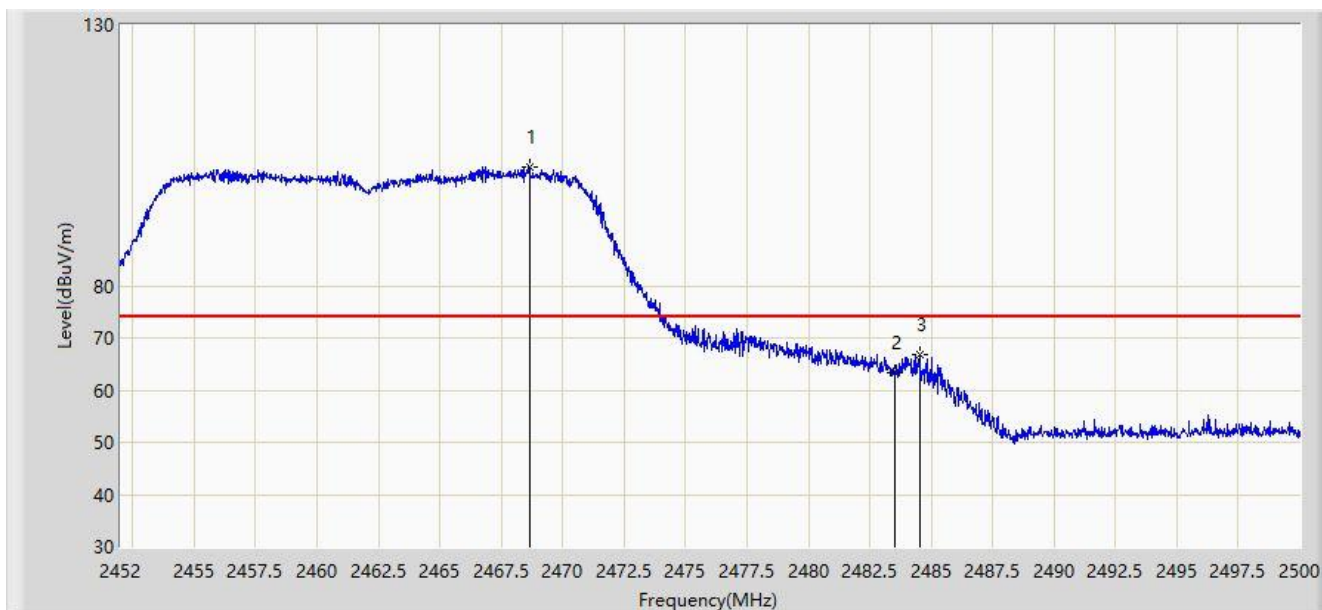


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.440	96.618	98.682	N/A	N/A	-2.064	AV
2			2483.500	52.910	54.987	-1.090	54.000	-2.077	AV

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

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

Site: AC1	Time: 2019/02/21 - 20:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1300 Mini Wireless MU-MIMO USB Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2468.632	102.702	104.776	N/A	N/A	-2.074	PK
2			2483.500	63.442	65.519	-10.558	74.000	-2.077	PK
3			2484.544	66.925	69.002	-7.075	74.000	-2.077	PK

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

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