802.11n-HT20 Out-of-Band Emissions - Ant A / Ant A + B	
Channel 11 (2462MHz)	
100kHz PSD reference Level	High Band Edge
	
Spurious Emission	
	

802.11n-HT40 Out-of-Band Emissions - Ant A / Ant A + B	
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 A / Ant A + B	
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 30MHzto 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 ≥ 98%, set VBW = 10 Hz.

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

4. Detector = Peak

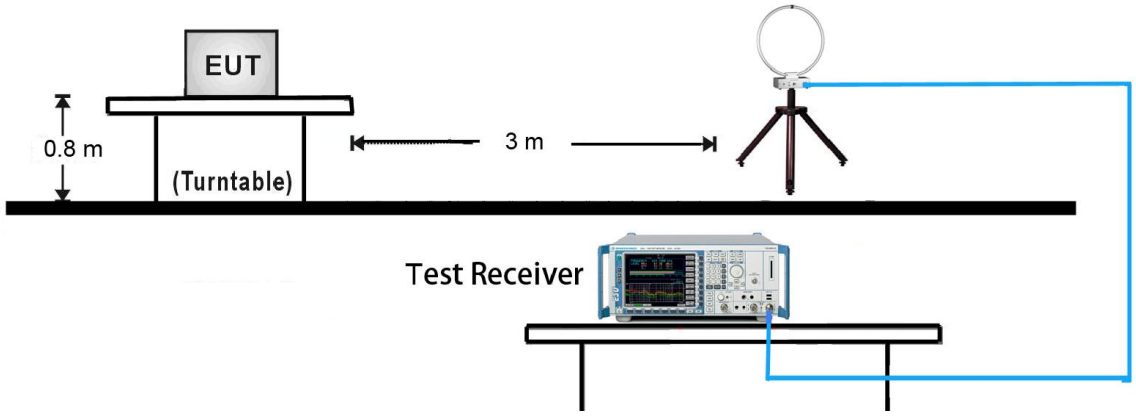
5. Sweep time = auto

6. Trace mode = max hold

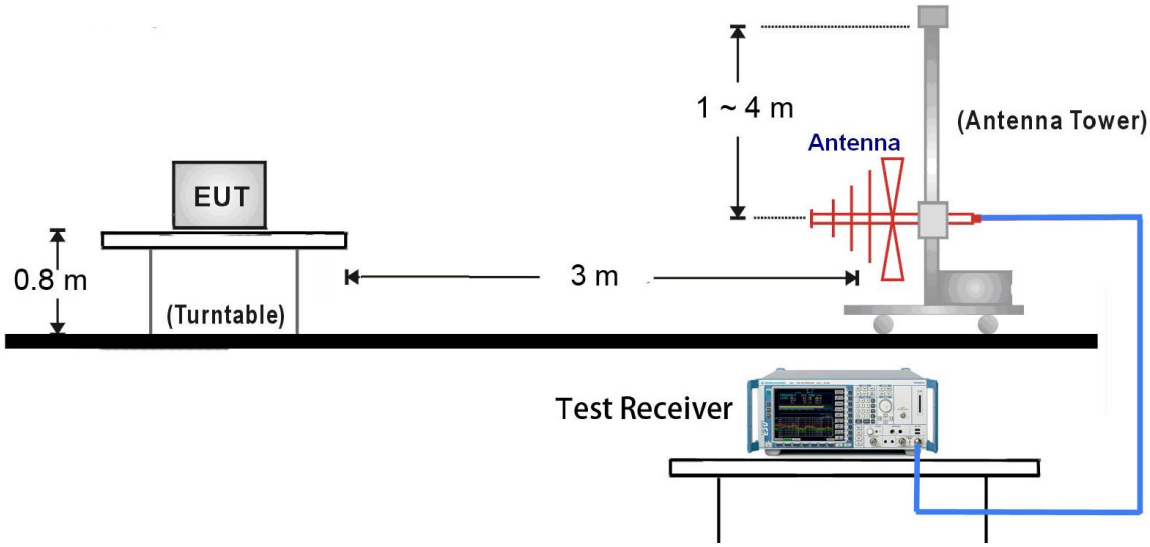
7. Trace was allowed to stabilize

7.6.4.Test Setup

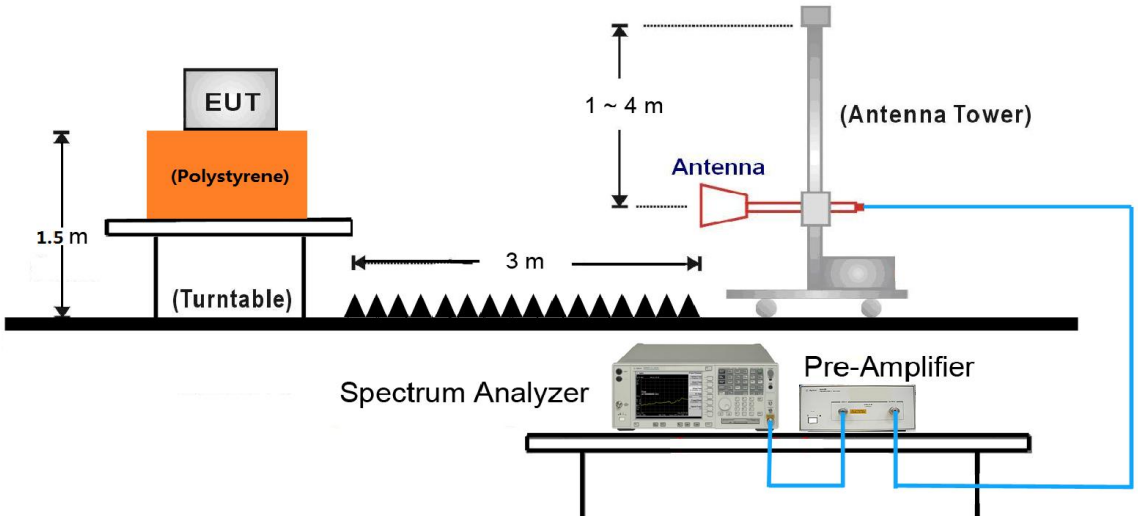
9kHz ~ 30MHzTest Setup:



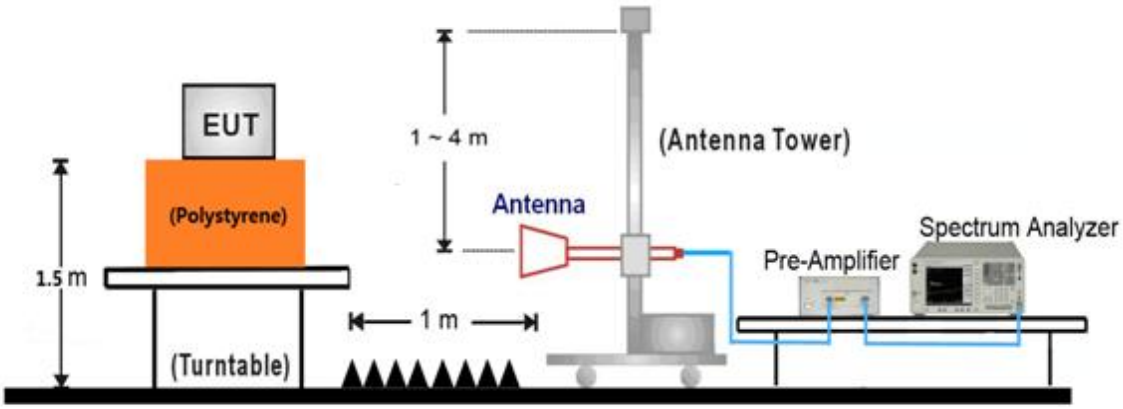
30MHz~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~25GHz Test Setup:



7.6.5.Test Result

Product	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11b - Ant A	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
	3992.0	49.0	3.2	52.2	74.0	-21.8	Peak	Horizontal
	4995.0	41.6	6.3	47.9	74.0	-26.1	Peak	Horizontal
*	6244.5	39.9	8.6	48.5	76.6	-28.1	Peak	Horizontal
*	9644.5	36.2	15.5	51.7	76.6	-24.9	Peak	Horizontal
	3983.5	43.8	3.2	47.0	74.0	-27.0	Peak	Vertical
	4825.0	39.9	5.9	45.8	74.0	-28.2	Peak	Vertical
*	6227.5	39.7	8.6	48.3	76.6	-28.3	Peak	Vertical
*	9644.5	36.8	15.5	52.3	76.6	-24.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.6dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11b - Ant A	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
	3992.0	50.5	3.2	53.7	74.0	-20.3	Peak	Horizontal
	5003.5	41.1	6.3	47.4	74.0	-26.6	Peak	Horizontal
*	5981.0	41.5	7.9	49.4	77.8	-28.4	Peak	Horizontal
*	9746.5	38.3	16.1	54.4	77.8	-23.4	Peak	Horizontal
	3992.0	48.8	3.2	52.0	74.0	-22.0	Peak	Vertical
	4876.0	38.9	6.0	44.9	74.0	-29.1	Peak	Vertical
*	5998.0	40.6	8.0	48.6	77.8	-29.2	Peak	Vertical
*	9746.5	38.8	16.1	54.9	77.8	-22.9	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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11b - Ant A	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
	3983.5	46.5	3.2	49.7	74.0	-24.3	Peak	Horizontal
	4995.0	43.5	6.3	49.8	74.0	-24.2	Peak	Horizontal
*	6227.5	39.7	8.6	48.3	76.9	-28.6	Peak	Horizontal
*	9848.5	36.2	16.7	52.9	76.9	-24.0	Peak	Horizontal
	4000.5	47.0	3.3	50.3	74.0	-23.7	Peak	Vertical
	4986.5	38.3	6.2	44.5	74.0	-29.5	Peak	Vertical
*	5998.0	38.0	8.0	46.0	76.9	-30.9	Peak	Vertical
*	9848.5	36.8	16.7	53.5	76.9	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (106.9dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11g - Ant A	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
	3992.0	47.4	3.2	50.6	74.0	-23.4	Peak	Horizontal
	4995.0	41.2	6.3	47.5	74.0	-26.5	Peak	Horizontal
*	5998.0	39.6	8.0	47.6	76.4	-28.8	Peak	Horizontal
*	6227.5	40.4	8.6	49.0	76.4	-27.4	Peak	Horizontal
	3992.0	45.2	3.2	48.4	74.0	-25.6	Peak	Vertical
	4986.5	37.9	6.2	44.1	74.0	-29.9	Peak	Vertical
*	6227.5	37.9	8.6	46.5	76.4	-29.9	Peak	Vertical
*	7230.5	35.9	12.7	48.6	76.4	-27.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.4dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11g - Ant A	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
	3992.0	48.4	3.2	51.6	74.0	-22.4	Peak	Horizontal
	4995.0	40.3	6.3	46.6	74.0	-27.4	Peak	Horizontal
*	5981.0	40.6	7.9	48.5	80.3	-31.8	Peak	Horizontal
*	9746.5	35.9	16.1	52.0	80.3	-28.3	Peak	Horizontal
	3983.5	43.1	3.2	46.3	74.0	-27.7	Peak	Vertical
	4986.5	37.2	6.2	43.4	74.0	-30.6	Peak	Vertical
*	5998.0	38.7	8.0	46.7	80.3	-33.6	Peak	Vertical
*	6227.5	38.2	8.6	46.8	80.3	-33.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.3dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11g - Ant A	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
	3992.0	47.4	3.2	50.6	74.0	-23.4	Peak	Horizontal
	4995.0	41.5	6.3	47.8	74.0	-26.2	Peak	Horizontal
*	5981.0	40.2	7.9	48.1	75.0	-26.9	Peak	Horizontal
*	6227.5	39.9	8.6	48.5	75.0	-26.5	Peak	Horizontal
	4000.5	47.2	3.3	50.5	74.0	-23.5	Peak	Vertical
	4978.0	36.9	6.2	43.1	74.0	-30.9	Peak	Vertical
*	5981.0	38.2	7.9	46.1	75.0	-28.9	Peak	Vertical
*	7094.5	35.9	12.0	47.9	75.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (105.0dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT20 - Ant A + B	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
	3992.0	44.7	3.2	47.9	74.0	-26.1	Peak	Horizontal
	4825.0	38.7	5.9	44.6	74.0	-29.4	Peak	Horizontal
*	6227.5	39.7	8.6	48.3	78.1	-29.8	Peak	Horizontal
*	9653.0	34.7	15.5	50.2	78.1	-27.9	Peak	Horizontal
	4000.5	45.3	3.3	48.6	74.0	-25.4	Peak	Vertical
	4816.5	38.9	5.9	44.8	74.0	-29.2	Peak	Vertical
*	6227.5	39.5	8.6	48.1	78.1	-30.0	Peak	Vertical
*	9619.0	34.5	15.4	49.9	78.1	-28.2	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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT20 - Ant A + B	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
	3983.5	46.9	3.2	50.1	74.0	-23.9	Peak	Horizontal
	4874.3	40.4	6.0	46.4	54.0	-7.6	Average	Horizontal
	4876.0	53.3	6.0	59.3	74.0	-14.7	Peak	Horizontal
*	6244.5	40.6	8.6	49.2	83.1	-33.9	Peak	Horizontal
*	9746.5	35.6	16.1	51.7	83.1	-31.4	Peak	Horizontal
	3992.0	47.1	3.2	50.3	74.0	-23.7	Peak	Vertical
	4874.2	38.2	6.0	44.2	54.0	-9.8	Average	Vertical
	4876.0	49.6	6.0	55.6	74.0	-18.4	Peak	Vertical
*	6236.0	38.7	8.6	47.3	83.1	-35.8	Peak	Vertical
*	9746.5	34.2	16.1	50.3	83.1	-32.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.1dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT20 - Ant A + B	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
	3992.0	48.1	3.2	51.3	74.0	-22.7	Peak	Horizontal
	4995.0	41.9	6.3	48.2	74.0	-25.8	Peak	Horizontal
*	6253.0	39.4	8.7	48.1	75.0	-26.9	Peak	Horizontal
*	10239.5	34.3	17.2	51.5	75.0	-23.5	Peak	Horizontal
	3983.5	47.1	3.2	50.3	74.0	-23.7	Peak	Vertical
	4986.5	37.7	6.2	43.9	74.0	-30.1	Peak	Vertical
*	5989.5	38.1	7.9	46.0	75.0	-29.0	Peak	Vertical
*	9695.5	34.6	15.5	50.1	75.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (105.0dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT40 - Ant A + B	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
	3983.5	47.7	3.2	50.9	74.0	-23.1	Peak	Horizontal
	5003.5	42.5	6.3	48.8	74.0	-25.2	Peak	Horizontal
*	5981.0	38.5	7.9	46.4	76.5	-30.1	Peak	Horizontal
*	6236.0	38.9	8.6	47.5	76.5	-29.0	Peak	Horizontal
	3992.0	45.8	3.2	49.0	74.0	-25.0	Peak	Vertical
	4986.5	36.7	6.2	42.9	74.0	-31.1	Peak	Vertical
*	5989.5	37.5	7.9	45.4	76.5	-31.1	Peak	Vertical
*	9874.0	33.3	16.8	50.1	76.5	-26.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (106.5dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT40 - Ant A + B	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
	3992.0	47.0	3.2	50.2	74.0	-23.8	Peak	Horizontal
	4995.0	40.9	6.3	47.2	74.0	-26.8	Peak	Horizontal
*	6236.0	38.3	8.6	46.9	75.9	-29.0	Peak	Horizontal
*	10103.5	34.6	16.9	51.5	75.9	-24.4	Peak	Horizontal
	3992.0	49.2	3.2	52.4	74.0	-21.6	Peak	Vertical
	4986.5	37.9	6.2	44.1	74.0	-29.9	Peak	Vertical
*	5998.0	37.1	8.0	45.1	75.9	-30.8	Peak	Vertical
*	9755.0	34.9	16.2	51.1	75.9	-24.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (105.9dBμV/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	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	56%
Test Site	AC1	Test Date	2018/11/23
Test Mode:	802.11n-HT40 - Ant A + B	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
	3992.0	47.9	3.2	51.1	74.0	-22.9	Peak	Horizontal
	4986.5	41.0	6.2	47.2	74.0	-26.8	Peak	Horizontal
*	6244.5	38.4	8.6	47.0	74.0	-27.0	Peak	Horizontal
*	9984.5	33.5	16.7	50.2	74.0	-23.8	Peak	Horizontal
	4000.5	46.7	3.3	50.0	74.0	-24.0	Peak	Vertical
	4986.5	39.0	6.2	45.2	74.0	-28.8	Peak	Vertical
*	6236.0	36.8	8.6	45.4	74.0	-28.6	Peak	Vertical
*	10333.0	33.8	17.3	51.1	74.0	-22.9	Peak	Vertical

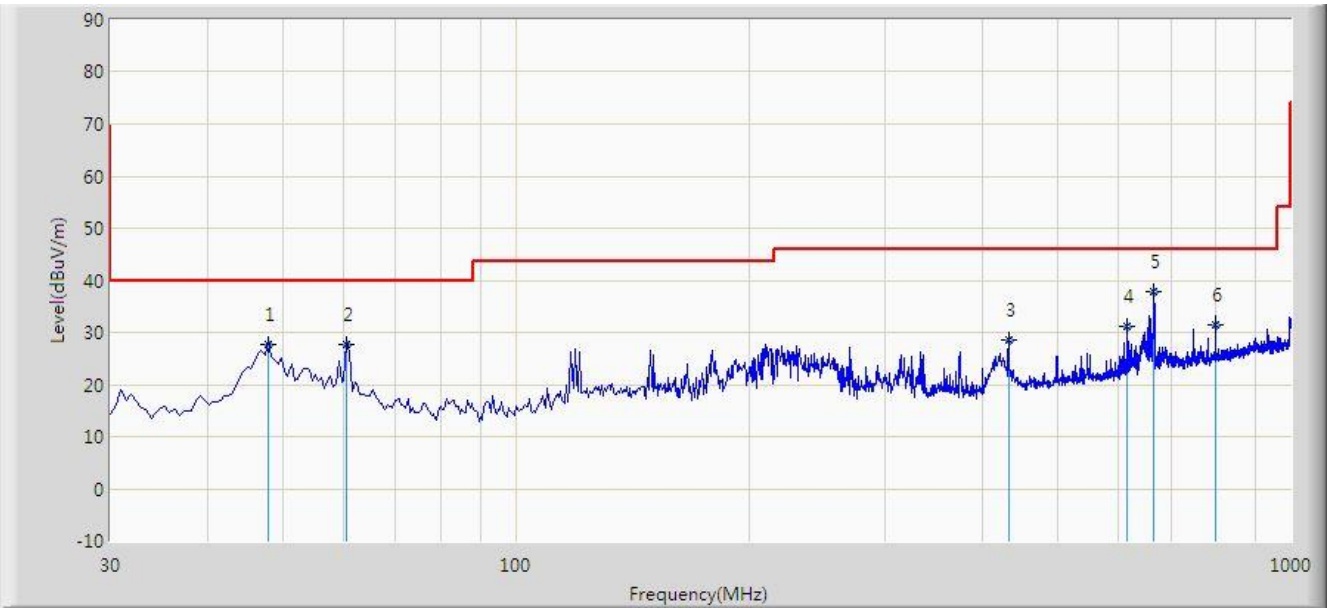
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (102.2dBμV/m) or 15.209 which is higher.

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: 2018/12/08 - 07:18
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Worst case	



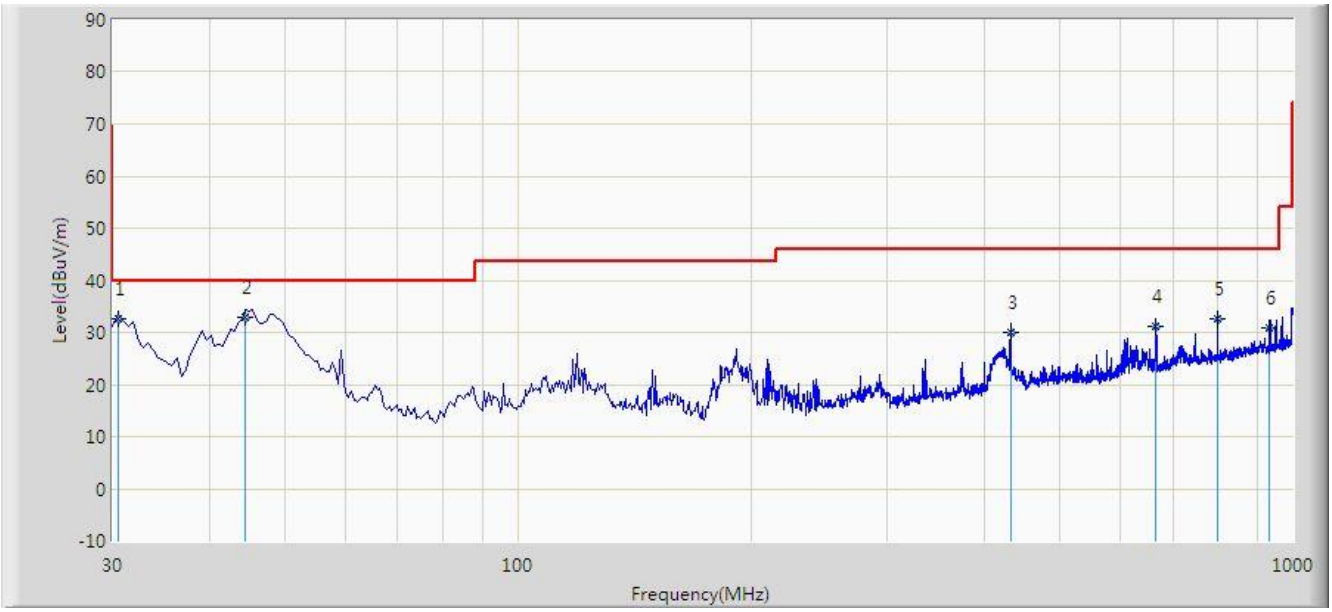
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			47.945	27.678	12.600	-12.322	40.000	15.078	QP
2			60.555	27.677	13.760	-12.323	40.000	13.916	QP
3			432.065	28.510	11.020	-17.490	46.000	17.491	QP
4			613.940	31.225	10.600	-14.775	46.000	20.625	QP
5		*	664.380	37.746	16.410	-8.254	46.000	21.336	QP
6			800.180	31.516	8.250	-14.484	46.000	23.266	QP

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

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

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

Site: AC1	Time: 2018/12/08 - 07:22
Limit: FCC_Part15.209_RE(3m)	Engineer: David Lv
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	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			30.485	32.516	20.300	-7.484	40.000	12.216	QP
2		*	44.550	32.944	18.100	-7.056	40.000	14.844	QP
3			432.065	30.090	12.600	-15.910	46.000	17.491	QP
4			664.380	31.086	9.750	-14.914	46.000	21.336	QP
5			800.180	32.566	9.300	-13.434	46.000	23.266	QP
6			934.040	30.811	6.020	-15.189	46.000	24.791	QP

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

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

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

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 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

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

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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.7.3.Test Setting

Peak Field Strength Measurements

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

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

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

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

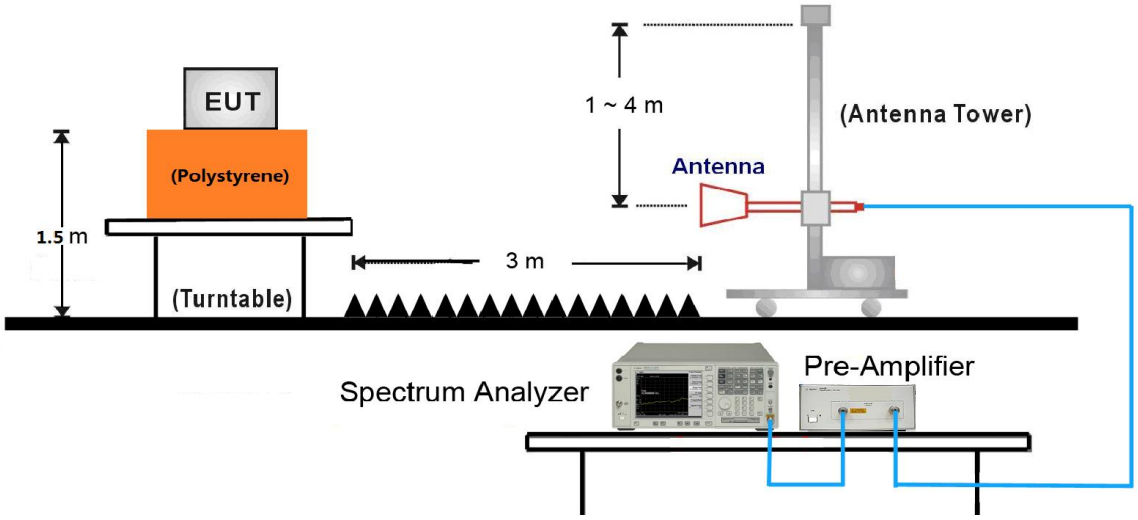
4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

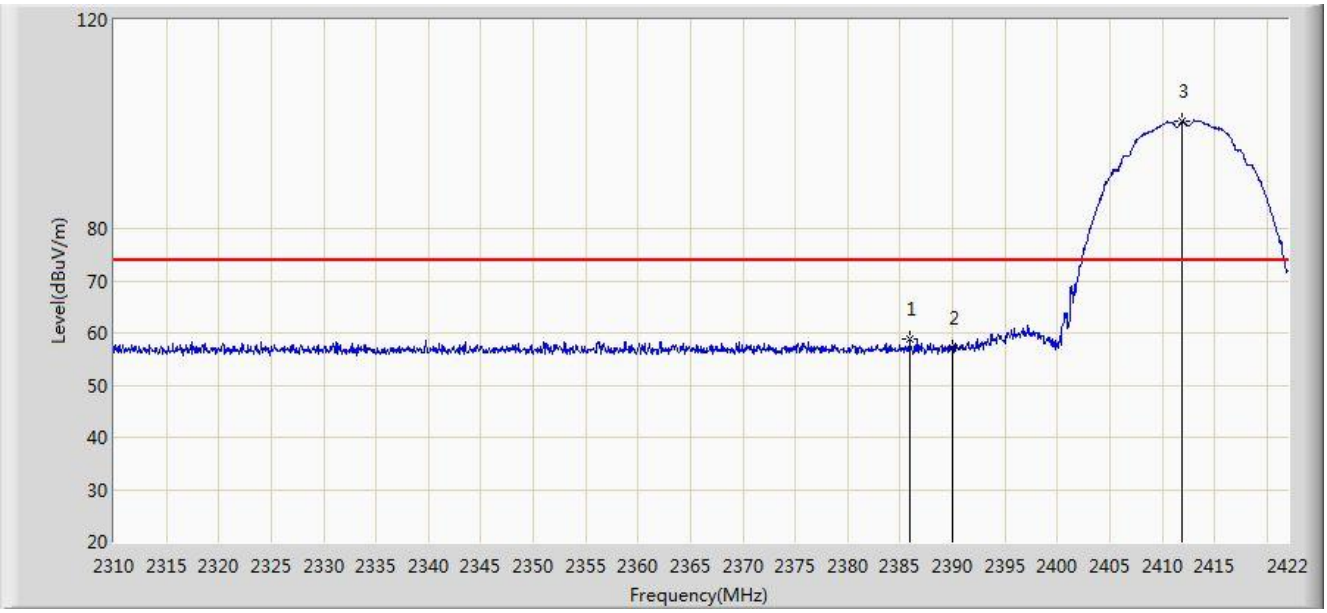
7. Trace was allowed to stabilize

7.7.4.Test Setup



7.7.5.Test Result

Site: AC1	Time: 2018/11/14 - 06:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

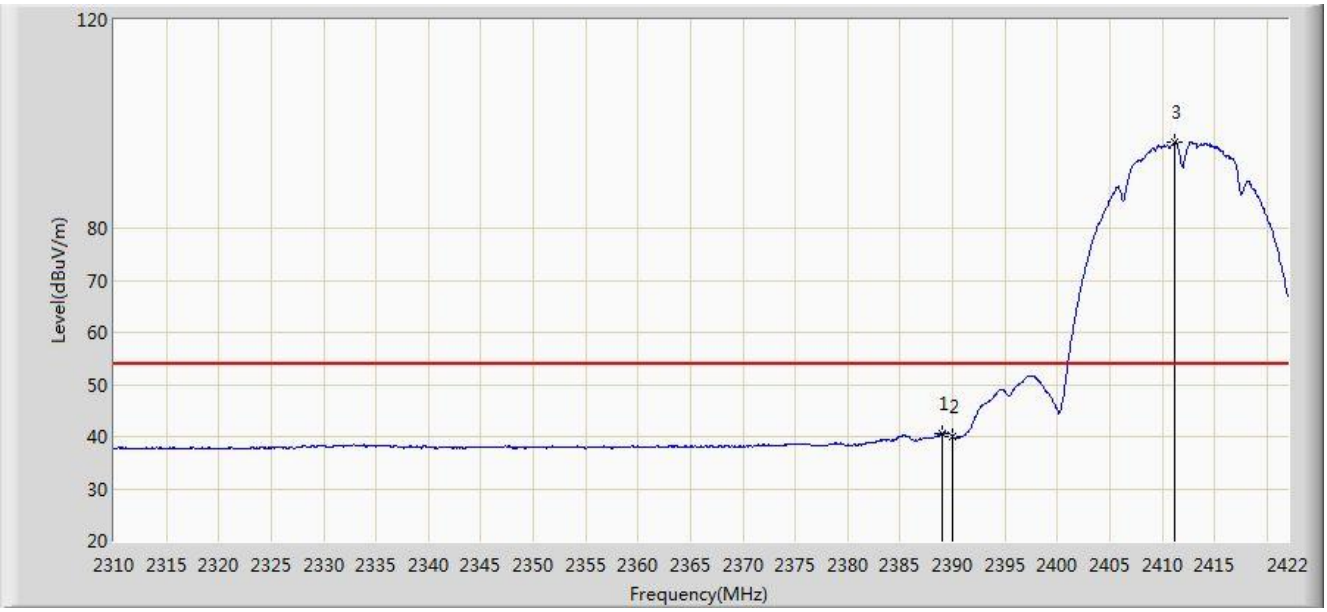


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.936	58.826	26.494	-15.174	74.000	32.332	PK
2			2390.000	57.027	24.700	-16.973	74.000	32.327	PK
3		*	2411.920	100.700	68.415	N/A	N/A	32.285	PK

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

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

Site: AC1	Time: 2018/11/14 - 06:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

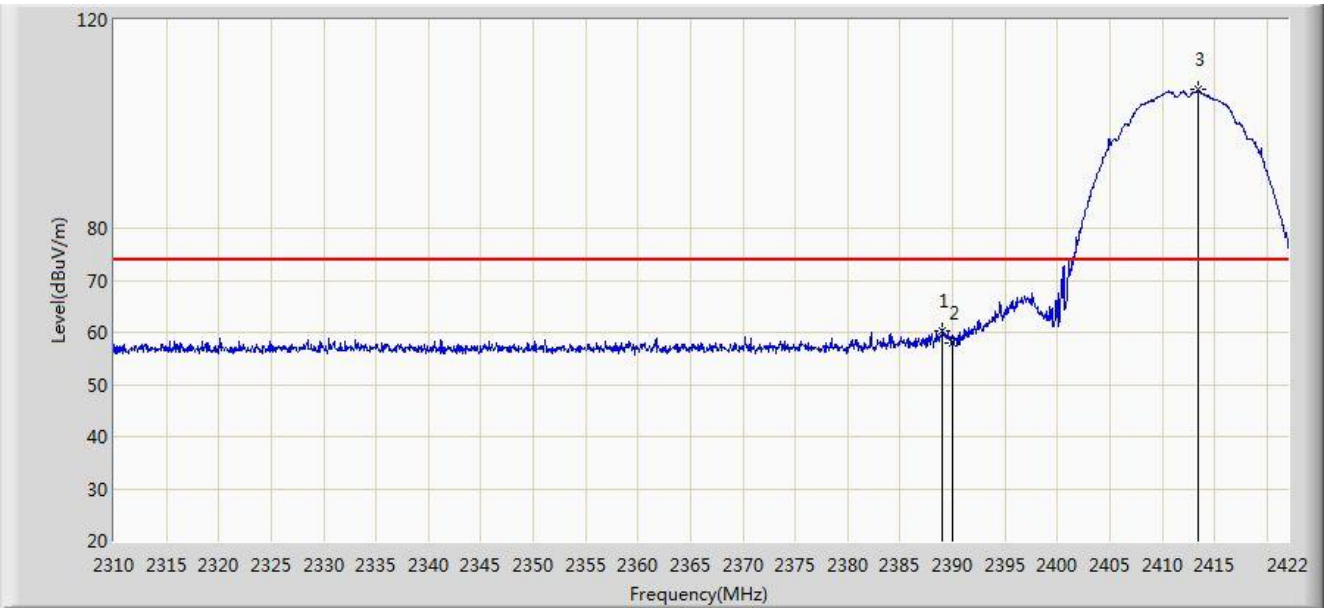


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	40.692	8.364	-13.308	54.000	32.328	AV
2			2390.000	40.099	7.772	-13.901	54.000	32.327	AV
3		*	2411.192	96.573	64.288	N/A	N/A	32.285	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	60.415	28.087	-13.585	74.000	32.328	PK
2			2390.000	57.954	25.627	-16.046	74.000	32.327	PK
3		*	2413.376	106.635	74.351	N/A	N/A	32.285	PK

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

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

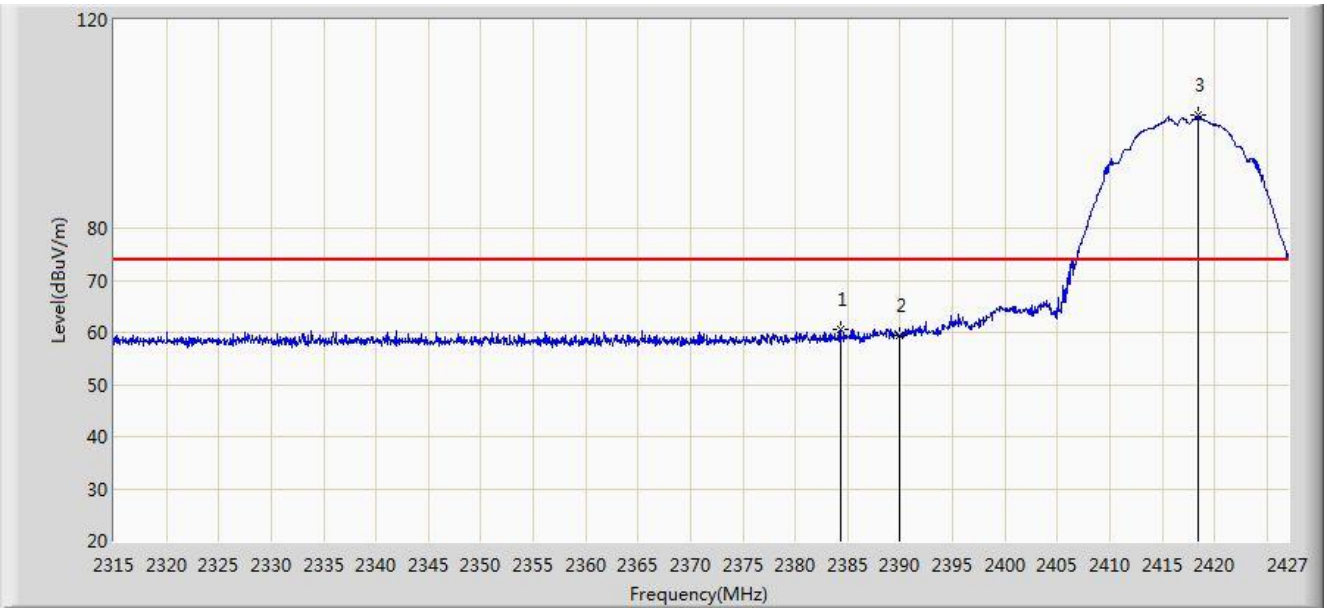
Site: AC1	Time: 2018/11/14 - 06:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	45.981	13.653	-8.019	54.000	32.328	AV
2			2390.000	44.722	12.395	-9.278	54.000	32.327	AV
3		*	2411.136	101.878	69.593	N/A	N/A	32.285	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2417MHz	

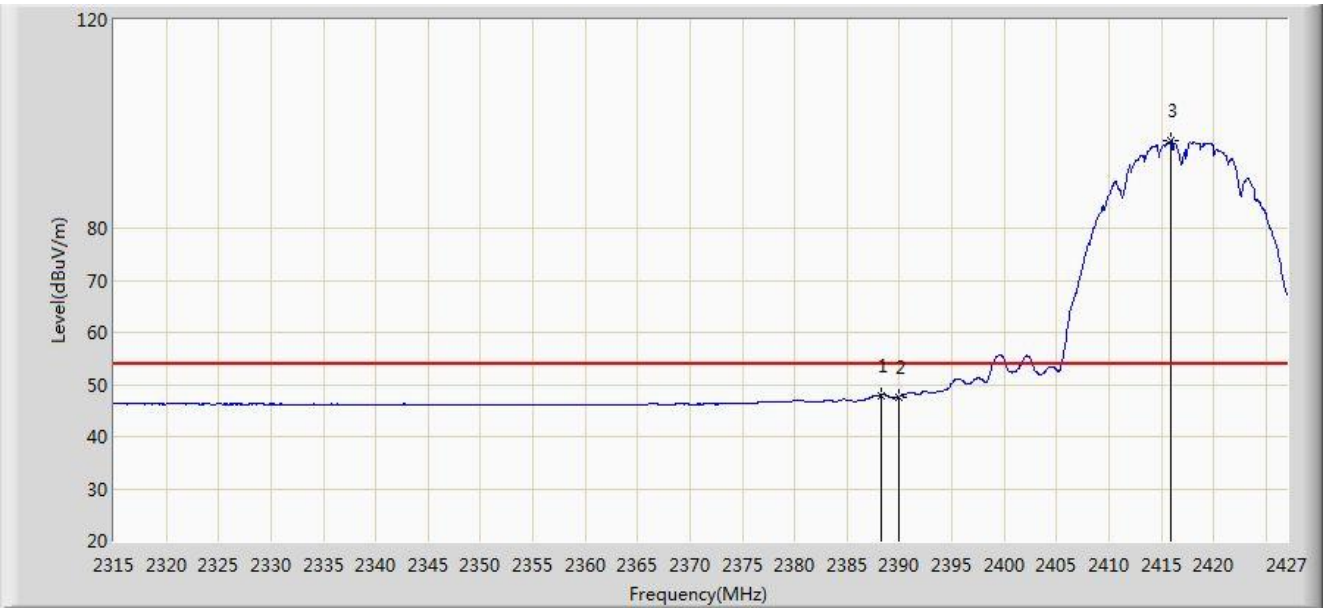


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.328	60.717	28.382	-13.283	74.000	32.335	PK
2			2390.000	59.461	27.134	-14.539	74.000	32.327	PK
3		*	2418.432	101.621	69.339	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2417MHz	

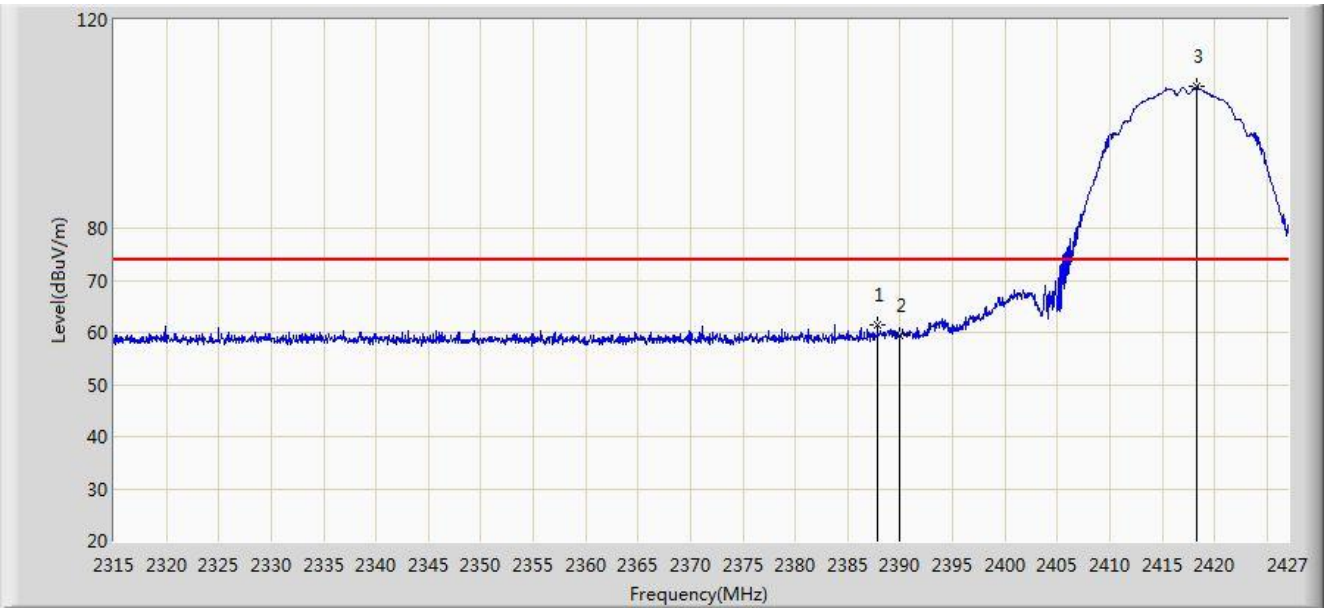


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.248	47.920	15.591	-6.080	54.000	32.329	AV
2			2390.000	47.661	15.334	-6.339	54.000	32.327	AV
3		*	2415.968	96.721	64.438	N/A	N/A	32.283	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2417MHz	

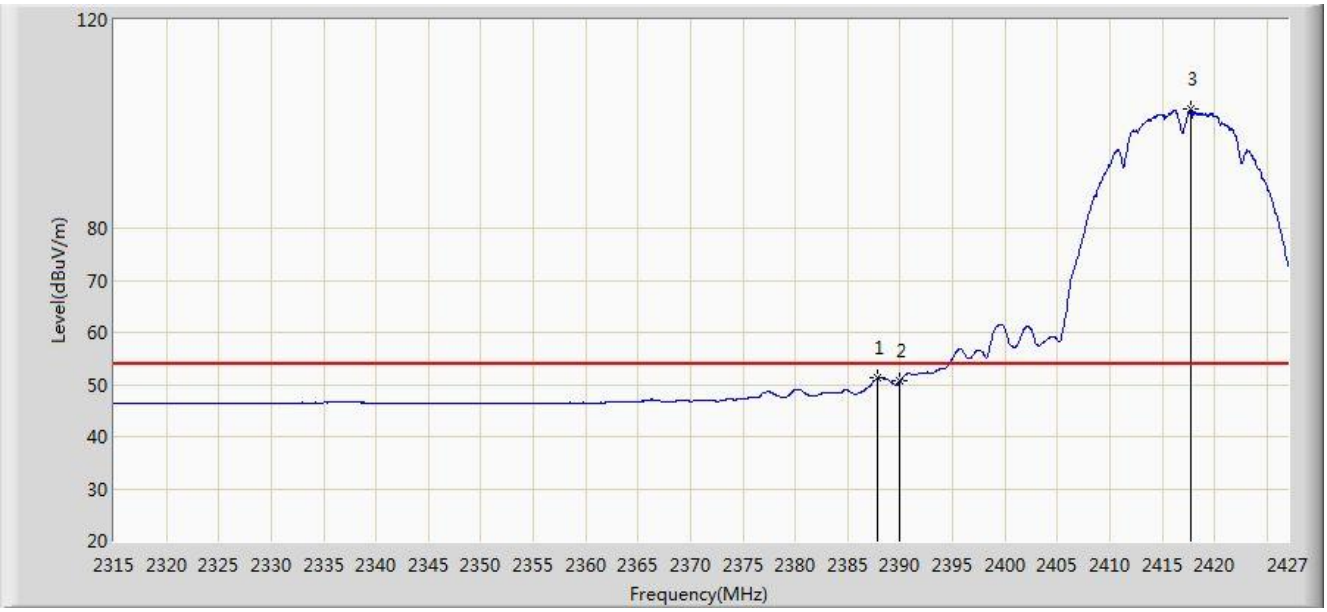


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.856	61.485	29.155	-12.515	74.000	32.329	PK
2			2390.000	59.339	27.012	-14.661	74.000	32.327	PK
3		*	2418.264	107.119	74.837	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2417MHz	

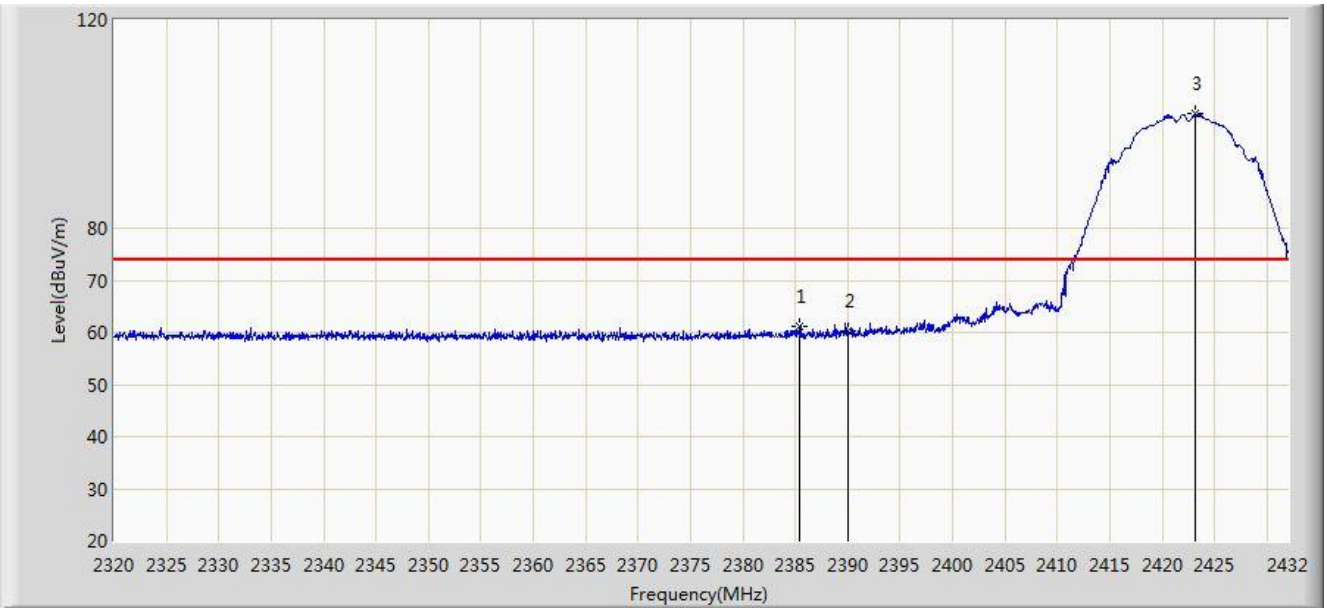


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.800	51.255	18.925	-2.745	54.000	32.330	AV
2			2390.000	50.702	18.375	-3.298	54.000	32.327	AV
3		*	2417.704	102.798	70.516	N/A	N/A	32.282	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz	

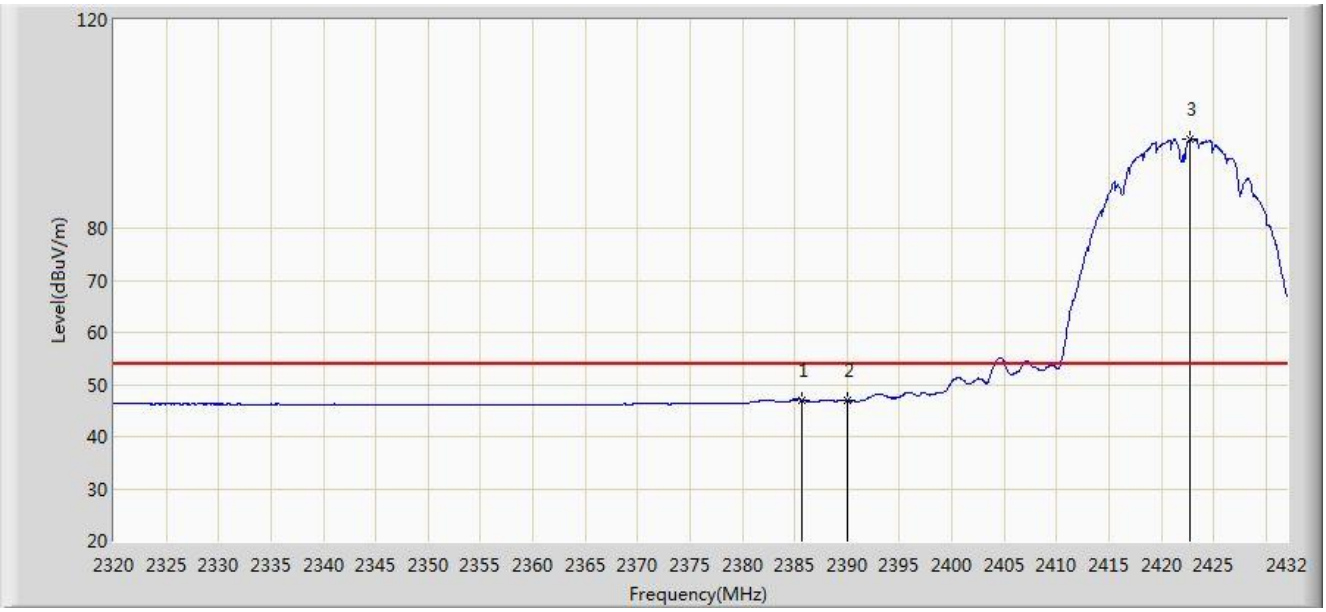


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.408	61.185	28.852	-12.815	74.000	32.333	PK
2			2390.000	60.340	28.013	-13.660	74.000	32.327	PK
3		*	2423.152	101.900	69.620	N/A	N/A	32.280	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz	

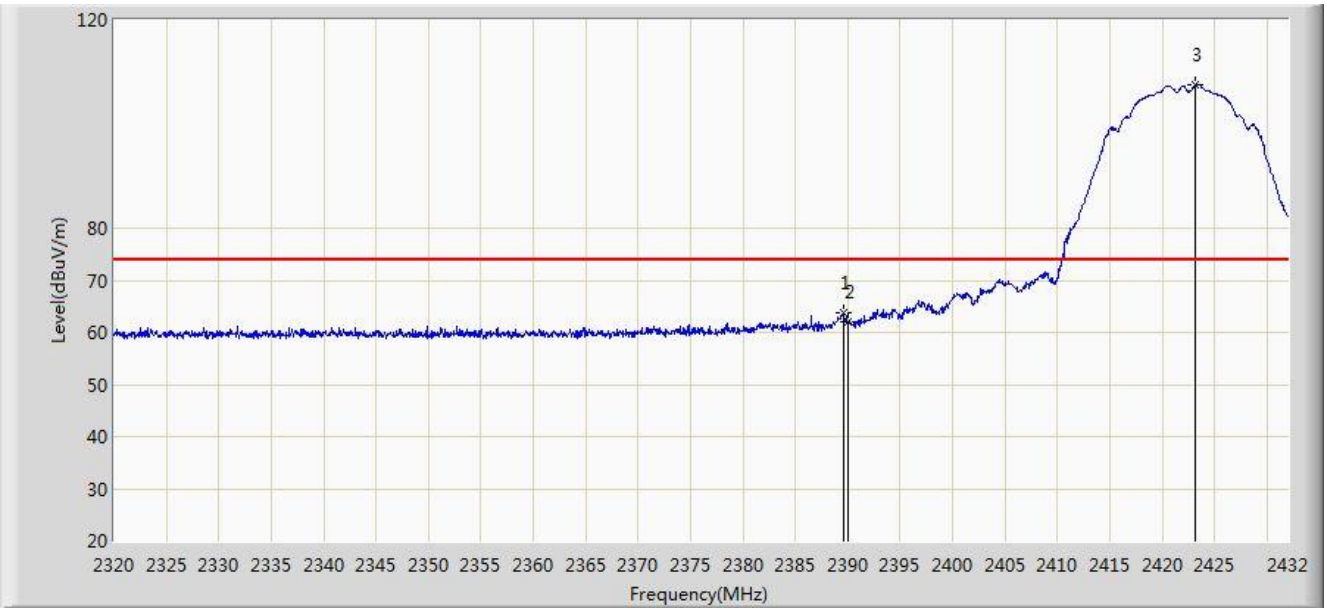


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.632	47.054	14.721	-6.946	54.000	32.333	AV
2			2390.000	46.932	14.605	-7.068	54.000	32.327	AV
3		*	2422.760	97.181	64.901	N/A	N/A	32.280	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz	

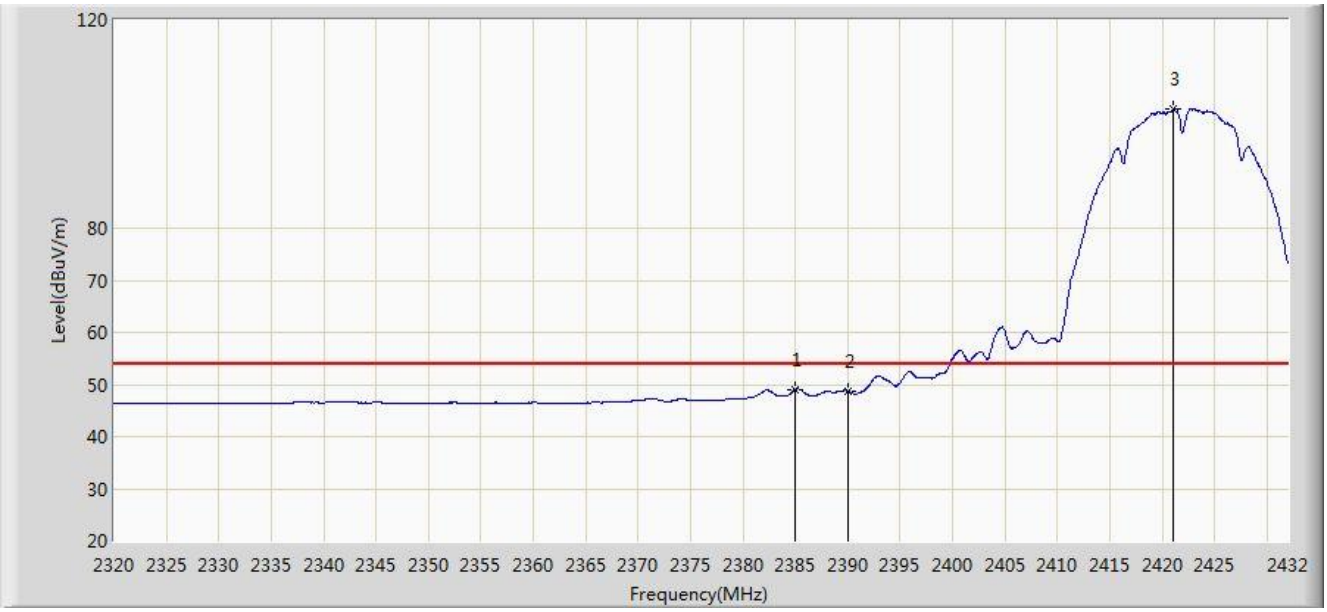


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.552	63.755	31.428	-10.245	74.000	32.328	PK
2			2390.000	61.906	29.579	-12.094	74.000	32.327	PK
3		*	2423.208	107.447	75.167	N/A	N/A	32.280	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2422MHz	

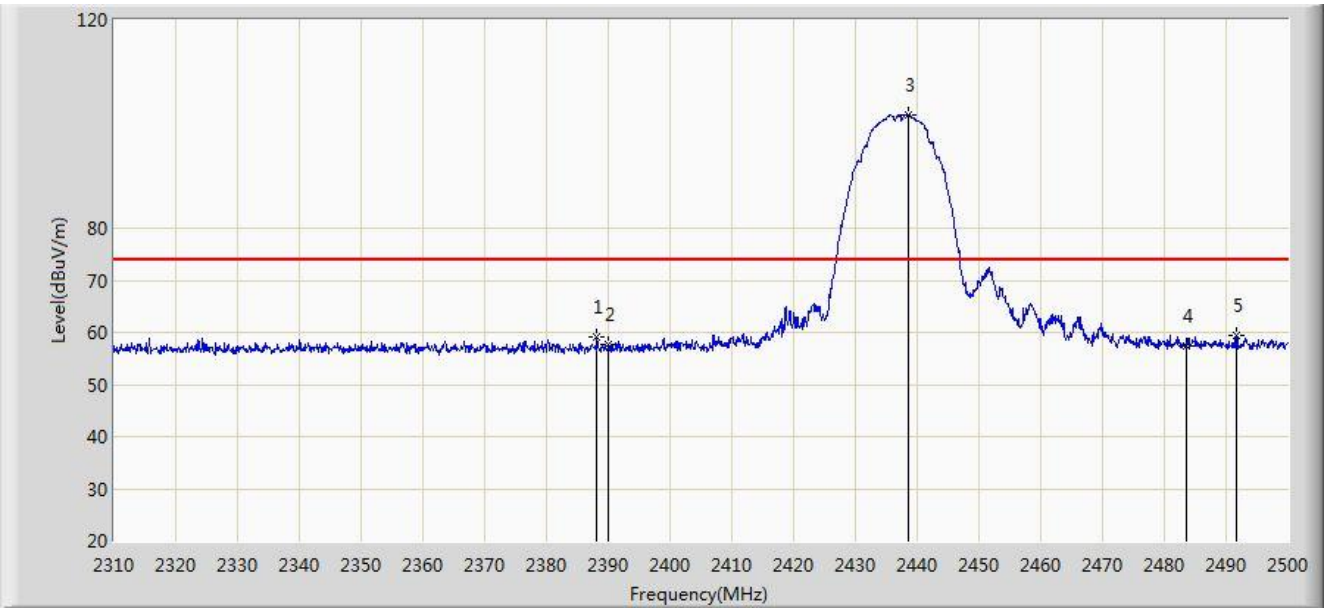


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.016	49.098	16.764	-4.902	54.000	32.334	AV
2			2390.000	48.761	16.434	-5.239	54.000	32.327	AV
3		*	2421.024	102.817	70.536	N/A	N/A	32.281	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

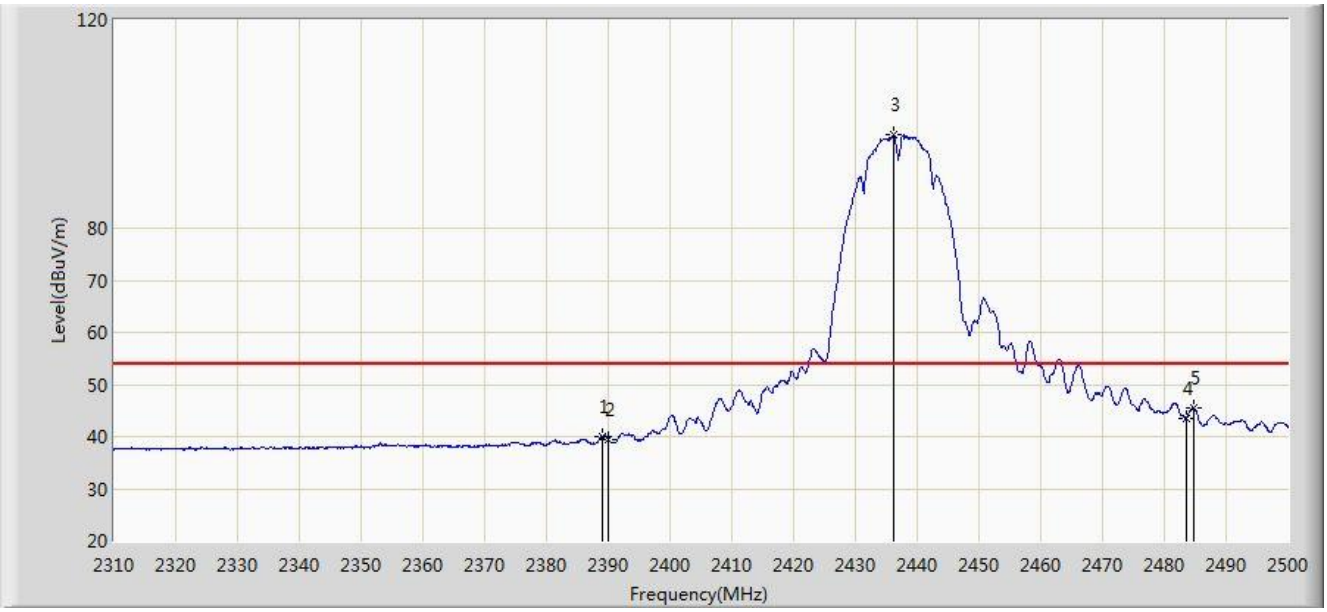


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.185	59.128	26.799	-14.872	74.000	32.330	PK
2			2390.000	57.600	25.273	-16.400	74.000	32.327	PK
3		*	2438.535	101.865	69.605	N/A	N/A	32.260	PK
4			2483.500	57.460	25.121	-16.540	74.000	32.340	PK
5			2491.735	59.316	26.945	-14.684	74.000	32.372	PK

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

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

Site: AC1	Time: 2018/11/14 - 06:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

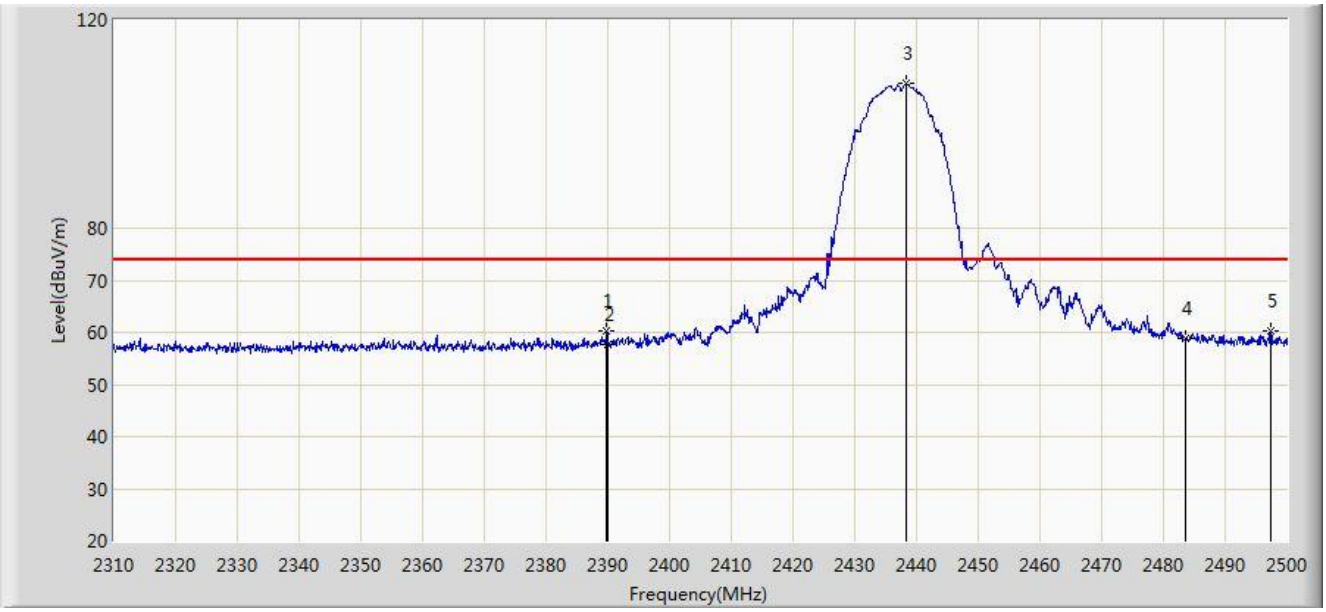


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.945	40.075	7.747	-13.925	54.000	32.329	AV
2			2390.000	39.464	7.137	-14.536	54.000	32.327	AV
3		*	2436.160	97.862	65.598	N/A	N/A	32.264	AV
4			2483.500	43.511	11.172	-10.489	54.000	32.340	AV
5			2484.800	45.393	13.049	-8.607	54.000	32.344	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

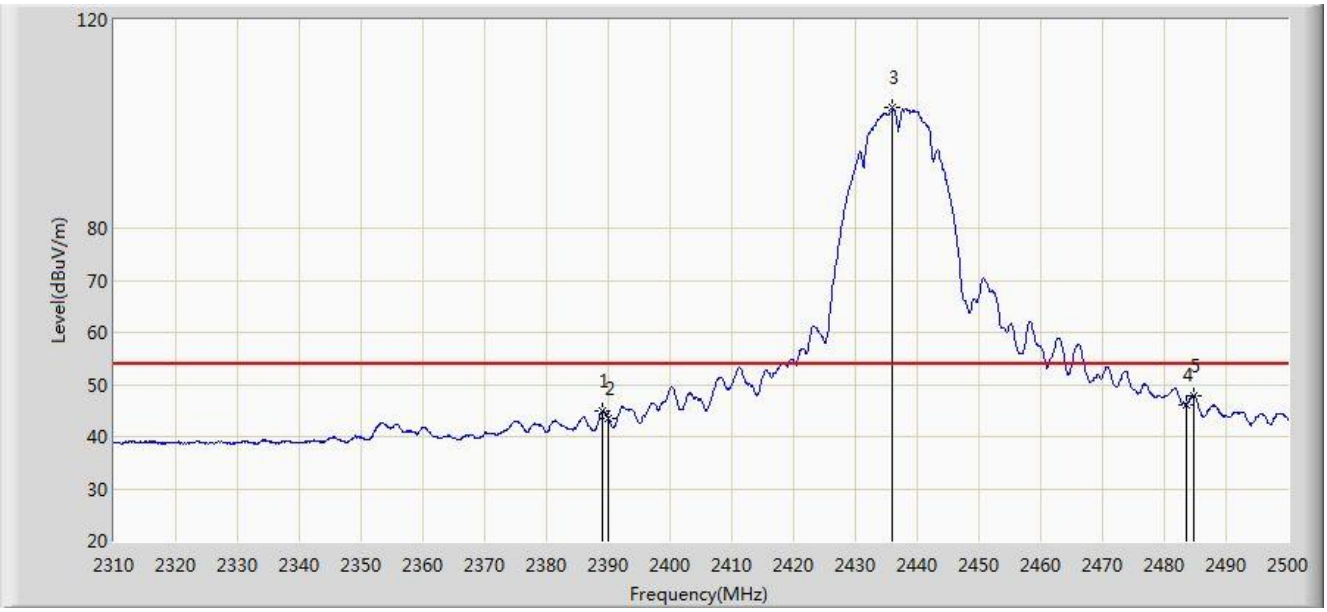


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	60.246	27.919	-13.754	74.000	32.327	PK
2			2390.000	57.721	25.394	-16.279	74.000	32.327	PK
3		*	2438.440	107.800	75.539	N/A	N/A	32.261	PK
4			2483.500	58.867	26.528	-15.133	74.000	32.340	PK
5			2497.340	60.311	27.921	-13.689	74.000	32.391	PK

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

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

Site: AC1	Time: 2018/11/14 - 06:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

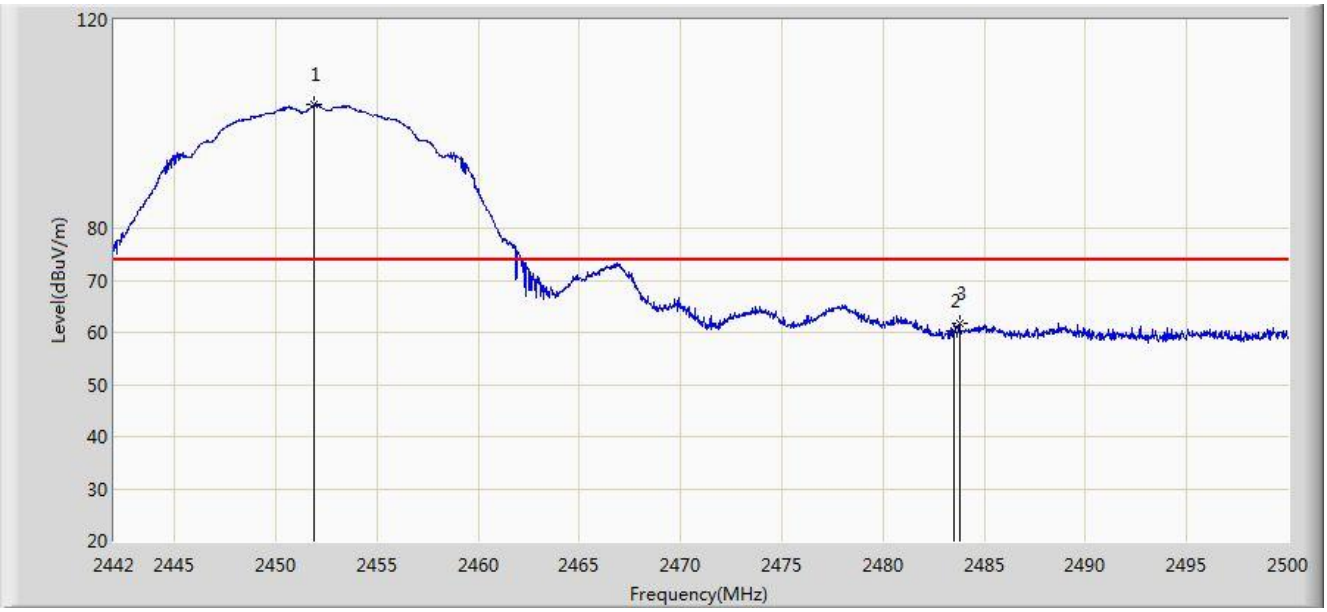


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.040	44.846	12.518	-9.154	54.000	32.328	AV
2			2390.000	43.444	11.117	-10.556	54.000	32.327	AV
3		*	2436.065	103.207	70.942	N/A	N/A	32.264	AV
4			2483.500	46.094	13.755	-7.906	54.000	32.340	AV
5			2484.800	47.796	15.452	-6.204	54.000	32.344	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz	

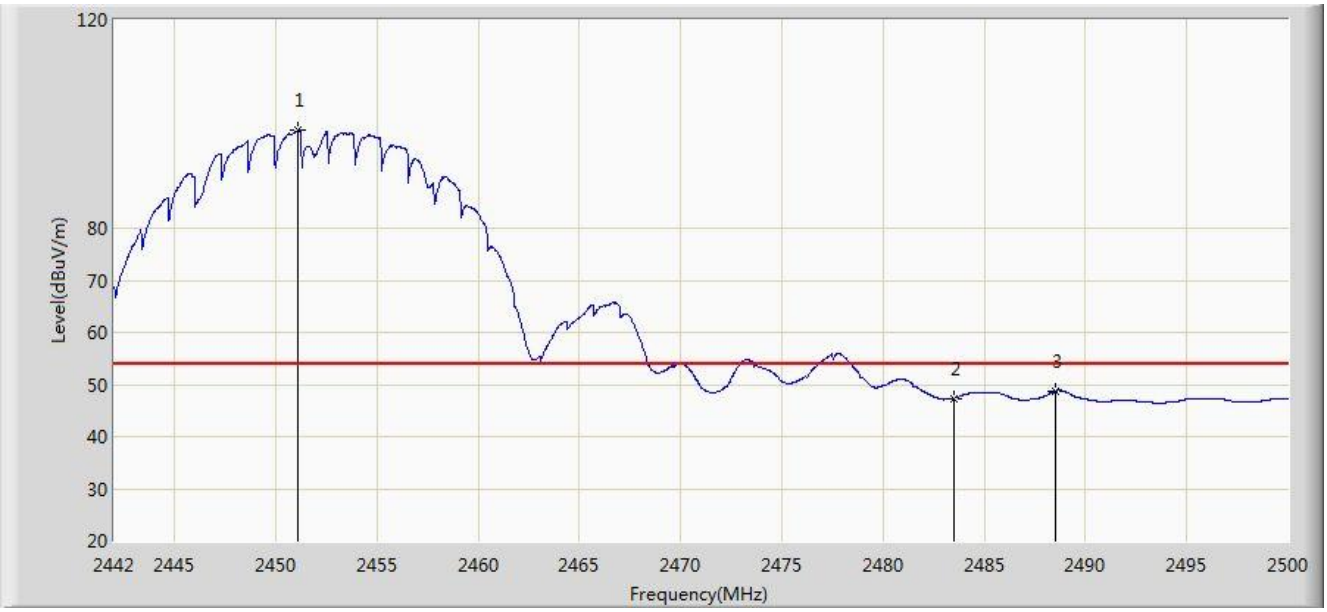


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.918	103.715	71.455	N/A	N/A	32.260	PK
2			2483.500	60.267	27.928	-13.733	74.000	32.340	PK
3			2483.760	61.749	29.409	-12.251	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.077	98.808	66.550	N/A	N/A	32.258	AV
2			2483.500	47.338	14.999	-6.662	54.000	32.340	AV
3			2488.516	48.743	16.384	-5.257	54.000	32.359	AV

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

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

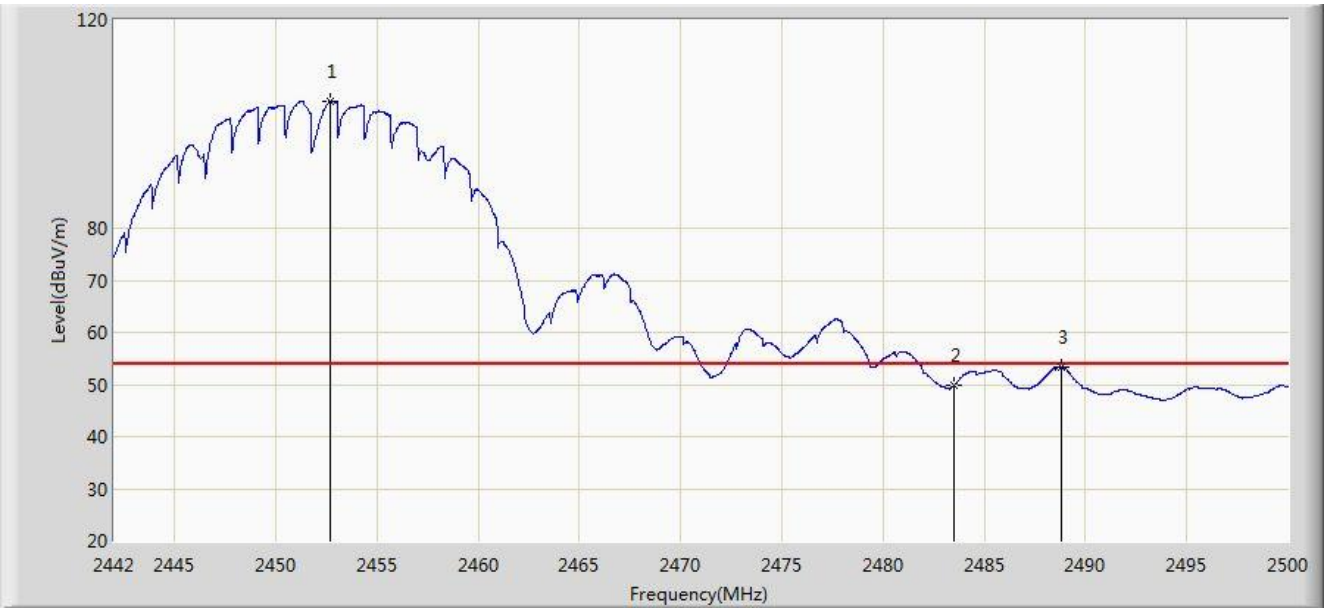
Site: AC1	Time: 2018/11/15 - 04:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.831	109.025	76.765	N/A	N/A	32.260	PK
2			2484.500	62.501	30.158	-11.499	74.000	32.343	PK
3			2485.413	63.739	31.392	-10.261	74.000	32.347	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2452MHz	

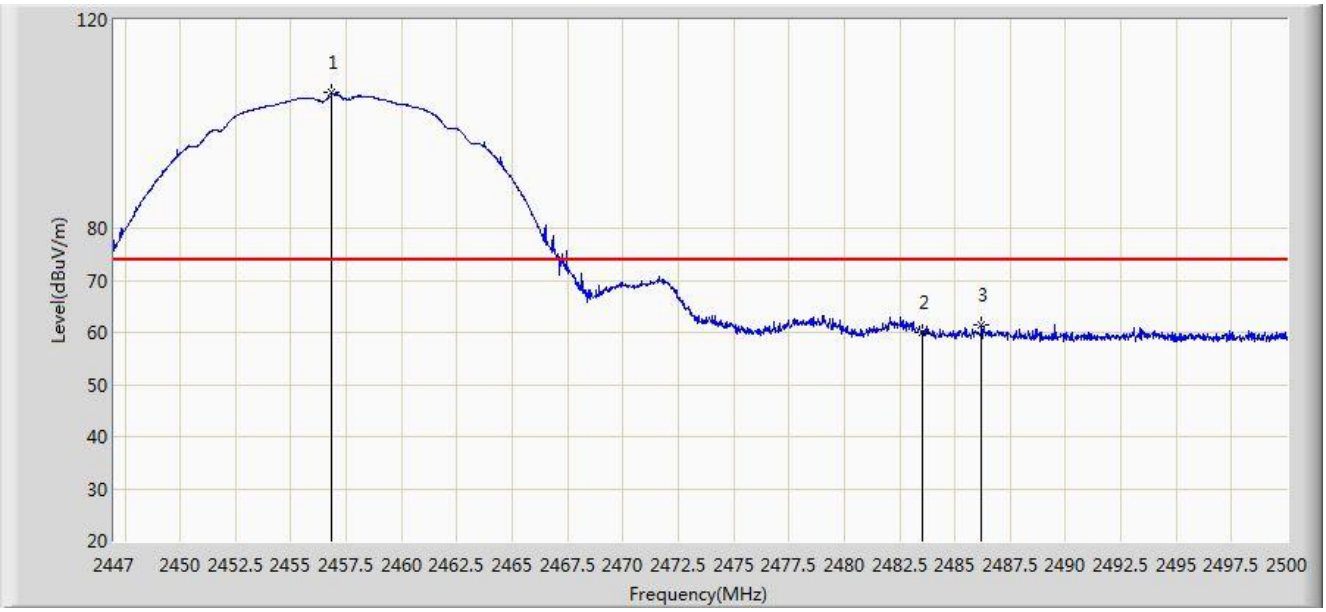


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.672	104.349	72.087	N/A	N/A	32.262	AV
2			2483.500	49.806	17.467	-4.194	54.000	32.340	AV
3			2488.777	53.425	21.065	-0.575	54.000	32.360	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2457MHz	

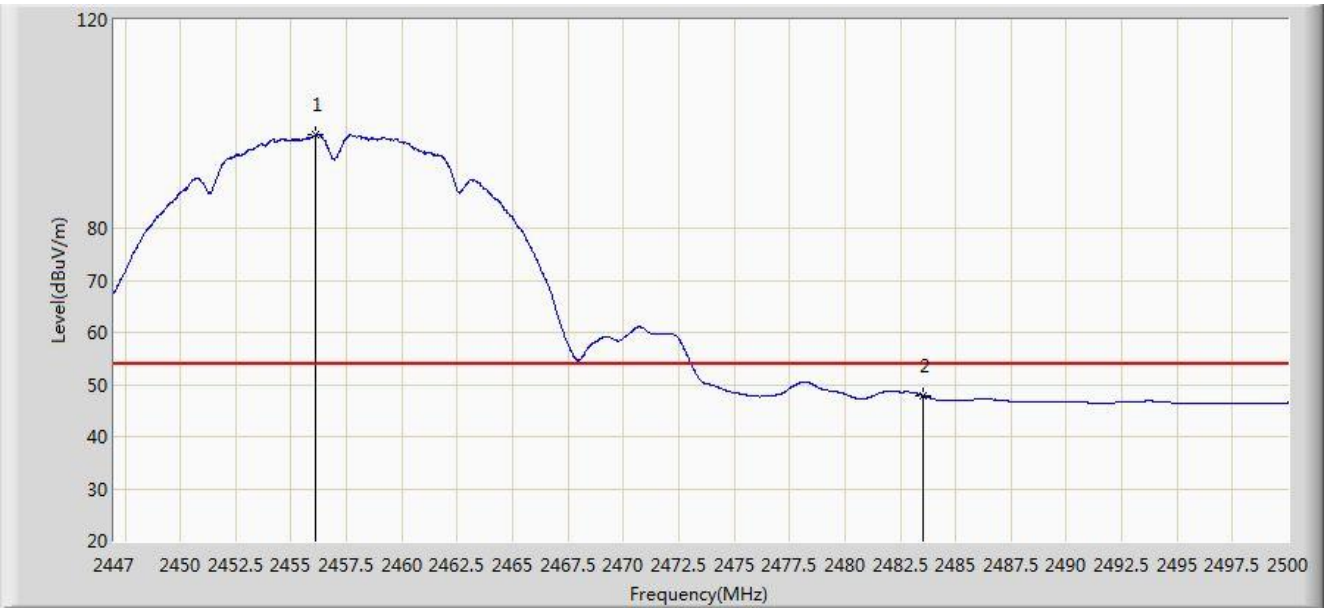


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.858	106.114	73.844	N/A	N/A	32.270	PK
2			2483.500	60.062	27.723	-13.938	74.000	32.340	PK
3			2486.194	61.529	29.179	-12.471	74.000	32.349	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2457MHz	

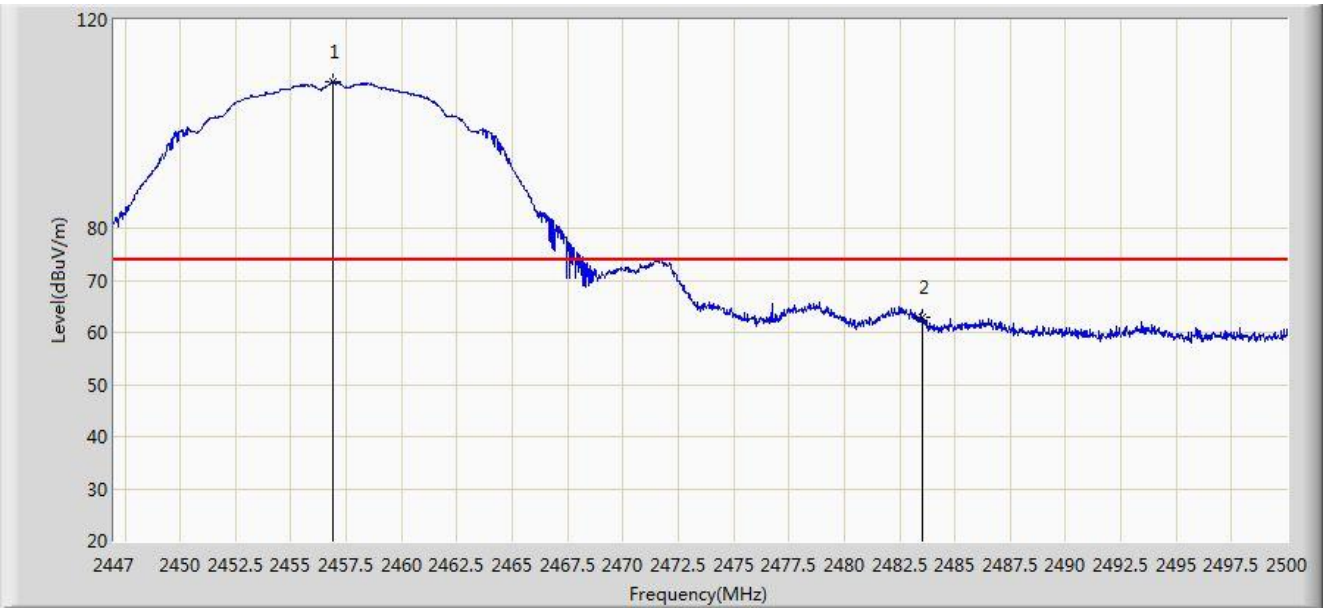


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.116	97.836	65.568	N/A	N/A	32.268	AV
2			2483.500	47.941	15.602	-6.059	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2457MHz	

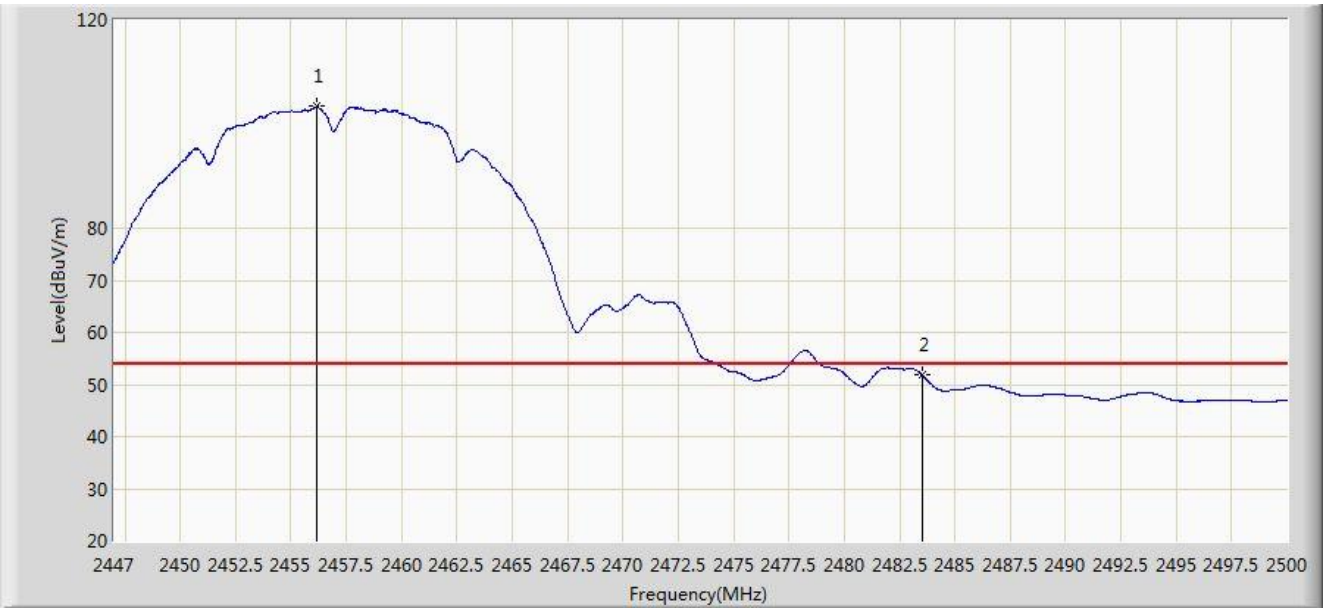


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.911	108.174	75.904	N/A	N/A	32.270	PK
2			2483.500	62.907	30.568	-11.093	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2457MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.143	103.386	71.117	N/A	N/A	32.268	AV
2			2483.500	51.877	19.538	-2.123	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.912	102.623	70.343	N/A	N/A	32.280	PK
2			2483.500	57.689	25.350	-16.311	74.000	32.340	PK
3			2487.640	59.300	26.945	-14.700	74.000	32.355	PK

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

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

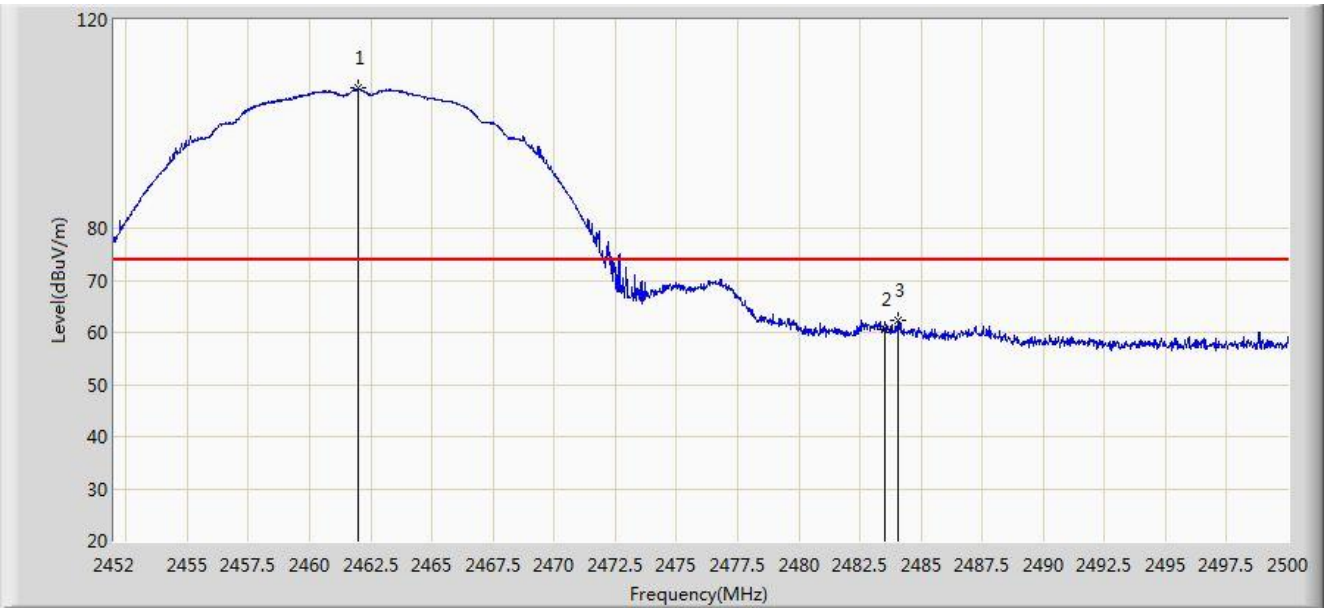
Site: AC1	Time: 2018/11/14 - 06:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.800	97.926	65.644	N/A	N/A	32.282	AV
2			2483.500	48.797	16.458	-5.203	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.960	106.892	74.612	N/A	N/A	32.280	PK
2			2483.500	60.656	28.317	-13.344	74.000	32.340	PK
3			2484.088	62.402	30.061	-11.598	74.000	32.342	PK

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

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

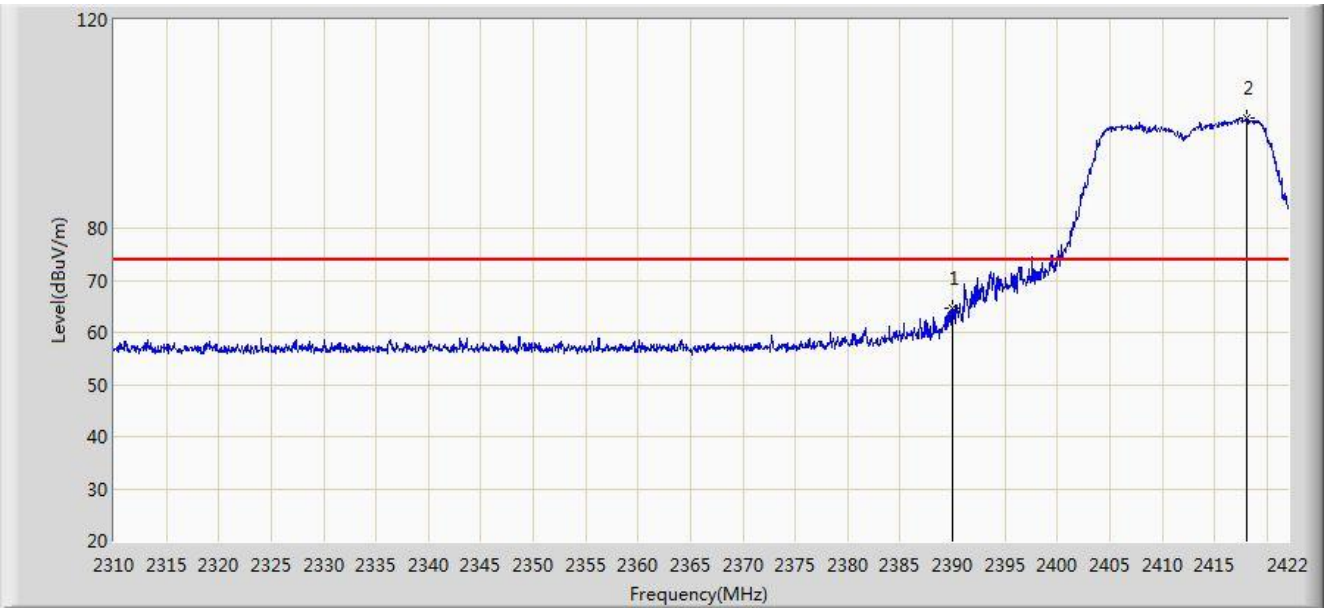
Site: AC1	Time: 2018/11/14 - 06:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.168	101.894	69.615	N/A	N/A	32.279	AV
2			2483.500	51.914	19.575	-2.086	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

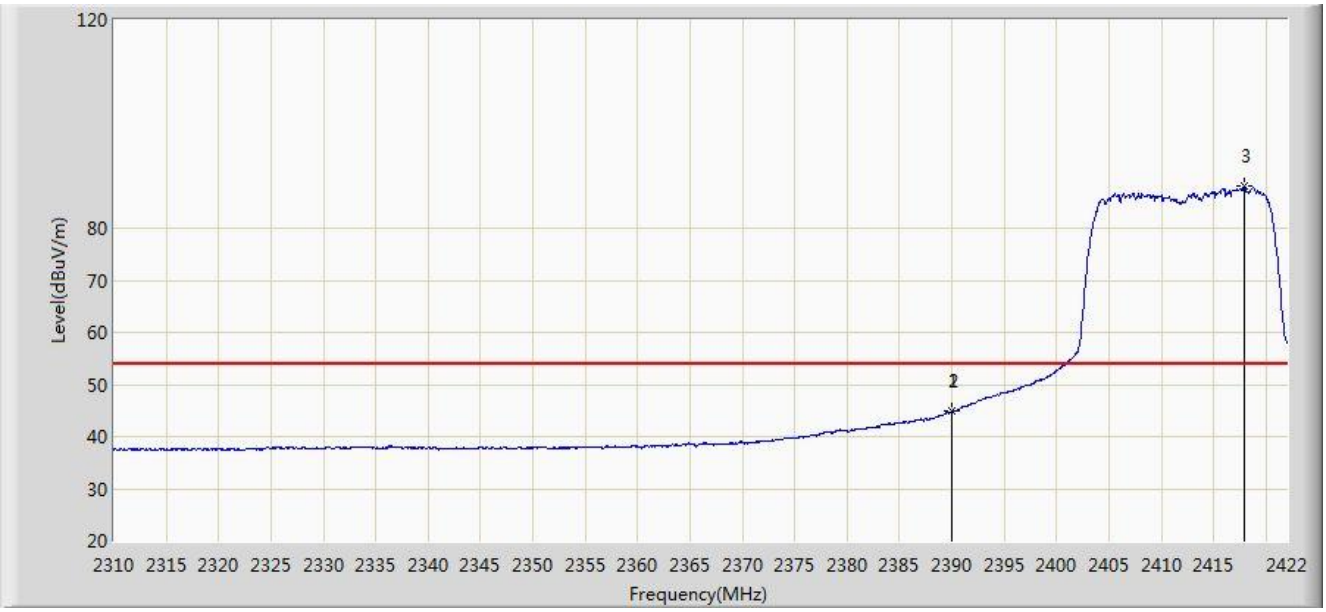


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	64.579	32.252	-9.421	74.000	32.327	PK
2		*	2418.080	101.077	68.795	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/11/14 - 06:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

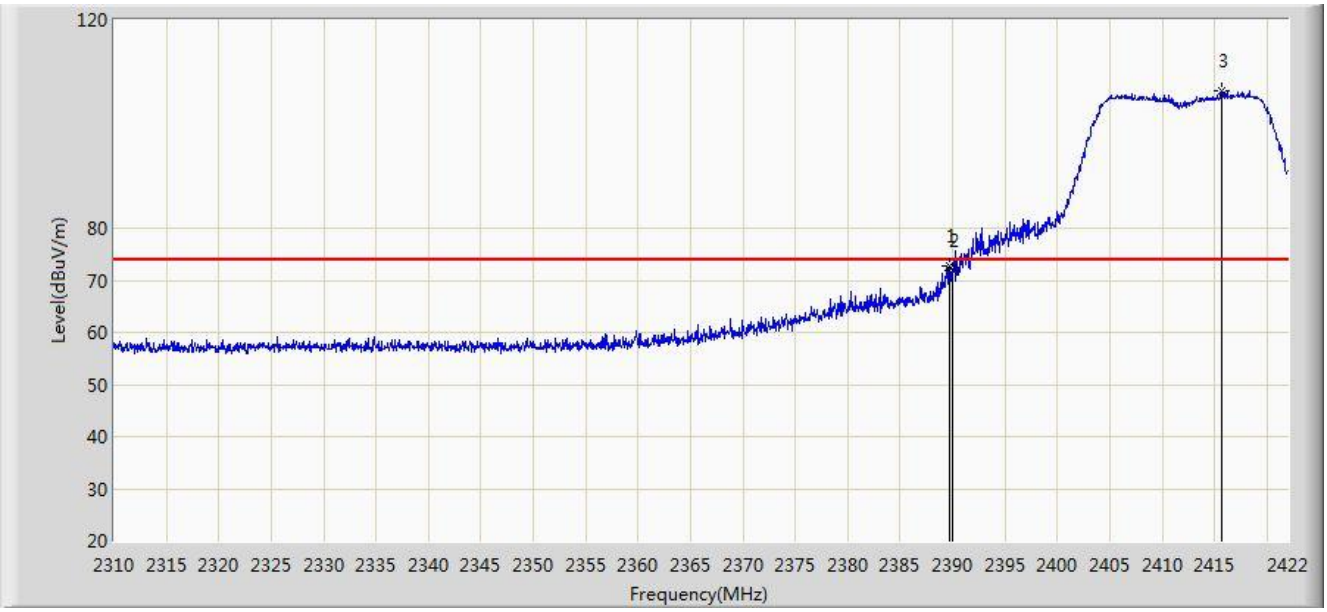


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	44.824	12.497	-9.176	54.000	32.327	AV
2			2390.000	44.819	12.492	-9.181	54.000	32.327	AV
3		*	2417.968	88.043	55.761	N/A	N/A	32.283	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

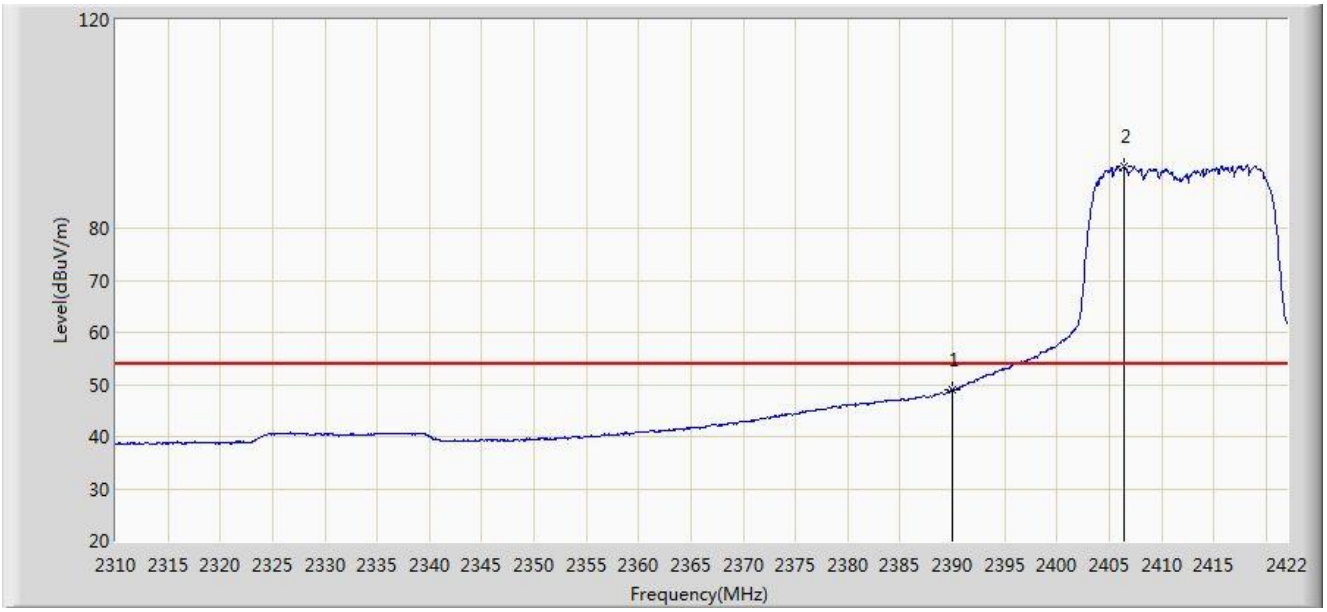


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	72.894	40.567	-1.106	74.000	32.327	PK
2			2390.000	71.835	39.508	-2.165	74.000	32.327	PK
3		*	2415.728	106.435	74.152	N/A	N/A	32.283	PK

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

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

Site: AC1	Time: 2018/11/14 - 06:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

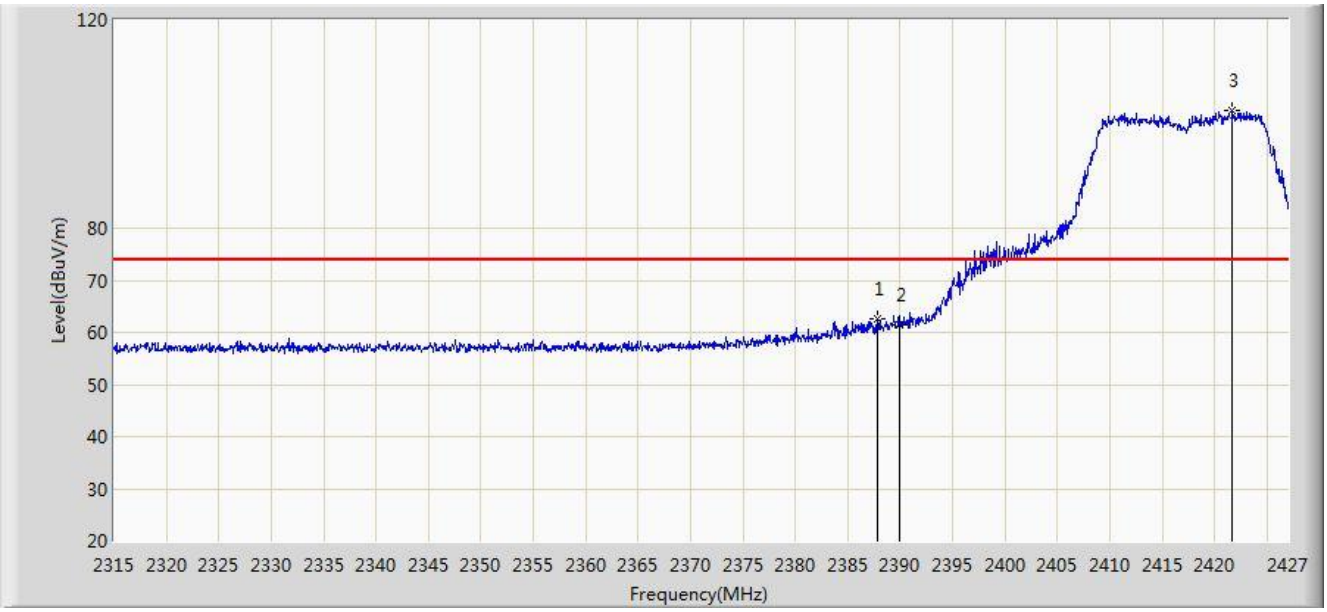


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.965	16.638	-5.035	54.000	32.327	AV
2		*	2406.488	91.895	59.600	N/A	N/A	32.294	AV

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

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

Site: AC1	Time: 2018/11/14 - 07:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2417MHz	

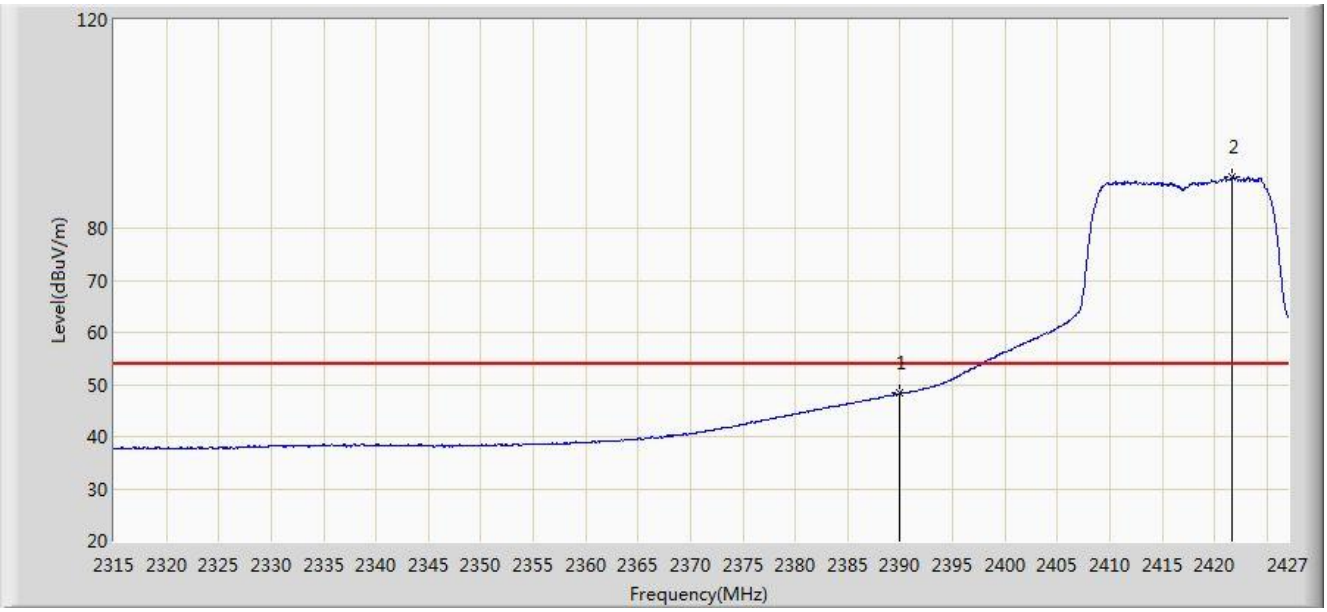


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.856	62.753	30.423	-11.247	74.000	32.329	PK
2			2390.000	61.477	29.150	-12.523	74.000	32.327	PK
3		*	2421.736	102.644	70.363	N/A	N/A	32.281	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2417MHz	

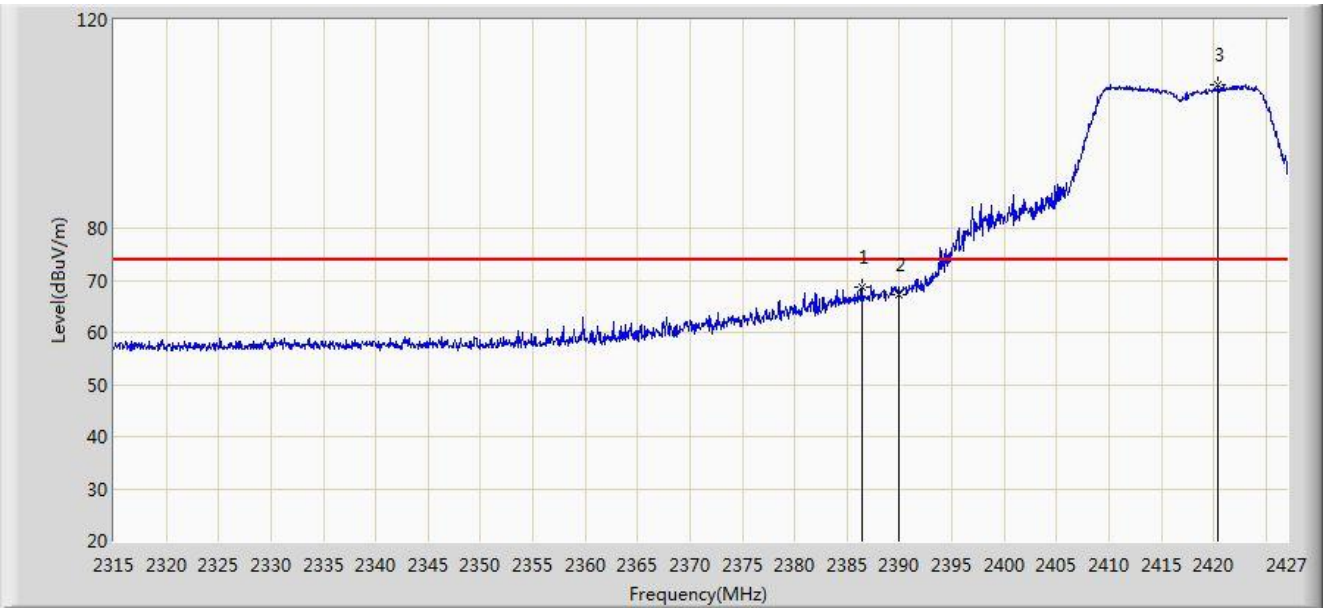


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.262	15.935	-5.738	54.000	32.327	AV
2		*	2421.736	89.722	57.441	N/A	N/A	32.281	AV

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

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

Site: AC1	Time: 2018/11/14 - 07:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2417MHz	

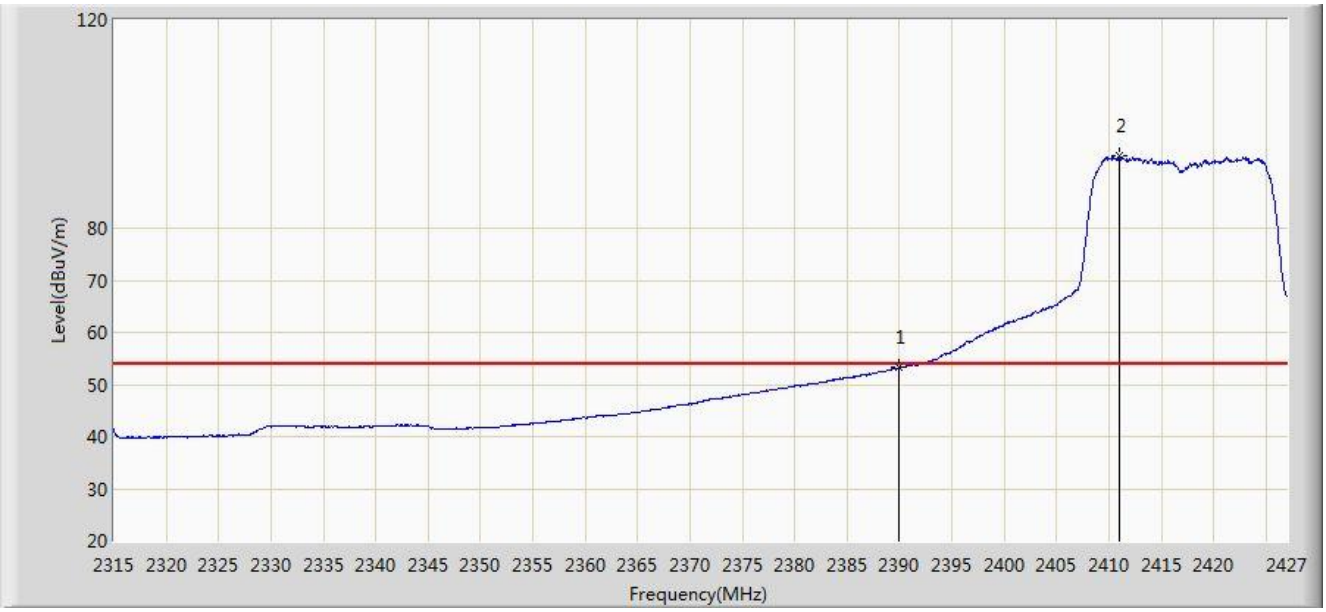


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.400	68.764	36.432	-5.236	74.000	32.332	PK
2			2390.000	67.307	34.980	-6.693	74.000	32.327	PK
3		*	2420.392	107.648	75.367	N/A	N/A	32.281	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2417MHz	

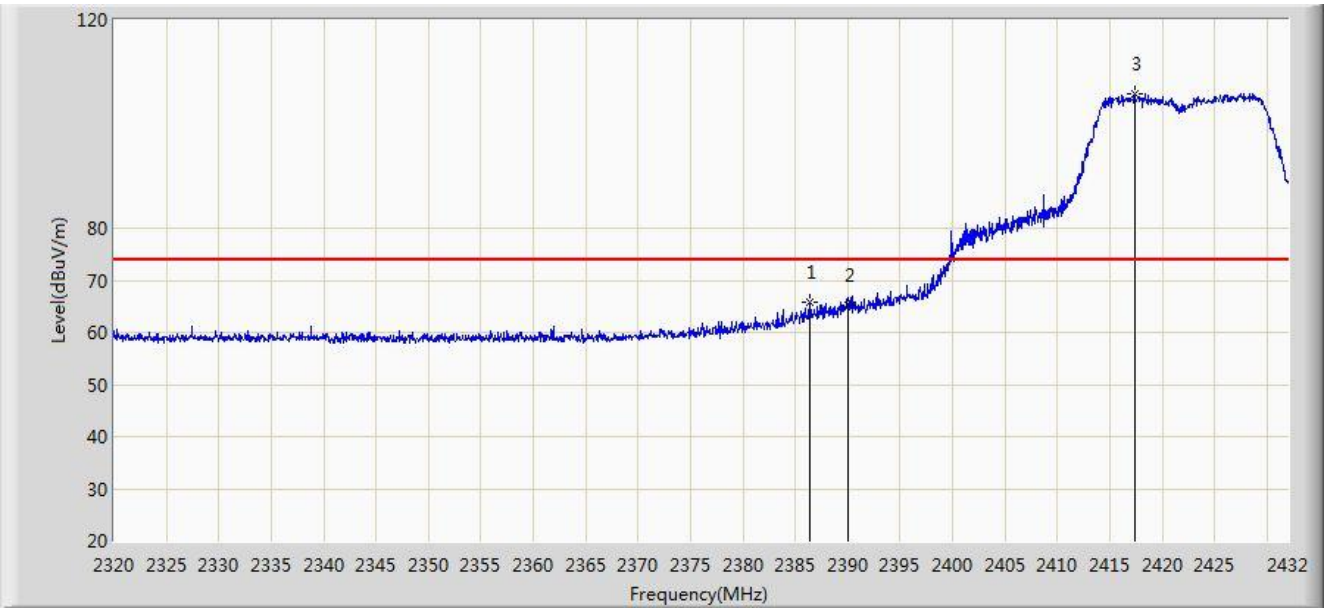


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.233	20.906	-0.767	54.000	32.327	AV
2		*	2411.040	93.816	61.531	N/A	N/A	32.285	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2422MHz	

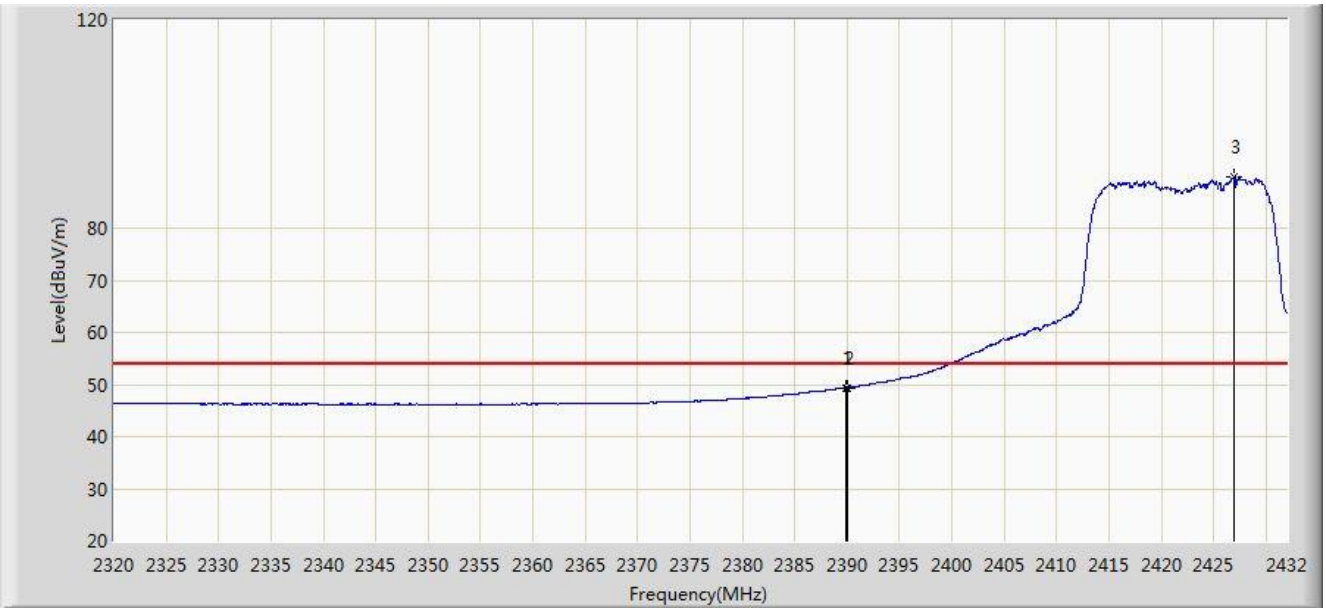


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.360	65.868	33.536	-8.132	74.000	32.332	PK
2			2390.000	65.362	33.035	-8.638	74.000	32.327	PK
3		*	2417.384	105.720	73.437	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2422MHz	

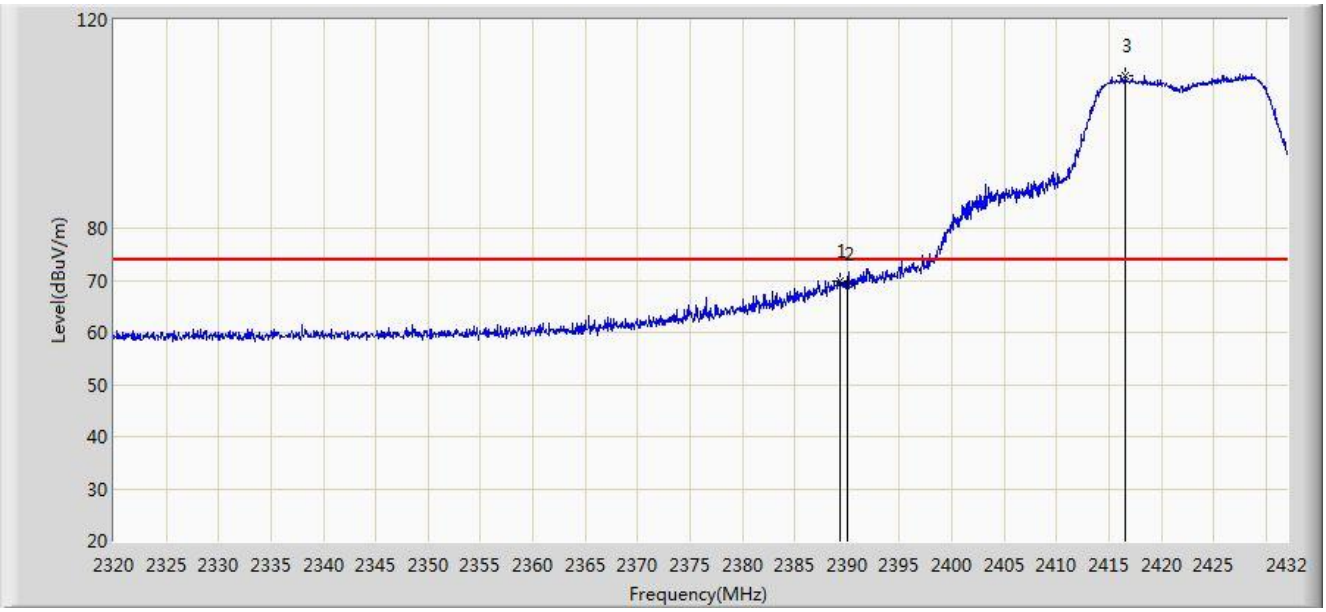


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.888	49.417	17.090	-4.583	54.000	32.327	AV
2			2390.000	49.372	17.045	-4.628	54.000	32.327	AV
3		*	2427.016	89.781	57.503	N/A	N/A	32.278	AV

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

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

Site: AC1	Time: 2018/11/15 - 04:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2422MHz	

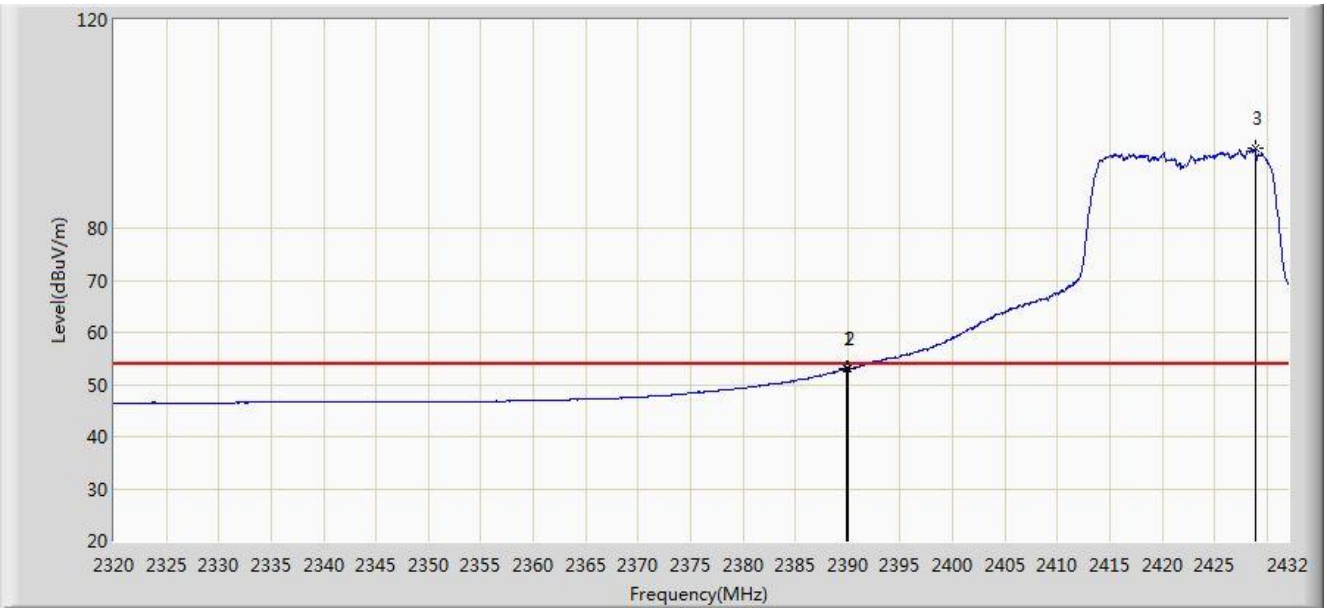


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.272	69.978	37.650	-4.022	74.000	32.328	PK
2			2390.000	69.249	36.922	-4.751	74.000	32.327	PK
3		*	2416.544	109.299	77.016	N/A	N/A	32.283	PK

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

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

Site: AC1	Time: 2018/11/15 - 04:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2422MHz	

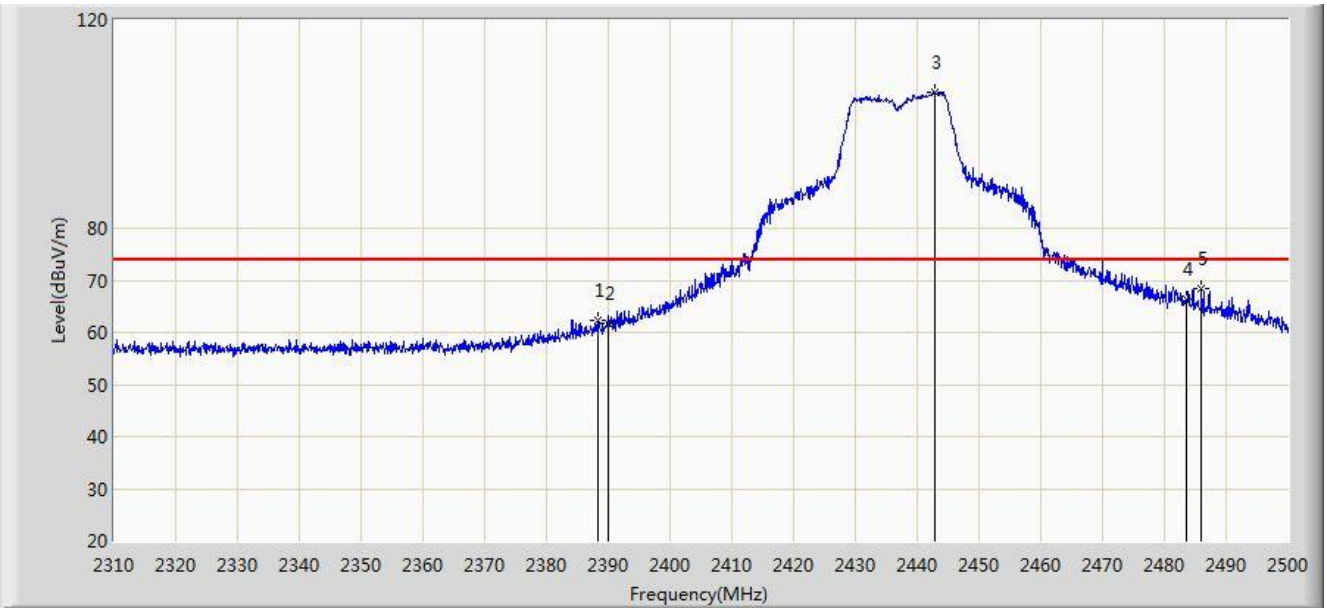


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.888	52.955	20.628	-1.045	54.000	32.327	AV
2			2390.000	52.934	20.607	-1.066	54.000	32.327	AV
3		*	2428.864	95.459	63.182	N/A	N/A	32.277	AV

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

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

Site: AC1	Time: 2018/11/14 - 07:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

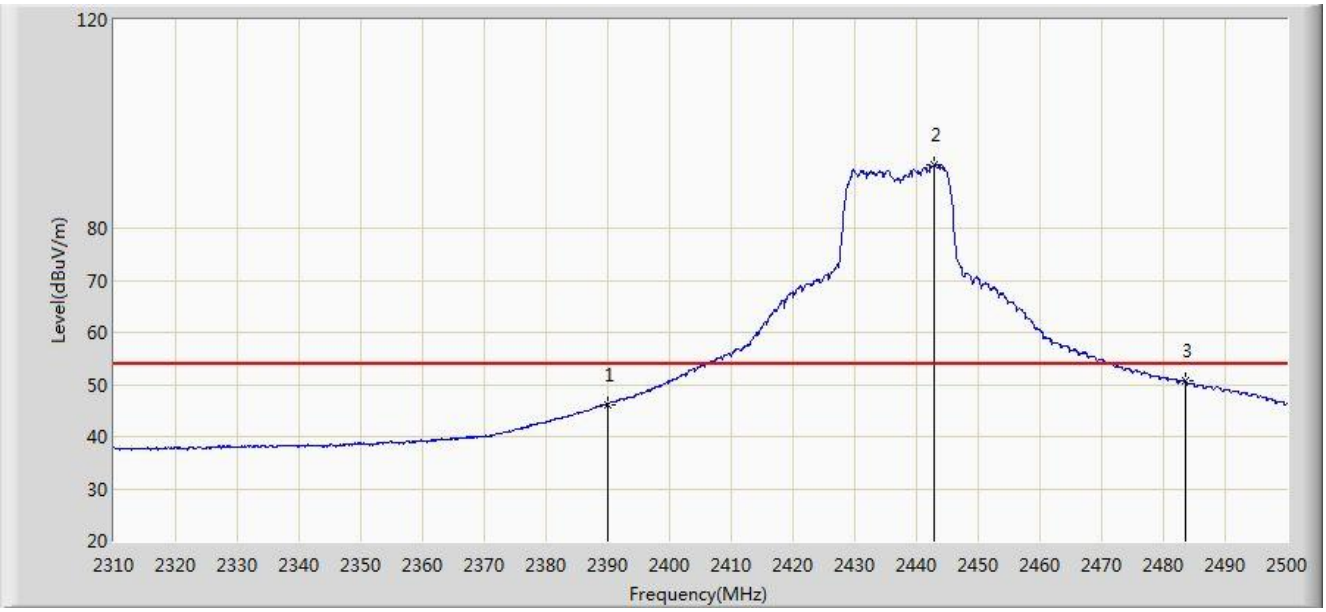


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.280	62.402	30.073	-11.598	74.000	32.329	PK
2			2390.000	61.629	29.302	-12.371	74.000	32.327	PK
3		*	2442.905	106.078	73.825	N/A	N/A	32.253	PK
4			2483.500	66.434	34.095	-7.566	74.000	32.340	PK
5			2486.035	68.531	36.182	-5.469	74.000	32.349	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

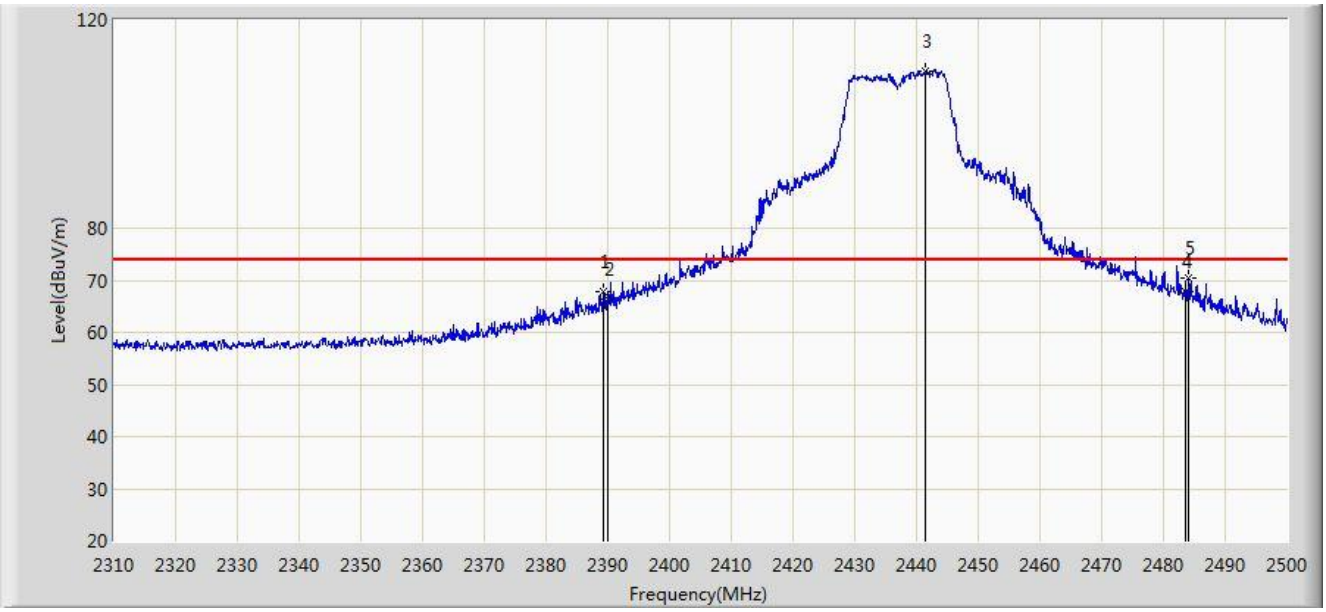


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.222	13.895	-7.778	54.000	32.327	AV
2		*	2442.810	92.315	60.062	N/A	N/A	32.253	AV
3			2483.500	50.654	18.315	-3.346	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 06:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

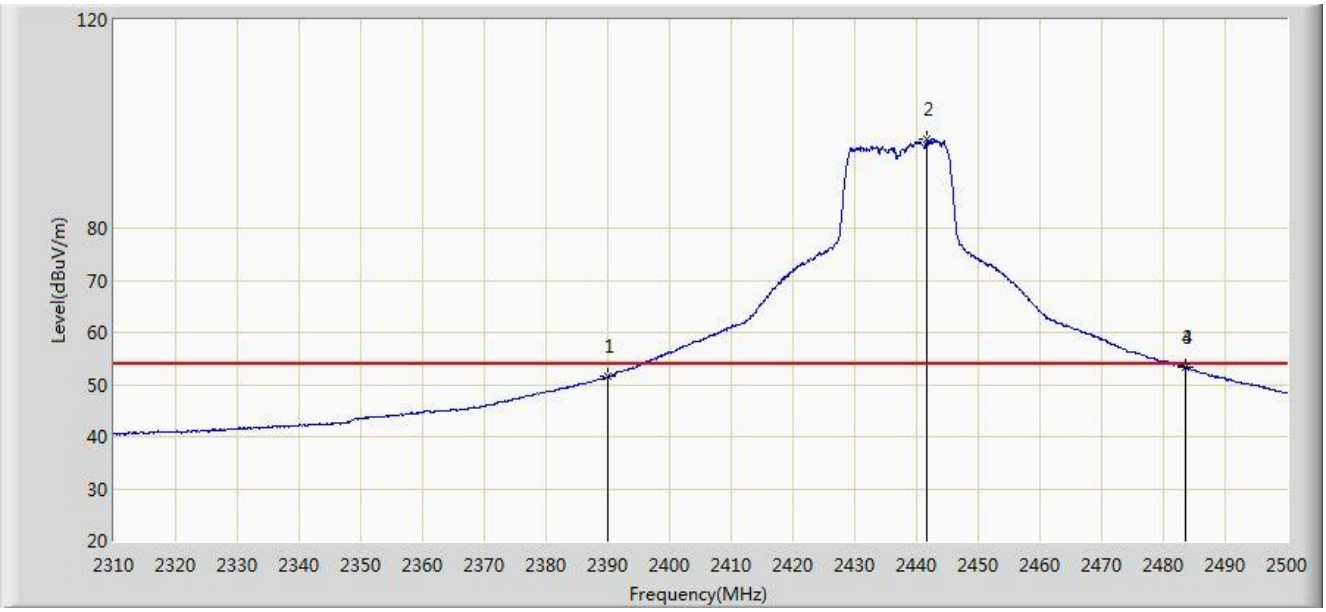


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.325	67.867	35.539	-6.133	74.000	32.328	PK
2			2390.000	66.509	34.182	-7.491	74.000	32.327	PK
3		*	2441.385	110.258	78.002	N/A	N/A	32.255	PK
4			2483.500	67.756	35.417	-6.244	74.000	32.340	PK
5			2484.135	70.318	37.976	-3.682	74.000	32.342	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

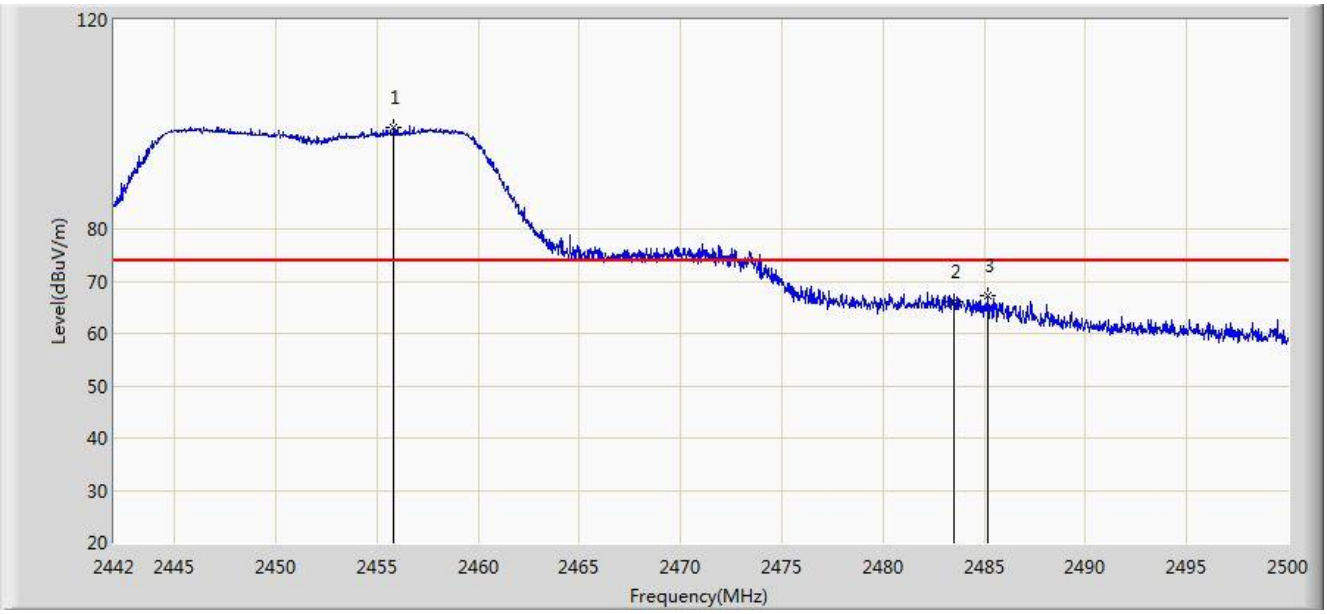


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.564	19.237	-2.436	54.000	32.327	AV
2		*	2441.765	97.185	64.930	N/A	N/A	32.256	AV
3			2483.500	53.449	21.110	-0.551	54.000	32.340	AV
4			2483.565	53.469	21.130	-0.531	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 06:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2452MHz	

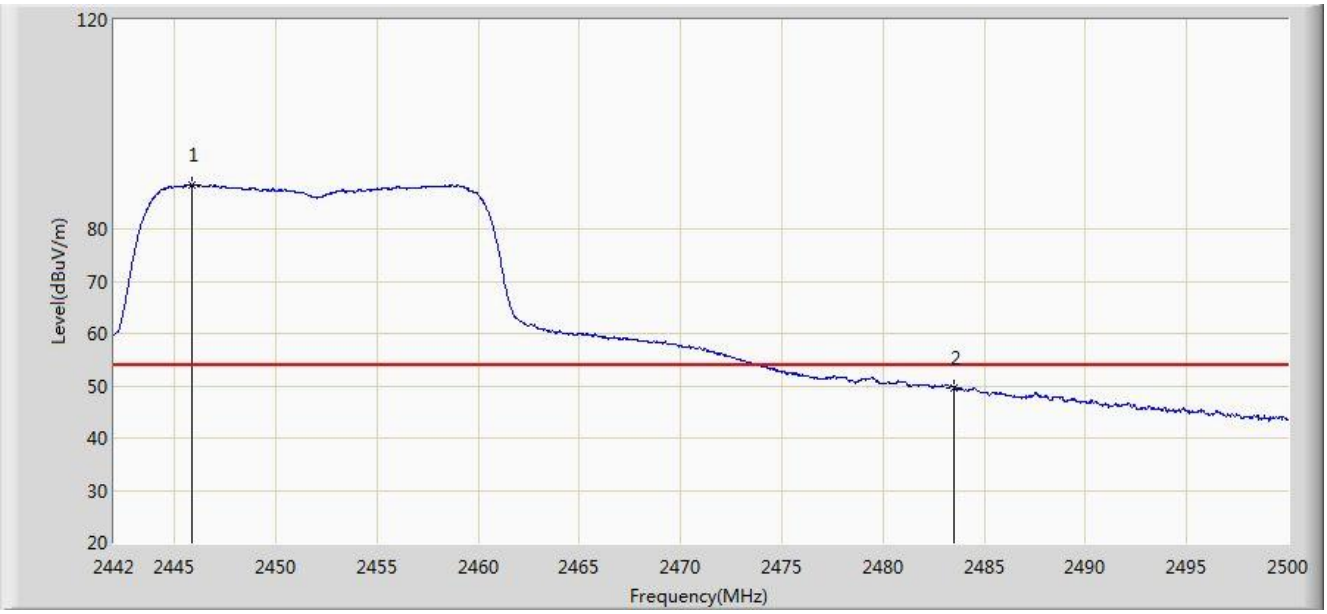


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.833	99.512	67.244	N/A	N/A	32.268	PK
2			2483.500	65.952	33.613	-8.048	74.000	32.340	PK
3			2485.152	67.103	34.757	-6.897	74.000	32.346	PK

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

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

Site: AC1	Time: 2018/11/22 - 06:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2452MHz	

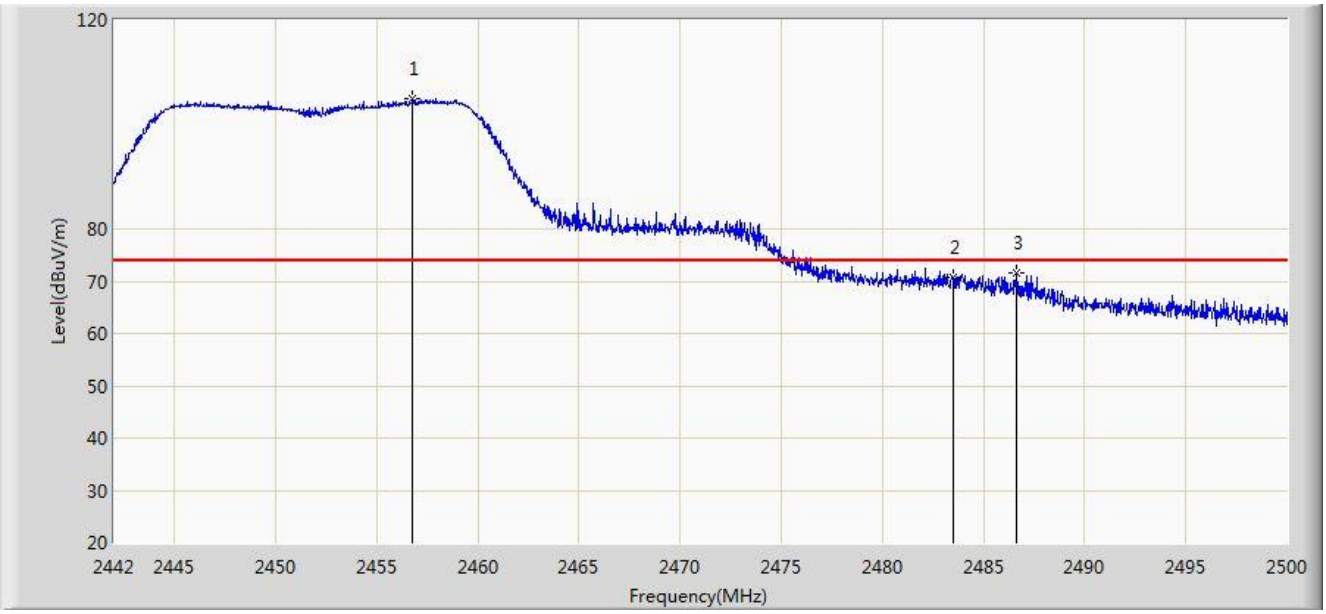


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.886	88.427	56.178	N/A	N/A	32.249	AV
2			2483.500	49.709	17.370	-4.291	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 06:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2452MHz	

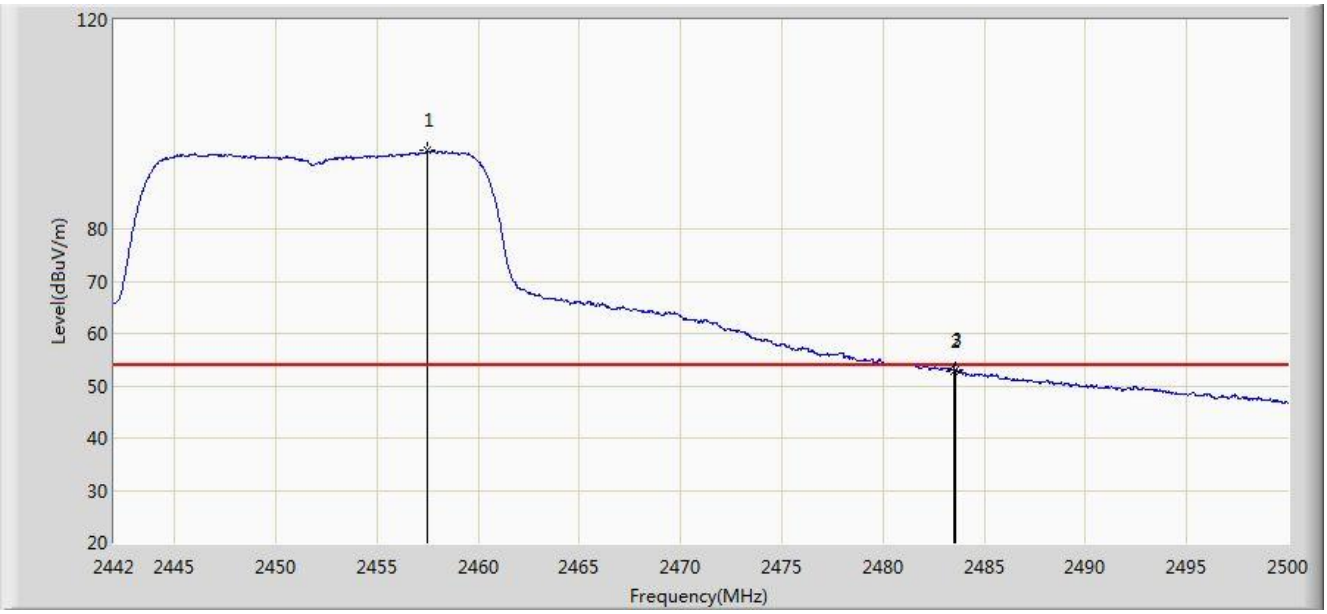


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.790	104.822	72.552	N/A	N/A	32.270	PK
2			2483.500	70.739	38.400	-3.261	74.000	32.340	PK
3			2486.660	71.652	39.300	-2.348	74.000	32.351	PK

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

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

Site: AC1	Time: 2018/11/22 - 06:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2452MHz	

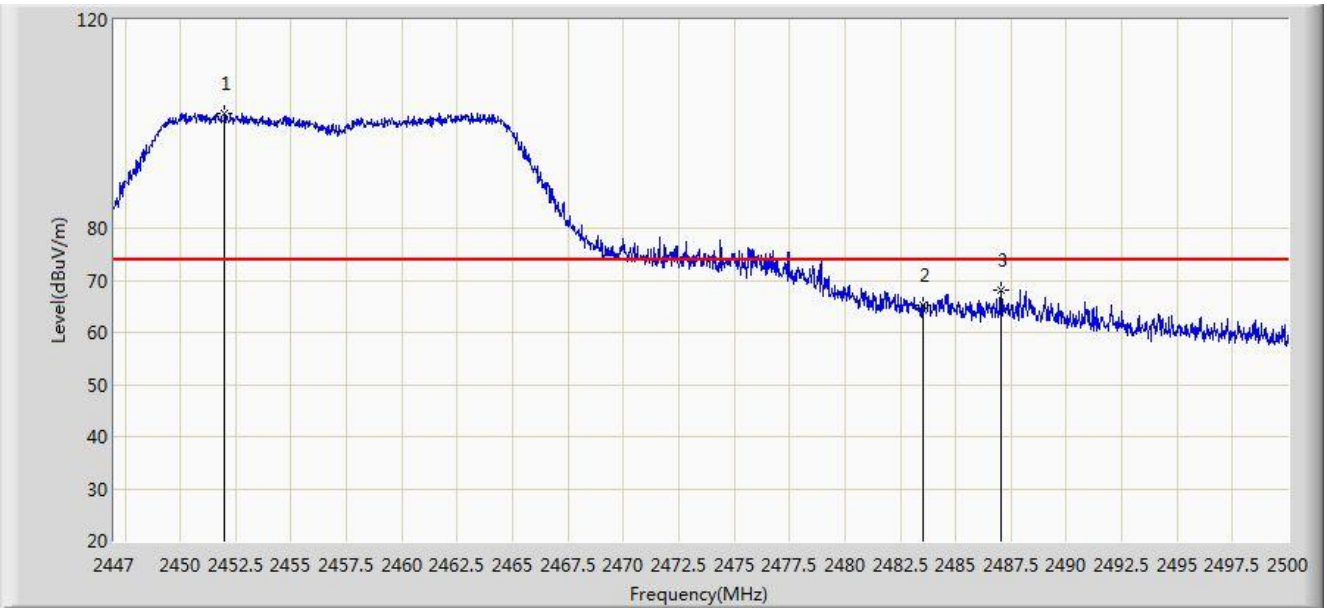


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.486	94.984	62.713	N/A	N/A	32.271	AV
2			2483.500	52.757	20.418	-1.243	54.000	32.340	AV
3			2483.586	52.921	20.582	-1.079	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2457MHz	

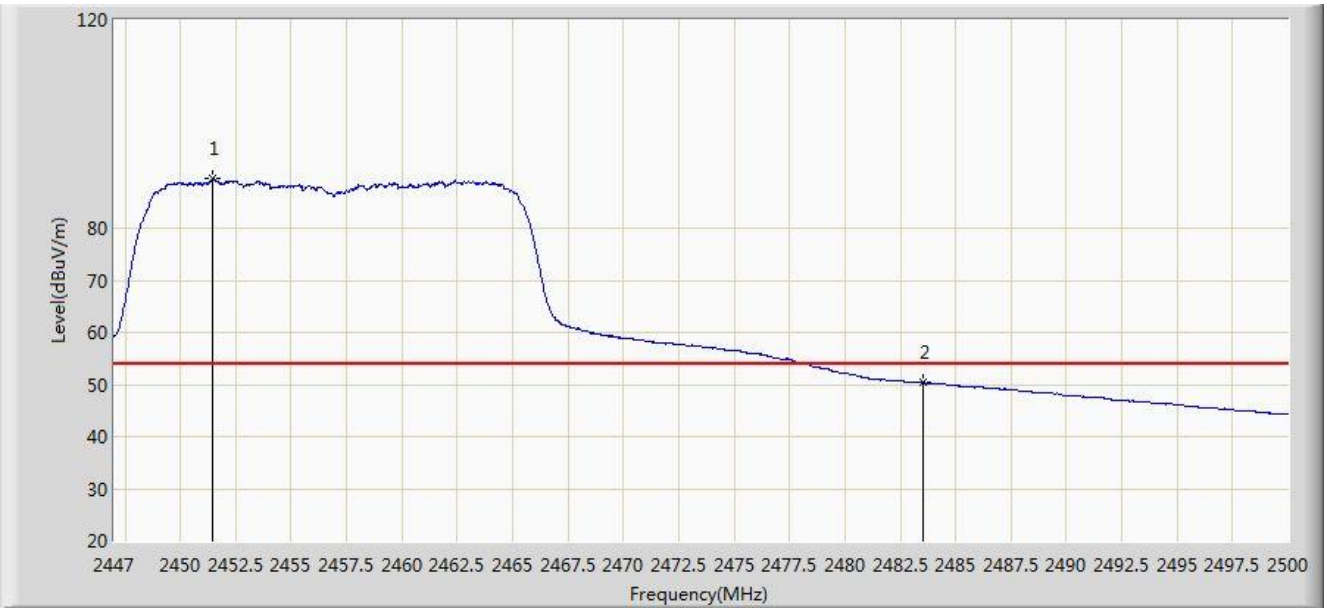


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.009	102.167	69.907	N/A	N/A	32.260	PK
2			2483.500	65.154	32.815	-8.846	74.000	32.340	PK
3			2487.068	68.098	35.745	-5.902	74.000	32.353	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2457MHz	

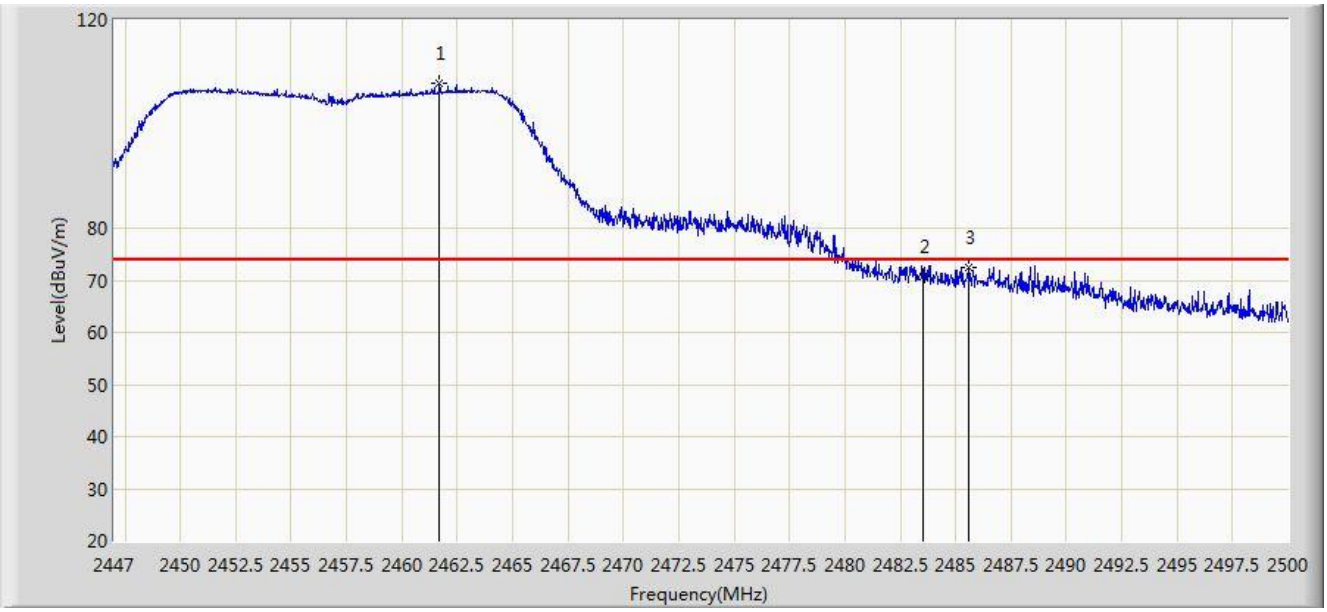


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.479	89.478	57.219	N/A	N/A	32.259	AV
2			2483.500	50.462	18.123	-3.538	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2457MHz	

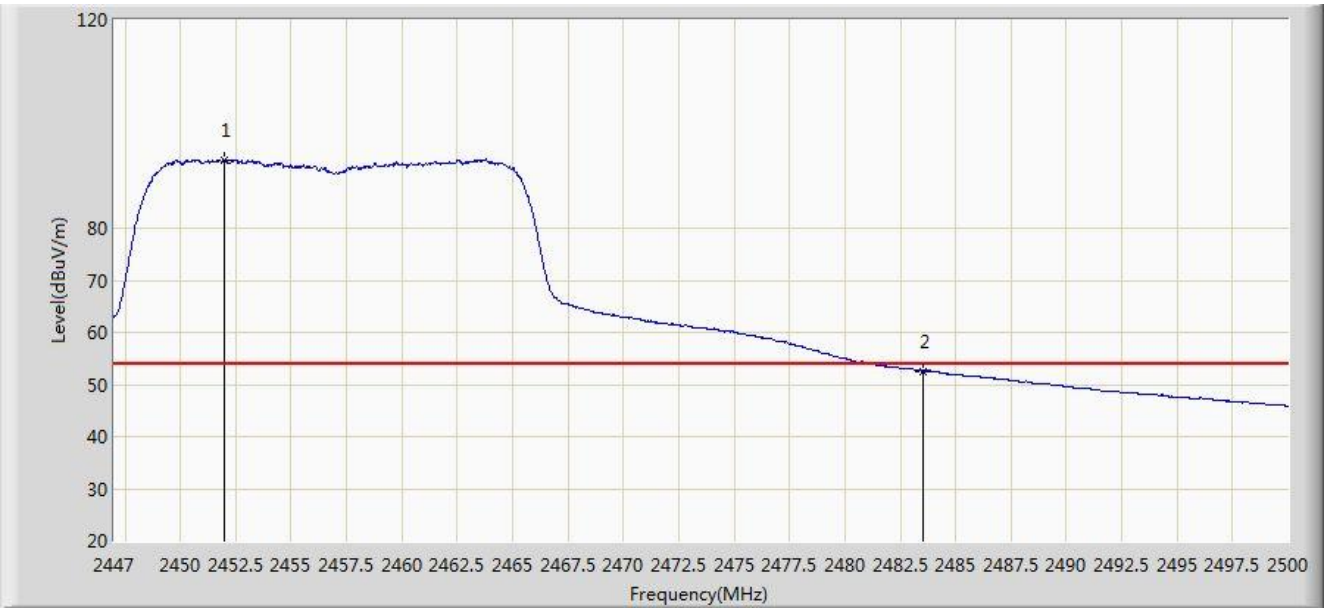


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.708	107.861	75.581	N/A	N/A	32.280	PK
2			2483.500	70.680	38.341	-3.320	74.000	32.340	PK
3			2485.584	72.374	40.027	-1.626	74.000	32.347	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2457MHz	

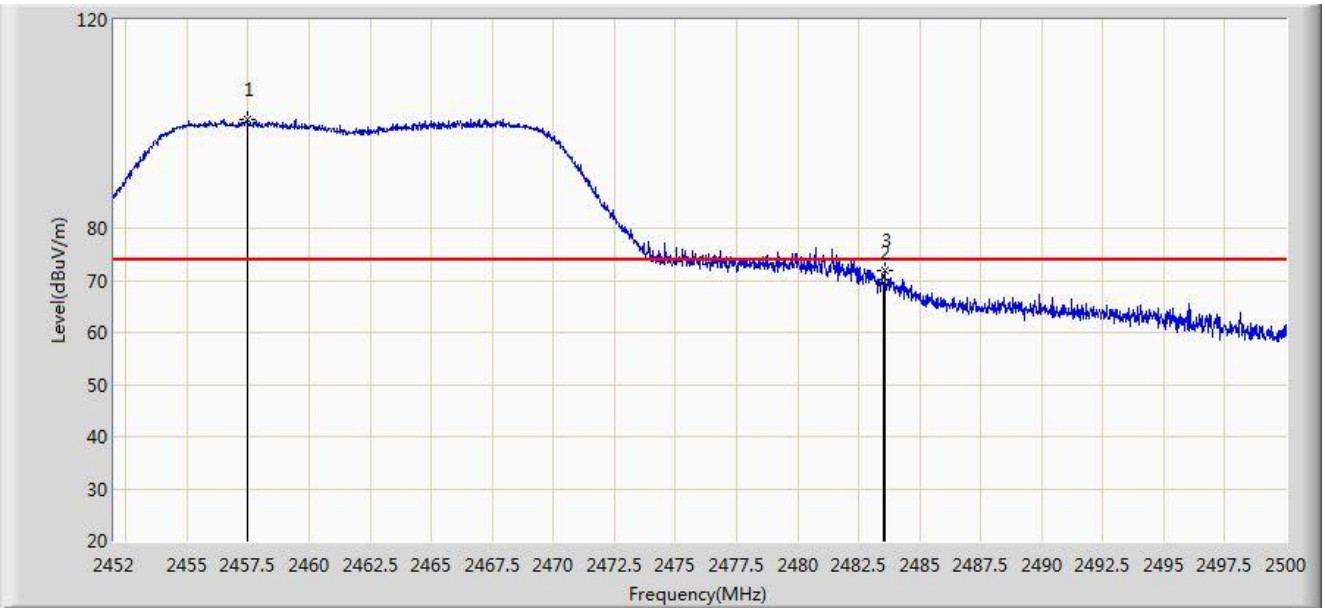


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2451.956	93.156	60.896	N/A	N/A	32.260	AV
2			2483.500	52.584	20.245	-1.416	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 07:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

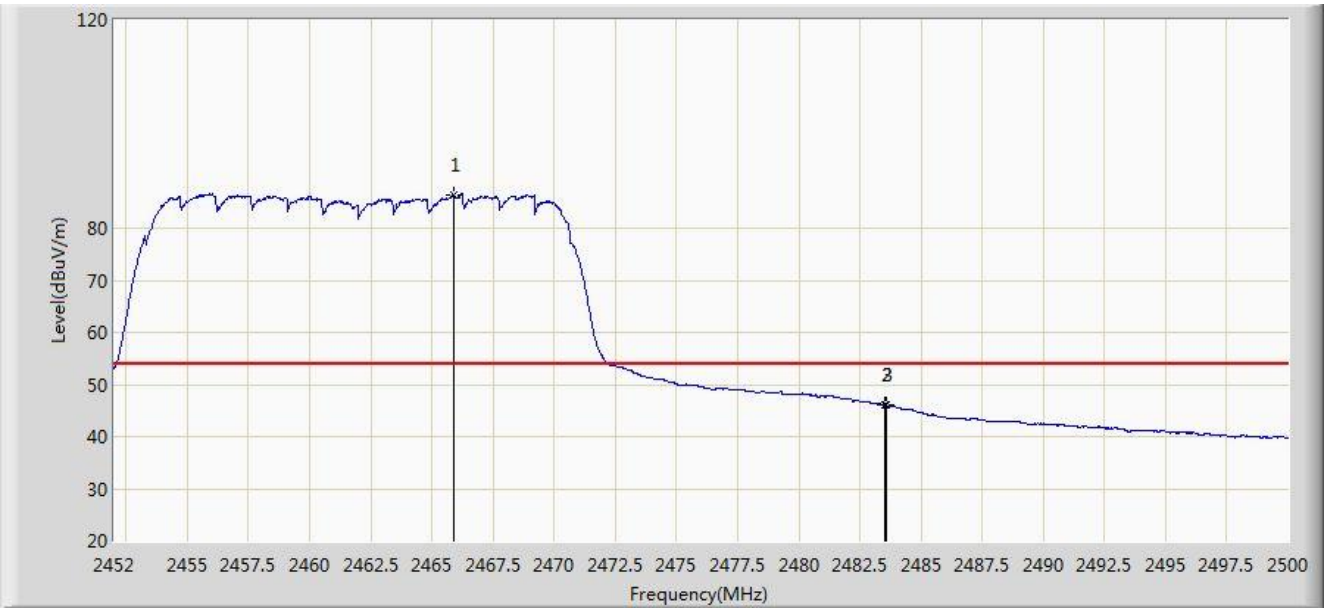


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.496	100.996	68.725	N/A	N/A	32.271	PK
2			2483.500	69.571	37.232	-4.429	74.000	32.340	PK
3			2483.584	71.770	39.431	-2.230	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

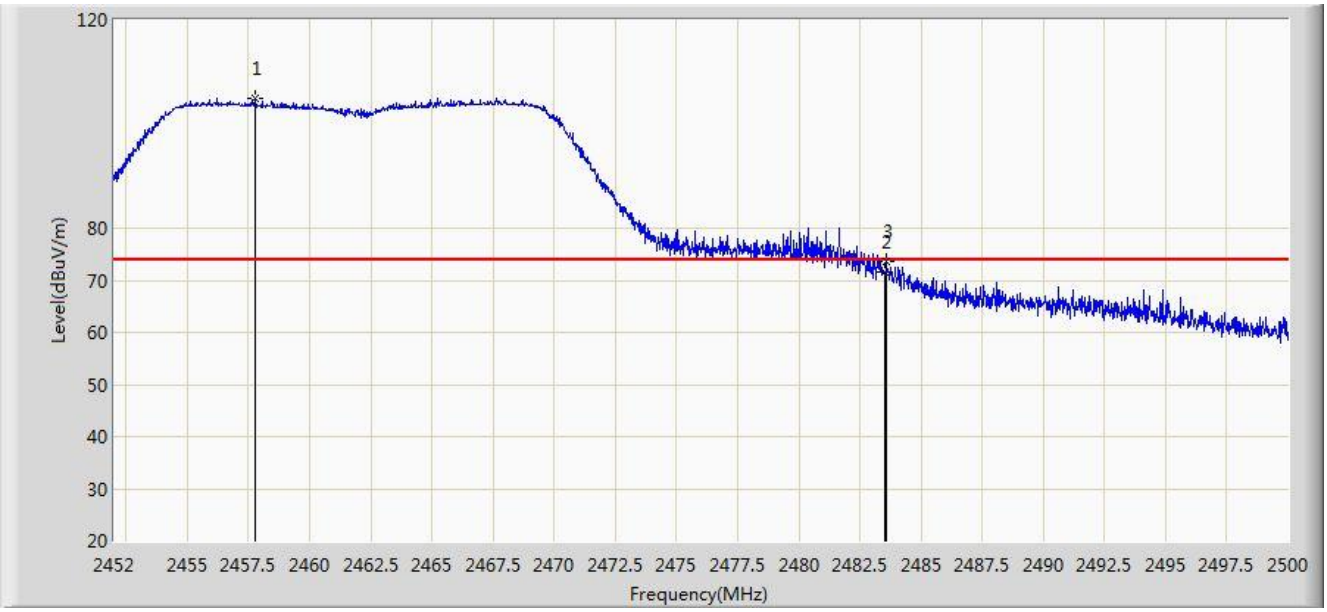


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.872	86.424	54.136	N/A	N/A	32.289	AV
2			2483.500	46.134	13.795	-7.866	54.000	32.340	AV
3			2483.584	46.143	13.804	-7.857	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 07:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

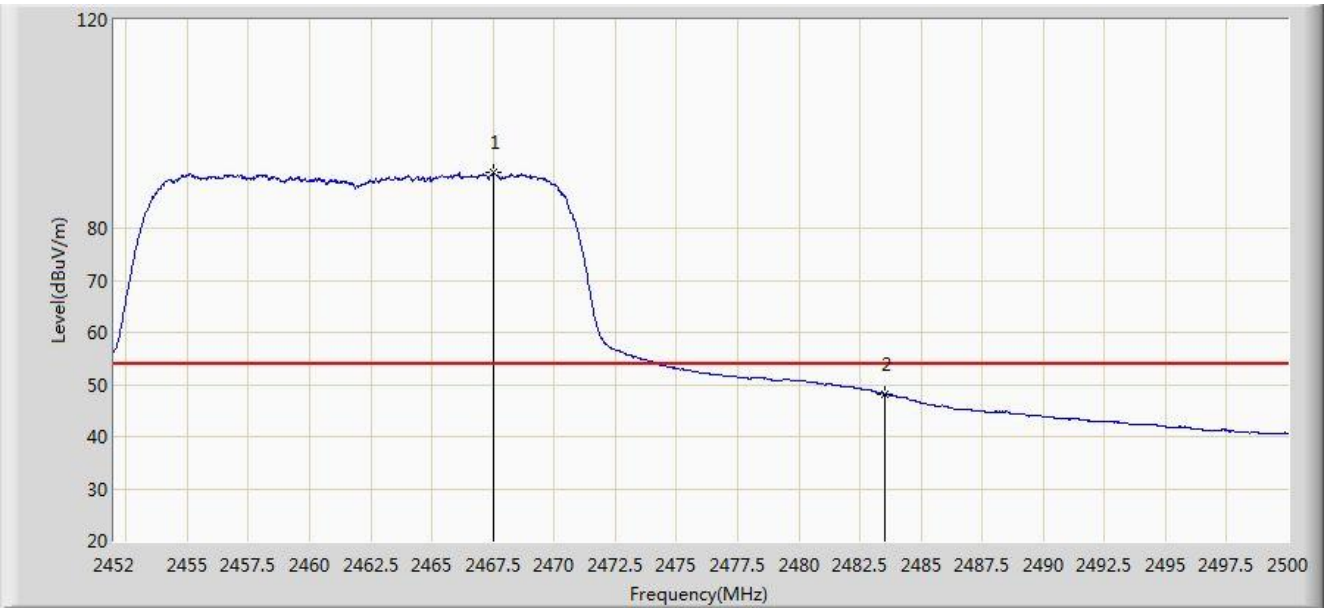


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.760	104.960	72.688	N/A	N/A	32.272	PK
2			2483.500	71.573	39.234	-2.427	74.000	32.340	PK
3			2483.584	73.655	41.316	-0.345	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/14 - 07:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

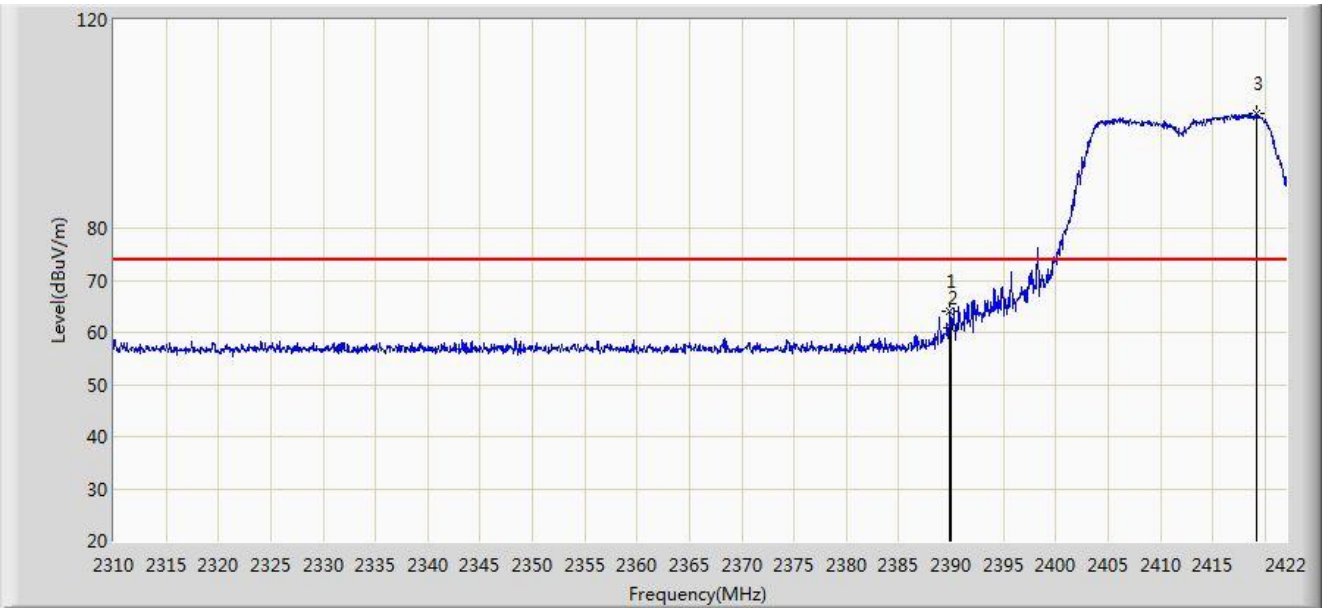


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.504	90.726	58.433	N/A	N/A	32.293	AV
2			2483.500	48.074	15.735	-5.926	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

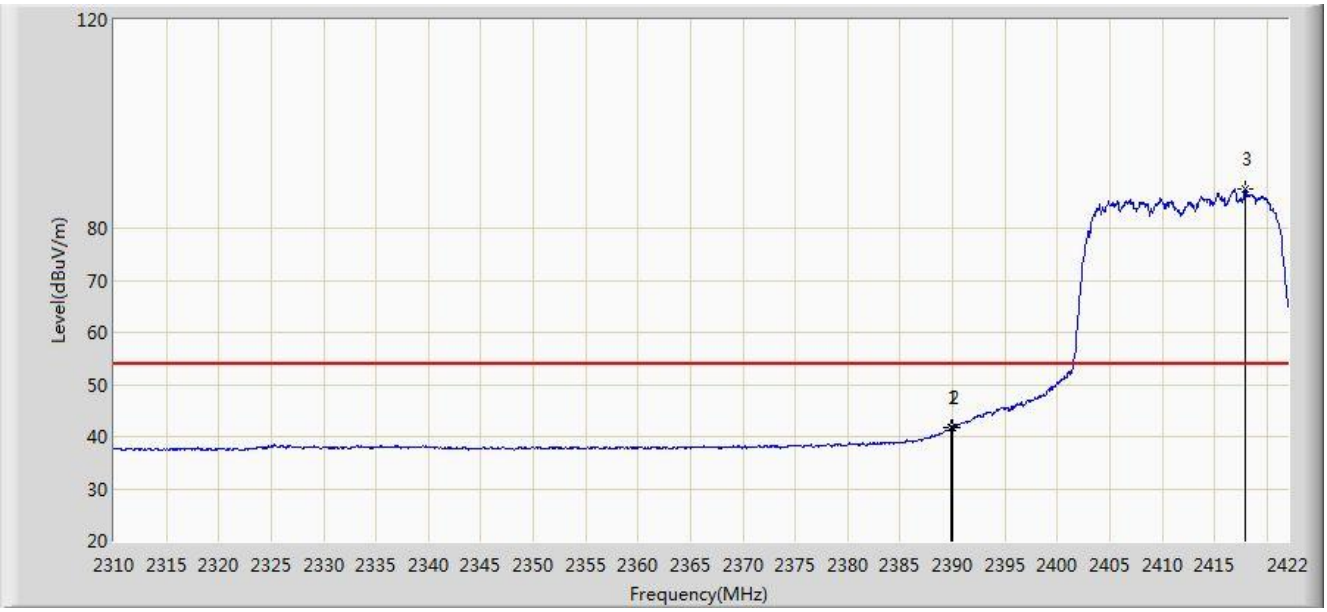


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	63.972	31.645	-10.028	74.000	32.327	PK
2			2390.000	60.798	28.471	-13.202	74.000	32.327	PK
3		*	2419.144	102.167	69.885	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

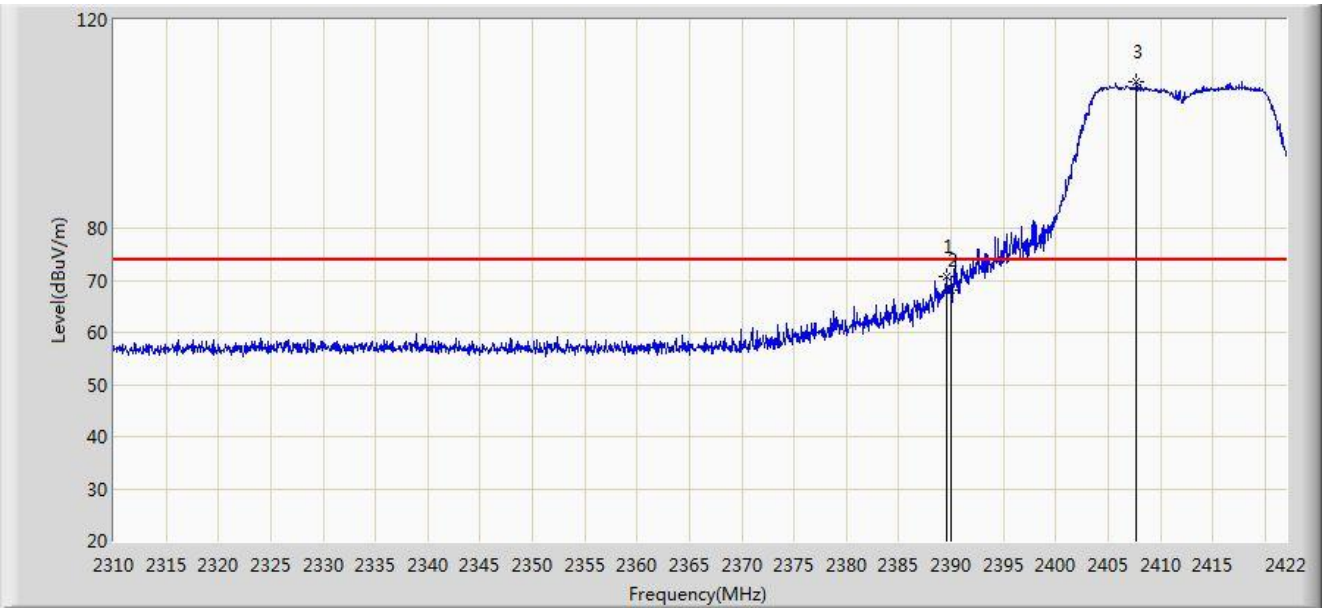


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	41.867	9.540	-12.133	54.000	32.327	AV
2			2390.000	41.640	9.313	-12.360	54.000	32.327	AV
3		*	2417.968	87.632	55.350	N/A	N/A	32.283	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

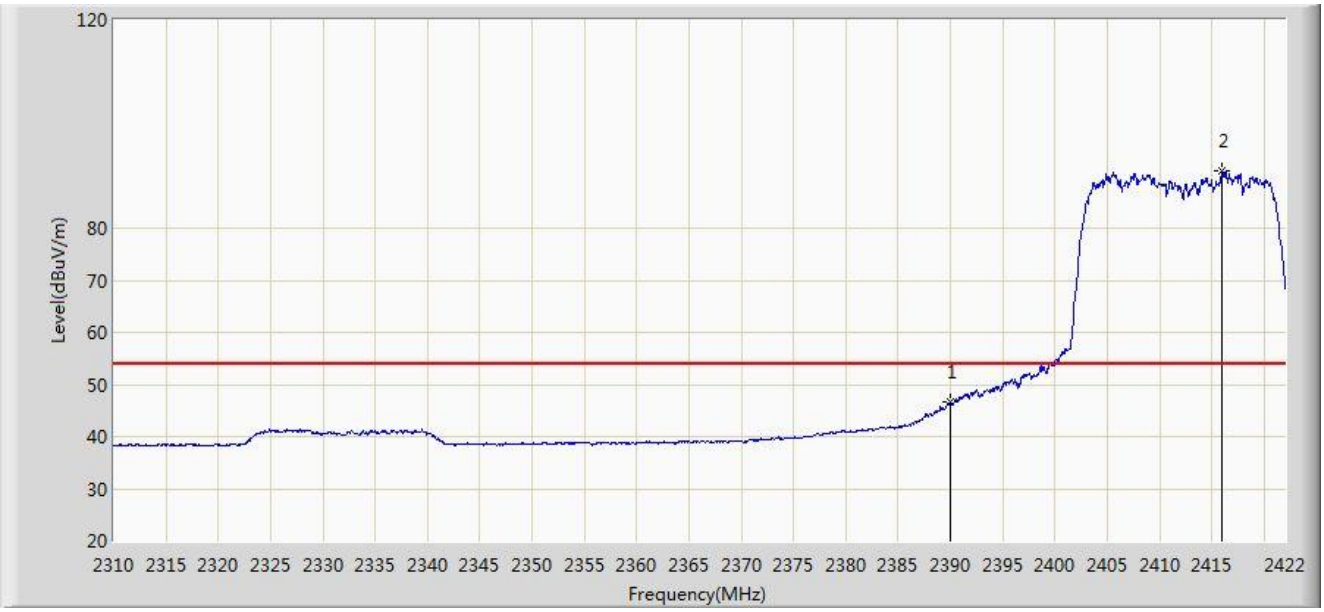


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.520	70.706	38.378	-3.294	74.000	32.327	PK
2			2390.000	68.172	35.845	-5.828	74.000	32.327	PK
3		*	2407.720	108.081	75.789	N/A	N/A	32.292	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.606	14.279	-7.394	54.000	32.327	AV
2		*	2416.008	91.143	58.860	N/A	N/A	32.283	AV

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

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

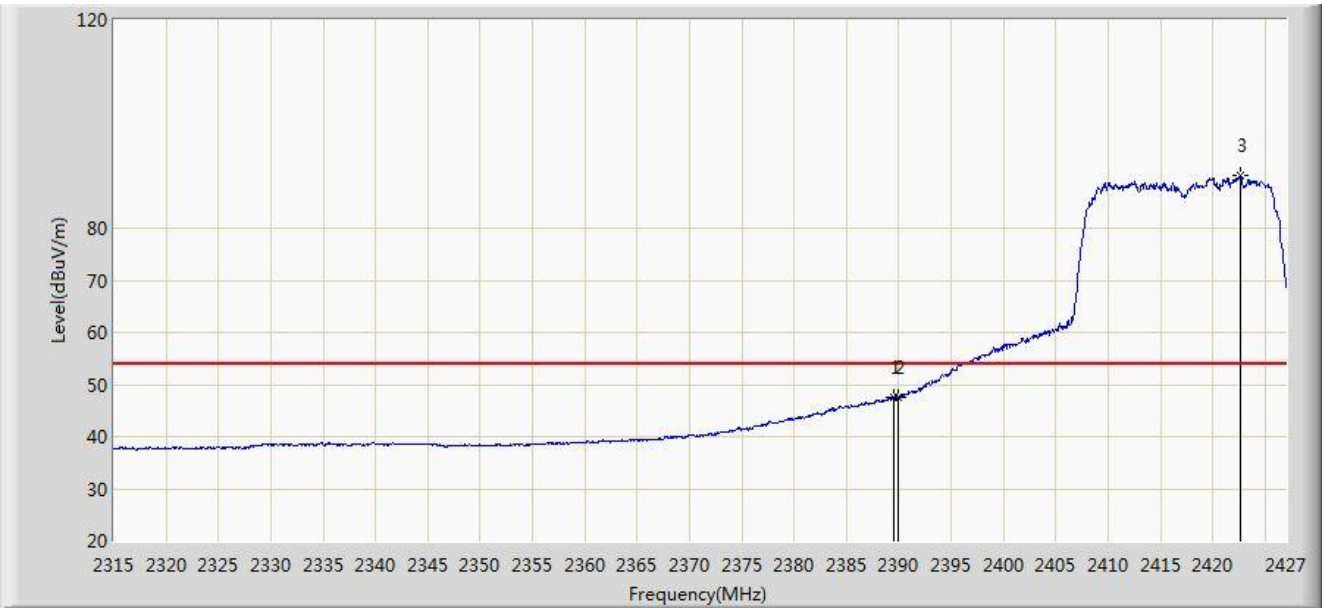
Site: AC1	Time: 2018/11/14 - 08:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2417MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.864	65.277	32.949	-8.723	74.000	32.329	PK
2			2390.000	63.493	31.166	-10.507	74.000	32.327	PK
3		*	2410.760	104.595	72.309	N/A	N/A	32.286	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2417MHz	

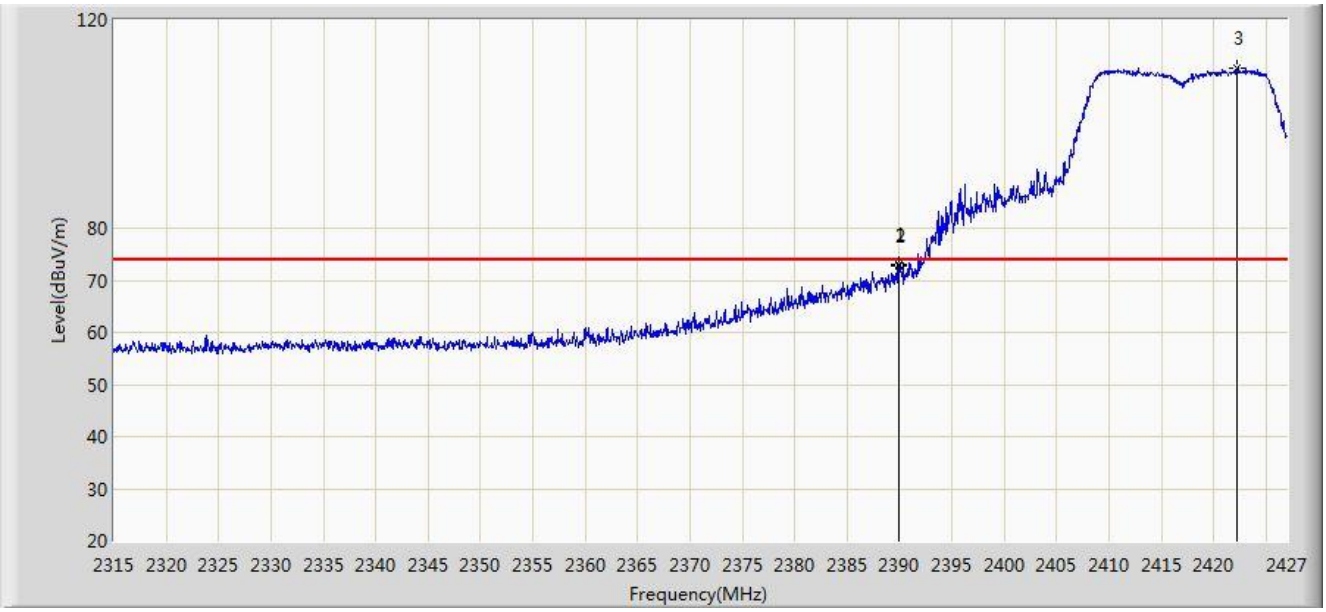


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.480	47.647	15.319	-6.353	54.000	32.327	AV
2			2390.000	47.585	15.258	-6.415	54.000	32.327	AV
3		*	2422.688	90.082	57.802	N/A	N/A	32.281	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2417MHz	

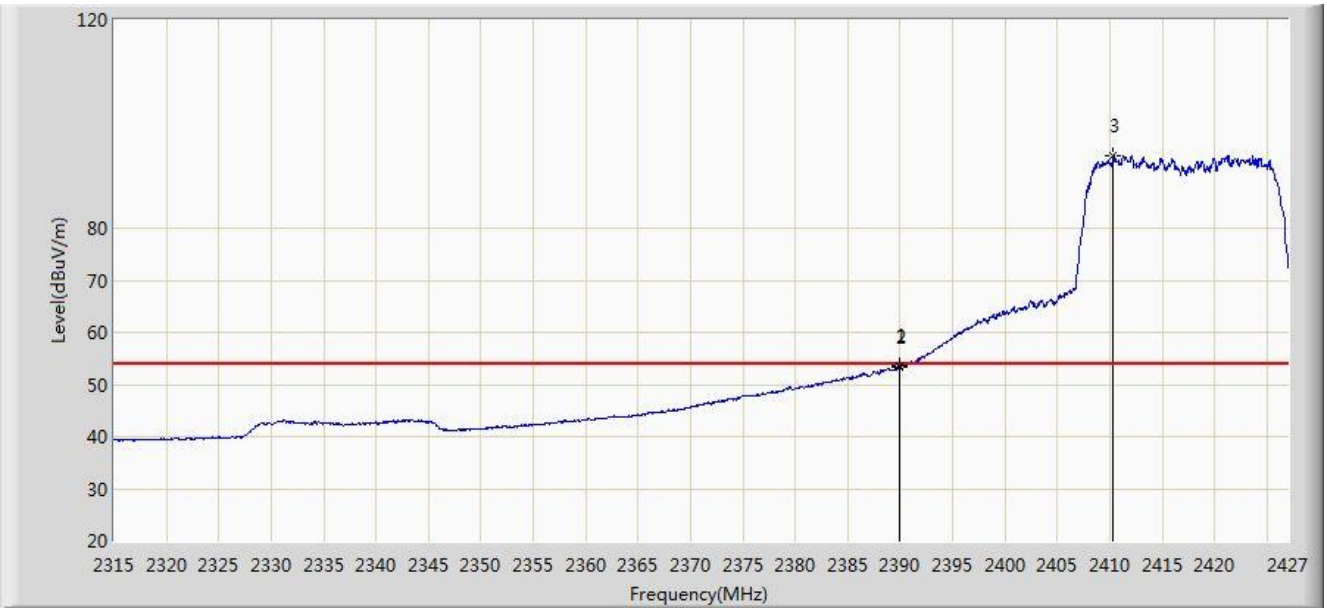


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.928	73.151	40.824	-0.849	74.000	32.327	PK
2			2390.000	72.775	40.448	-1.225	74.000	32.327	PK
3		*	2422.296	110.861	78.581	N/A	N/A	32.280	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2417MHz	

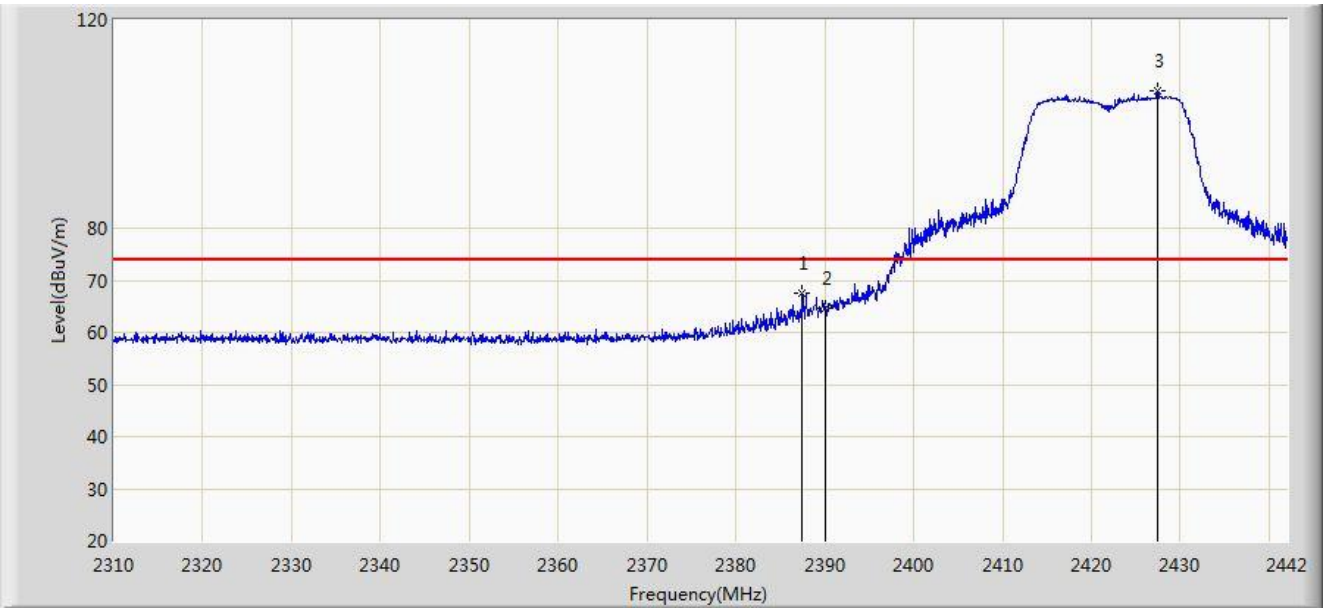


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.928	53.579	21.252	-0.421	54.000	32.327	AV
2			2390.000	53.430	21.103	-0.570	54.000	32.327	AV
3		*	2410.368	93.796	61.509	N/A	N/A	32.287	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2422MHz	

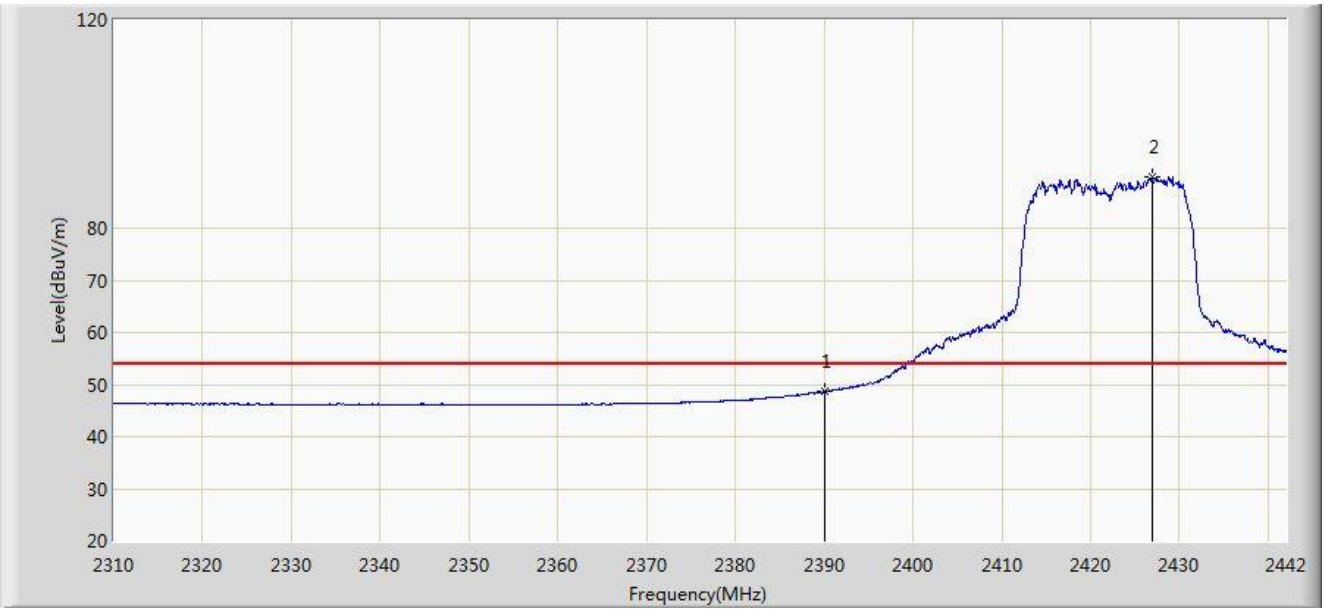


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.418	67.467	35.137	-6.533	74.000	32.331	PK
2			2390.000	64.553	32.226	-9.447	74.000	32.327	PK
3		*	2427.414	106.372	74.094	N/A	N/A	32.278	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2422MHz	

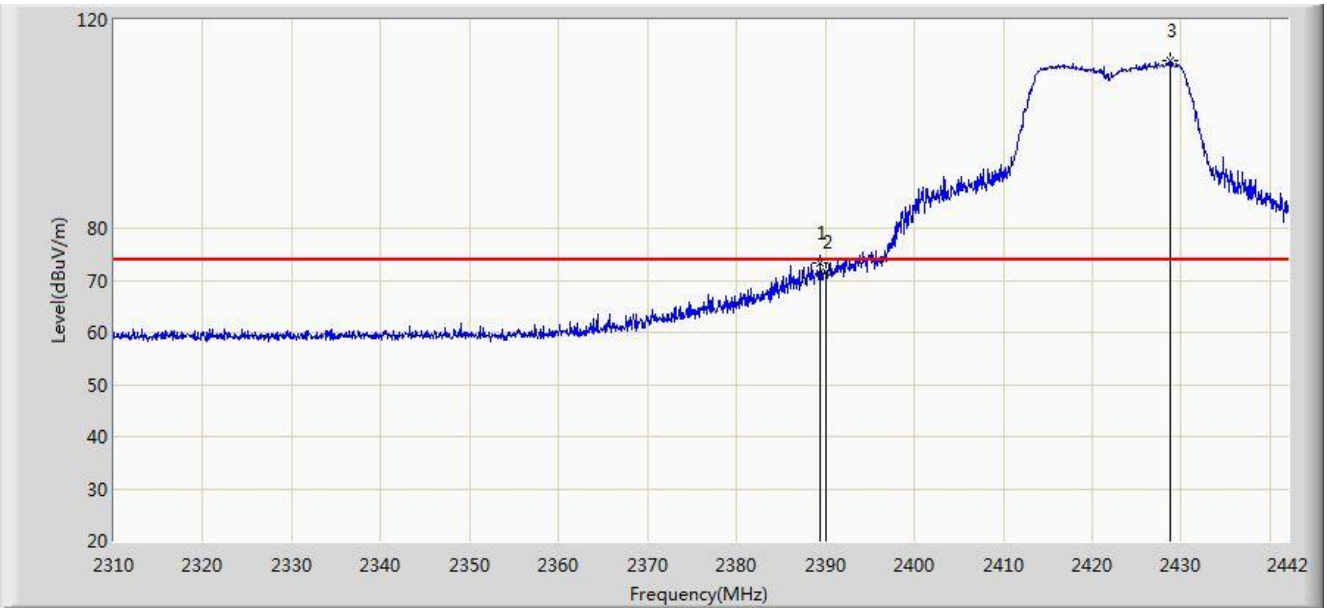


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.631	16.304	-5.369	54.000	32.327	AV
2		*	2426.886	89.772	57.494	N/A	N/A	32.279	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2422MHz	

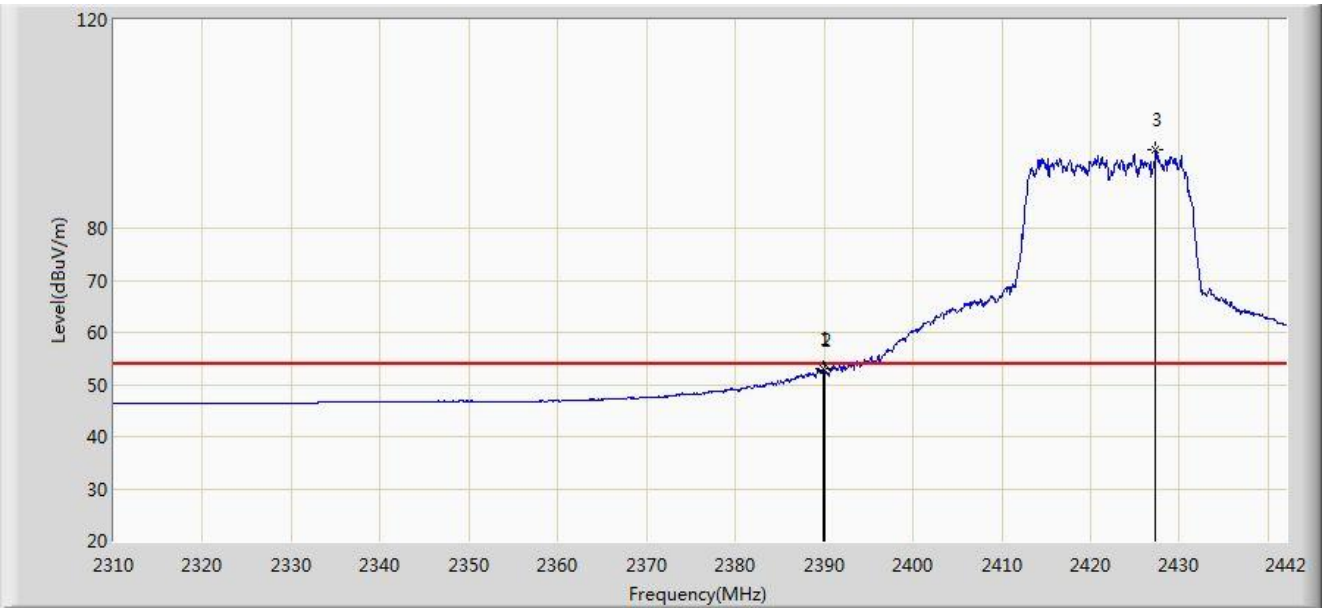


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.464	73.348	41.020	-0.652	74.000	32.327	PK
2			2390.000	71.481	39.154	-2.519	74.000	32.327	PK
3		*	2428.800	112.213	79.936	N/A	N/A	32.277	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2422MHz	

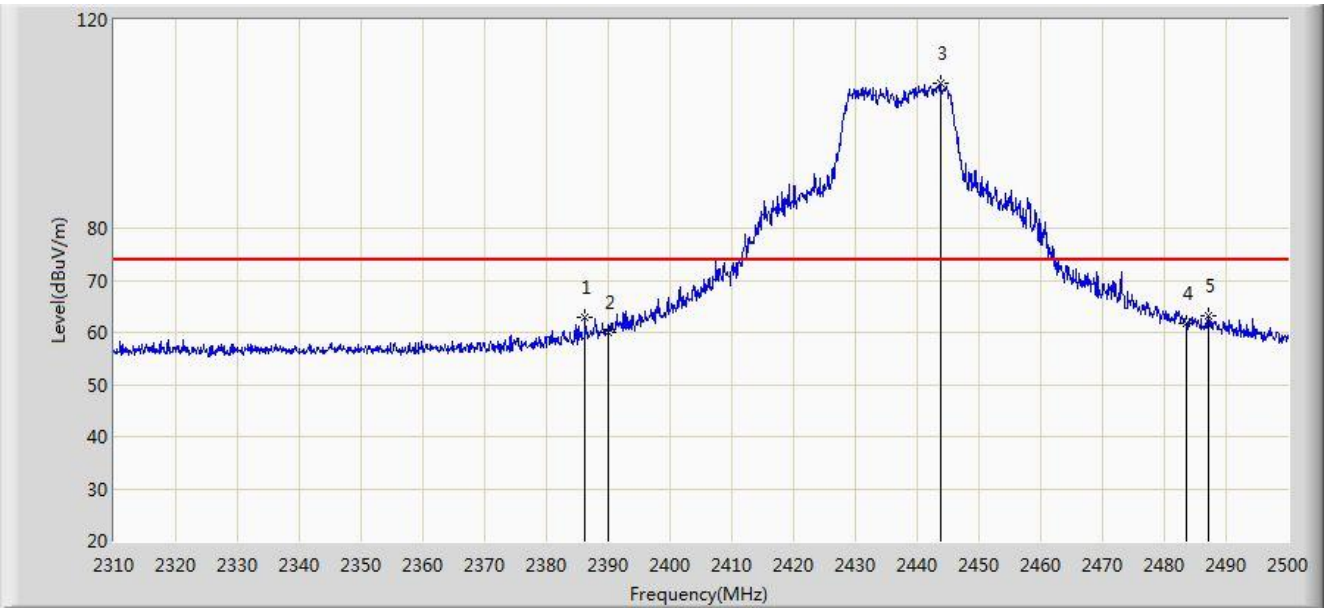


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.926	53.114	20.787	-0.886	54.000	32.327	AV
2			2390.000	52.727	20.400	-1.273	54.000	32.327	AV
3		*	2427.348	95.106	62.828	N/A	N/A	32.278	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2437MHz	

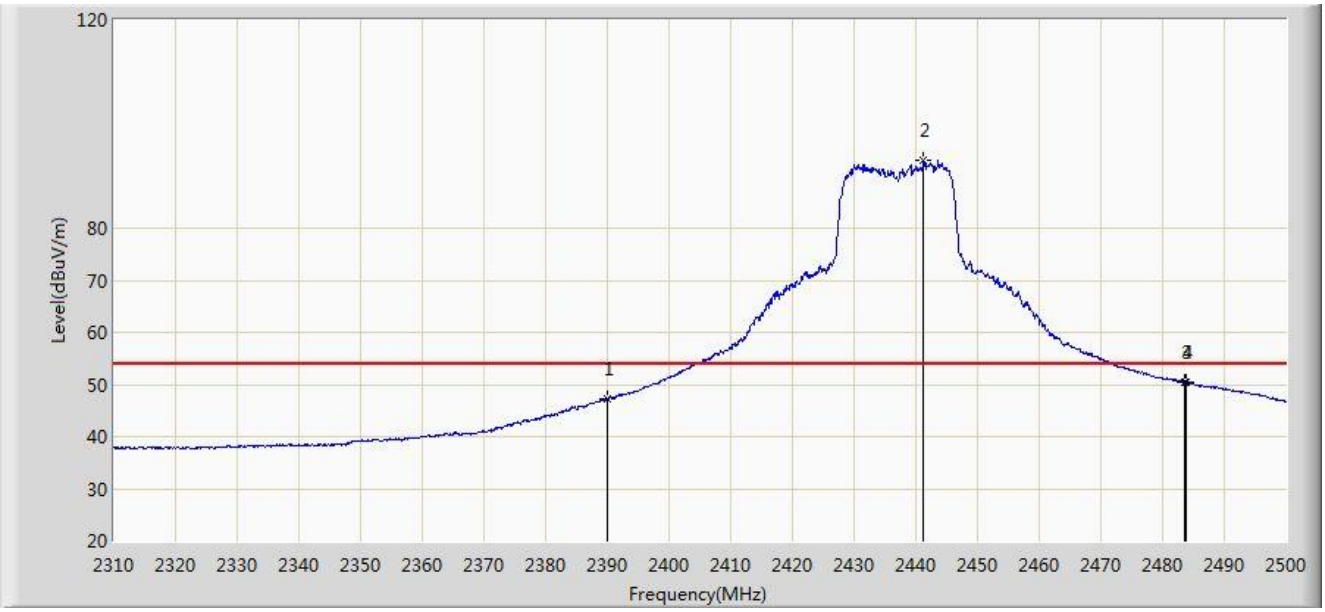


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.285	63.032	30.700	-10.968	74.000	32.331	PK
2			2390.000	59.948	27.621	-14.052	74.000	32.327	PK
3		*	2443.760	107.886	75.634	N/A	N/A	32.252	PK
4			2483.500	61.811	29.472	-12.189	74.000	32.340	PK
5			2487.080	63.290	30.937	-10.710	74.000	32.353	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2437MHz	

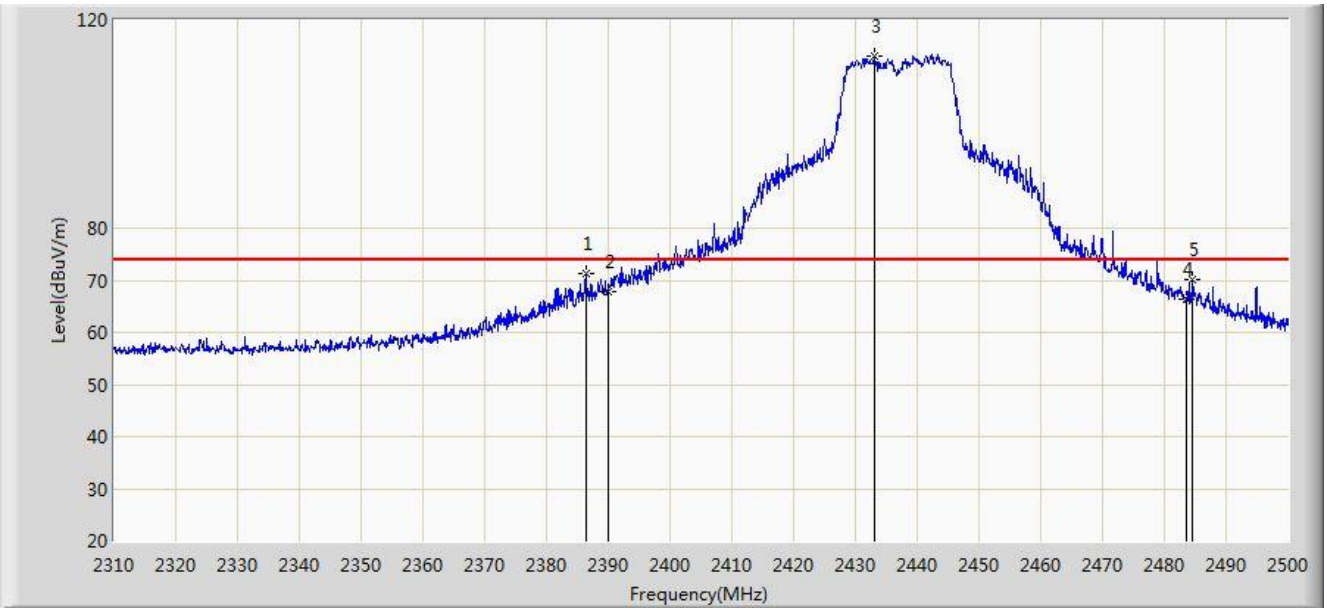


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.224	14.897	-6.776	54.000	32.327	AV
2		*	2441.195	93.144	60.888	N/A	N/A	32.256	AV
3			2483.500	50.447	18.108	-3.553	54.000	32.340	AV
4			2483.755	50.487	18.147	-3.513	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/14 - 08:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2437MHz	

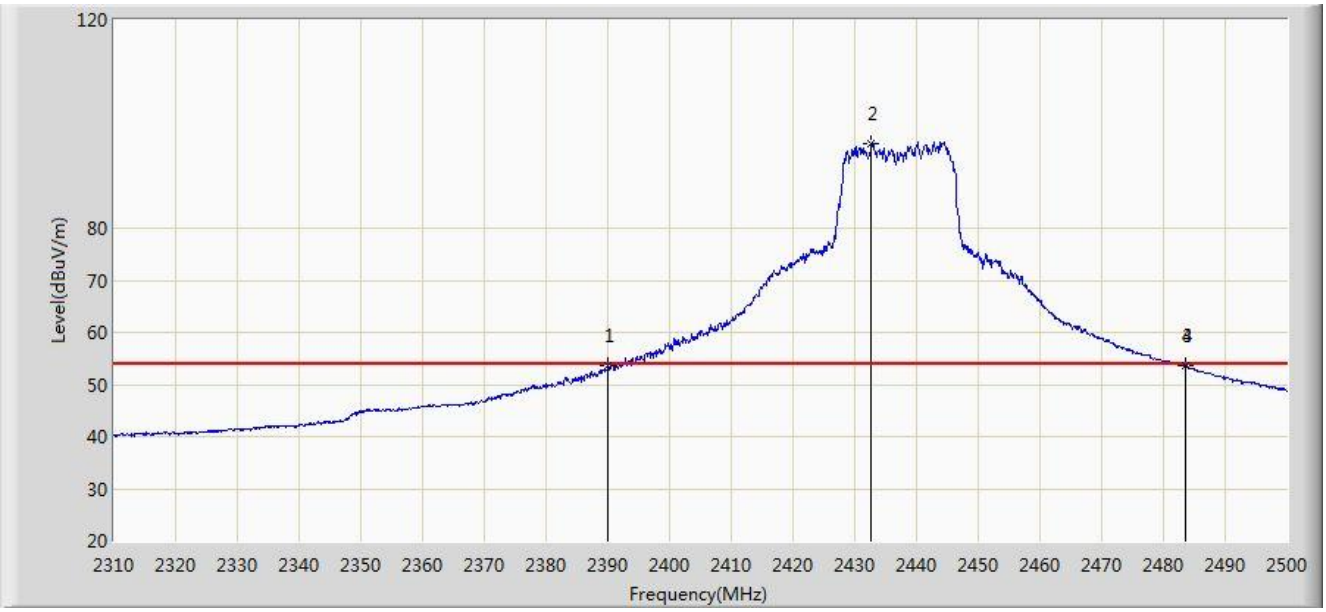


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.380	71.288	38.956	-2.712	74.000	32.332	PK
2			2390.000	67.951	35.624	-6.049	74.000	32.327	PK
3		*	2433.025	113.073	80.803	N/A	N/A	32.270	PK
4			2483.500	66.388	34.049	-7.612	74.000	32.340	PK
5			2484.515	70.188	37.845	-3.812	74.000	32.343	PK

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

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

Site: AC1	Time: 2018/11/14 - 08:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2437MHz	

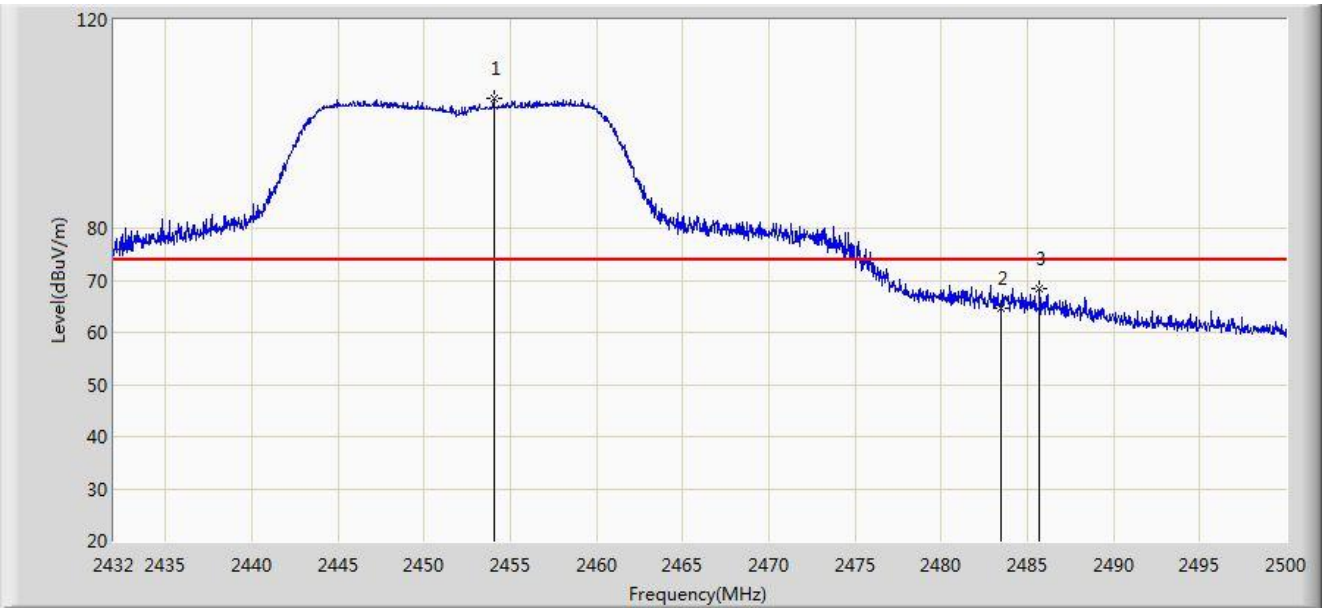


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.479	21.152	-0.521	54.000	32.327	AV
2		*	2432.645	96.318	64.048	N/A	N/A	32.271	AV
3			2483.500	53.595	21.256	-0.405	54.000	32.340	AV
4			2483.565	53.609	21.270	-0.391	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2452MHz	

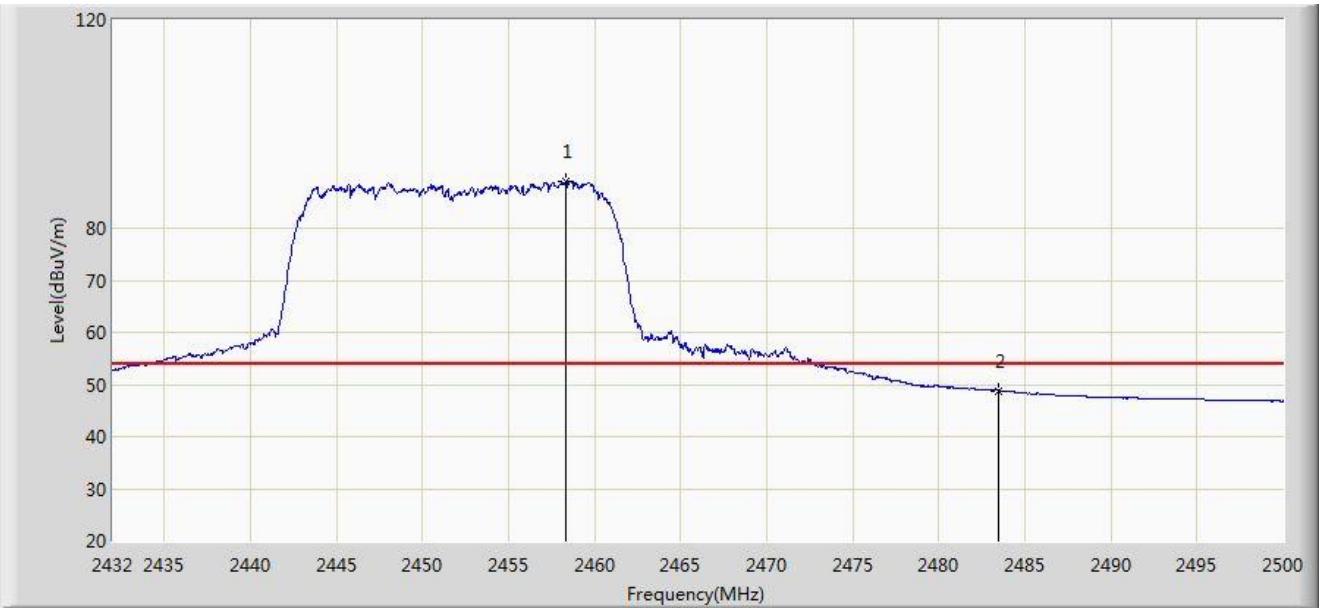


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.032	104.788	72.524	N/A	N/A	32.264	PK
2			2483.500	64.625	32.286	-9.375	74.000	32.340	PK
3			2485.720	68.352	36.004	-5.648	74.000	32.348	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2452MHz	

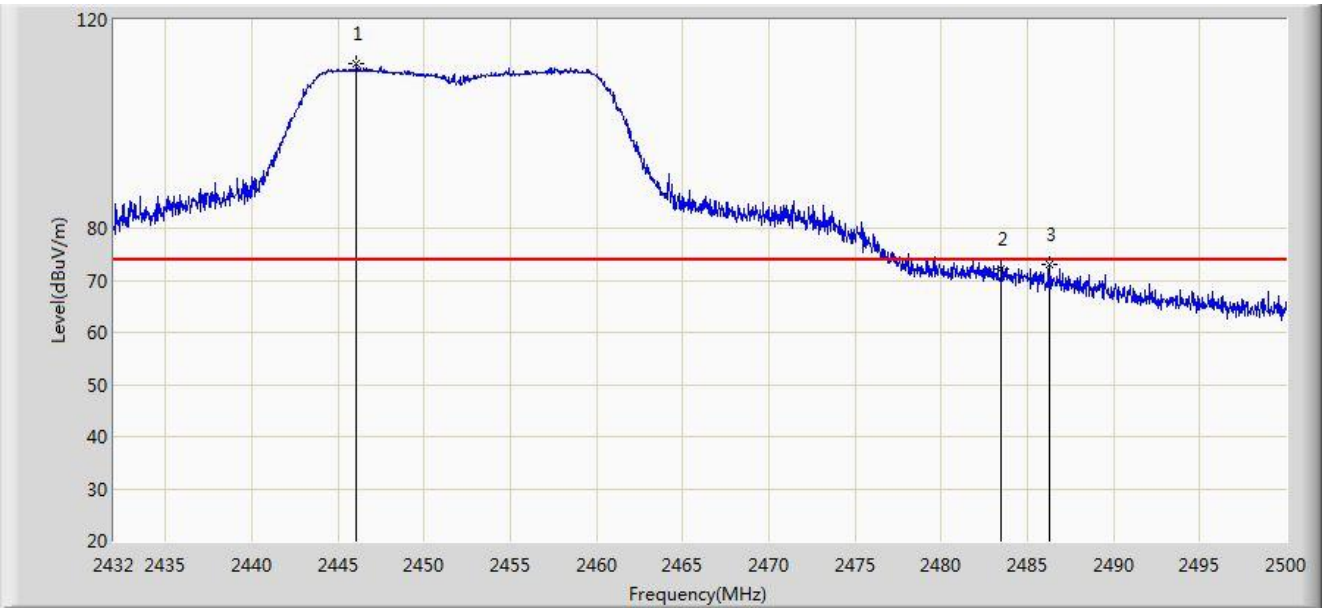


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.350	89.108	56.835	N/A	N/A	32.273	AV
2			2483.500	48.831	16.492	-5.169	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2452MHz	

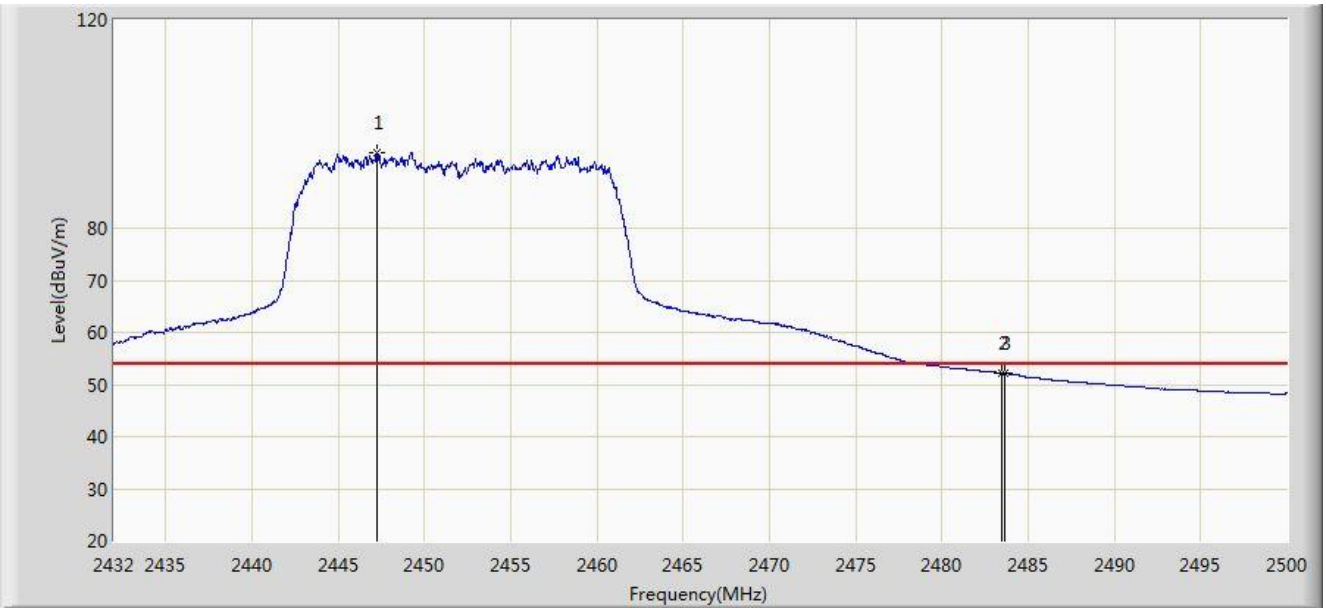


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.076	111.664	79.416	N/A	N/A	32.248	PK
2			2483.500	72.300	39.961	-1.700	74.000	32.340	PK
3			2486.298	73.030	40.680	-0.970	74.000	32.350	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2452MHz	

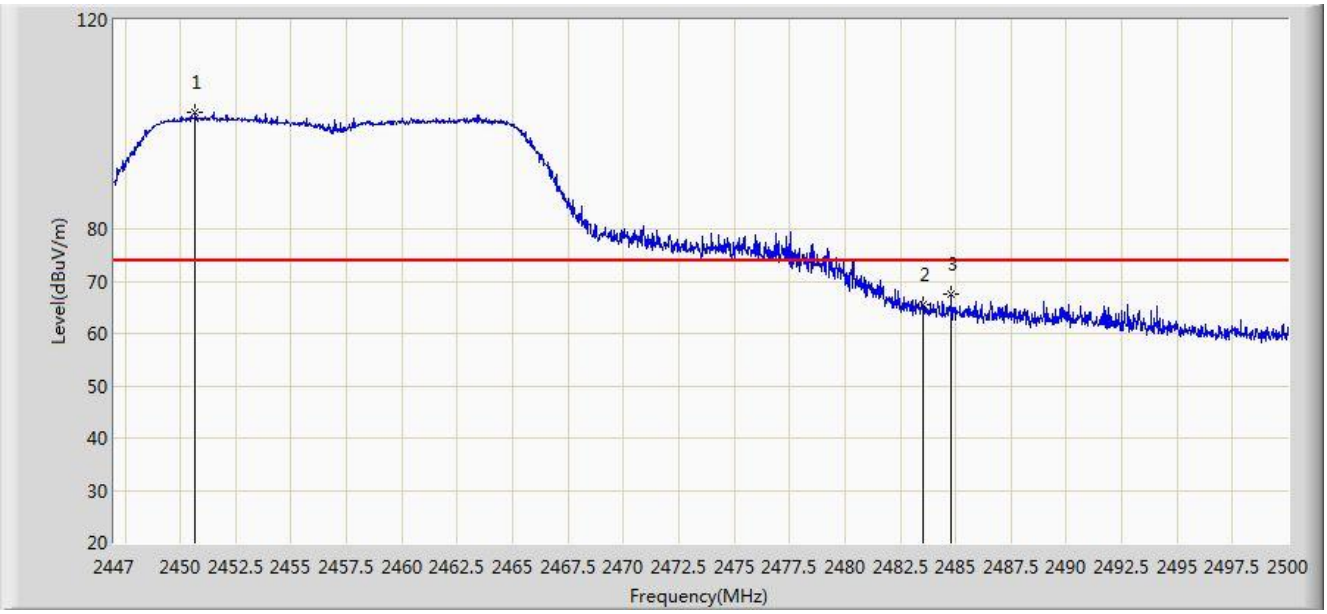


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2447.266	94.516	62.265	N/A	N/A	32.251	AV
2			2483.500	52.060	19.721	-1.940	54.000	32.340	AV
3			2483.680	52.136	19.796	-1.864	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 07:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2457MHz	

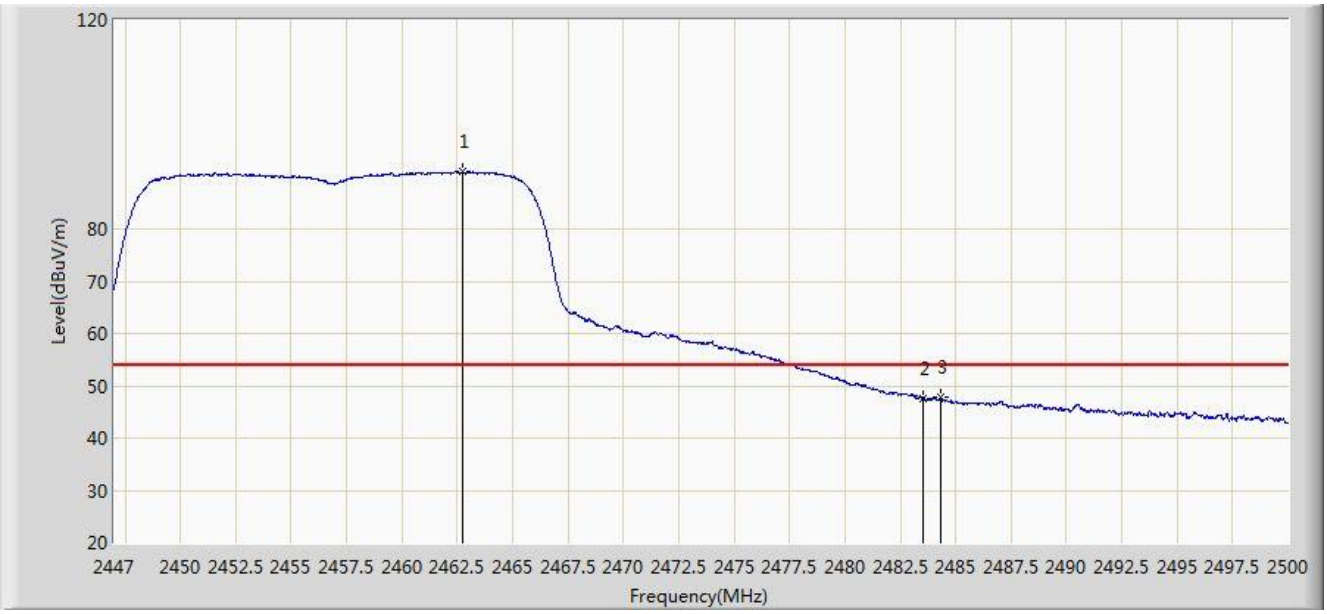


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2450.657	102.348	70.091	N/A	N/A	32.257	PK
2			2483.500	65.488	33.149	-8.512	74.000	32.340	PK
3			2484.815	67.673	35.329	-6.327	74.000	32.344	PK

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

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

Site: AC1	Time: 2018/11/22 - 07:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2457MHz	

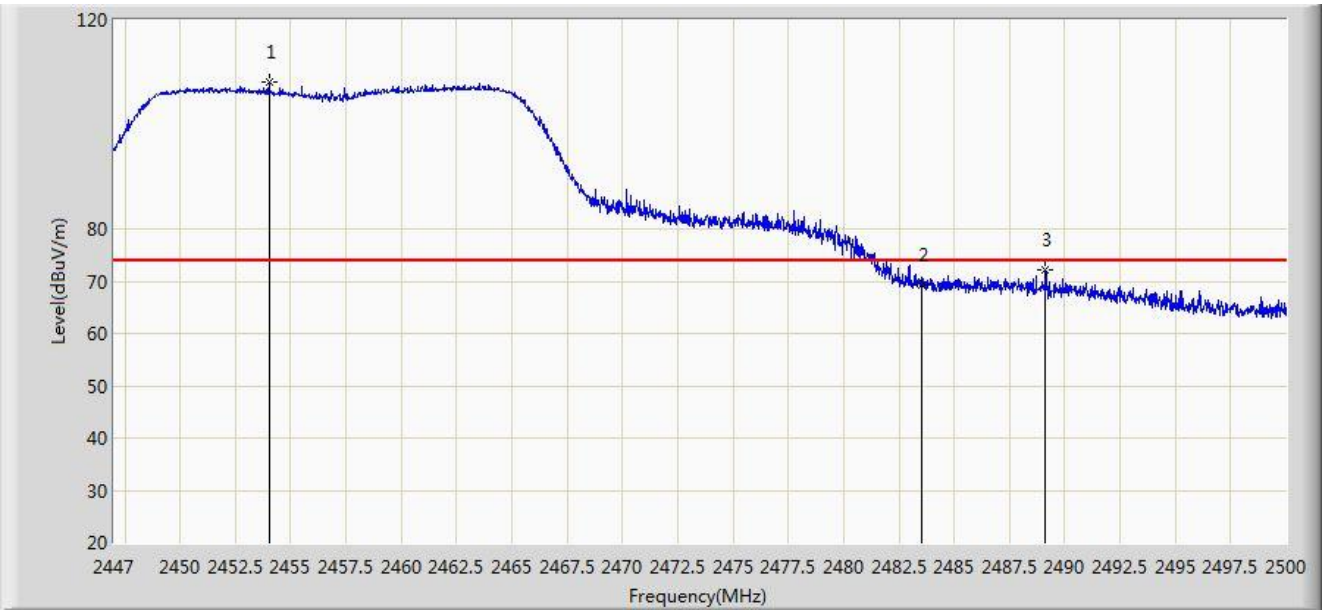


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.741	91.075	58.793	N/A	N/A	32.282	AV
2			2483.500	47.514	15.175	-6.486	54.000	32.340	AV
3			2484.312	47.745	15.403	-6.255	54.000	32.342	AV

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

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

Site: AC1	Time: 2018/11/22 - 07:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2457MHz	

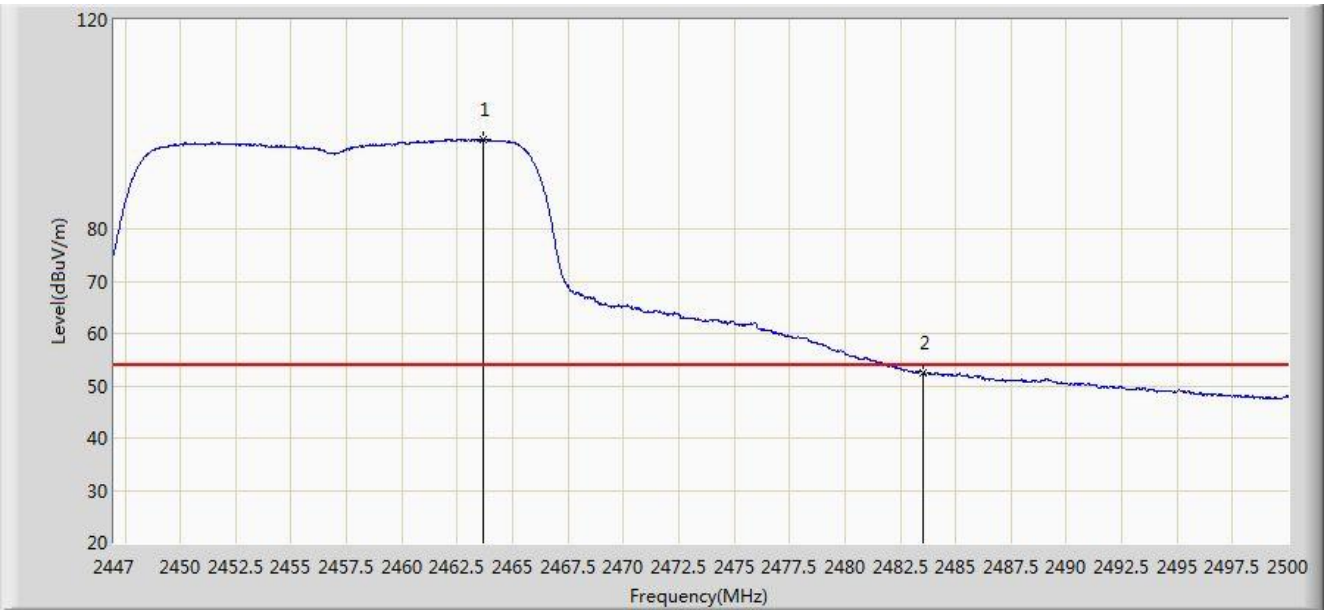


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.022	108.204	75.940	N/A	N/A	32.264	PK
2			2483.500	69.201	36.862	-4.799	74.000	32.340	PK
3			2489.135	72.294	39.933	-1.706	74.000	32.361	PK

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

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

Site: AC1	Time: 2018/11/22 - 07:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2457MHz	

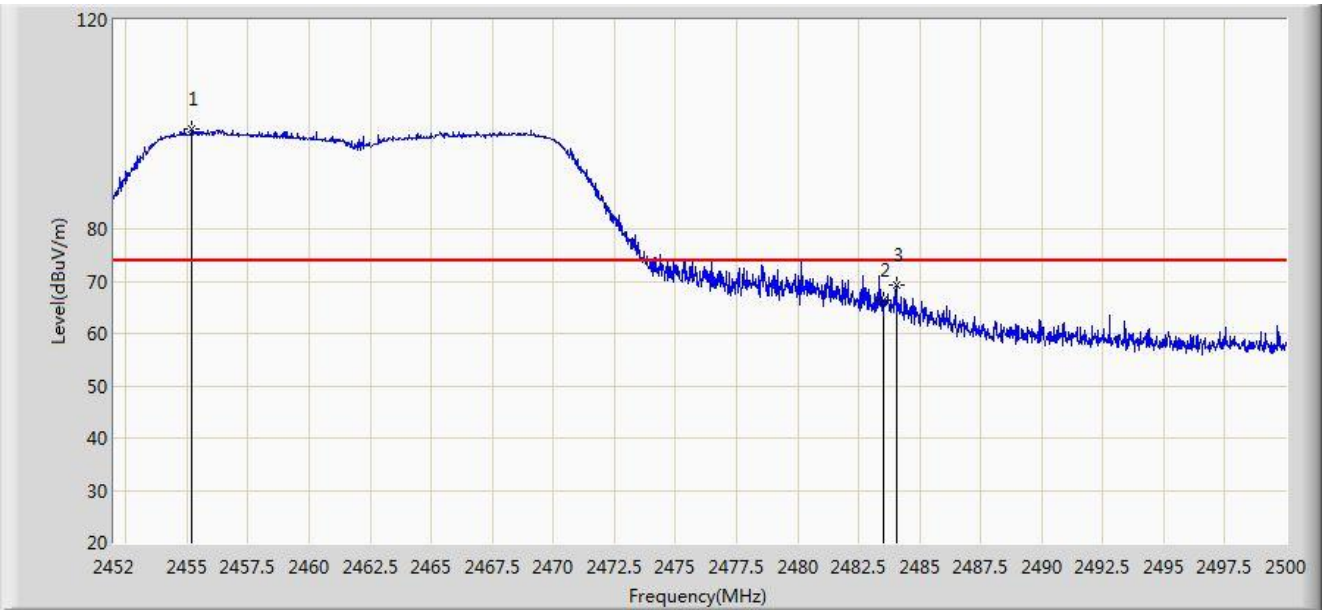


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.695	97.118	64.835	N/A	N/A	32.283	AV
2			2483.500	52.578	20.239	-1.422	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

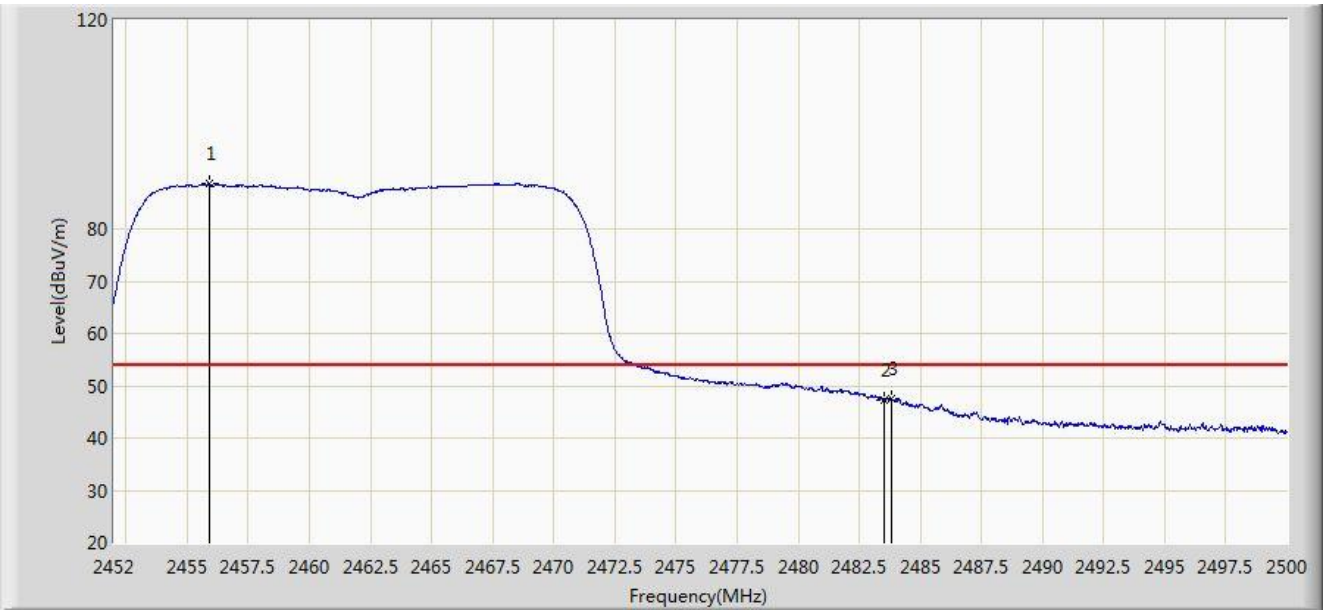


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.216	99.199	66.932	N/A	N/A	32.266	PK
2			2483.500	66.282	33.943	-7.718	74.000	32.340	PK
3			2484.064	69.344	37.003	-4.656	74.000	32.342	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

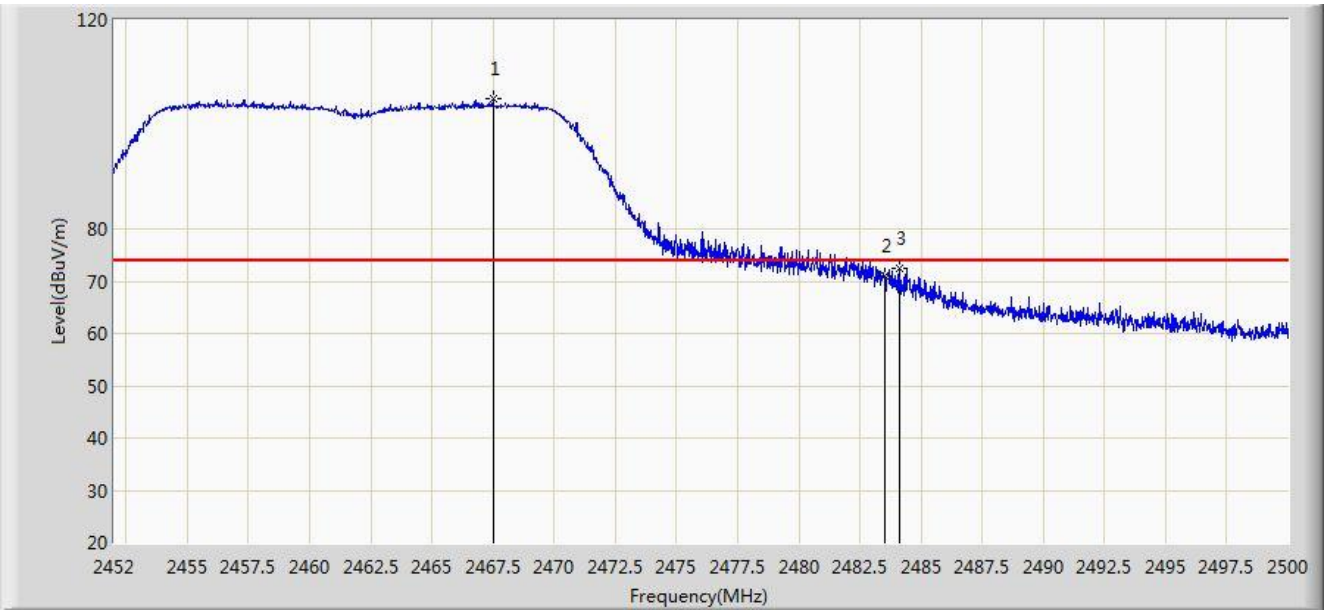


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.888	88.733	56.465	N/A	N/A	32.268	AV
2			2483.500	47.322	14.983	-6.678	54.000	32.340	AV
3			2483.824	47.625	15.285	-6.375	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

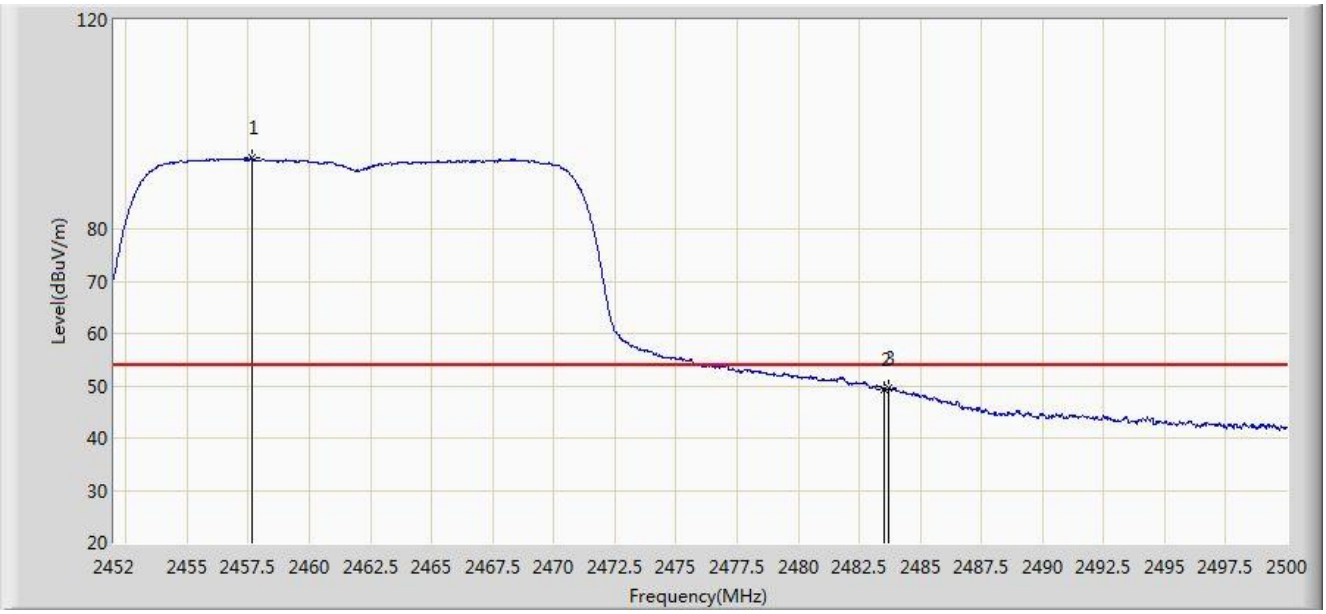


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.504	104.954	72.661	N/A	N/A	32.293	PK
2			2483.500	71.010	38.671	-2.990	74.000	32.340	PK
3			2484.112	72.454	40.112	-1.546	74.000	32.342	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2462MHz	

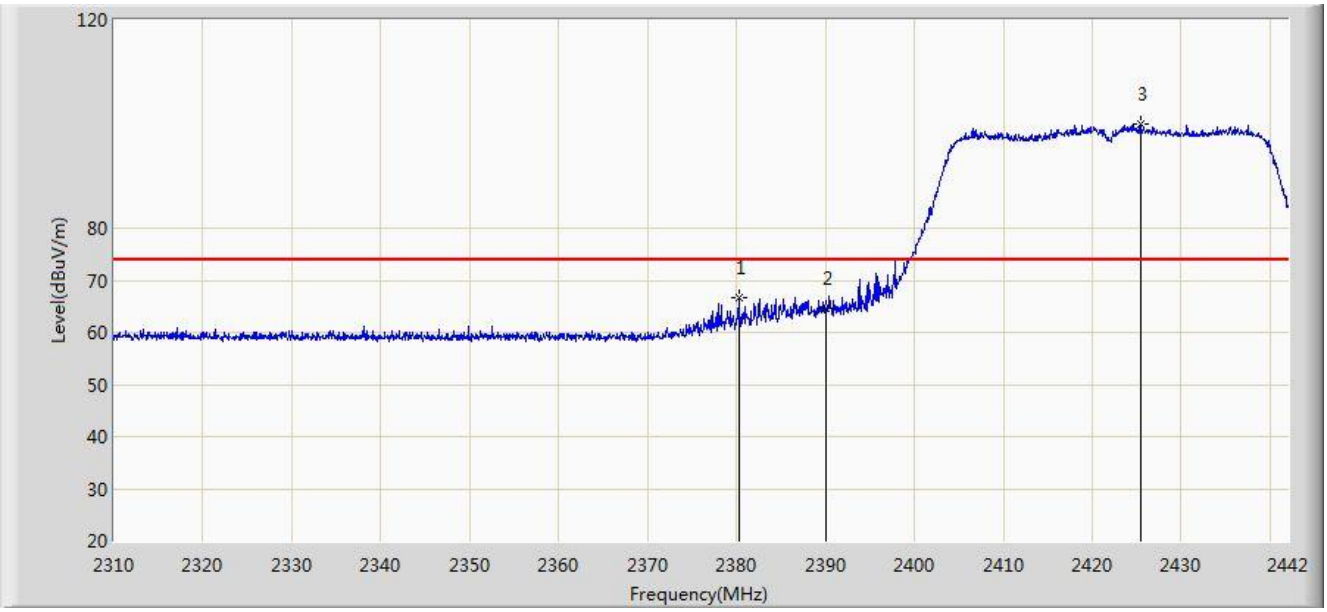


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.640	93.597	61.325	N/A	N/A	32.271	AV
2			2483.500	49.324	16.985	-4.676	54.000	32.340	AV
3			2483.680	49.519	17.179	-4.481	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

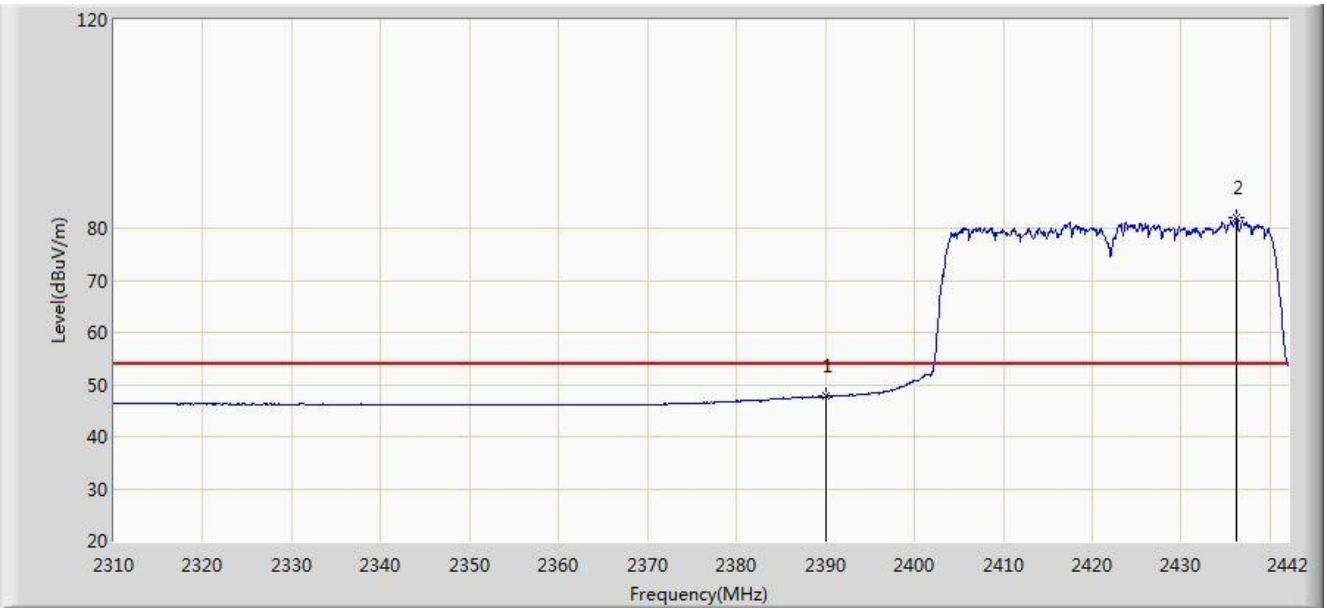


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.224	66.551	34.211	-7.449	74.000	32.340	PK
2			2390.000	64.570	32.243	-9.430	74.000	32.327	PK
3		*	2425.500	100.047	67.768	N/A	N/A	32.279	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

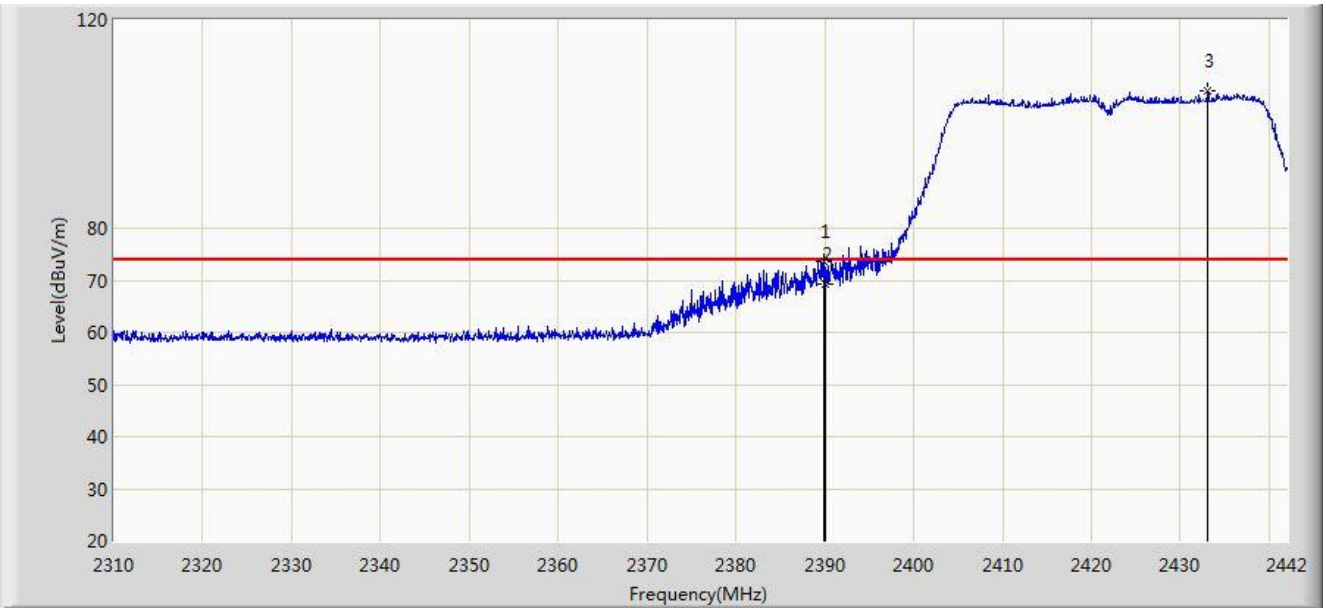


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.725	15.398	-6.275	54.000	32.327	AV
2		*	2436.258	81.914	49.650	N/A	N/A	32.264	AV

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

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

Site: AC1	Time: 2018/11/15 - 05:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

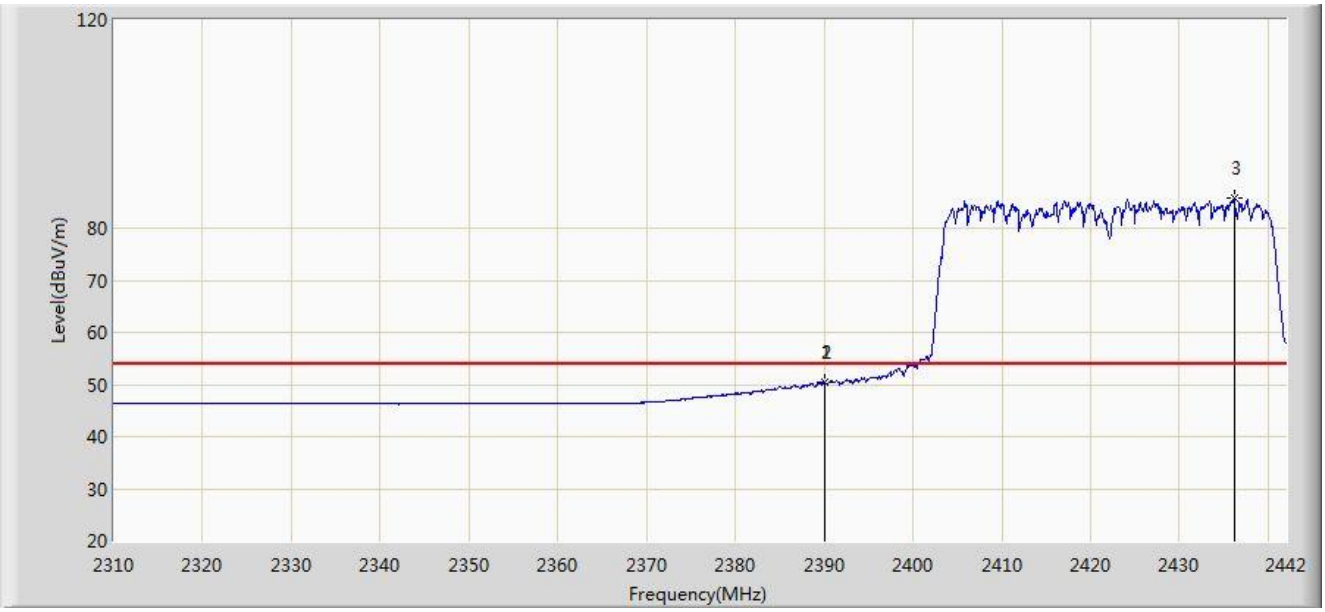


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.860	73.765	41.438	-0.235	74.000	32.327	PK
2			2390.000	69.295	36.968	-4.705	74.000	32.327	PK
3		*	2433.090	106.465	74.196	N/A	N/A	32.270	PK

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

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

Site: AC1	Time: 2018/11/15 - 05:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2422MHz	

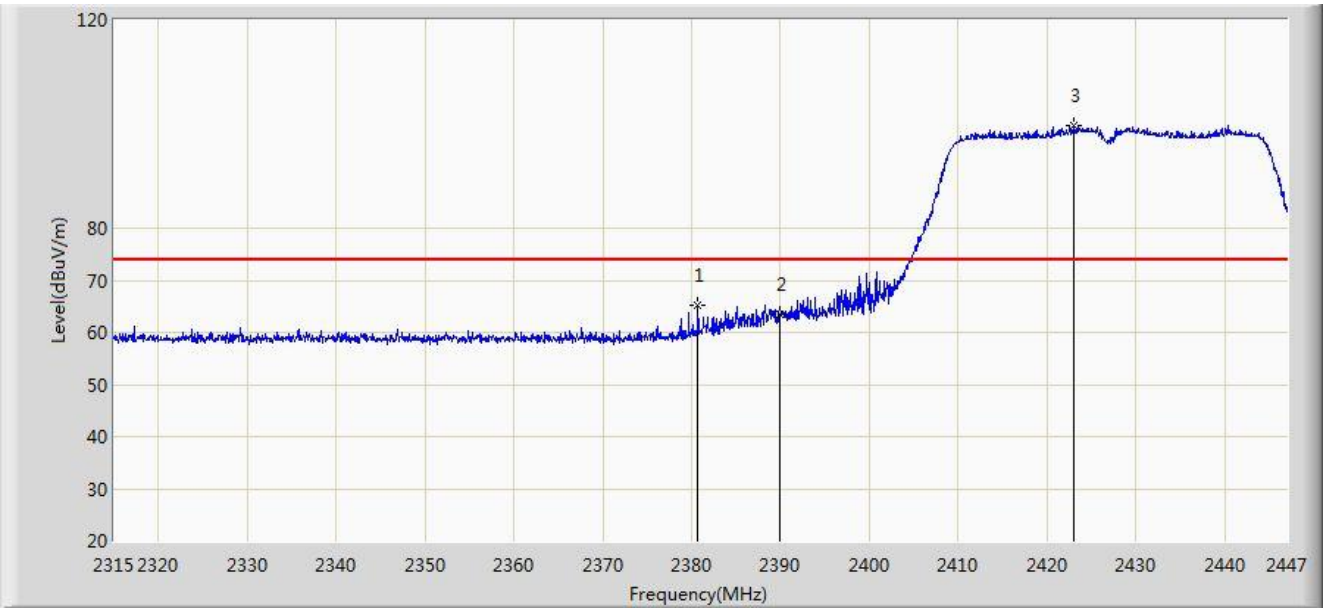


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.992	50.403	18.076	-3.597	54.000	32.327	AV
2			2390.000	50.387	18.060	-3.613	54.000	32.327	AV
3		*	2436.192	85.716	53.452	N/A	N/A	32.264	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2427MHz	

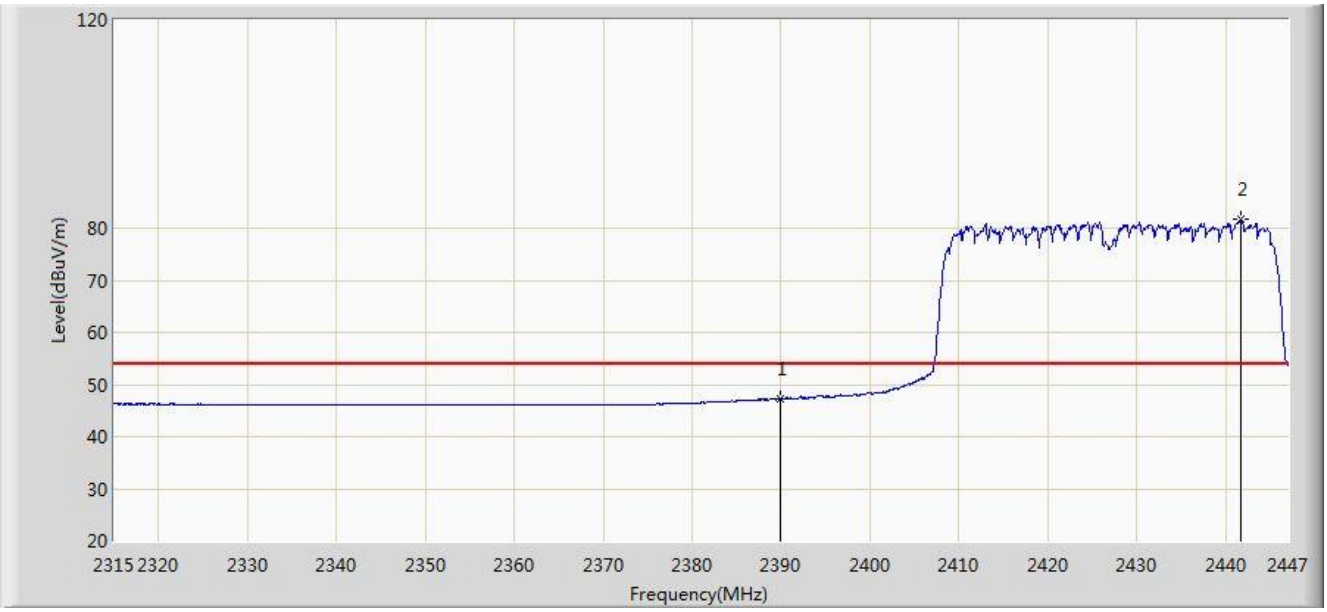


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2380.736	65.309	32.970	-8.691	74.000	32.340	PK
2			2390.000	63.469	31.142	-10.531	74.000	32.327	PK
3		*	2422.976	99.800	67.520	N/A	N/A	32.280	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2427MHz	

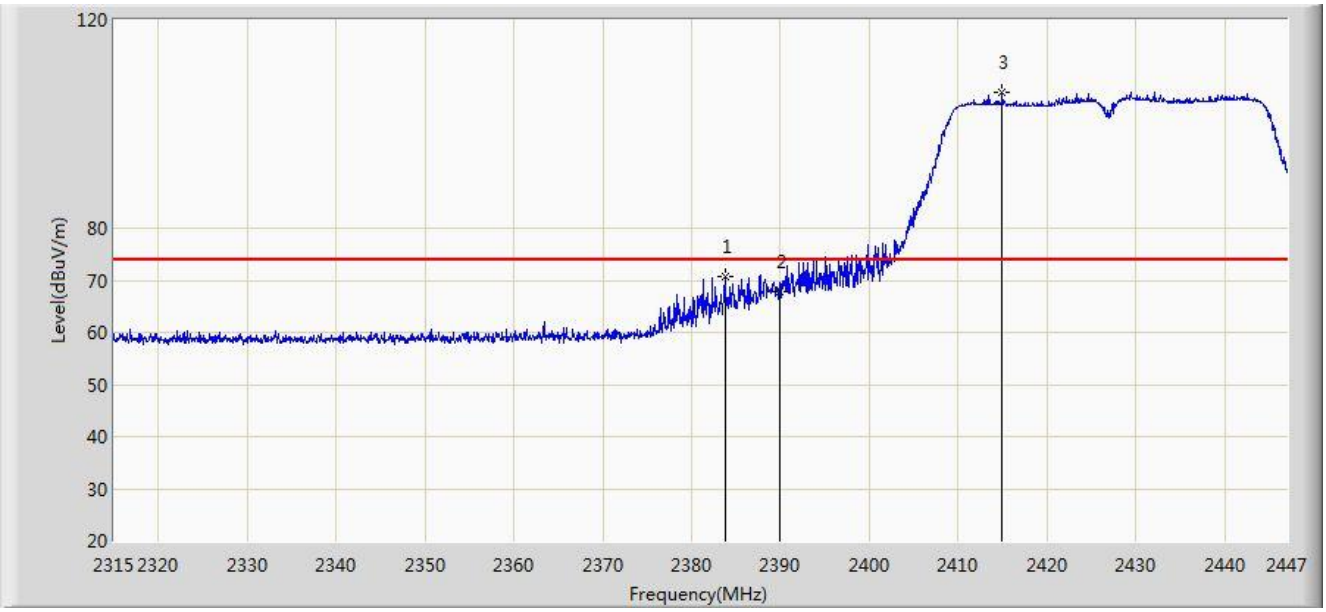


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.230	14.903	-6.770	54.000	32.327	AV
2		*	2441.720	81.693	49.438	N/A	N/A	32.255	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2427MHz	

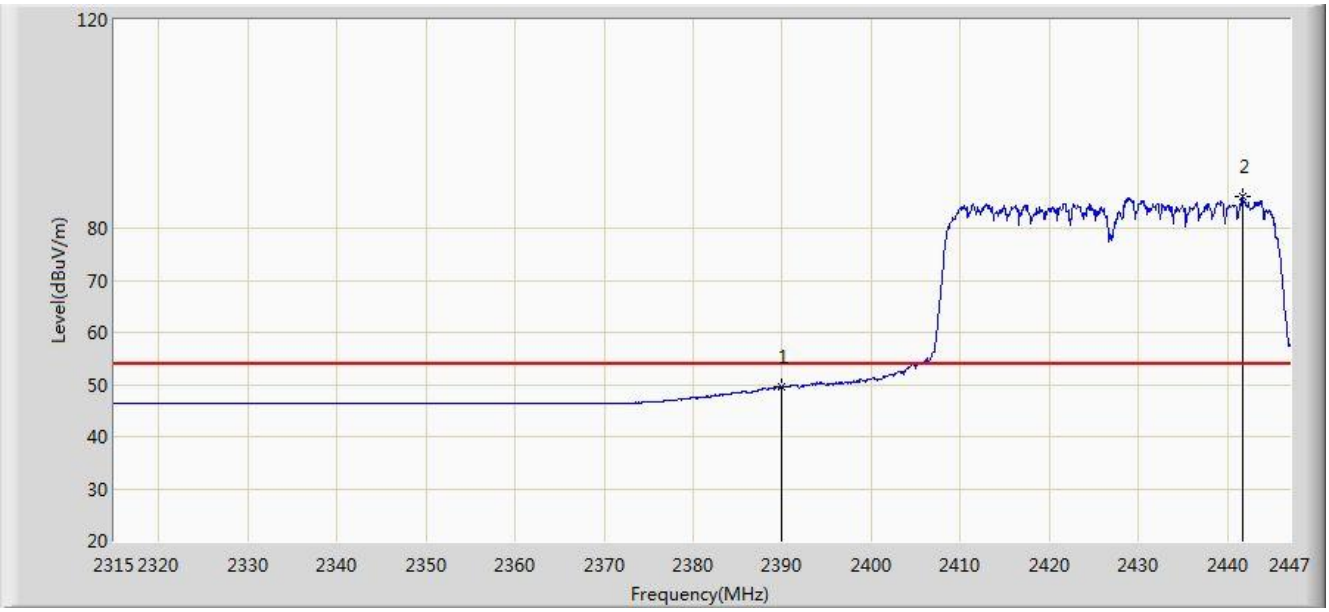


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.772	70.669	38.334	-3.331	74.000	32.335	PK
2			2390.000	67.774	35.447	-6.226	74.000	32.327	PK
3		*	2414.990	106.081	73.797	N/A	N/A	32.284	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2427MHz	

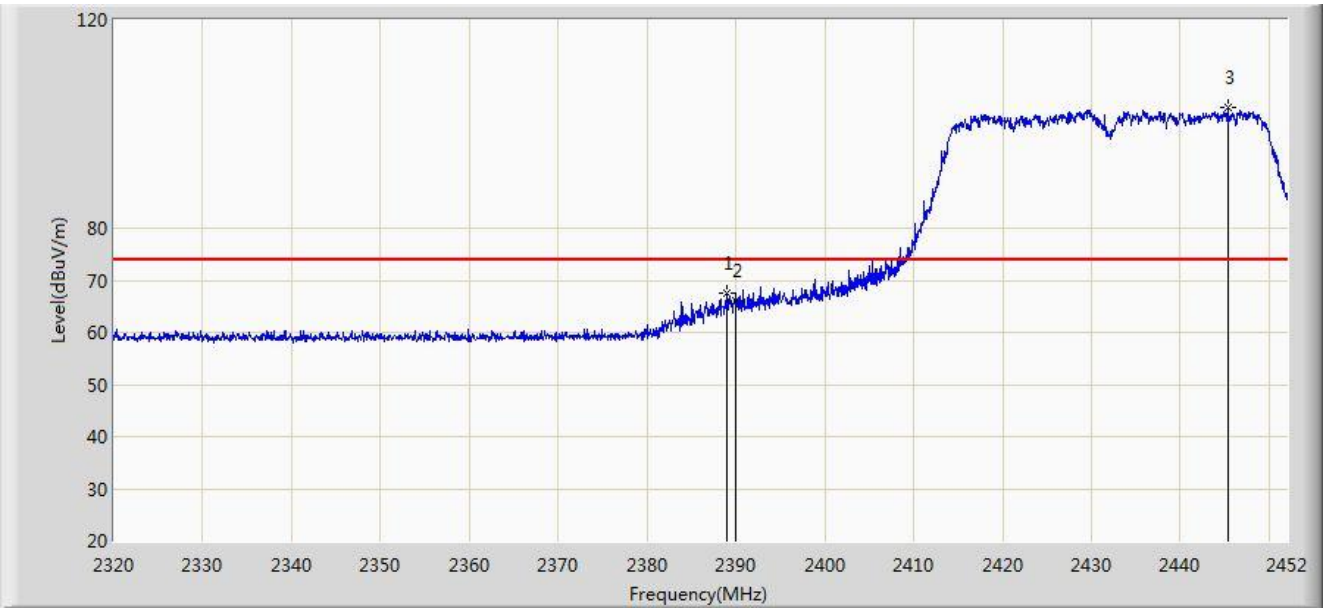


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.506	17.179	-4.494	54.000	32.327	AV
2		*	2441.654	86.176	53.921	N/A	N/A	32.255	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2432MHz	

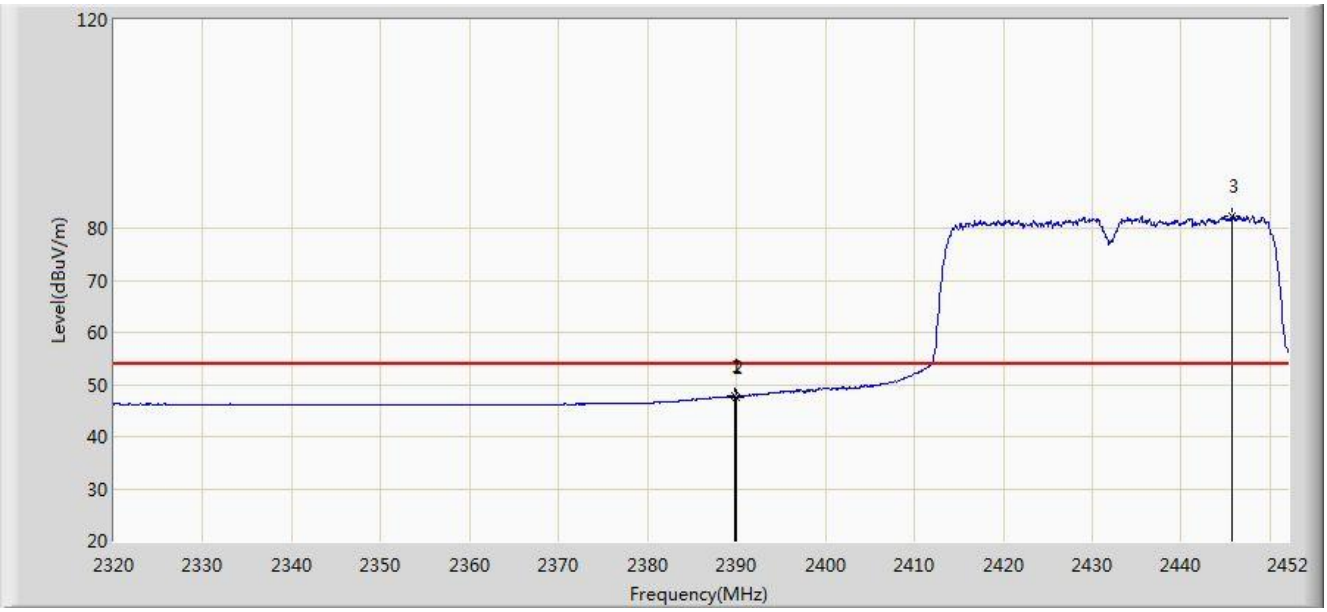


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.904	67.574	35.246	-6.426	74.000	32.329	PK
2			2390.000	66.170	33.843	-7.830	74.000	32.327	PK
3		*	2445.334	103.086	70.837	N/A	N/A	32.249	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2432MHz	

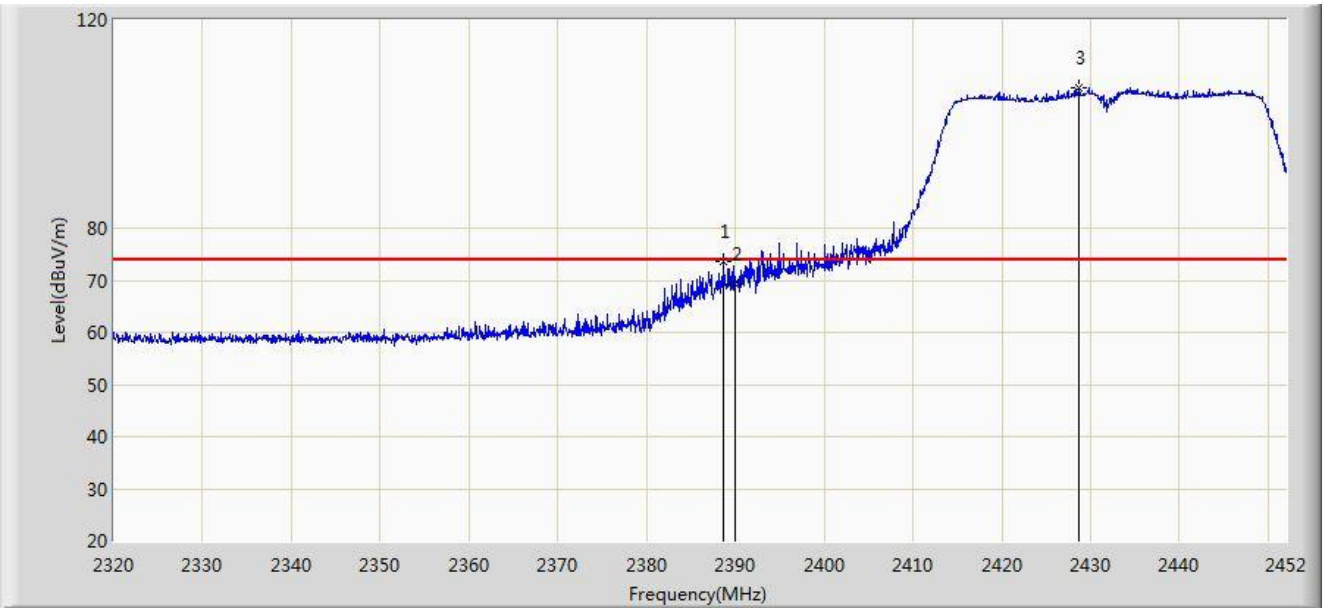


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.762	47.774	15.447	-6.226	54.000	32.327	AV
2			2390.000	47.619	15.292	-6.381	54.000	32.327	AV
3		*	2445.796	82.340	50.091	N/A	N/A	32.249	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2432MHz	

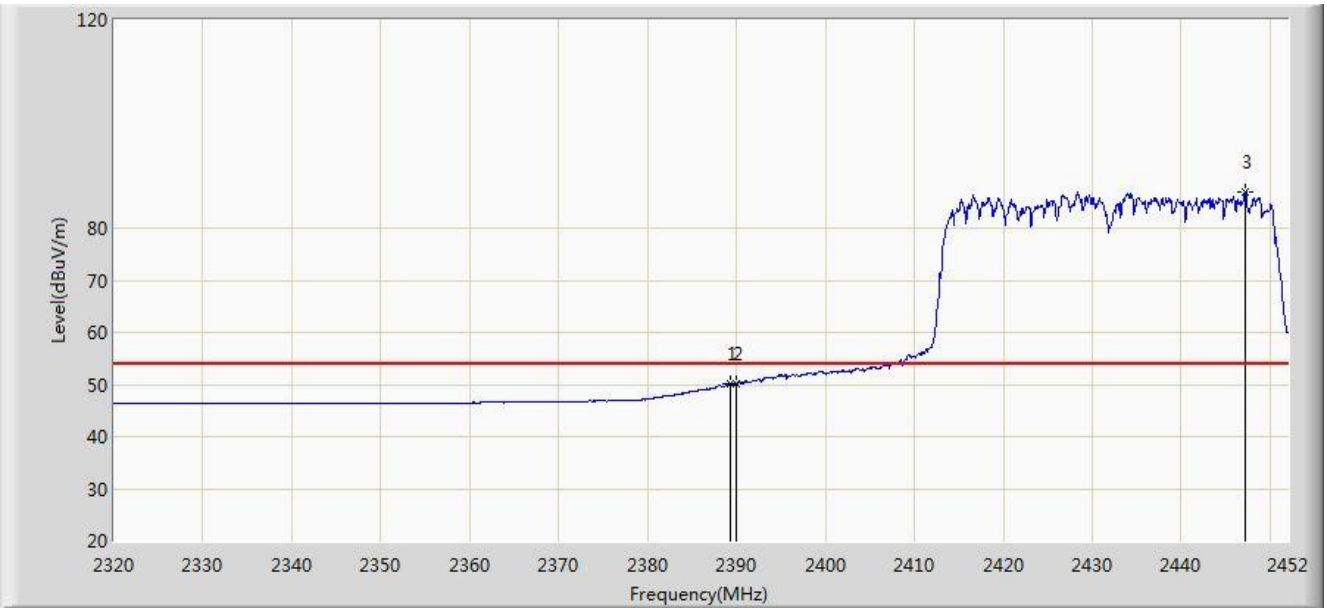


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.706	73.590	41.261	-0.410	74.000	32.328	PK
2			2390.000	69.148	36.821	-4.852	74.000	32.327	PK
3		*	2428.636	106.870	74.593	N/A	N/A	32.276	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2432MHz	

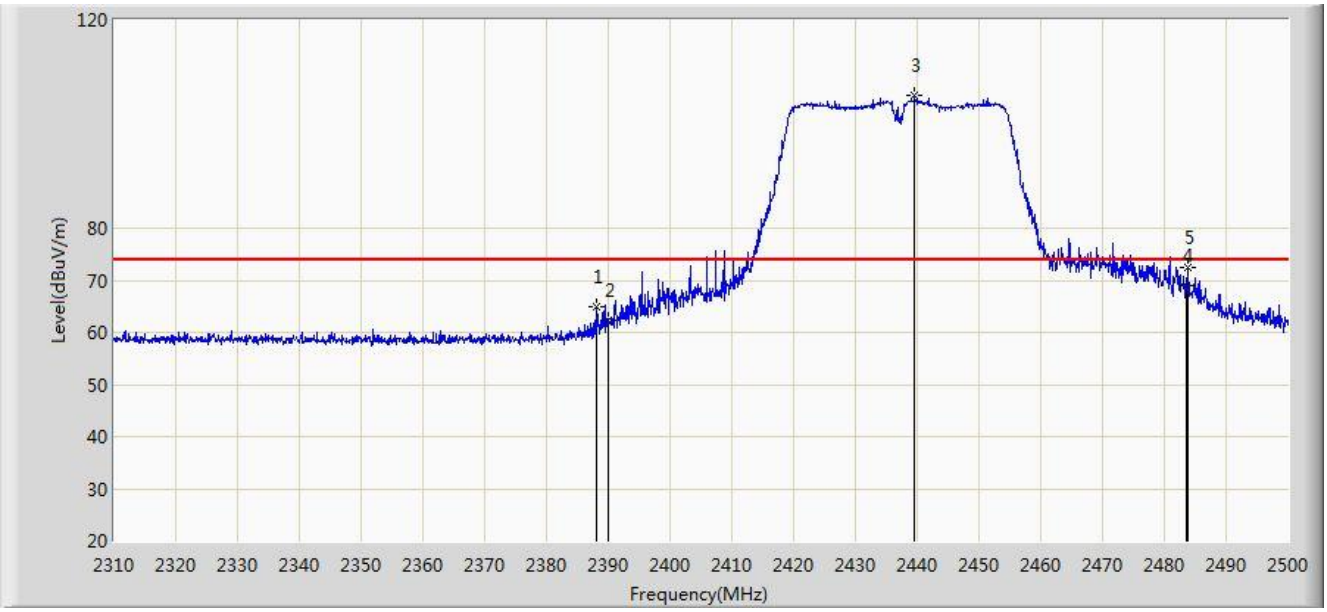


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.234	50.201	17.873	-3.799	54.000	32.328	AV
2			2390.000	50.132	17.805	-3.868	54.000	32.327	AV
3		*	2447.248	87.071	54.820	N/A	N/A	32.251	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2437MHz	

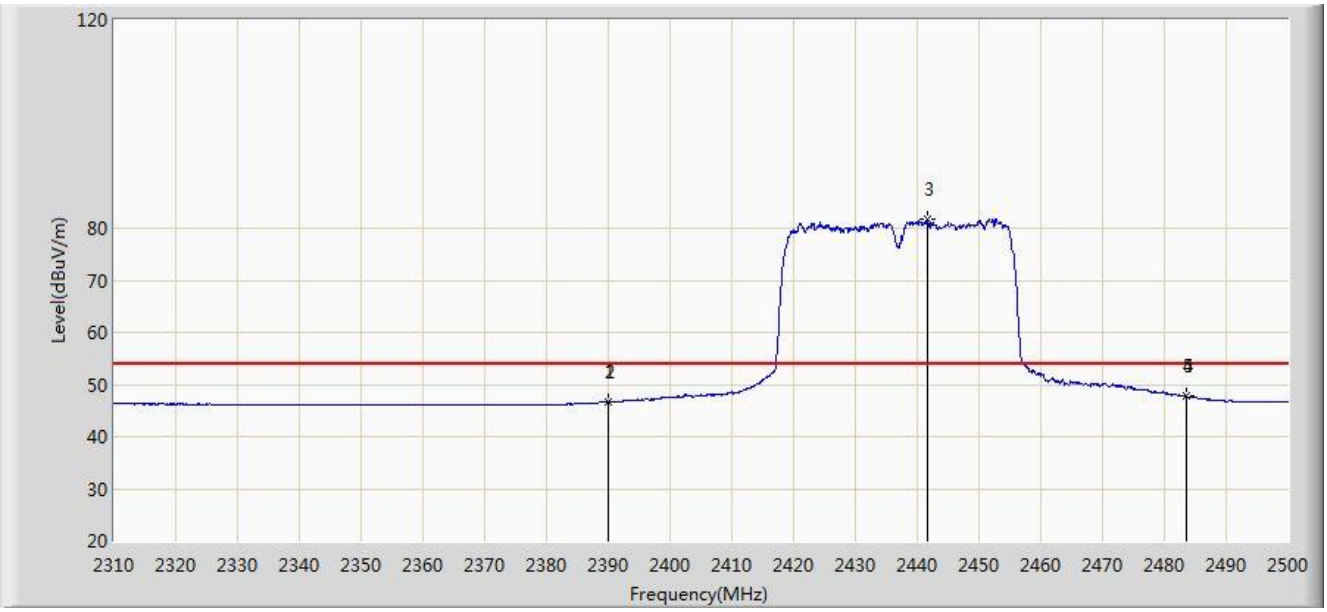


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	65.018	32.688	-8.982	74.000	32.330	PK
2			2390.000	62.334	30.007	-11.666	74.000	32.327	PK
3		*	2439.580	105.626	73.367	N/A	N/A	32.259	PK
4			2483.500	69.107	36.768	-4.893	74.000	32.340	PK
5			2483.755	72.436	40.096	-1.564	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2437MHz	

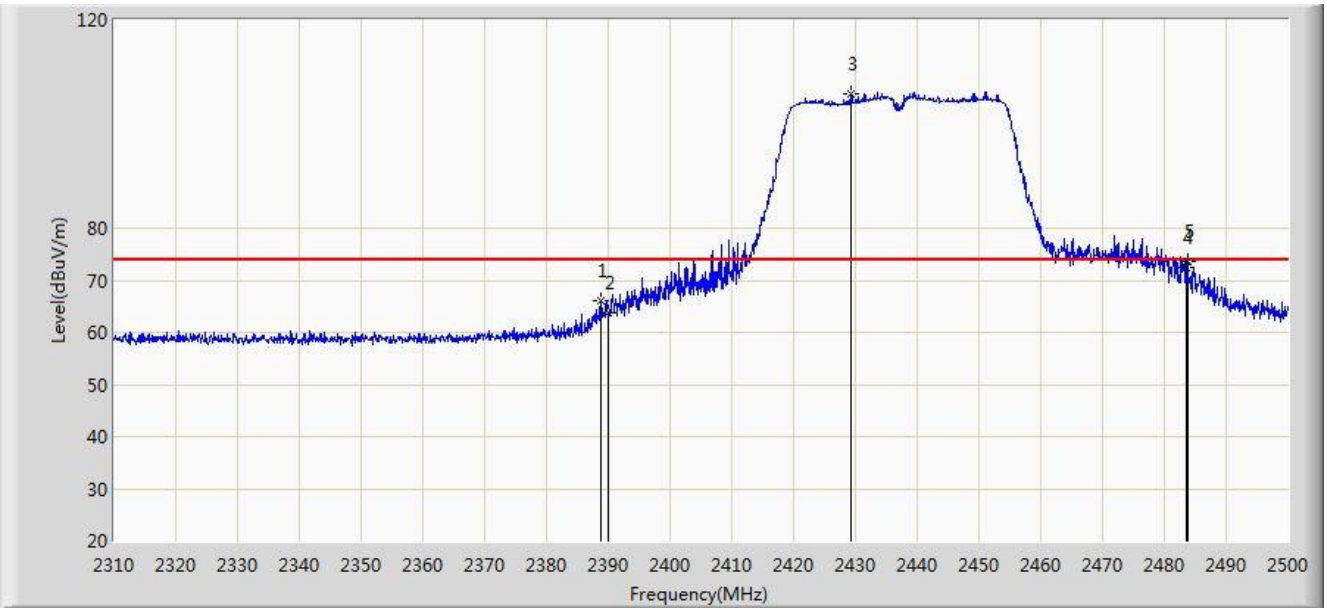


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.990	46.626	14.299	-7.374	54.000	32.327	AV
2			2390.000	46.622	14.295	-7.378	54.000	32.327	AV
3		*	2441.575	81.814	49.559	N/A	N/A	32.255	AV
4			2483.500	47.766	15.427	-6.234	54.000	32.340	AV
5			2483.660	47.769	15.429	-6.231	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/15 - 06:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2437MHz	

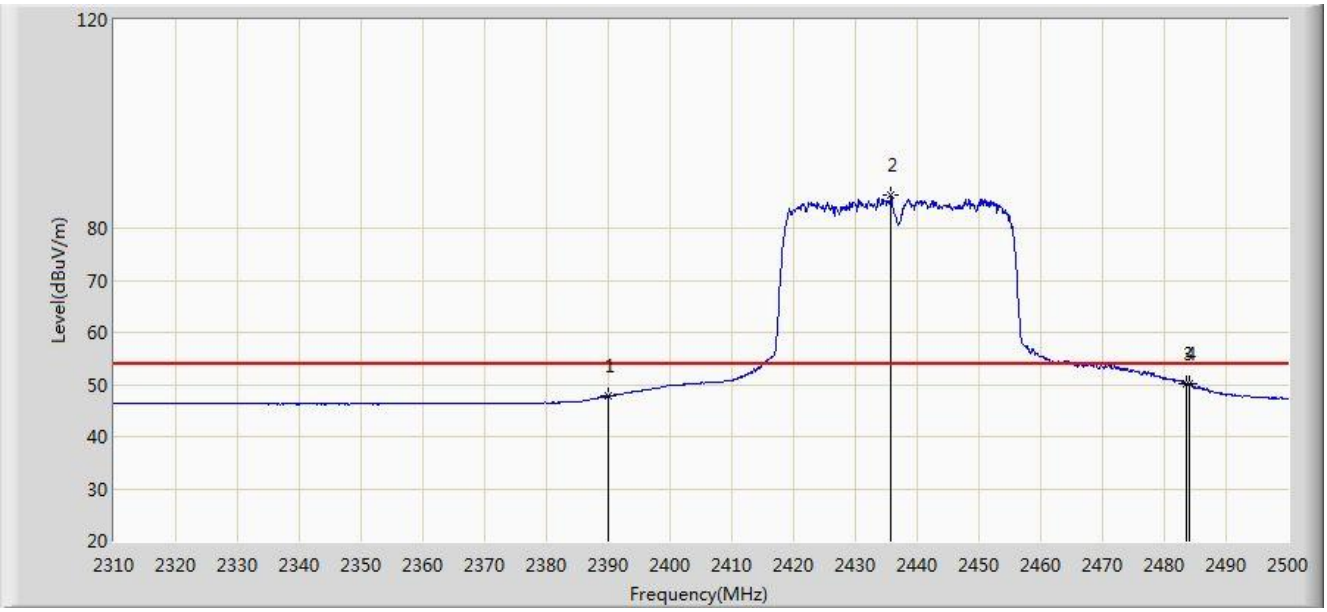


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.755	66.010	33.681	-7.990	74.000	32.329	PK
2			2390.000	63.713	31.386	-10.287	74.000	32.327	PK
3		*	2429.225	105.908	73.632	N/A	N/A	32.276	PK
4			2483.500	72.532	40.193	-1.468	74.000	32.340	PK
5			2483.755	73.553	41.213	-0.447	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/15 - 06:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Messiah Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2437MHz	

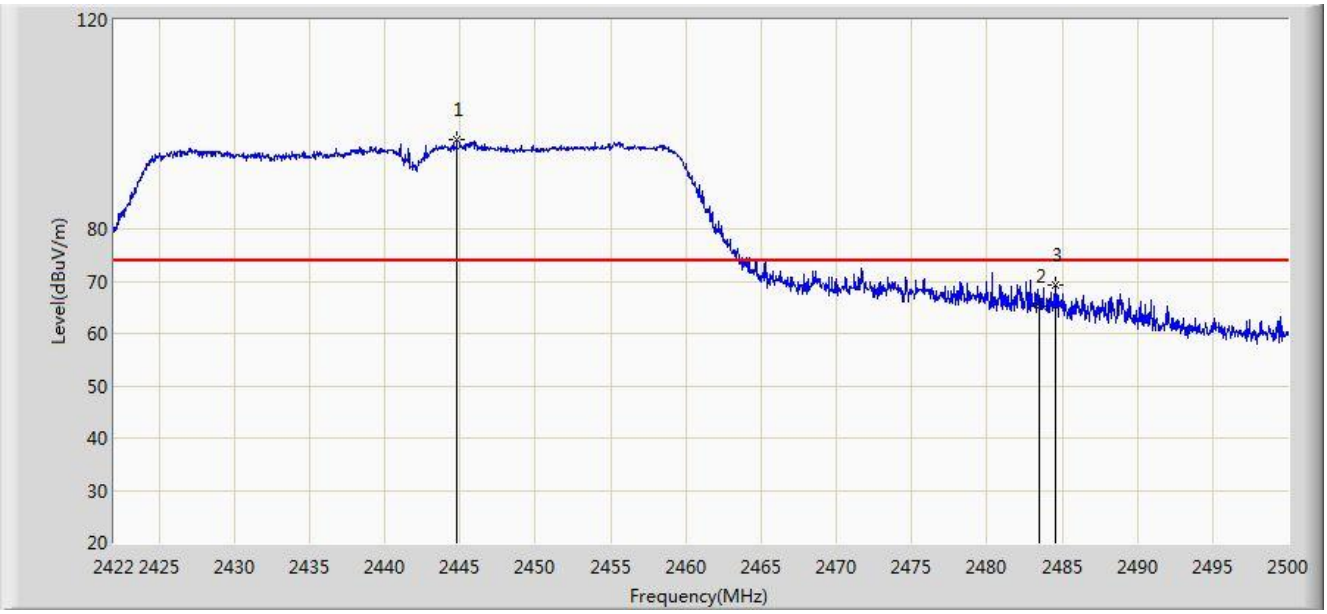


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.735	15.408	-6.265	54.000	32.327	AV
2		*	2435.780	86.418	54.153	N/A	N/A	32.265	AV
3			2483.500	50.072	17.733	-3.928	54.000	32.340	AV
4			2484.040	50.275	17.934	-3.725	54.000	32.342	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2442MHz	

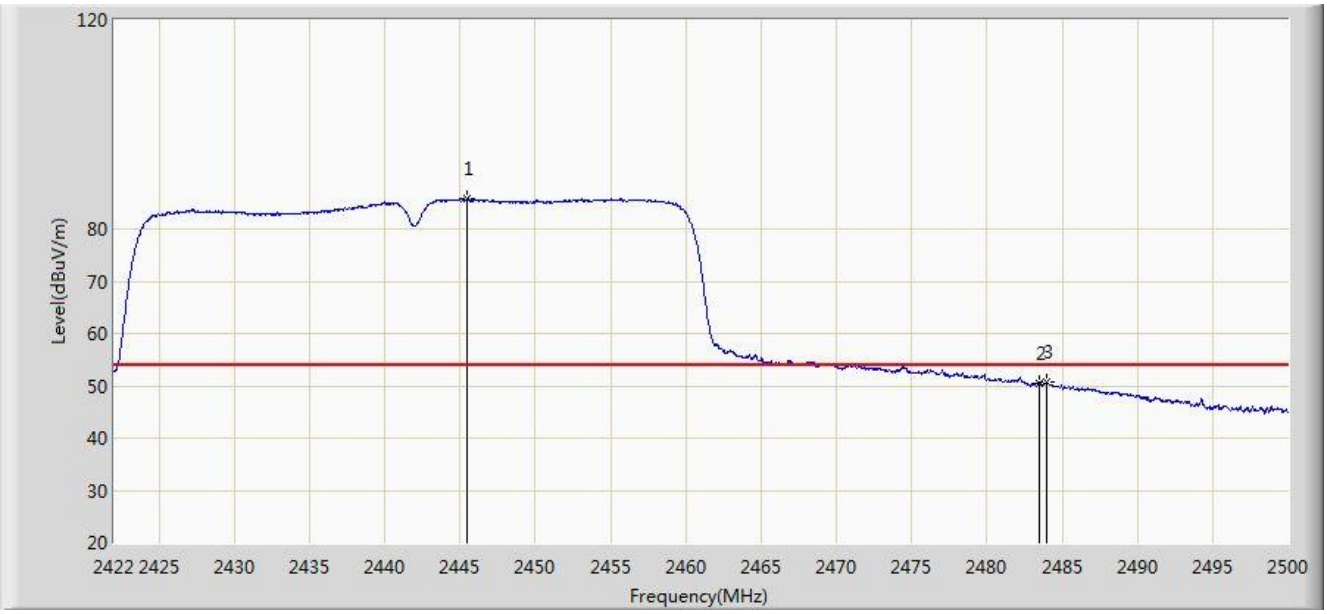


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.776	97.079	64.829	N/A	N/A	32.250	PK
2			2483.500	65.078	32.739	-8.922	74.000	32.340	PK
3			2484.517	69.340	36.997	-4.660	74.000	32.343	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2442MHz	

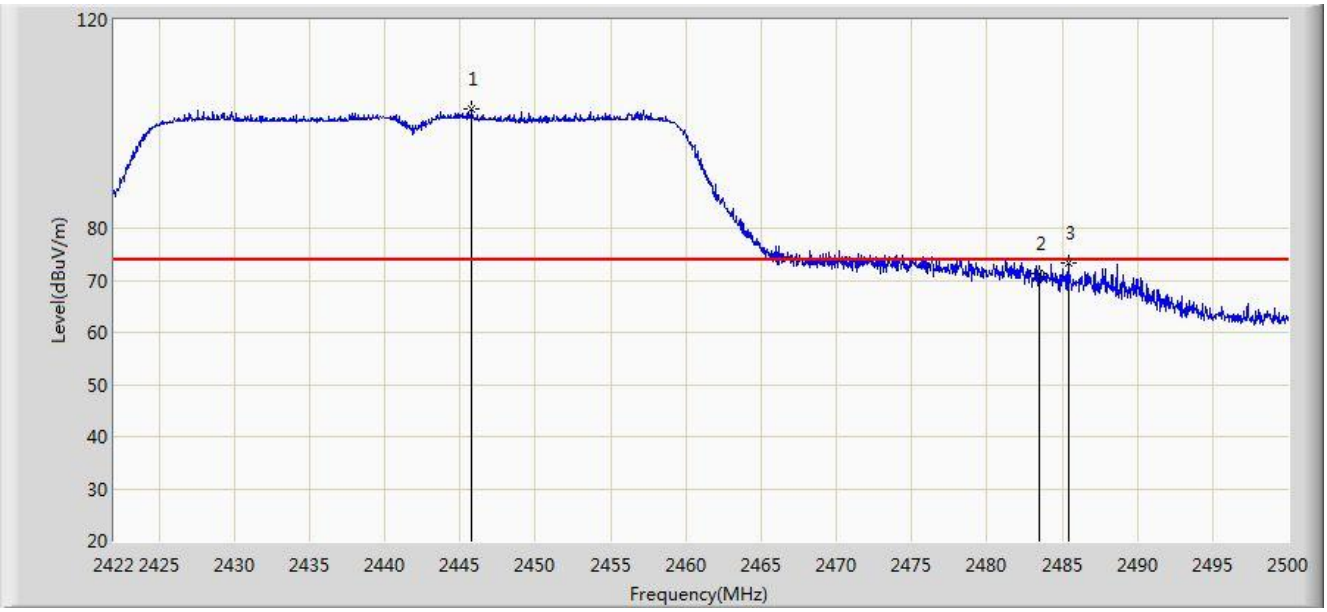


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.478	85.800	53.551	N/A	N/A	32.250	AV
2			2483.500	50.449	18.110	-3.551	54.000	32.340	AV
3			2483.971	50.761	18.420	-3.239	54.000	32.341	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2442MHz	

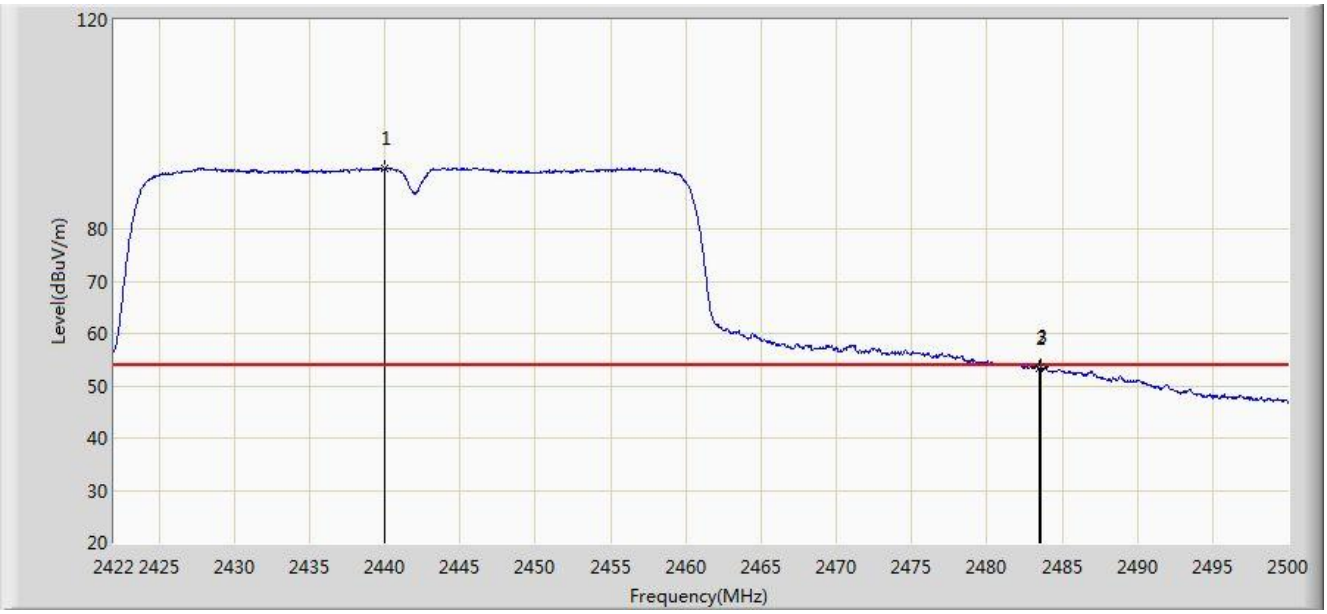


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2445.751	102.885	70.636	N/A	N/A	32.249	PK
2			2483.500	71.283	38.944	-2.717	74.000	32.340	PK
3			2485.414	73.200	40.853	-0.800	74.000	32.347	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2442MHz	

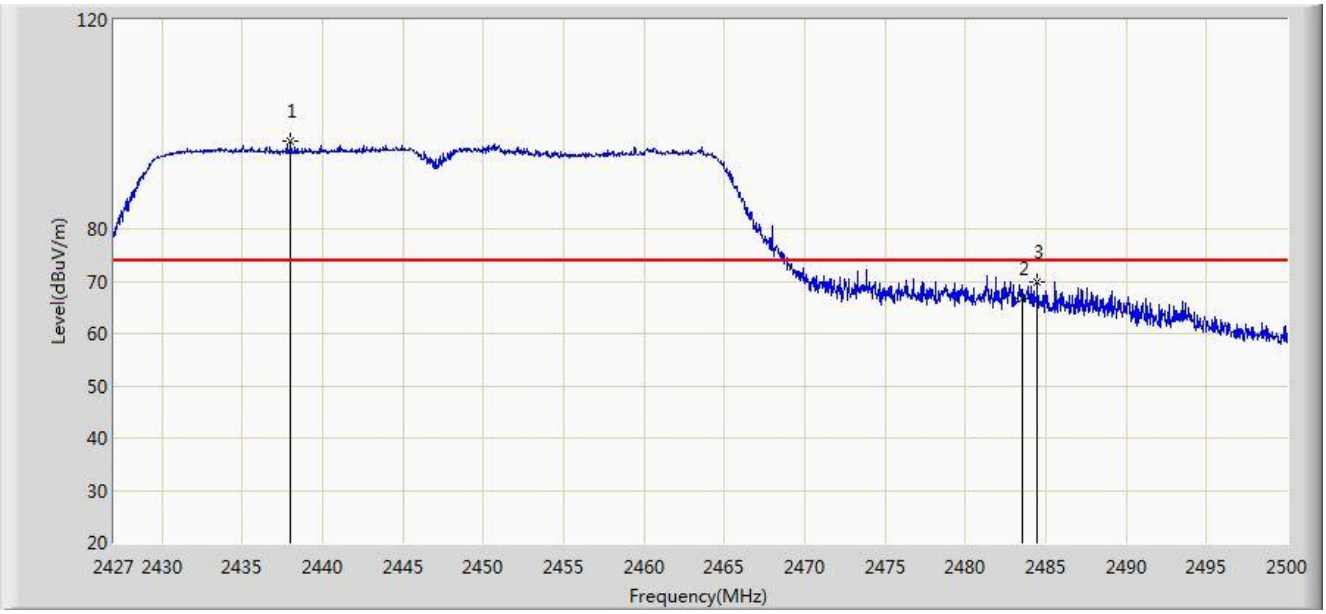


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2439.979	91.635	59.377	N/A	N/A	32.258	AV
2			2483.500	53.395	21.056	-0.605	54.000	32.340	AV
3			2483.581	53.521	21.182	-0.479	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2447MHz	

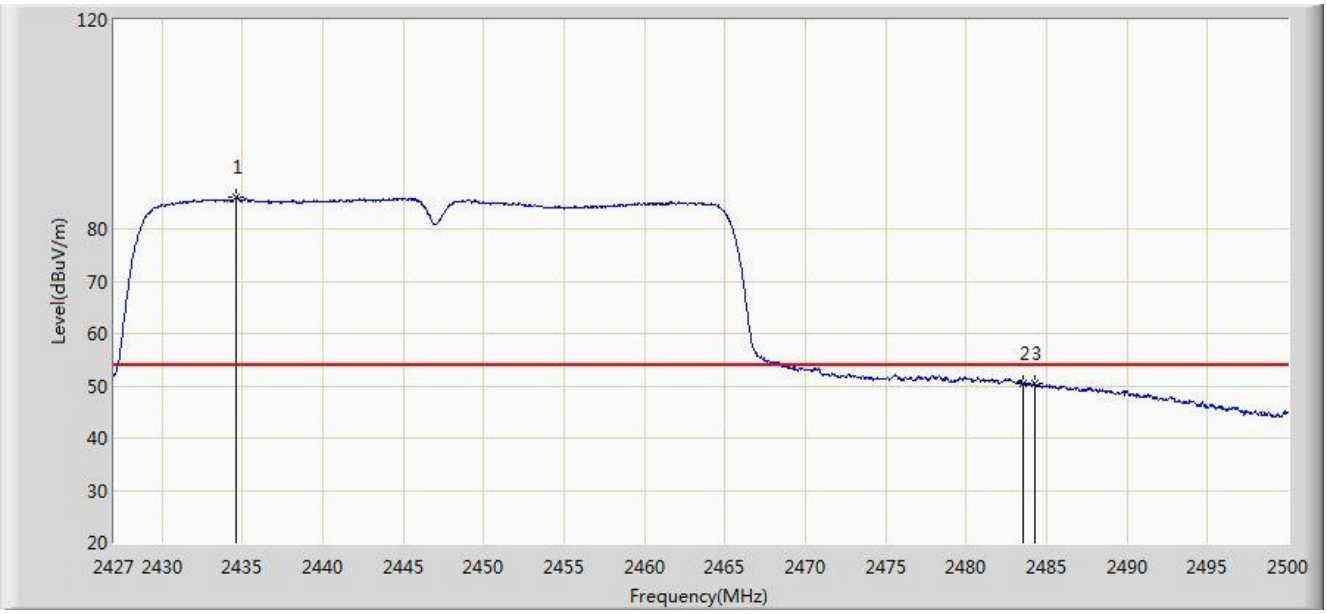


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2438.023	96.787	64.526	N/A	N/A	32.262	PK
2			2483.500	66.747	34.408	-7.253	74.000	32.340	PK
3			2484.488	69.965	37.622	-4.035	74.000	32.343	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2447MHz	

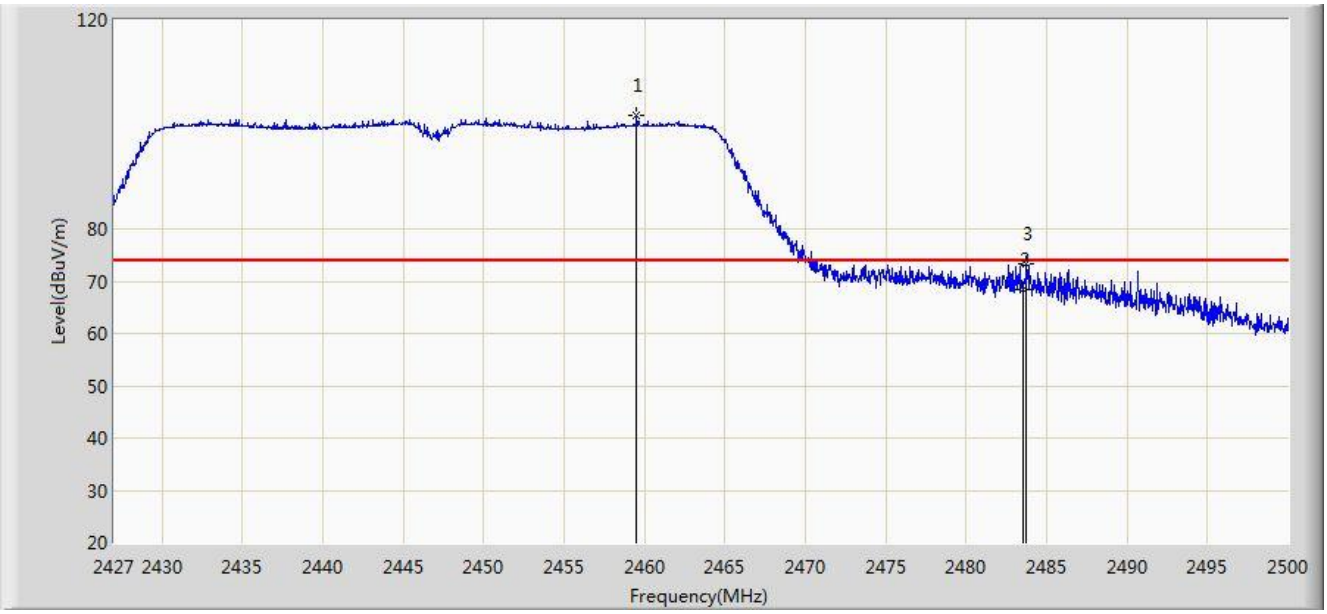


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2434.555	85.975	53.708	N/A	N/A	32.267	AV
2			2483.500	50.305	17.966	-3.695	54.000	32.340	AV
3			2484.232	50.514	18.172	-3.486	54.000	32.342	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2447MHz	

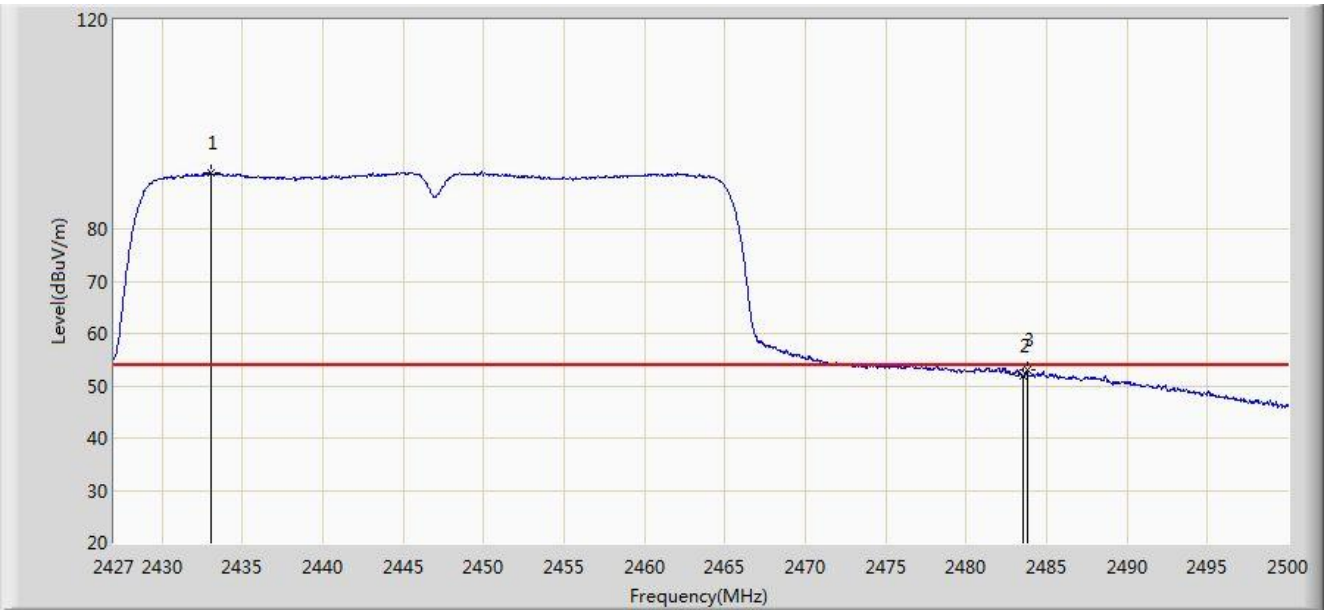


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.485	101.606	69.331	N/A	N/A	32.275	PK
2			2483.500	68.359	36.020	-5.641	74.000	32.340	PK
3			2483.721	73.436	41.096	-0.564	74.000	32.340	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2447MHz	

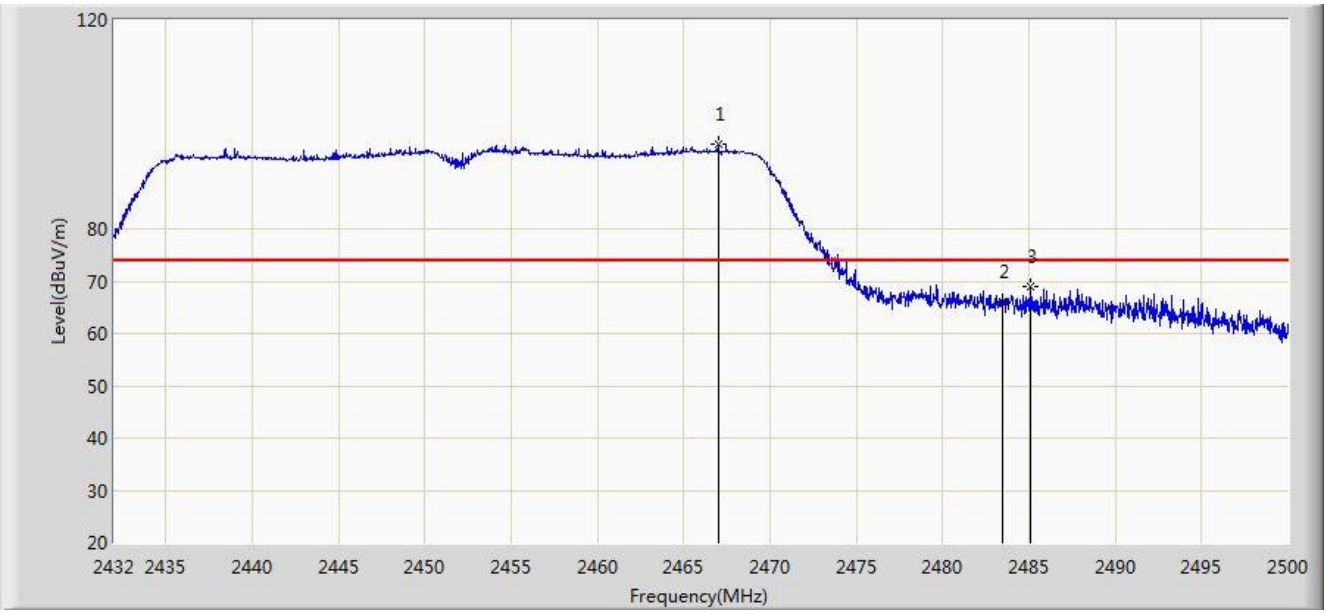


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2433.022	90.830	58.560	N/A	N/A	32.270	AV
2			2483.500	51.976	19.637	-2.024	54.000	32.340	AV
3			2483.831	53.139	20.799	-0.861	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	

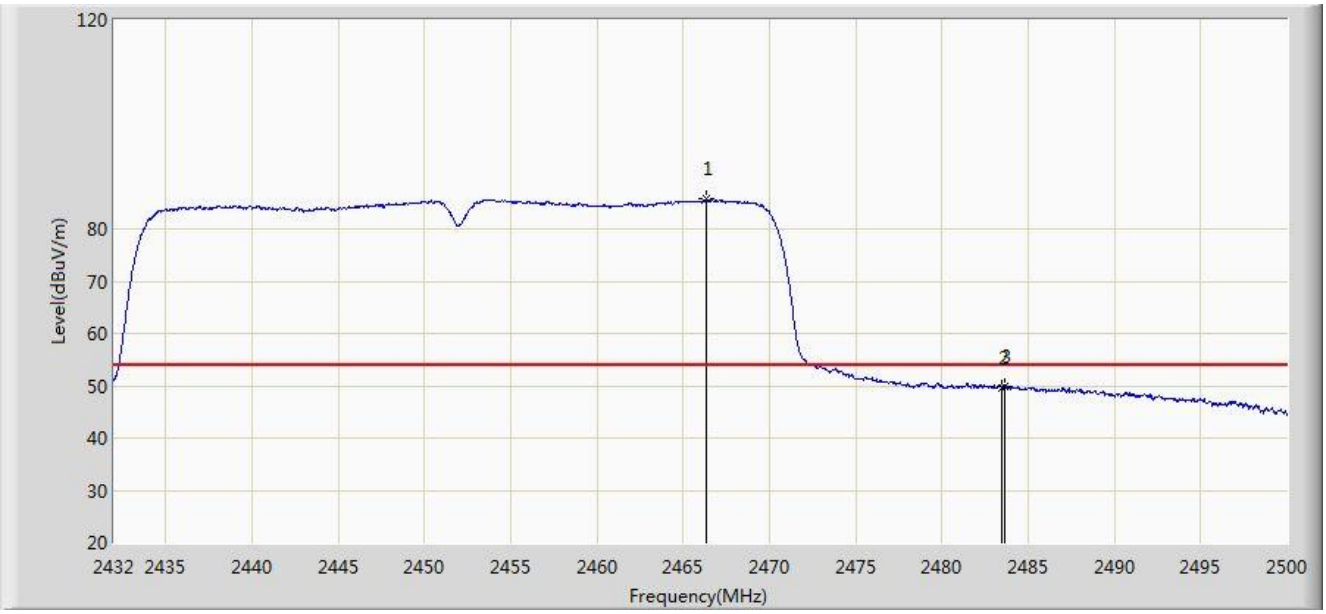


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.986	96.157	63.866	N/A	N/A	32.292	PK
2			2483.500	66.078	33.739	-7.922	74.000	32.340	PK
3			2485.074	68.916	36.571	-5.084	74.000	32.345	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	

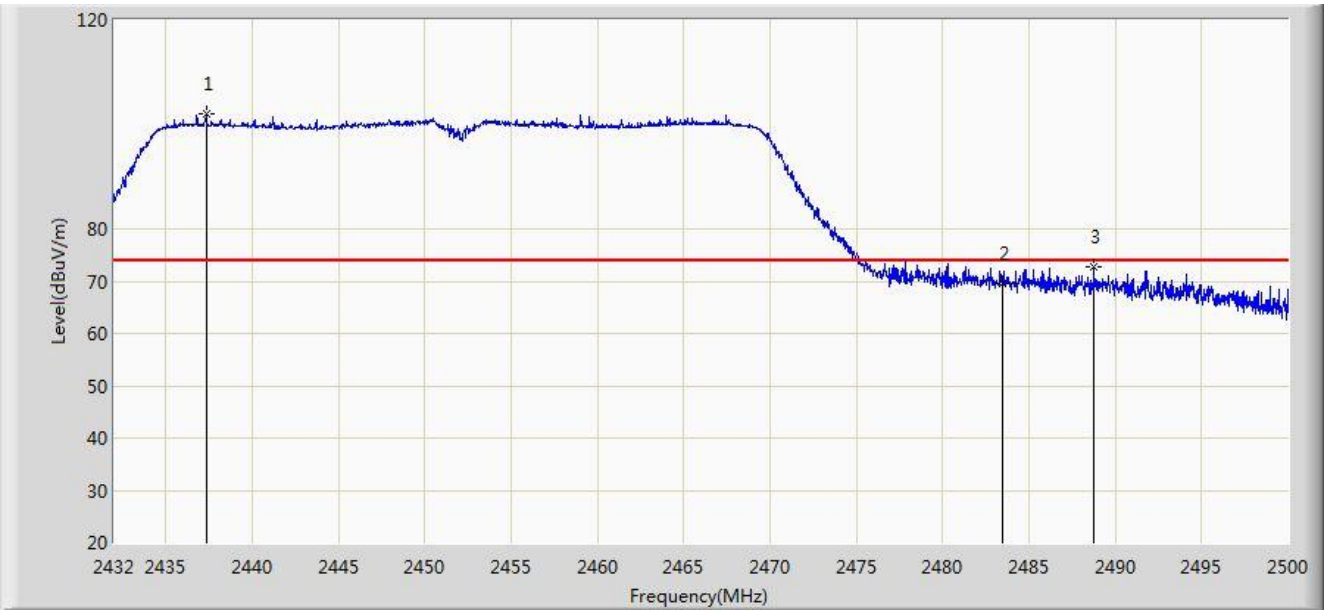


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.306	85.681	53.391	N/A	N/A	32.290	AV
2			2483.500	49.445	17.106	-4.555	54.000	32.340	AV
3			2483.646	49.881	17.541	-4.119	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/11/22 - 08:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	

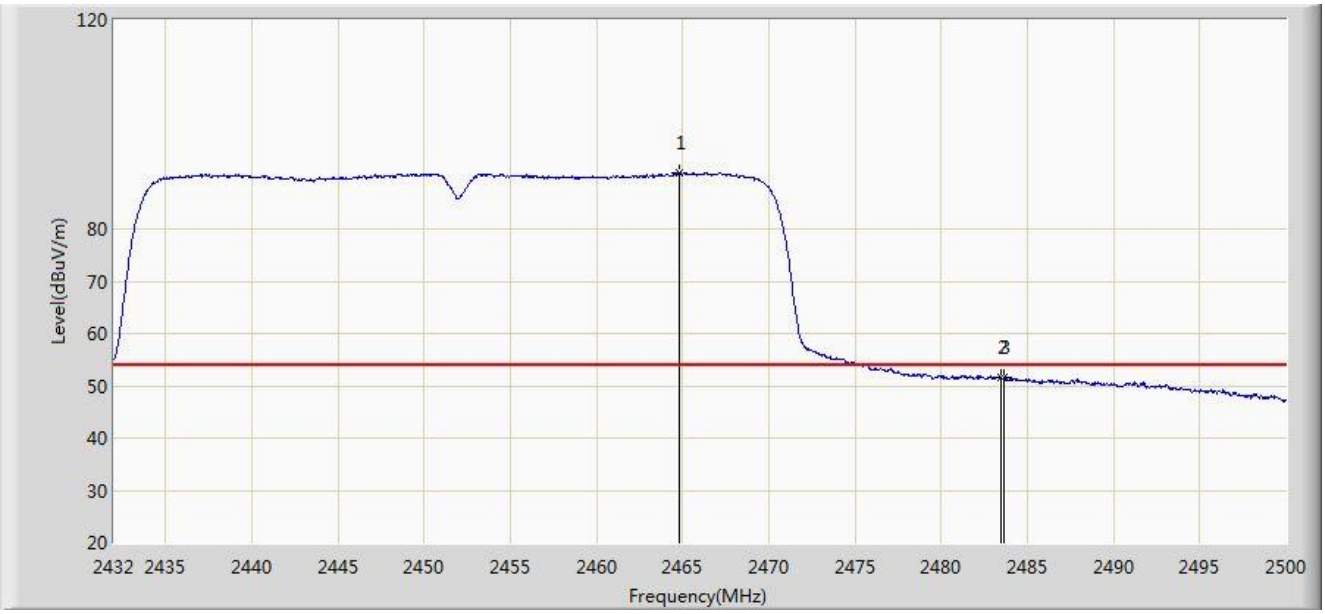


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2437.338	102.155	69.893	N/A	N/A	32.262	PK
2			2483.500	69.537	37.198	-4.463	74.000	32.340	PK
3			2488.746	72.842	40.482	-1.158	74.000	32.360	PK

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

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

Site: AC1	Time: 2018/11/22 - 08:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.776	90.780	58.494	N/A	N/A	32.286	AV
2			2483.500	51.475	19.136	-2.525	54.000	32.340	AV
3			2483.612	51.634	19.294	-2.366	54.000	32.340	AV

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

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

7.8. AC Conducted Emissions Measurement

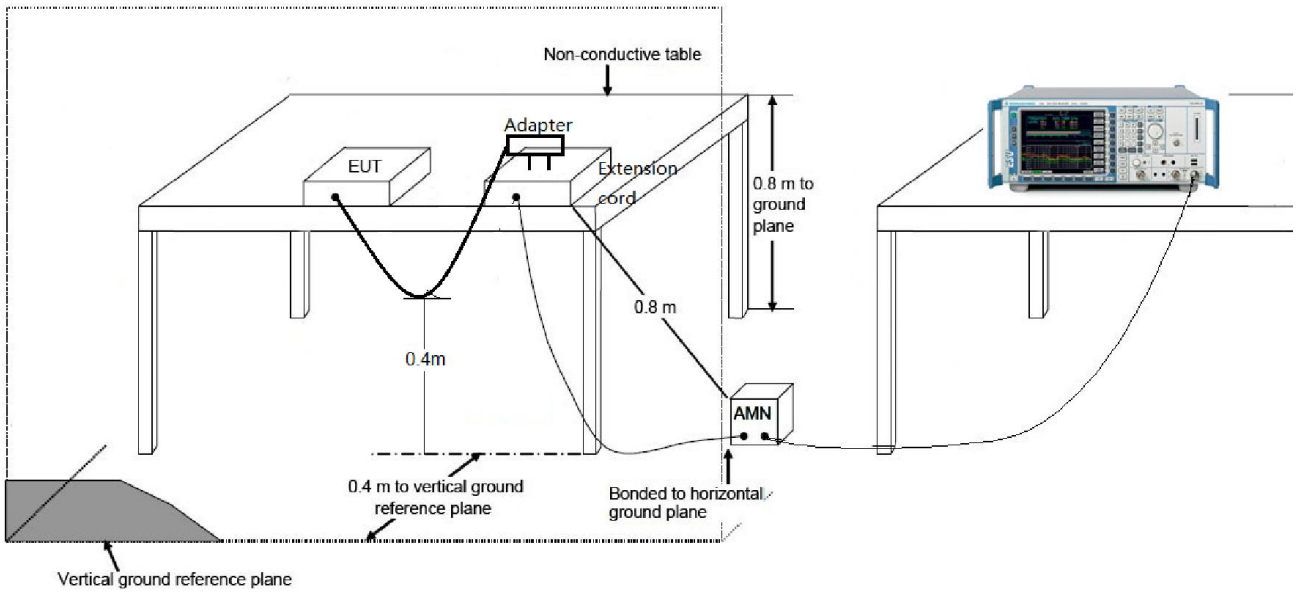
7.8.1.Test Limit

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

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

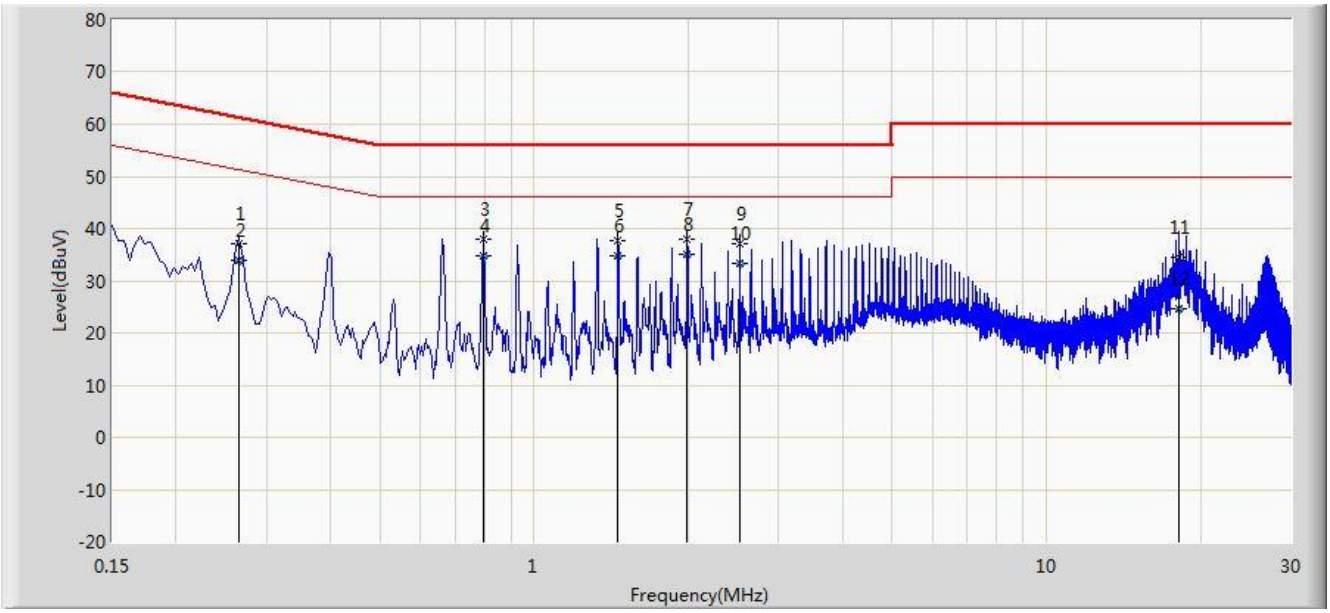
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHzto 0.5MHz.

7.8.2.Test Setup



7.8.3.Test Result

Site: SR2	Time: 2018/11/29 - 11:23
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Worst case	

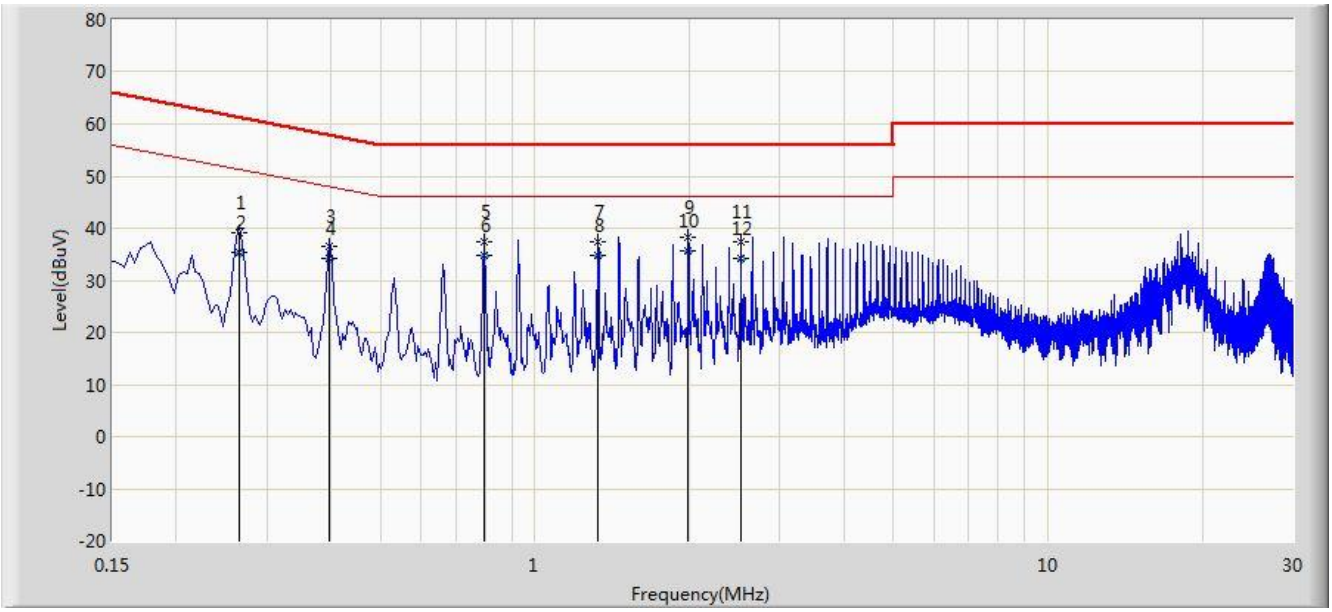


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.266	37.086	27.109	-24.156	61.242	9.977	QP
2			0.266	33.896	23.919	-17.346	51.242	9.977	AV
3			0.794	37.827	27.813	-18.173	56.000	10.014	QP
4			0.794	34.726	24.712	-11.274	46.000	10.014	AV
5			1.458	37.550	27.660	-18.450	56.000	9.891	QP
6			1.458	34.668	24.777	-11.332	46.000	9.891	AV
7			1.990	38.012	28.141	-17.988	56.000	9.871	QP
8		*	1.990	35.113	25.242	-10.887	46.000	9.871	AV
9			2.522	36.977	27.121	-19.023	56.000	9.856	QP
10			2.522	33.335	23.479	-12.665	46.000	9.856	AV
11			18.126	34.544	24.443	-25.456	60.000	10.101	QP
12			18.126	24.557	14.456	-25.443	50.000	10.101	AV

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

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

Site: SR2	Time: 2018/11/29 - 11:28
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Worst case	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.266	39.170	29.157	-22.072	61.242	10.013	QP
2			0.266	35.454	25.441	-15.788	51.242	10.013	AV
3			0.398	36.455	26.345	-21.440	57.895	10.111	QP
4			0.398	34.185	24.075	-13.710	47.895	10.111	AV
5			0.794	37.334	27.312	-18.666	56.000	10.023	QP
6			0.794	34.698	24.676	-11.302	46.000	10.023	AV
7			1.326	37.354	27.457	-18.646	56.000	9.897	QP
8			1.326	34.715	24.818	-11.285	46.000	9.897	AV
9			1.990	38.397	28.524	-17.603	56.000	9.873	QP
10		*	1.990	35.602	25.729	-10.398	46.000	9.873	AV
11			2.522	37.335	27.475	-18.665	56.000	9.860	QP
12			2.522	34.239	24.379	-11.761	46.000	9.860	AV

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

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **AC1200 Wireless Dual Band PCI Express Adapter** is in compliance with Part 15C of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “1811RSU003-UT” file.

Appendix B - EUT Photograph

Refer to “1811RSU003-UE” file.