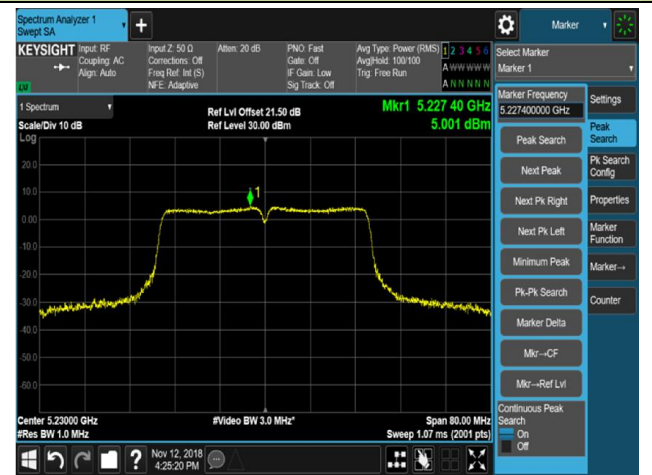


802.11n-HT40 Power Spectral Density - Ant B / Ant A + B

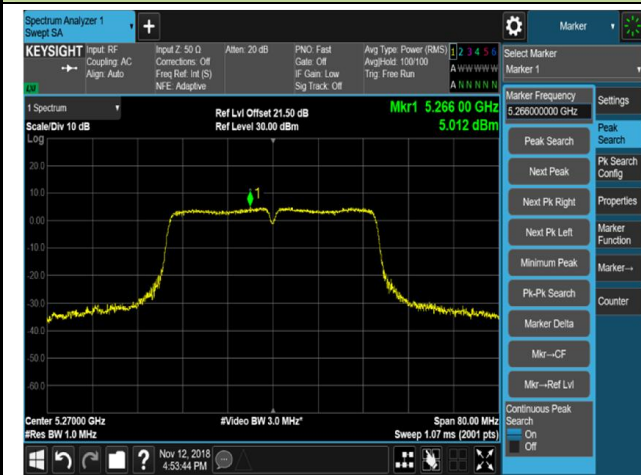
Channel 38 (5190MHz)



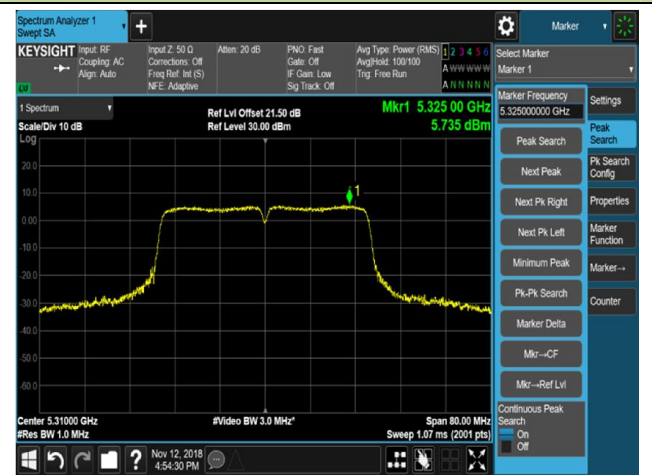
Channel 46 (5230MHz)



Channel 54 (5270MHz)



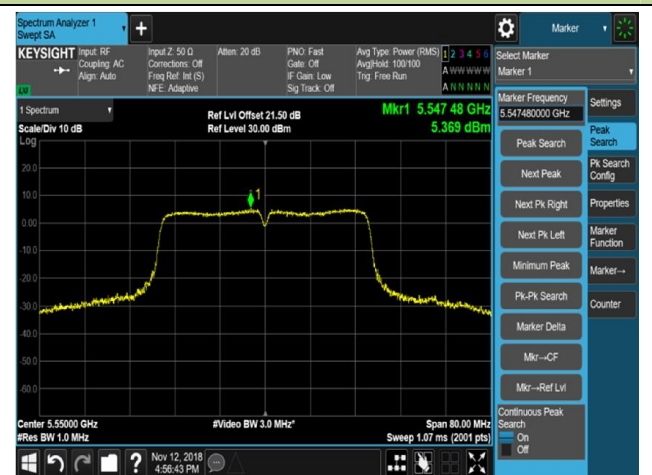
Channel 62 (5310MHz)

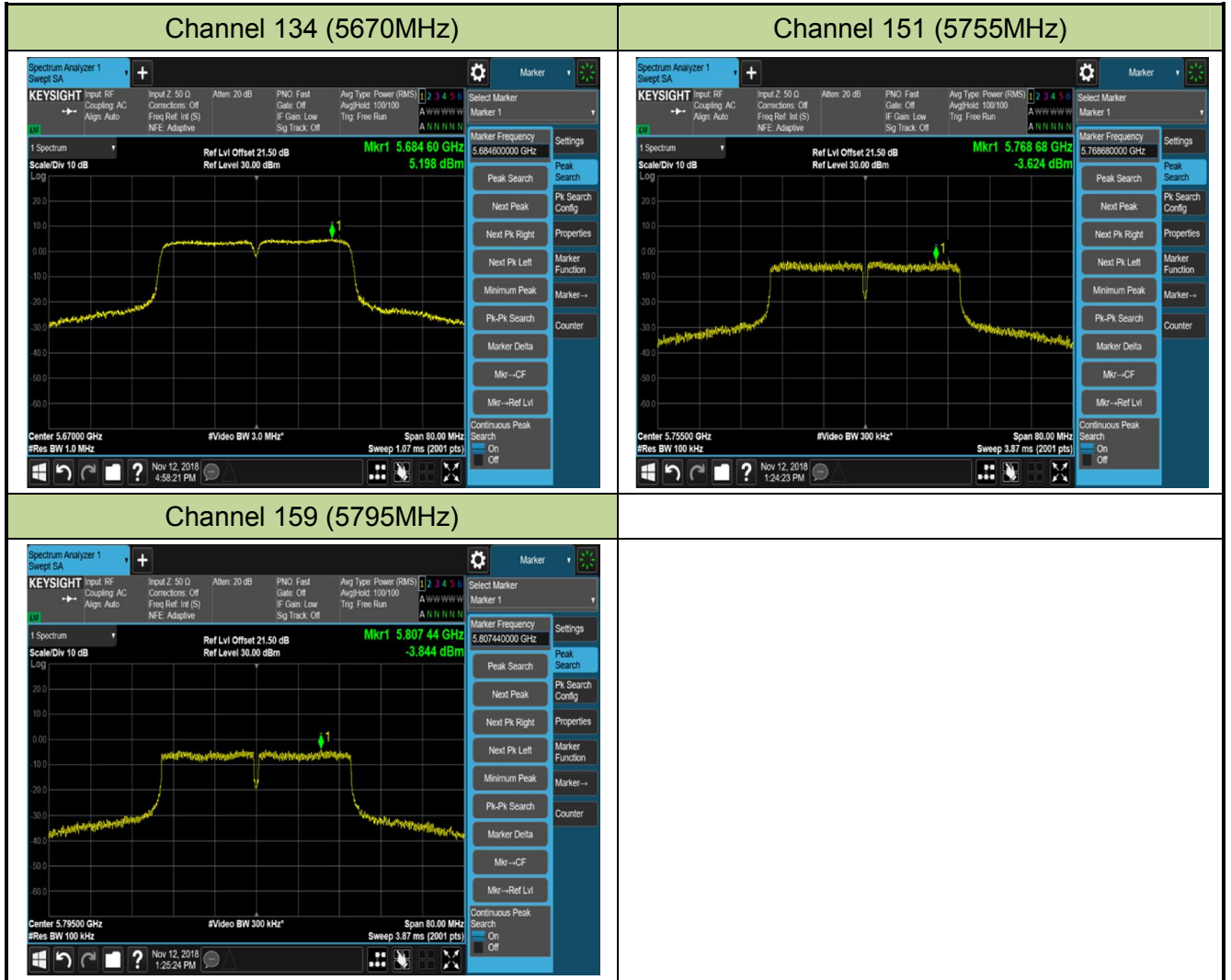


Channel 102 (5510MHz)



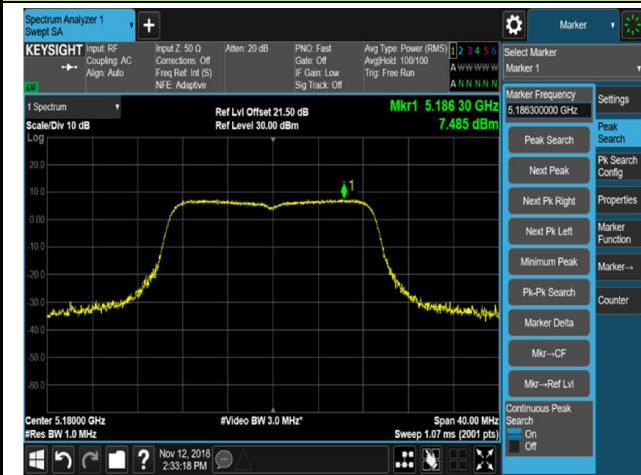
Channel 110 (5550MHz)





802.11ac-VHT20 Power Spectral Density - Ant B / Ant A + B

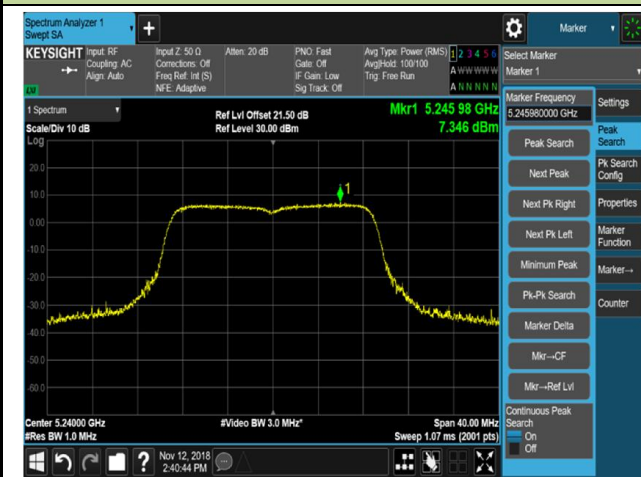
Channel 36 (5180MHz)



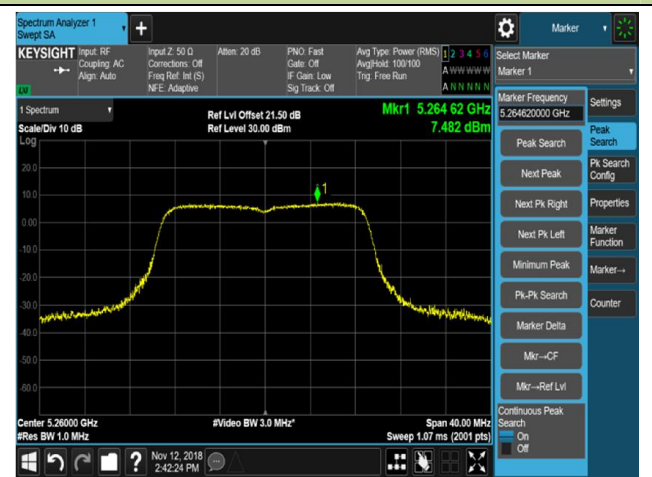
Channel 44 (5220MHz)



Channel 48 (5240MHz)



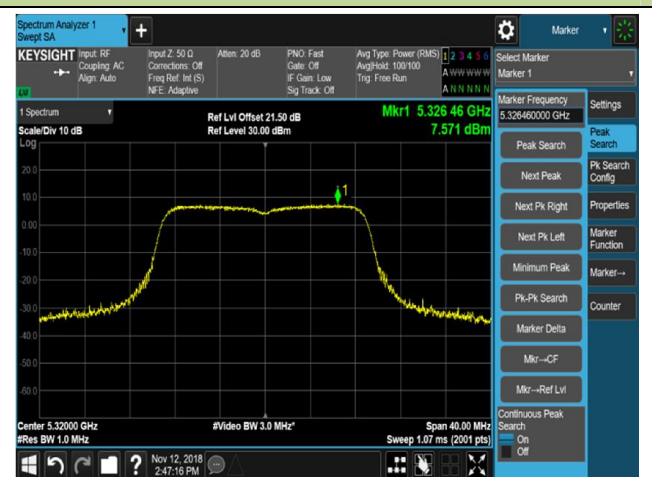
Channel 52 (5260MHz)



Channel 60 (5300MHz)



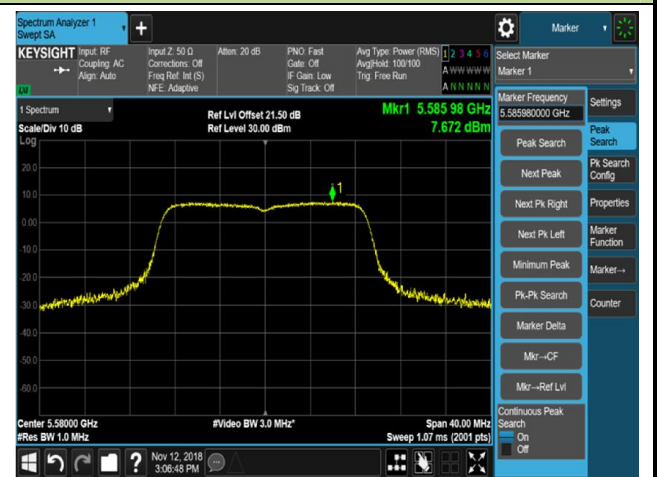
Channel 64 (5320MHz)



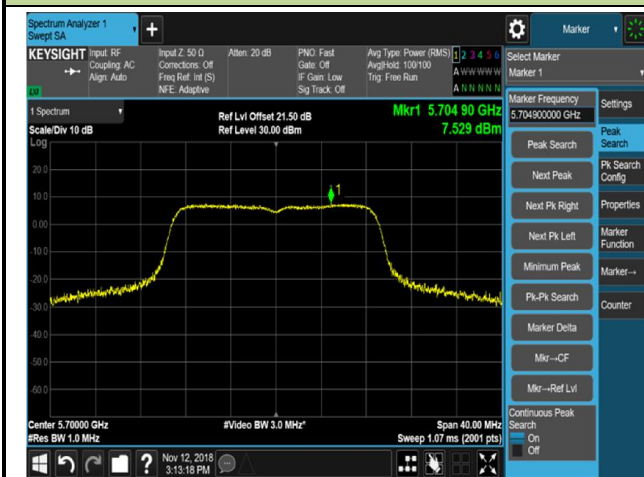
Channel 100 (5500MHz)



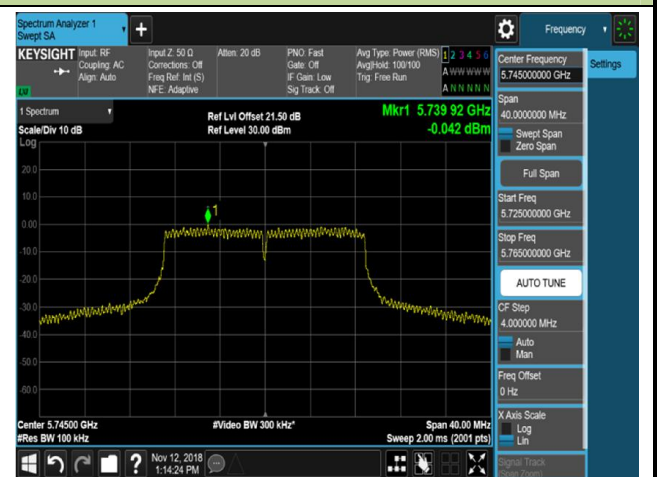
Channel 116 (5580MHz)



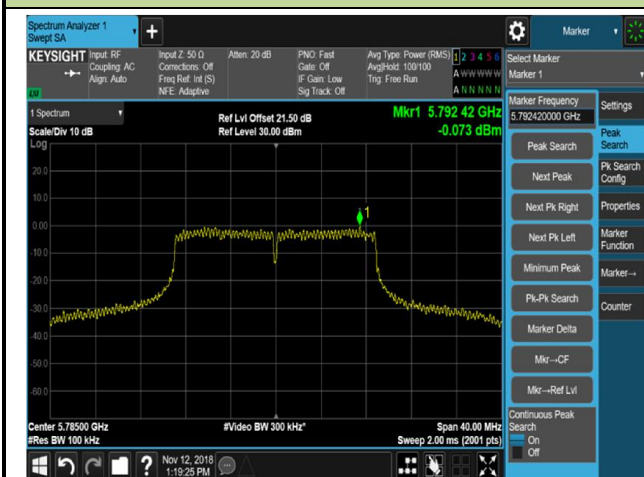
Channel 140 (5700MHz)



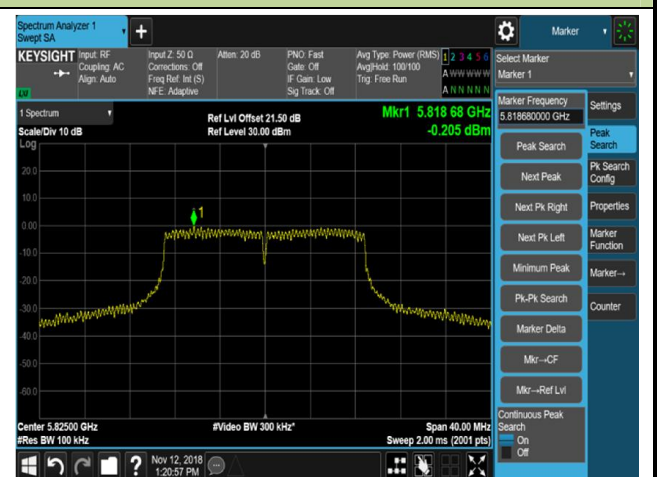
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)

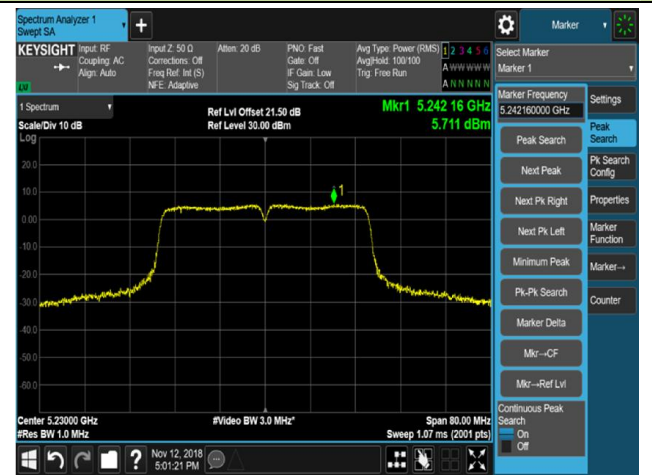


802.11ac-VHT40 Power Spectral Density - Ant B / Ant A + B

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



Channel 62 (5310MHz)

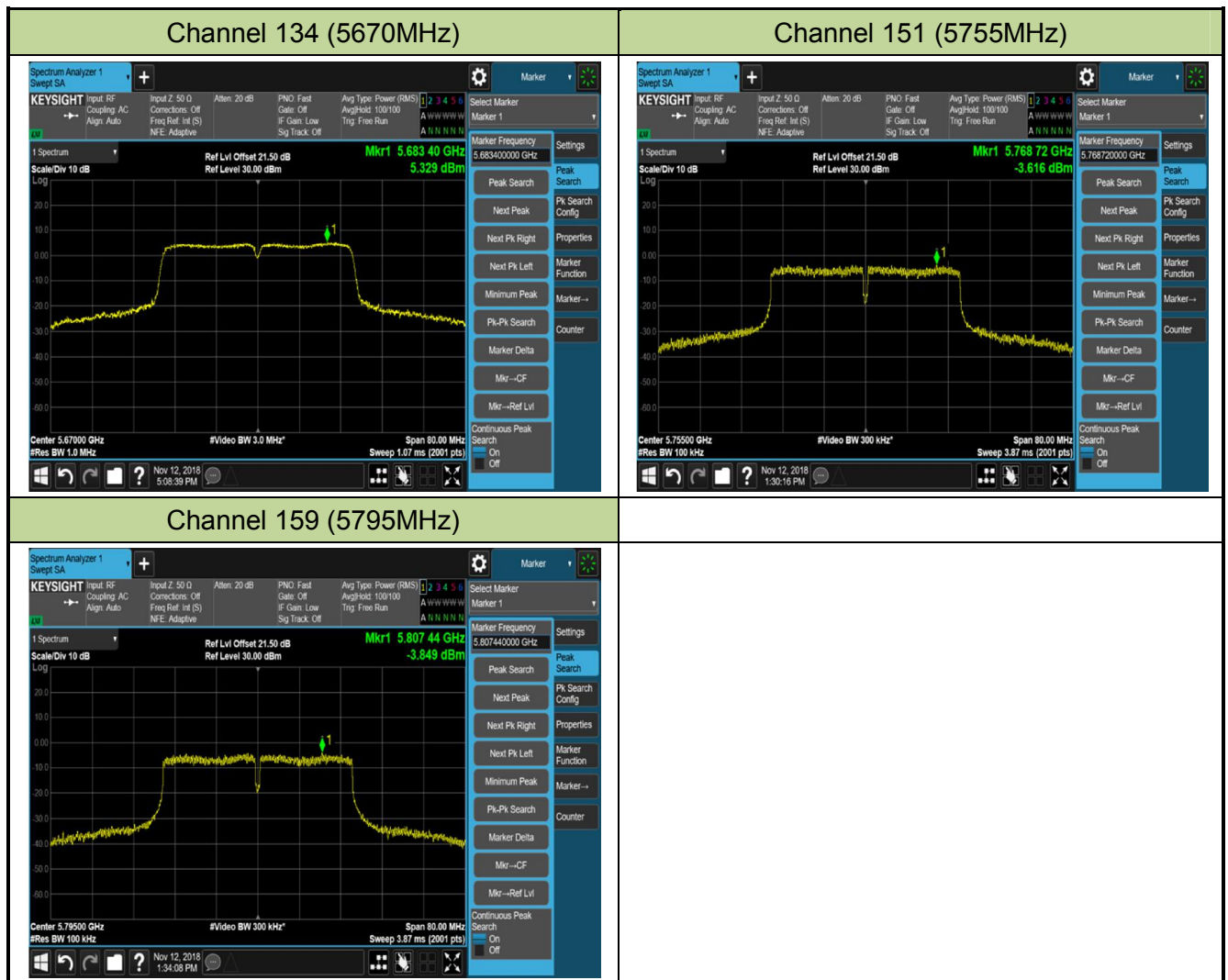


Channel 102 (5510MHz)



Channel 110 (5550MHz)



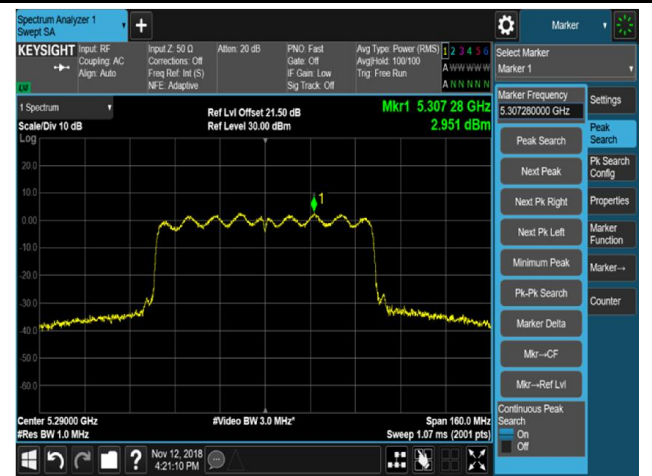


802.11ac-VHT80 Power Spectral Density - Ant B / Ant A + B

Channel 42 (5210MHz)



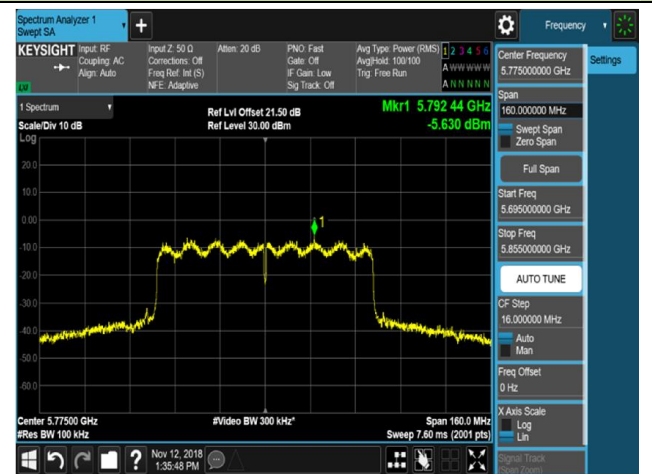
Channel 58 (5290MHz)



Channel 106 (5530MHz)



Channel 155 (5775MHz)



7.7. Frequency Stability Measurement

7.7.1. Test Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5GHz band (IEEE 802.11 specification).

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

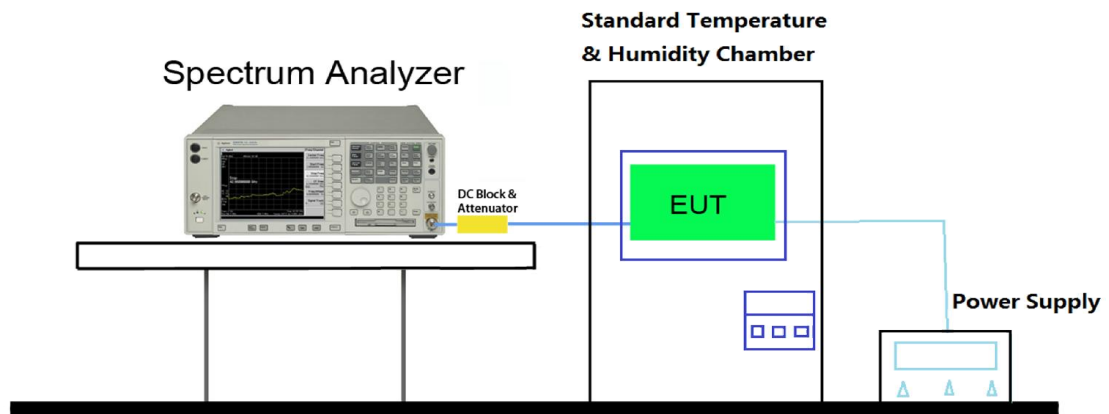
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

7.7.3. Test Setup



7.7.4. Test Result

Product	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	-30 ~ 50°C
Test Engineer	Flag Yang	Relative Humidity	46 ~ 55%RH
Test Site	TR3	Test Time	2018/11/19
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100%	120	- 30	-2.23
		- 20	-3.12
		- 10	-3.59
		0	-3.67
		+ 10	-2.94
		+ 20 (Ref)	-3.81
		+ 30	-4.41
		+ 40	-4.06
		+ 50	-3.92
115%	138	+ 20	-3.67
85%	102	+ 20	-3.28

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} * 10⁶.

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

7.8.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.8.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

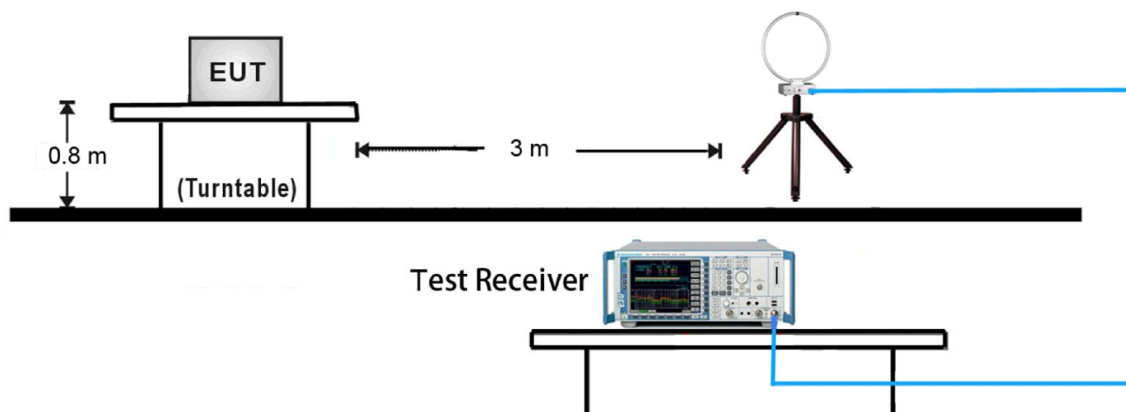
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

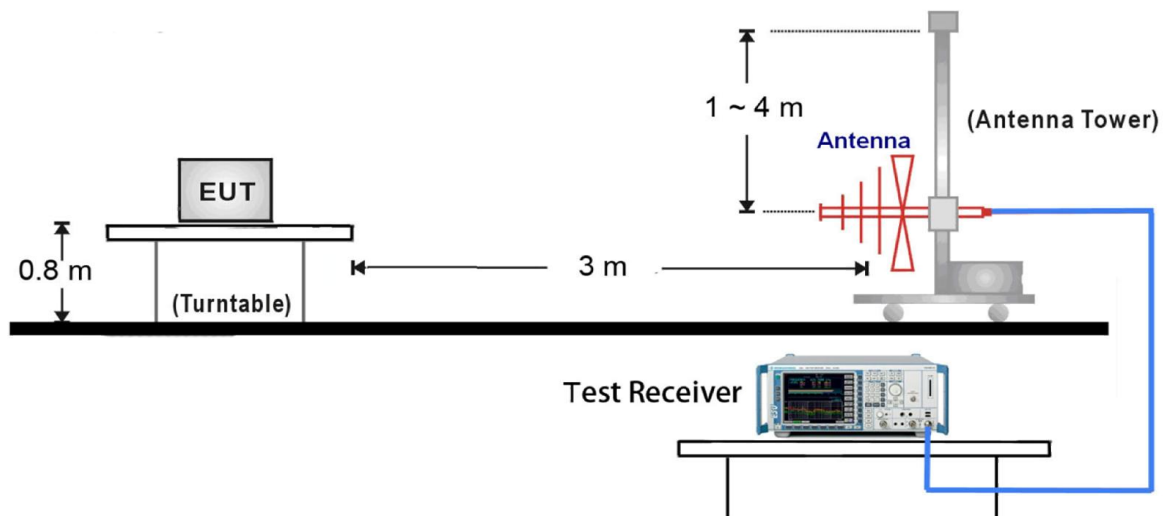
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4.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

7.8.4. Test Setup

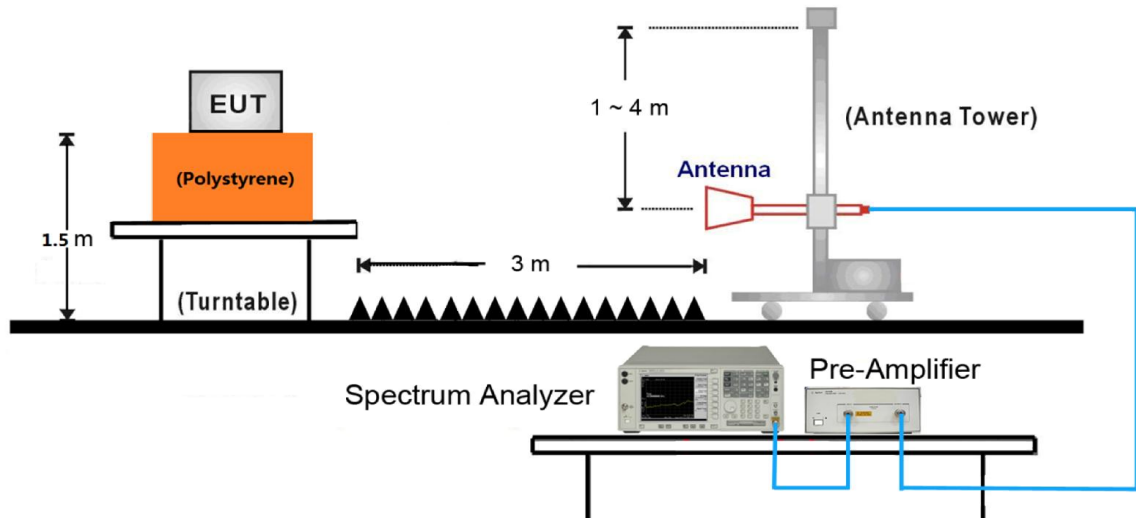
9kHz ~30MHz Test Setup:



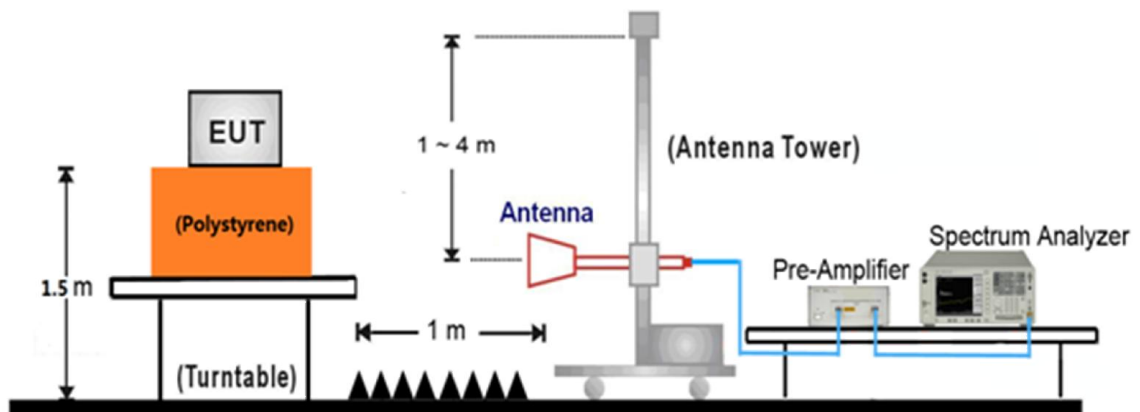
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Product	AC1200 Wireless Dual Band PCI Express Adapter	Temperature	26°C
Test Engineer	Dandy Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	36
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
*	8726.5	10.3	36.9	47.2	68.2	-21.0	Peak	Horizontal
*	9899.5	11.4	38.7	50.1	68.2	-18.1	Peak	Horizontal
	11004.5	11.0	40.3	51.3	74.0	-22.7	Peak	Horizontal
	12509.0	12.9	38.7	51.6	74.0	-22.4	Peak	Horizontal
*	8769.0	11.4	37.0	48.4	68.2	-19.8	Peak	Vertical
*	9814.5	13.0	38.6	51.6	68.2	-16.6	Peak	Vertical
	10936.5	12.6	40.3	52.9	74.0	-21.1	Peak	Vertical
	12245.5	12.7	39.2	51.9	74.0	-22.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	44
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
*	8667.0	11.4	36.9	48.3	68.2	-19.9	Peak	Horizontal
*	9899.5	12.0	38.7	50.7	68.2	-17.5	Peak	Horizontal
	11081.0	12.2	40.1	52.3	74.0	-21.7	Peak	Horizontal
	12237.0	13.6	39.2	52.8	74.0	-21.2	Peak	Horizontal
*	8837.0	11.4	36.9	48.3	68.2	-19.9	Peak	Vertical
*	9831.5	12.8	38.7	51.5	68.2	-16.7	Peak	Vertical
	10843.0	13.2	40.1	53.3	74.0	-20.7	Peak	Vertical
	12347.5	13.3	38.9	52.2	74.0	-21.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	48
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
*	8769.0	10.4	37.0	47.4	68.2	-20.8	Peak	Horizontal
*	9891.0	12.6	38.7	51.3	68.2	-16.9	Peak	Horizontal
	10877.0	13.4	40.2	53.6	74.0	-20.4	Peak	Horizontal
	12585.5	13.2	38.8	52.0	74.0	-22.0	Peak	Horizontal
*	8709.5	11.9	36.9	48.8	68.2	-19.4	Peak	Vertical
*	9831.5	12.6	38.7	51.3	68.2	-16.9	Peak	Vertical
	10834.5	12.5	40.1	52.6	74.0	-21.4	Peak	Vertical
	12534.5	13.7	38.7	52.4	74.0	-21.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	52
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
*	8794.5	9.9	37.0	46.9	68.2	-21.3	Peak	Horizontal
*	9831.5	12.1	38.7	50.8	68.2	-17.4	Peak	Horizontal
	10843.0	12.7	40.1	52.8	74.0	-21.2	Peak	Horizontal
	12390.0	13.1	38.8	51.9	74.0	-22.1	Peak	Horizontal
*	8760.5	12.0	37.0	49.0	68.2	-19.2	Peak	Vertical
*	9899.5	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	10817.5	12.7	40.0	52.7	74.0	-21.3	Peak	Vertical
	12092.5	13.0	39.3	52.3	74.0	-21.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	60
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
*	8786.0	10.6	37.0	47.6	68.2	-20.6	Peak	Horizontal
*	9967.5	14.1	38.6	52.7	68.2	-15.5	Peak	Horizontal
	11013.0	12.8	40.3	53.1	74.0	-20.9	Peak	Horizontal
	12594.0	12.9	38.8	51.7	74.0	-22.3	Peak	Horizontal
*	8684.0	11.7	36.9	48.6	68.2	-19.6	Peak	Vertical
*	9916.5	13.4	38.7	52.1	68.2	-16.1	Peak	Vertical
	11089.5	12.8	40.1	52.9	74.0	-21.1	Peak	Vertical
	12441.0	12.3	38.7	51.0	74.0	-23.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	64
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
*	8777.5	10.3	37.0	47.3	68.2	-20.9	Peak	Horizontal
*	9831.5	12.8	38.7	51.5	68.2	-16.7	Peak	Horizontal
	11030.0	12.1	40.2	52.3	74.0	-21.7	Peak	Horizontal
	12441.0	11.9	38.7	50.6	74.0	-23.4	Peak	Horizontal
*	8760.5	10.9	37.0	47.9	68.2	-20.3	Peak	Vertical
*	9848.5	12.3	38.7	51.0	68.2	-17.2	Peak	Vertical
	10868.5	12.6	40.2	52.8	74.0	-21.2	Peak	Vertical
	12398.5	11.3	38.7	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	100
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
*	8735.0	10.4	36.9	47.3	68.2	-20.9	Peak	Horizontal
*	9882.5	12.0	38.7	50.7	68.2	-17.5	Peak	Horizontal
	10877.0	12.3	40.2	52.5	74.0	-21.5	Peak	Horizontal
	12466.5	12.2	38.7	50.9	74.0	-23.1	Peak	Horizontal
*	8845.5	11.0	36.9	47.9	68.2	-20.3	Peak	Vertical
*	10027.0	12.8	38.6	51.4	68.2	-16.8	Peak	Vertical
	10894.0	13.5	40.3	53.8	74.0	-20.2	Peak	Vertical
	12500.5	11.7	38.7	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	116
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
*	8752.0	9.5	37.0	46.5	68.2	-21.7	Peak	Horizontal
*	9653.0	12.0	38.1	50.1	68.2	-18.1	Peak	Horizontal
	10817.5	13.1	40.0	53.1	74.0	-20.9	Peak	Horizontal
	12381.5	12.4	38.8	51.2	74.0	-22.8	Peak	Horizontal
*	8735.0	10.0	36.9	46.9	68.2	-21.3	Peak	Vertical
*	9976.0	13.4	38.6	52.0	68.2	-16.2	Peak	Vertical
	10877.0	13.6	40.2	53.8	74.0	-20.2	Peak	Vertical
	12568.5	12.9	38.7	51.6	74.0	-22.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	140
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
*	8769.0	11.0	37.0	48.0	68.2	-20.2	Peak	Horizontal
*	9840.0	11.8	38.7	50.5	68.2	-17.7	Peak	Horizontal
	10783.5	10.5	39.9	50.4	74.0	-23.6	Peak	Horizontal
	12441.0	12.4	38.7	51.1	74.0	-22.9	Peak	Horizontal
*	8735.0	9.8	36.9	46.7	68.2	-21.5	Peak	Vertical
*	9857.0	10.7	38.7	49.4	68.2	-18.8	Peak	Vertical
	10843.0	11.1	40.1	51.2	74.0	-22.8	Peak	Vertical
	12449.5	11.3	38.7	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	149
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
*	8701.0	9.7	36.9	46.6	68.2	-21.6	Peak	Horizontal
*	9763.5	11.7	38.5	50.2	68.2	-18.0	Peak	Horizontal
	10758.0	12.5	39.8	52.3	74.0	-21.7	Peak	Horizontal
	12492.0	11.4	38.7	50.1	74.0	-23.9	Peak	Horizontal
*	8692.5	9.6	36.9	46.5	68.2	-21.7	Peak	Vertical
*	9984.5	12.3	38.6	50.9	68.2	-17.3	Peak	Vertical
	10843.0	12.6	40.1	52.7	74.0	-21.3	Peak	Vertical
	12381.5	12.0	38.8	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	157
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
*	8658.5	10.4	36.9	47.3	68.2	-20.9	Peak	Horizontal
*	9857.0	11.3	38.7	50.0	68.2	-18.2	Peak	Horizontal
	11140.5	12.9	40.0	52.9	74.0	-21.1	Peak	Horizontal
	12330.5	11.7	38.9	50.6	74.0	-23.4	Peak	Horizontal
*	8845.5	9.5	36.9	46.4	68.2	-21.8	Peak	Vertical
*	9721.0	10.8	38.2	49.0	68.2	-19.2	Peak	Vertical
	10826.0	10.7	40.1	50.8	74.0	-23.2	Peak	Vertical
	12509.0	12.0	38.7	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11a - Ant A	Test Channel:	165
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
*	8837.0	11.1	36.9	48.0	68.2	-20.2	Peak	Horizontal
*	9908.0	12.4	38.7	51.1	68.2	-17.1	Peak	Horizontal
	10809.0	13.2	40.0	53.2	74.0	-20.8	Peak	Horizontal
	12245.5	12.7	39.2	51.9	74.0	-22.1	Peak	Horizontal
*	8709.5	11.3	36.9	48.2	68.2	-20.0	Peak	Vertical
*	9899.5	12.2	38.7	50.9	68.2	-17.3	Peak	Vertical
	11004.5	12.5	40.3	52.8	74.0	-21.2	Peak	Vertical
	12483.5	12.5	38.7	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	36
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
*	8786.0	10.4	37.0	47.4	68.2	-20.8	Peak	Horizontal
*	9908.0	12.6	38.7	51.3	68.2	-16.9	Peak	Horizontal
	10868.5	11.9	40.2	52.1	74.0	-21.9	Peak	Horizontal
	11973.5	12.1	39.3	51.4	74.0	-22.6	Peak	Horizontal
*	8726.5	9.1	36.9	46.0	68.2	-22.2	Peak	Vertical
*	9814.5	11.8	38.6	50.4	68.2	-17.8	Peak	Vertical
	10775.0	12.4	39.9	52.3	74.0	-21.7	Peak	Vertical
	12390.0	12.0	38.8	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	44
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
*	8692.5	10.3	36.9	47.2	68.2	-21.0	Peak	Horizontal
*	9993.0	12.5	38.6	51.1	68.2	-17.1	Peak	Horizontal
	10877.0	12.8	40.2	53.0	74.0	-21.0	Peak	Horizontal
	12466.5	12.9	38.7	51.6	74.0	-22.4	Peak	Horizontal
*	8726.5	10.8	36.9	47.7	68.2	-20.5	Peak	Vertical
*	10154.5	13.0	38.8	51.8	68.2	-16.4	Peak	Vertical
	10860.0	12.4	40.2	52.6	74.0	-21.4	Peak	Vertical
	12407.0	12.8	38.7	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	48
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
*	8811.5	10.8	37.0	47.8	68.2	-20.4	Peak	Horizontal
*	9950.5	12.6	38.6	51.2	68.2	-17.0	Peak	Horizontal
	10749.5	12.3	39.8	52.1	74.0	-21.9	Peak	Horizontal
	12500.5	11.7	38.7	50.4	74.0	-23.6	Peak	Horizontal
*	8658.5	10.7	36.9	47.6	68.2	-20.6	Peak	Vertical
*	9933.5	12.4	38.6	51.0	68.2	-17.2	Peak	Vertical
	10953.5	12.4	40.3	52.7	74.0	-21.3	Peak	Vertical
	12271.0	11.1	39.1	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	52
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
*	8692.5	10.6	36.9	47.5	68.2	-20.7	Peak	Horizontal
*	9772.0	11.8	38.5	50.3	68.2	-17.9	Peak	Horizontal
	11149.0	12.6	40.0	52.6	74.0	-21.4	Peak	Horizontal
	12373.0	12.3	38.8	51.1	74.0	-22.9	Peak	Horizontal
*	8837.0	11.4	36.9	48.3	68.2	-19.9	Peak	Vertical
*	9891.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	11149.0	12.6	40.0	52.6	74.0	-21.4	Peak	Vertical
	12475.0	12.9	38.7	51.6	74.0	-22.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	60
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
*	8735.0	10.4	36.9	47.3	68.2	-20.9	Peak	Horizontal
*	9899.5	12.7	38.7	51.4	68.2	-16.8	Peak	Horizontal
	10792.0	13.1	40.0	53.1	74.0	-20.9	Peak	Horizontal
	12560.0	13.1	38.7	51.8	74.0	-22.2	Peak	Horizontal
*	8828.5	11.5	36.9	48.4	68.2	-19.8	Peak	Vertical
*	9857.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	10953.5	12.6	40.3	52.9	74.0	-21.1	Peak	Vertical
	12517.5	12.9	38.7	51.6	74.0	-22.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	64
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
*	8667.0	11.6	36.9	48.5	68.2	-19.7	Peak	Horizontal
*	9857.0	12.8	38.7	51.5	68.2	-16.7	Peak	Horizontal
	11055.5	12.3	40.2	52.5	74.0	-21.5	Peak	Horizontal
	12475.0	12.7	38.7	51.4	74.0	-22.6	Peak	Horizontal
*	8743.5	10.7	37.0	47.7	68.2	-20.5	Peak	Vertical
*	9865.5	13.6	38.7	52.3	68.2	-15.9	Peak	Vertical
	10834.5	12.9	40.1	53.0	74.0	-21.0	Peak	Vertical
	12577.0	13.5	38.8	52.3	74.0	-21.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	100
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
*	8769.0	11.3	37.0	48.3	68.2	-19.9	Peak	Horizontal
*	9857.0	12.1	38.7	50.8	68.2	-17.4	Peak	Horizontal
	11004.5	13.2	40.3	53.5	74.0	-20.5	Peak	Horizontal
	12415.5	12.1	38.7	50.8	74.0	-23.2	Peak	Horizontal
*	8735.0	9.9	36.9	46.8	68.2	-21.4	Peak	Vertical
*	9602.0	12.0	38.1	50.1	68.2	-18.1	Peak	Vertical
	10928.0	12.5	40.3	52.8	74.0	-21.2	Peak	Vertical
	12390.0	12.1	38.8	50.9	74.0	-23.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	116
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
*	7885.0	11.3	37.0	48.3	68.2	-19.9	Peak	Horizontal
*	8871.0	10.5	36.9	47.4	68.2	-20.8	Peak	Horizontal
	10826.0	11.2	40.1	51.3	74.0	-22.7	Peak	Horizontal
	12381.5	10.8	38.8	49.6	74.0	-24.4	Peak	Horizontal
*	8828.5	11.7	36.9	48.6	68.2	-19.6	Peak	Vertical
*	9976.0	12.3	38.6	50.9	68.2	-17.3	Peak	Vertical
	11047.0	12.0	40.2	52.2	74.0	-21.8	Peak	Vertical
	12441.0	11.8	38.7	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	140
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
*	8726.5	9.8	36.9	46.7	68.2	-21.5	Peak	Horizontal
*	9746.5	11.8	38.4	50.2	68.2	-18.0	Peak	Horizontal
	10758.0	12.6	39.8	52.4	74.0	-21.6	Peak	Horizontal
	12441.0	11.1	38.7	49.8	74.0	-24.2	Peak	Horizontal
*	8658.5	11.2	36.9	48.1	68.2	-20.1	Peak	Vertical
*	9857.0	12.7	38.7	51.4	68.2	-16.8	Peak	Vertical
	11390.2	28.2	17.6	45.8	54.0	-8.2	Average	Vertical
	11395.5	36.9	17.7	54.6	74.0	-19.4	Peak	Vertical
	15781.5	13.2	37.7	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	149
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
*	8735.0	10.4	36.9	47.3	68.2	-20.9	Peak	Horizontal
*	9857.0	12.1	38.7	50.8	68.2	-17.4	Peak	Horizontal
	10758.0	12.9	39.8	52.7	74.0	-21.3	Peak	Horizontal
	12449.5	12.5	38.7	51.2	74.0	-22.8	Peak	Horizontal
*	8811.5	10.7	37.0	47.7	68.2	-20.5	Peak	Vertical
*	9806.0	12.1	38.6	50.7	68.2	-17.5	Peak	Vertical
	10860.0	12.3	40.2	52.5	74.0	-21.5	Peak	Vertical
	12500.5	12.5	38.7	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	157
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
*	8811.5	10.7	37.0	47.7	68.2	-20.5	Peak	Horizontal
*	10095.0	12.6	38.6	51.2	68.2	-17.0	Peak	Horizontal
	10758.0	13.7	39.8	53.5	74.0	-20.5	Peak	Horizontal
	12577.0	13.0	38.8	51.8	74.0	-22.2	Peak	Horizontal
*	8752.0	9.0	37.0	46.0	68.2	-22.2	Peak	Vertical
*	9814.5	11.0	38.6	49.6	68.2	-18.6	Peak	Vertical
	10877.0	11.7	40.2	51.9	74.0	-22.1	Peak	Vertical
	12458.0	11.4	38.7	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT20 - Ant A + B	Test Channel:	165
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
*	8828.5	11.7	36.9	48.6	68.2	-19.6	Peak	Horizontal
*	10163.0	11.9	38.8	50.7	68.2	-17.5	Peak	Horizontal
	10877.0	12.8	40.2	53.0	74.0	-21.0	Peak	Horizontal
	12271.0	12.8	39.1	51.9	74.0	-22.1	Peak	Horizontal
*	8735.0	9.6	36.9	46.5	68.2	-21.7	Peak	Vertical
*	10239.5	11.4	39.0	50.4	68.2	-17.8	Peak	Vertical
	10792.0	12.5	40.0	52.5	74.0	-21.5	Peak	Vertical
	12458.0	12.7	38.7	51.4	74.0	-22.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	38
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
*	8692.5	10.3	36.9	47.2	68.2	-21.0	Peak	Horizontal
*	9746.5	12.2	38.4	50.6	68.2	-17.6	Peak	Horizontal
	10775.0	12.8	39.9	52.7	74.0	-21.3	Peak	Horizontal
	12381.5	11.8	38.8	50.6	74.0	-23.4	Peak	Horizontal
*	8675.5	11.6	36.9	48.5	68.2	-19.7	Peak	Vertical
*	9865.5	11.6	38.7	50.3	68.2	-17.9	Peak	Vertical
	10902.5	12.3	40.3	52.6	74.0	-21.4	Peak	Vertical
	12475.0	12.8	38.7	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	46
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
*	8709.5	11.0	36.9	47.9	68.2	-20.3	Peak	Horizontal
*	9976.0	12.5	38.6	51.1	68.2	-17.1	Peak	Horizontal
	10783.5	13.1	39.9	53.0	74.0	-21.0	Peak	Horizontal
	12245.5	12.8	39.2	52.0	74.0	-22.0	Peak	Horizontal
*	8769.0	10.4	37.0	47.4	68.2	-20.8	Peak	Vertical
*	9695.5	12.4	38.1	50.5	68.2	-17.7	Peak	Vertical
	10605.0	13.1	39.7	52.8	74.0	-21.2	Peak	Vertical
	12330.5	12.9	38.9	51.8	74.0	-22.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	54
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
*	8616.0	10.2	36.9	47.1	68.2	-21.1	Peak	Horizontal
*	9738.0	12.2	38.3	50.5	68.2	-17.7	Peak	Horizontal
	10868.5	10.6	40.2	50.8	74.0	-23.2	Peak	Horizontal
	12441.0	11.4	38.7	50.1	74.0	-23.9	Peak	Horizontal
*	8735.0	10.4	36.9	47.3	68.2	-20.9	Peak	Vertical
*	9967.5	13.4	38.6	52.0	68.2	-16.2	Peak	Vertical
	10979.0	12.7	40.3	53.0	74.0	-21.0	Peak	Vertical
	12500.5	12.8	38.7	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	62
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
*	8616.0	11.3	36.9	48.2	68.2	-20.0	Peak	Horizontal
*	9967.5	13.4	38.6	52.0	68.2	-16.2	Peak	Horizontal
	10970.5	12.5	40.3	52.8	74.0	-21.2	Peak	Horizontal
	12475.0	12.8	38.7	51.5	74.0	-22.5	Peak	Horizontal
*	8692.5	11.6	36.9	48.5	68.2	-19.7	Peak	Vertical
*	10027.0	12.5	38.6	51.1	68.2	-17.1	Peak	Vertical
	10792.0	12.8	40.0	52.8	74.0	-21.2	Peak	Vertical
	12339.0	12.6	38.9	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	102
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
*	8692.5	11.3	36.9	48.2	68.2	-20.0	Peak	Horizontal
*	9823.0	12.7	38.7	51.4	68.2	-16.8	Peak	Horizontal
	11013.0	12.6	40.3	52.9	74.0	-21.1	Peak	Horizontal
	12356.0	10.9	38.8	49.7	74.0	-24.3	Peak	Horizontal
*	8760.5	10.1	37.0	47.1	68.2	-21.1	Peak	Vertical
*	9899.5	11.9	38.7	50.6	68.2	-17.6	Peak	Vertical
	10741.0	12.5	39.8	52.3	74.0	-21.7	Peak	Vertical
	12441.0	11.7	38.7	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	110
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
*	8837.0	11.7	36.9	48.6	68.2	-19.6	Peak	Horizontal
*	9874.0	12.0	38.7	50.7	68.2	-17.5	Peak	Horizontal
	10843.0	11.8	40.1	51.9	74.0	-22.1	Peak	Horizontal
	12390.0	11.8	38.8	50.6	74.0	-23.4	Peak	Horizontal
*	8684.0	11.0	36.9	47.9	68.2	-20.3	Peak	Vertical
*	9704.0	13.3	38.1	51.4	68.2	-16.8	Peak	Vertical
	10766.5	12.6	39.9	52.5	74.0	-21.5	Peak	Vertical
	12169.0	11.5	39.3	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	134
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
*	8845.5	11.3	36.9	48.2	68.2	-20.0	Peak	Horizontal
*	9797.5	11.7	38.6	50.3	68.2	-17.9	Peak	Horizontal
	10817.5	12.3	40.0	52.3	74.0	-21.7	Peak	Horizontal
	12228.5	12.6	39.2	51.8	74.0	-22.2	Peak	Horizontal
*	7859.5	12.0	36.9	48.9	68.2	-19.3	Peak	Vertical
*	9874.0	12.2	38.7	50.9	68.2	-17.3	Peak	Vertical
	11106.5	12.3	40.1	52.4	74.0	-21.6	Peak	Vertical
	12551.5	12.1	38.7	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	151
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
*	8701.0	11.2	36.9	48.1	68.2	-20.1	Peak	Horizontal
*	9831.5	12.2	38.7	50.9	68.2	-17.3	Peak	Horizontal
	10826.0	12.5	40.1	52.6	74.0	-21.4	Peak	Horizontal
	12305.0	12.9	39.0	51.9	74.0	-22.1	Peak	Horizontal
*	8811.5	11.3	37.0	48.3	68.2	-19.9	Peak	Vertical
*	9840.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	10783.5	12.7	39.9	52.6	74.0	-21.4	Peak	Vertical
	12475.0	12.4	38.7	51.1	74.0	-22.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11n-HT40 - Ant A + B	Test Channel:	159
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
*	7902.0	12.3	37.0	49.3	68.2	-18.9	Peak	Horizontal
*	8777.5	10.5	37.0	47.5	68.2	-20.7	Peak	Horizontal
	10911.0	12.5	40.3	52.8	74.0	-21.2	Peak	Horizontal
	12347.5	12.1	38.9	51.0	74.0	-23.0	Peak	Horizontal
*	7876.5	12.9	36.9	49.8	68.2	-18.4	Peak	Vertical
*	9772.0	10.7	38.5	49.2	68.2	-19.0	Peak	Vertical
	10894.0	13.4	40.3	53.7	74.0	-20.3	Peak	Vertical
	12390.0	12.7	38.8	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	36
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
*	8769.0	10.3	37.0	47.3	68.2	-20.9	Peak	Horizontal
*	9967.5	13.3	38.6	51.9	68.2	-16.3	Peak	Horizontal
	10834.5	13.0	40.1	53.1	74.0	-20.9	Peak	Horizontal
	12500.5	12.3	38.7	51.0	74.0	-23.0	Peak	Horizontal
*	8811.5	11.1	37.0	48.1	68.2	-20.1	Peak	Vertical
*	9857.0	10.6	38.7	49.3	68.2	-18.9	Peak	Vertical
	10809.0	13.3	40.0	53.3	74.0	-20.7	Peak	Vertical
	12432.5	12.2	38.7	50.9	74.0	-23.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	44
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
*	8624.5	11.9	36.9	48.8	68.2	-19.4	Peak	Horizontal
*	9933.5	12.5	38.6	51.1	68.2	-17.1	Peak	Horizontal
	10877.0	10.2	40.2	50.4	74.0	-23.6	Peak	Horizontal
	12441.0	11.5	38.7	50.2	74.0	-23.8	Peak	Horizontal
*	8811.5	11.5	37.0	48.5	68.2	-19.7	Peak	Vertical
*	10239.5	12.5	39.0	51.5	68.2	-16.7	Peak	Vertical
	10970.5	12.2	40.3	52.5	74.0	-21.5	Peak	Vertical
	12398.5	11.0	38.7	49.7	74.0	-24.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	48
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
*	8845.5	11.8	36.9	48.7	68.2	-19.5	Peak	Horizontal
*	9993.0	12.5	38.6	51.1	68.2	-17.1	Peak	Horizontal
	10962.0	13.0	40.3	53.3	74.0	-20.7	Peak	Horizontal
	12347.5	12.0	38.9	50.9	74.0	-23.1	Peak	Horizontal
*	8735.0	10.3	36.9	47.2	68.2	-21.0	Peak	Vertical
*	9959.0	12.1	38.6	50.7	68.2	-17.5	Peak	Vertical
	10911.0	12.3	40.3	52.6	74.0	-21.4	Peak	Vertical
	12271.0	12.4	39.1	51.5	74.0	-22.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	52
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
*	8616.0	11.5	36.9	48.4	68.2	-19.8	Peak	Horizontal
*	9848.5	12.2	38.7	50.9	68.2	-17.3	Peak	Horizontal
	10868.5	13.1	40.2	53.3	74.0	-20.7	Peak	Horizontal
	12415.5	12.7	38.7	51.4	74.0	-22.6	Peak	Horizontal
*	8811.5	12.7	37.0	49.7	68.2	-18.5	Peak	Vertical
*	9891.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	11038.5	13.0	40.2	53.2	74.0	-20.8	Peak	Vertical
	12398.5	12.5	38.7	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	60
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
*	8811.5	12.0	37.0	49.0	68.2	-19.2	Peak	Horizontal
*	9967.5	12.8	38.6	51.4	68.2	-16.8	Peak	Horizontal
	11106.5	13.0	40.1	53.1	74.0	-20.9	Peak	Horizontal
	12509.0	12.5	38.7	51.2	74.0	-22.8	Peak	Horizontal
*	8718.0	11.6	36.9	48.5	68.2	-19.7	Peak	Vertical
*	9857.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	10775.0	12.9	39.9	52.8	74.0	-21.2	Peak	Vertical
	12517.5	13.2	38.7	51.9	74.0	-22.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	64
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
*	8811.5	9.8	37.0	46.8	68.2	-21.4	Peak	Horizontal
*	9916.5	13.4	38.7	52.1	68.2	-16.1	Peak	Horizontal
	11140.5	11.9	40.0	51.9	74.0	-22.1	Peak	Horizontal
	12517.5	13.3	38.7	52.0	74.0	-22.0	Peak	Horizontal
*	8735.0	10.9	36.9	47.8	68.2	-20.4	Peak	Vertical
*	9976.0	12.4	38.6	51.0	68.2	-17.2	Peak	Vertical
	10936.5	12.0	40.3	52.3	74.0	-21.7	Peak	Vertical
	12500.5	11.2	38.7	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	100
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
*	8794.5	11.1	37.0	48.1	68.2	-20.1	Peak	Horizontal
*	9959.0	13.1	38.6	51.7	68.2	-16.5	Peak	Horizontal
	10928.0	12.0	40.3	52.3	74.0	-21.7	Peak	Horizontal
	12441.0	12.7	38.7	51.4	74.0	-22.6	Peak	Horizontal
*	8701.0	10.2	36.9	47.1	68.2	-21.1	Peak	Vertical
*	9891.0	11.6	38.7	50.3	68.2	-17.9	Peak	Vertical
	10783.5	11.5	39.9	51.4	74.0	-22.6	Peak	Vertical
	12500.5	11.7	38.7	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	116
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
*	7953.0	12.1	37.1	49.2	68.2	-19.0	Peak	Horizontal
*	8896.5	12.0	36.9	48.9	68.2	-19.3	Peak	Horizontal
	10826.0	13.3	40.1	53.4	74.0	-20.6	Peak	Horizontal
	12577.0	10.9	38.8	49.7	74.0	-24.3	Peak	Horizontal
*	8820.0	12.5	37.0	49.5	68.2	-18.7	Peak	Vertical
*	9925.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	11106.5	12.6	40.1	52.7	74.0	-21.3	Peak	Vertical
	12441.0	13.0	38.7	51.7	74.0	-22.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	140
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
*	8641.5	11.1	36.9	48.0	68.2	-20.2	Peak	Horizontal
*	9823.0	12.0	38.7	50.7	68.2	-17.5	Peak	Horizontal
	10783.5	11.6	39.9	51.5	74.0	-22.5	Peak	Horizontal
	12330.5	11.7	38.9	50.6	74.0	-23.4	Peak	Horizontal
*	8794.5	9.0	37.0	46.0	68.2	-22.2	Peak	Vertical
*	10358.5	10.9	39.3	50.2	68.2	-18.0	Peak	Vertical
	11735.5	13.1	39.6	52.7	74.0	-21.3	Peak	Vertical
	15866.5	13.1	37.7	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	149
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
*	8752.0	9.4	37.0	46.4	68.2	-21.8	Peak	Horizontal
*	10307.5	11.1	39.1	50.2	68.2	-18.0	Peak	Horizontal
	12126.5	11.3	39.3	50.6	74.0	-23.4	Peak	Horizontal
	16002.5	13.1	37.7	50.8	74.0	-23.2	Peak	Horizontal
*	8667.0	10.6	36.9	47.5	68.2	-20.7	Peak	Vertical
*	10452.0	12.9	39.1	52.0	68.2	-16.2	Peak	Vertical
	12177.5	11.0	39.3	50.3	74.0	-23.7	Peak	Vertical
	15560.5	13.6	38.3	51.9	74.0	-22.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	157
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
*	8743.5	9.3	37.0	46.3	68.2	-21.9	Peak	Horizontal
*	10027.0	13.0	38.6	51.6	68.2	-16.6	Peak	Horizontal
	11565.5	13.0	40.2	53.2	74.0	-20.8	Peak	Horizontal
	15815.5	13.0	37.7	50.7	74.0	-23.3	Peak	Horizontal
*	8692.5	10.5	36.9	47.4	68.2	-20.8	Peak	Vertical
*	10120.5	11.1	38.7	49.8	68.2	-18.4	Peak	Vertical
	12109.5	11.5	39.3	50.8	74.0	-23.2	Peak	Vertical
	15790.0	12.8	37.7	50.5	74.0	-23.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT20 - Ant A + B	Test Channel:	165
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
*	8735.0	11.4	36.9	48.3	68.2	-19.9	Peak	Horizontal
*	9899.5	11.4	38.7	50.1	68.2	-18.1	Peak	Horizontal
	11914.0	13.0	39.3	52.3	74.0	-21.7	Peak	Horizontal
	15747.5	13.7	37.8	51.5	74.0	-22.5	Peak	Horizontal
*	8760.5	11.4	37.0	48.4	68.2	-19.8	Peak	Vertical
*	9840.0	12.4	38.7	51.1	68.2	-17.1	Peak	Vertical
	11531.5	11.3	40.2	51.5	74.0	-22.5	Peak	Vertical
	15611.5	13.0	38.1	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	38
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
*	8692.5	11.2	36.9	48.1	68.2	-20.1	Peak	Horizontal
*	10197.0	11.0	38.9	49.9	68.2	-18.3	Peak	Horizontal
	11846.0	9.7	39.3	49.0	74.0	-25.0	Peak	Horizontal
	15773.0	13.9	37.8	51.7	74.0	-22.3	Peak	Horizontal
*	8633.0	9.6	36.9	46.5	68.2	-21.7	Peak	Vertical
*	10426.5	10.2	39.2	49.4	68.2	-18.8	Peak	Vertical
	12169.0	11.1	39.3	50.4	74.0	-23.6	Peak	Vertical
	15841.0	13.2	37.7	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	46
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
*	8743.5	10.7	37.0	47.7	68.2	-20.5	Peak	Horizontal
*	9976.0	12.7	38.6	51.3	68.2	-16.9	Peak	Horizontal
	12024.5	13.4	39.3	52.7	74.0	-21.3	Peak	Horizontal
	15773.0	14.2	37.8	52.0	74.0	-22.0	Peak	Horizontal
*	8871.0	11.4	36.9	48.3	68.2	-19.9	Peak	Vertical
*	9942.0	11.9	38.6	50.5	68.2	-17.7	Peak	Vertical
	11378.5	11.4	40.1	51.5	74.0	-22.5	Peak	Vertical
	15849.5	14.5	37.7	52.2	74.0	-21.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	54
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
*	8905.0	12.5	36.9	49.4	68.2	-18.8	Peak	Horizontal
*	10392.5	13.1	39.3	52.4	68.2	-15.8	Peak	Horizontal
	11922.5	10.9	39.3	50.2	74.0	-23.8	Peak	Horizontal
	15917.5	14.6	37.7	52.3	74.0	-21.7	Peak	Horizontal
*	8658.5	10.1	36.9	47.0	68.2	-21.2	Peak	Vertical
*	10163.0	12.5	38.8	51.3	68.2	-16.9	Peak	Vertical
	11591.0	11.9	40.1	52.0	74.0	-22.0	Peak	Vertical
	15790.0	14.1	37.7	51.8	74.0	-22.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	62
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
*	8692.5	11.4	36.9	48.3	68.2	-19.9	Peak	Horizontal
*	10171.5	11.7	38.8	50.5	68.2	-17.7	Peak	Horizontal
	11735.5	11.3	39.6	50.9	74.0	-23.1	Peak	Horizontal
	15849.5	13.9	37.7	51.6	74.0	-22.4	Peak	Horizontal
*	8769.0	11.5	37.0	48.5	68.2	-19.7	Peak	Vertical
*	10129.0	11.5	38.7	50.2	68.2	-18.0	Peak	Vertical
	11633.5	12.1	40.0	52.1	74.0	-21.9	Peak	Vertical
	15577.5	13.6	38.2	51.8	74.0	-22.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	102
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
*	8854.0	12.9	36.9	49.8	68.2	-18.4	Peak	Horizontal
*	10197.0	12.9	38.9	51.8	68.2	-16.4	Peak	Horizontal
	11659.0	13.3	39.9	53.2	74.0	-20.8	Peak	Horizontal
	15637.0	14.4	38.1	52.5	74.0	-21.5	Peak	Horizontal
*	8692.5	11.9	36.9	48.8	68.2	-19.4	Peak	Vertical
*	9984.5	12.2	38.6	50.8	68.2	-17.4	Peak	Vertical
	12109.5	12.3	39.3	51.6	74.0	-22.4	Peak	Vertical
	15960.0	14.2	37.6	51.8	74.0	-22.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	110
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
*	8777.5	12.0	37.0	49.0	68.2	-19.2	Peak	Horizontal
*	9984.5	13.8	38.6	52.4	68.2	-15.8	Peak	Horizontal
	12160.5	14.0	39.3	53.3	74.0	-20.7	Peak	Horizontal
	15951.5	13.5	37.6	51.1	74.0	-22.9	Peak	Horizontal
*	8803.0	12.5	37.0	49.5	68.2	-18.7	Peak	Vertical
*	10188.5	13.1	38.9	52.0	68.2	-16.2	Peak	Vertical
	12211.5	10.7	39.3	50.0	74.0	-24.0	Peak	Vertical
	15713.5	13.7	37.9	51.6	74.0	-22.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	134
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
*	8735.0	9.6	36.9	46.5	68.2	-21.7	Peak	Horizontal
*	9755.0	12.6	38.5	51.1	68.2	-17.1	Peak	Horizontal
	11429.5	12.9	40.2	53.1	74.0	-20.9	Peak	Horizontal
	15722.0	14.1	37.9	52.0	74.0	-22.0	Peak	Horizontal
*	8854.0	12.1	36.9	49.0	68.2	-19.2	Peak	Vertical
*	10350.0	12.1	39.2	51.3	68.2	-16.9	Peak	Vertical
	12033.0	12.4	39.3	51.7	74.0	-22.3	Peak	Vertical
	15866.5	13.3	37.7	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	151
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
*	8769.0	11.8	37.0	48.8	68.2	-19.4	Peak	Horizontal
*	10129.0	13.9	38.7	52.6	68.2	-15.6	Peak	Horizontal
	12050.0	13.0	39.3	52.3	74.0	-21.7	Peak	Horizontal
	15960.0	13.6	37.6	51.2	74.0	-22.8	Peak	Horizontal
*	8667.0	10.9	36.9	47.8	68.2	-20.4	Peak	Vertical
*	9950.5	12.8	38.6	51.4	68.2	-16.8	Peak	Vertical
	11633.5	12.2	40.0	52.2	74.0	-21.8	Peak	Vertical
	15875.0	13.7	37.7	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT40 - Ant A + B	Test Channel:	159
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
*	8879.5	11.7	36.9	48.6	68.2	-19.6	Peak	Horizontal
*	10035.5	12.1	38.6	50.7	68.2	-17.5	Peak	Horizontal
	11846.0	12.3	39.3	51.6	74.0	-22.4	Peak	Horizontal
	15764.5	13.7	37.8	51.5	74.0	-22.5	Peak	Horizontal
*	8837.0	12.2	36.9	49.1	68.2	-19.1	Peak	Vertical
*	10137.5	12.7	38.7	51.4	68.2	-16.8	Peak	Vertical
	11548.5	13.4	40.2	53.6	74.0	-20.4	Peak	Vertical
	15560.5	13.0	38.3	51.3	74.0	-22.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT80 - Ant A + B	Test Channel:	42
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
*	8658.5	9.7	36.9	46.6	68.2	-21.6	Peak	Horizontal
*	10171.5	10.7	38.8	49.5	68.2	-18.7	Peak	Horizontal
	11931.0	12.1	39.3	51.4	74.0	-22.6	Peak	Horizontal
	15934.5	13.3	37.6	50.9	74.0	-23.1	Peak	Horizontal
*	8837.0	11.4	36.9	48.3	68.2	-19.9	Peak	Vertical
*	10282.0	10.4	39.1	49.5	68.2	-18.7	Peak	Vertical
	11973.5	10.9	39.3	50.2	74.0	-23.8	Peak	Vertical
	16019.5	13.5	37.7	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT80 - Ant A + B	Test Channel:	58
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
*	8862.5	11.4	36.9	48.3	68.2	-19.9	Peak	Horizontal
*	9959.0	11.6	38.6	50.2	68.2	-18.0	Peak	Horizontal
	11565.5	12.9	40.2	53.1	74.0	-20.9	Peak	Horizontal
	15858.0	13.2	37.7	50.9	74.0	-23.1	Peak	Horizontal
*	8684.0	11.7	36.9	48.6	68.2	-19.6	Peak	Vertical
*	9993.0	11.2	38.6	49.8	68.2	-18.4	Peak	Vertical
	11897.0	12.0	39.3	51.3	74.0	-22.7	Peak	Vertical
	15824.0	13.3	37.7	51.0	74.0	-23.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT80 - Ant A + B	Test Channel:	106
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
*	8616.0	11.2	36.9	48.1	68.2	-20.1	Peak	Horizontal
*	9857.0	11.3	38.7	50.0	68.2	-18.2	Peak	Horizontal
	11633.5	12.3	40.0	52.3	74.0	-21.7	Peak	Horizontal
	16053.5	12.9	37.7	50.6	74.0	-23.4	Peak	Horizontal
*	8769.0	11.0	37.0	48.0	68.2	-20.2	Peak	Vertical
*	9993.0	10.6	38.6	49.2	68.2	-19.0	Peak	Vertical
	11990.5	11.1	39.3	50.4	74.0	-23.6	Peak	Vertical
	15492.5	12.7	38.5	51.2	74.0	-22.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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	57 %
Test Site	AC1	Test Date	2018/11/19
Test Mode:	802.11ac-VHT80 - Ant A + B	Test Channel:	155
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
*	8769.0	9.8	37.0	46.8	68.2	-21.4	Peak	Horizontal
*	10001.5	11.4	38.5	49.9	68.2	-18.3	Peak	Horizontal
	11897.0	12.1	39.3	51.4	74.0	-22.6	Peak	Horizontal
	16045.0	13.5	37.7	51.2	74.0	-22.8	Peak	Horizontal
*	8854.0	11.9	36.9	48.8	68.2	-19.4	Peak	Vertical
*	10265.0	11.0	39.0	50.0	68.2	-18.2	Peak	Vertical
	11820.5	10.5	39.4	49.9	74.0	-24.1	Peak	Vertical
	15773.0	13.9	37.8	51.7	74.0	-22.3	Peak	Vertical

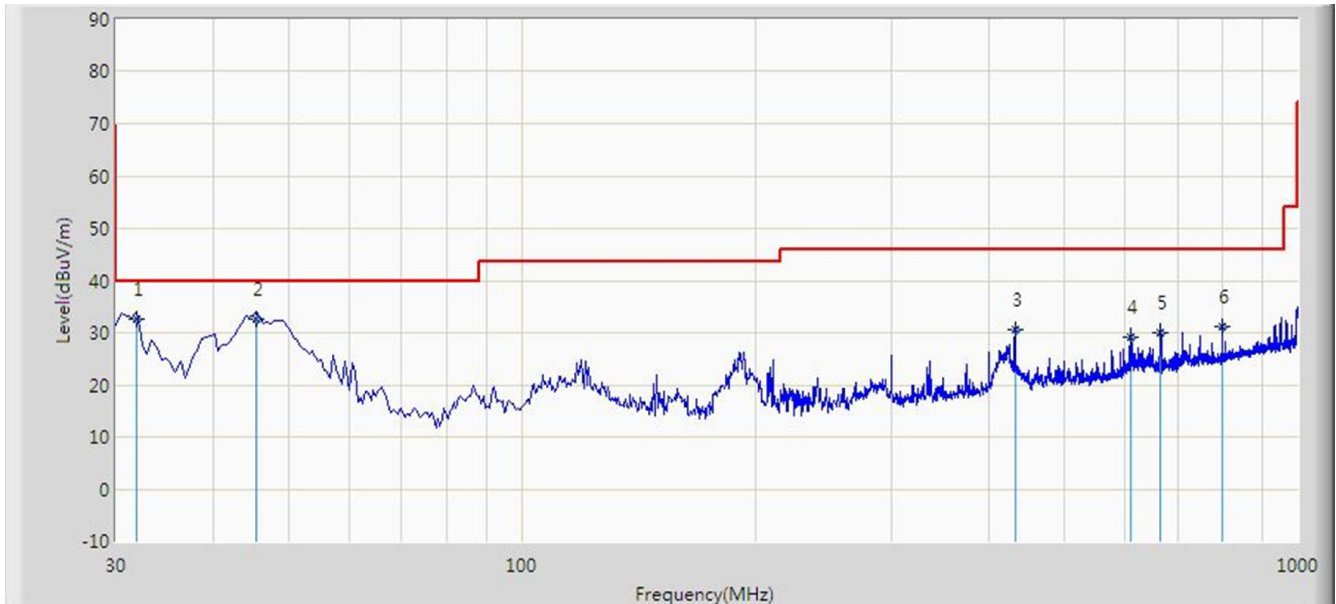
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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 - 07:33
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	



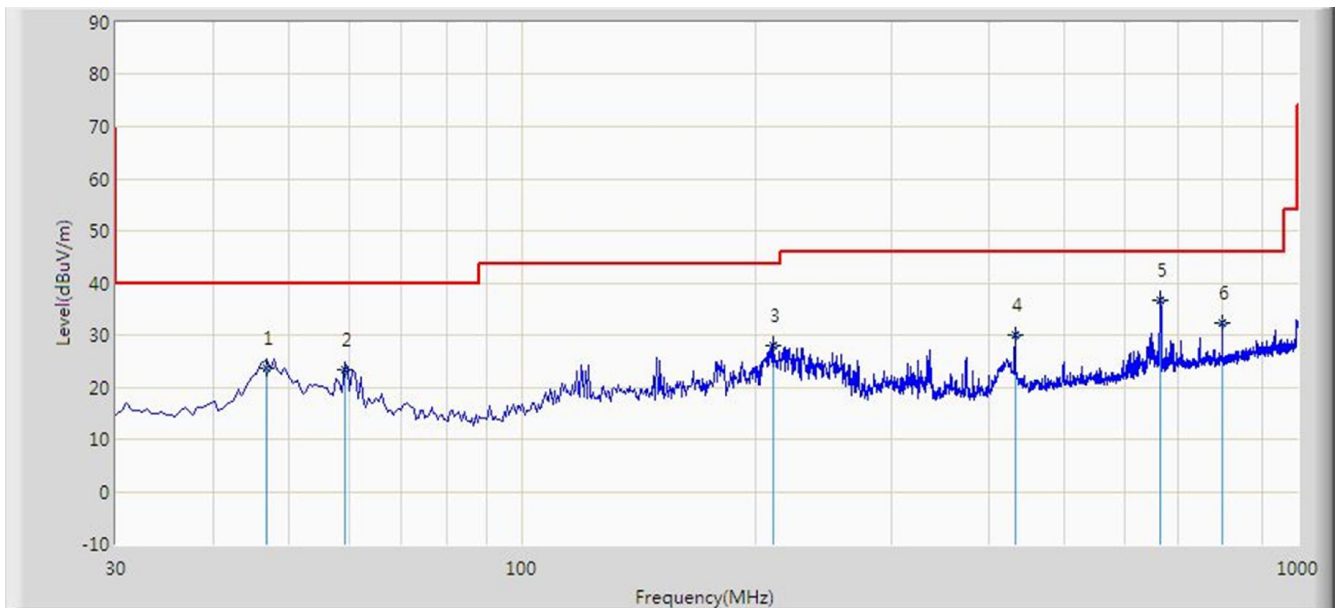
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	31.940	32.621	20.140	-7.379	40.000	12.481	QP
2			45.520	32.529	17.500	-7.471	40.000	15.029	QP
3			432.065	30.520	13.030	-15.480	46.000	17.491	QP
4			610.545	29.257	8.670	-16.743	46.000	20.586	QP
5			664.380	30.036	8.700	-15.964	46.000	21.336	QP
6			800.180	31.106	7.840	-14.894	46.000	23.266	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2018/12/08 - 07:42
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			46.975	23.693	8.600	-16.307	40.000	15.093	QP
2			59.100	23.357	9.200	-16.643	40.000	14.158	QP
3			210.905	28.028	15.330	-15.472	43.500	12.698	QP
4			432.065	30.000	12.510	-16.000	46.000	17.491	QP
5		*	664.380	36.736	15.400	-9.264	46.000	21.336	QP
6			800.180	32.286	9.020	-13.714	46.000	23.266	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1. 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	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing

linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.9.3. Test Setting

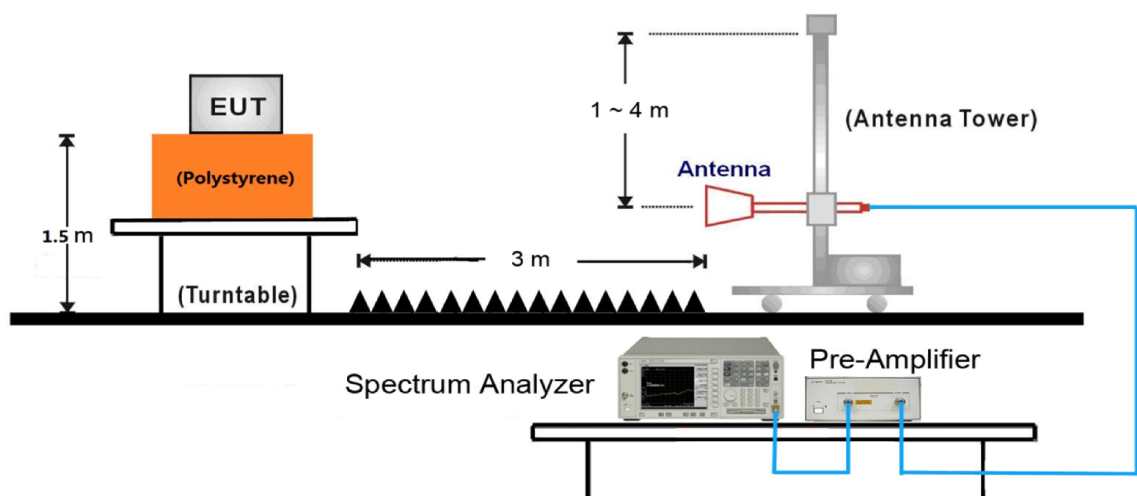
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

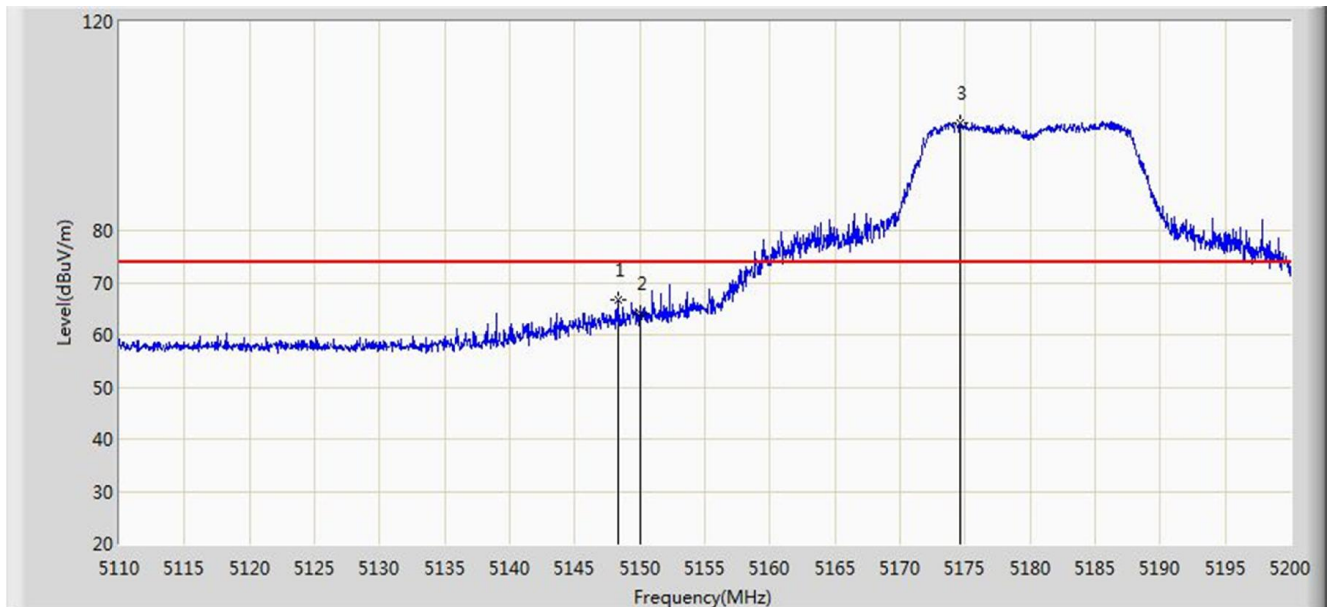
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$.
4. Detector = Peak
5. Sweep time = auto
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle.

7.9.4. Test Setup



7.9.5.Test Result

Site: AC1	Time: 2018/11/17 - 10:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

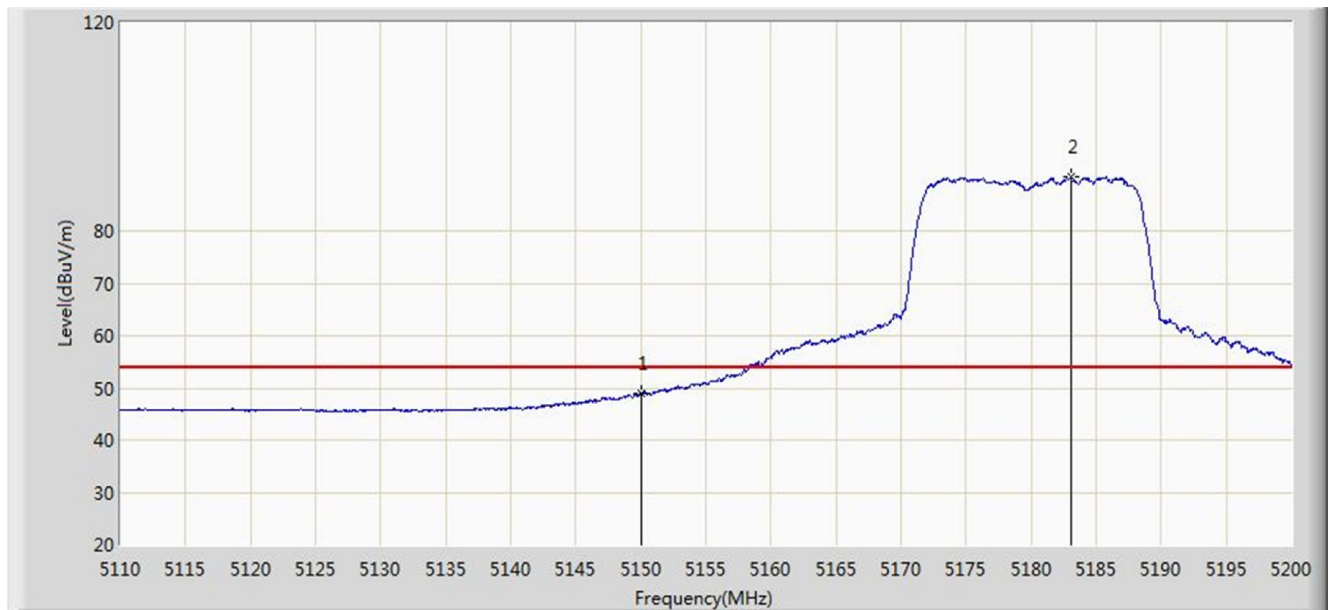


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.295	66.634	60.075	-7.366	74.000	6.559	PK
2			5150.000	64.162	57.600	-9.838	74.000	6.562	PK
3		*	5174.620	100.691	94.204	N/A	N/A	6.487	PK

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

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

Site: AC1	Time: 2018/11/17 - 10:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 80211a at channel 5180MHz	

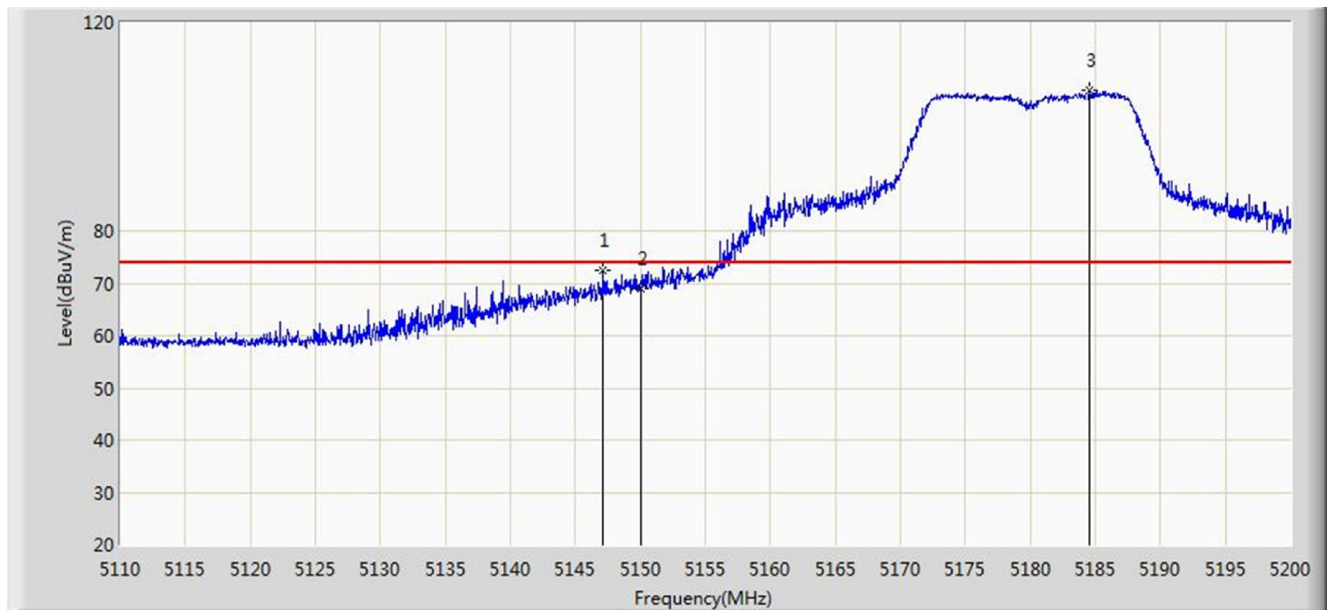


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.920	42.358	-5.080	54.000	6.562	AV
2		*	5183.035	90.358	83.936	N/A	N/A	6.422	AV

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

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

Site: AC1	Time: 2018/11/17 - 10:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

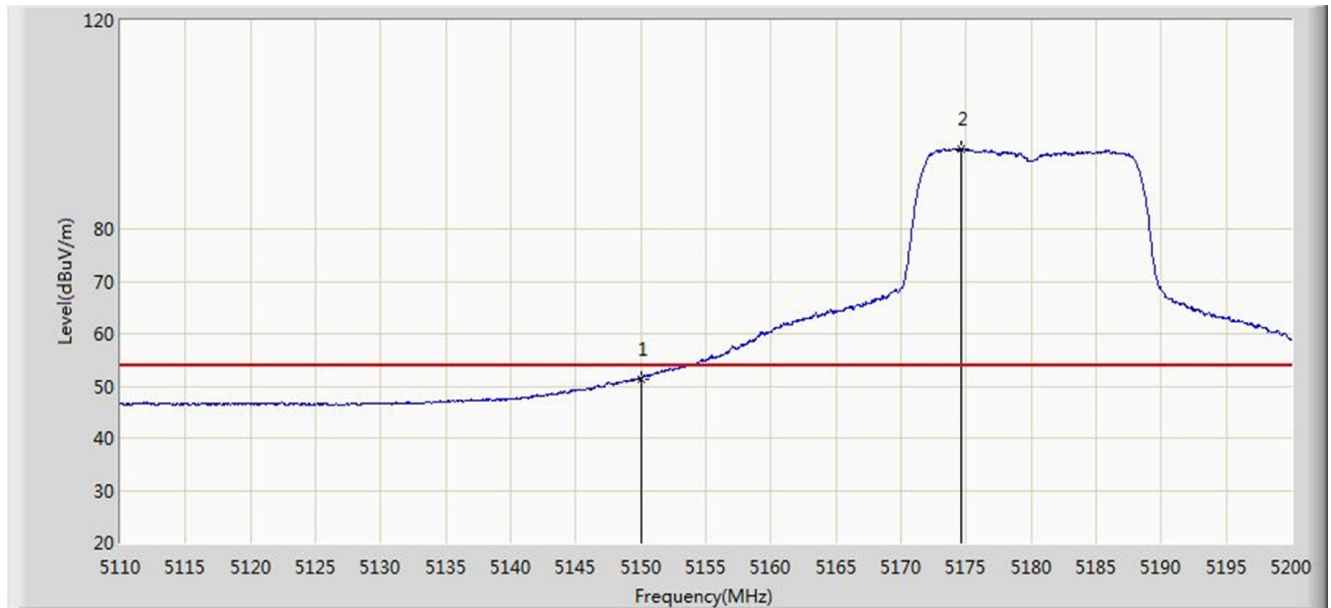


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.125	72.352	65.788	-1.648	74.000	6.564	PK
2			5150.000	68.900	62.338	-5.100	74.000	6.562	PK
3		*	5184.565	106.888	100.475	N/A	N/A	6.413	PK

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

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

Site: AC1	Time: 2018/11/17 - 10:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

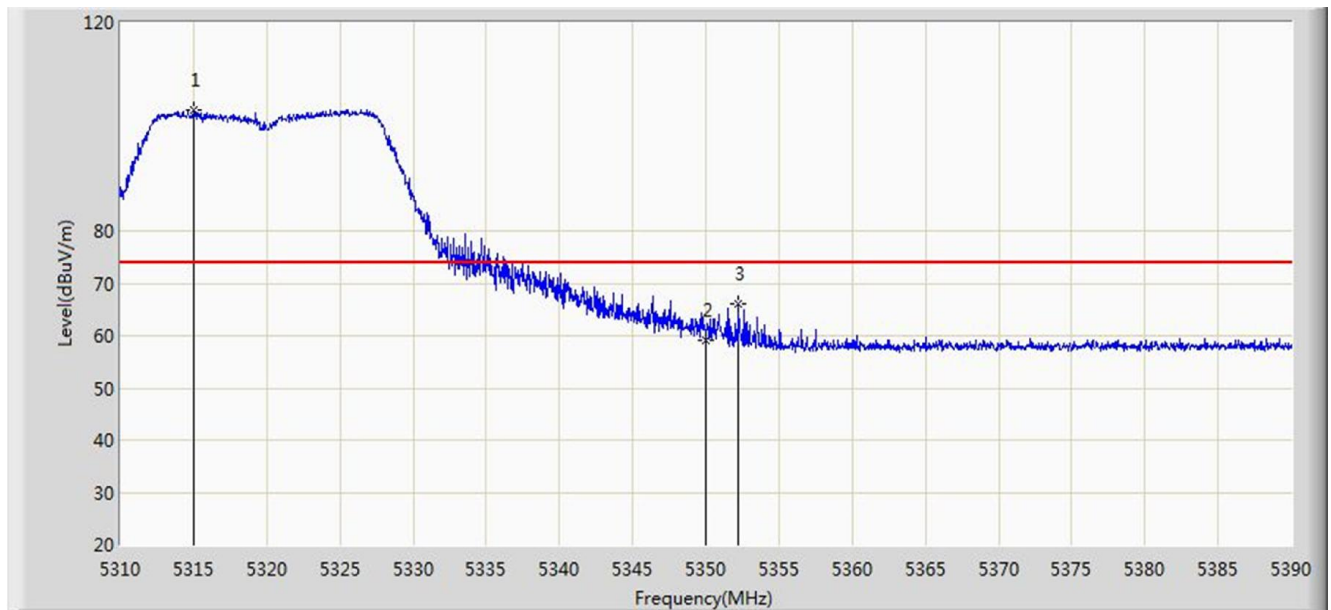


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.433	44.871	-2.567	54.000	6.562	AV
2		*	5174.620	95.318	88.831	N/A	N/A	6.487	AV

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

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

Site: AC1	Time: 2018/11/17 - 10:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

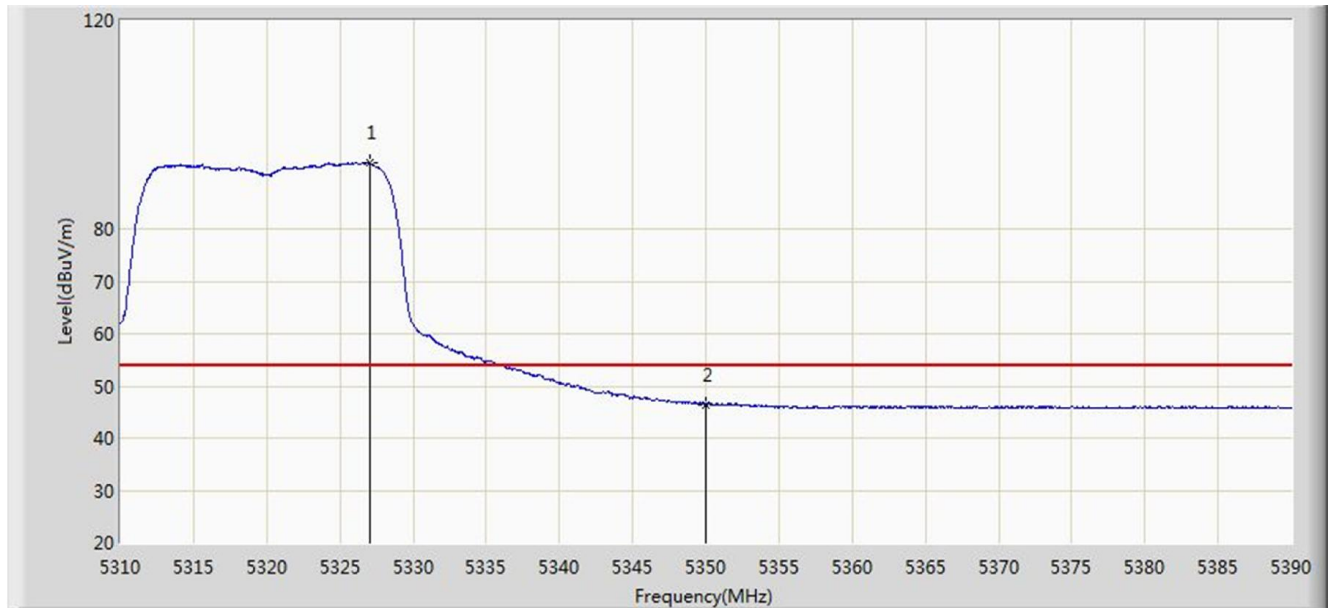


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.040	103.158	96.882	N/A	N/A	6.276	PK
2			5350.000	59.072	52.612	-14.928	74.000	6.460	PK
3			5352.240	66.108	59.637	-7.892	74.000	6.471	PK

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

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

Site: AC1	Time: 2018/11/17 - 10:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

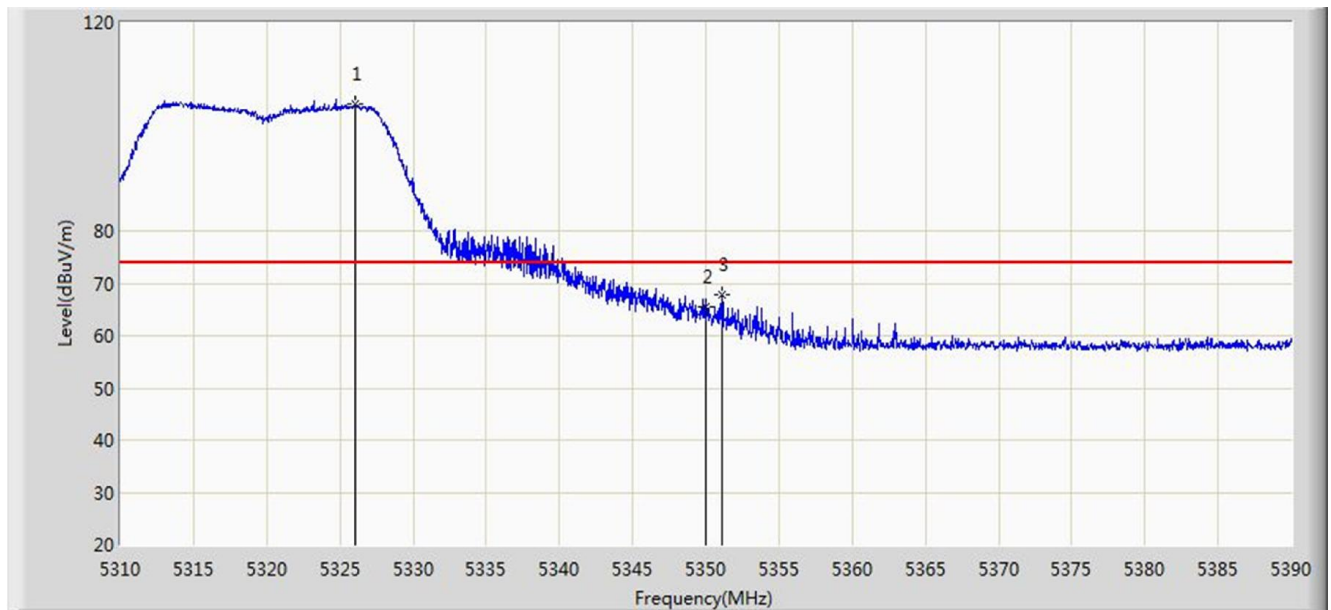


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.000	92.838	86.505	N/A	N/A	6.333	AV
2			5350.000	46.438	39.978	-7.562	54.000	6.460	AV

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

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

Site: AC1	Time: 2018/11/17 - 10:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

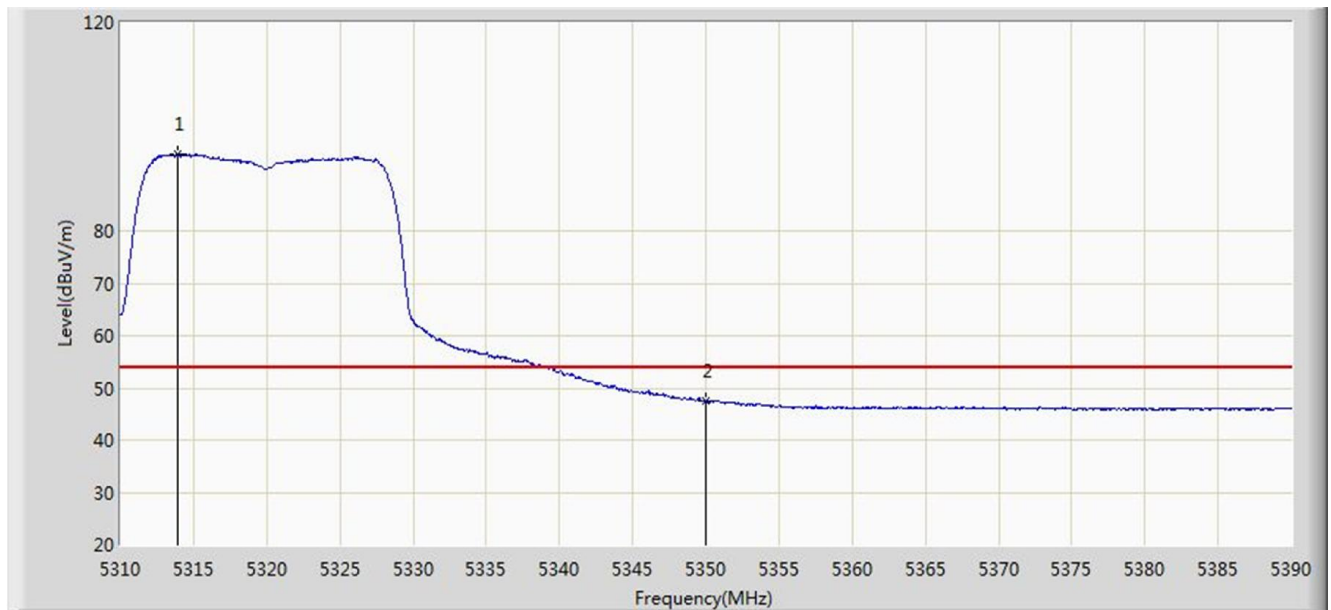


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.040	104.392	98.064	N/A	N/A	6.328	PK
2			5350.000	65.472	59.012	-8.528	74.000	6.460	PK
3			5351.080	67.898	61.432	-6.102	74.000	6.465	PK

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

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

Site: AC1	Time: 2018/11/17 - 10:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

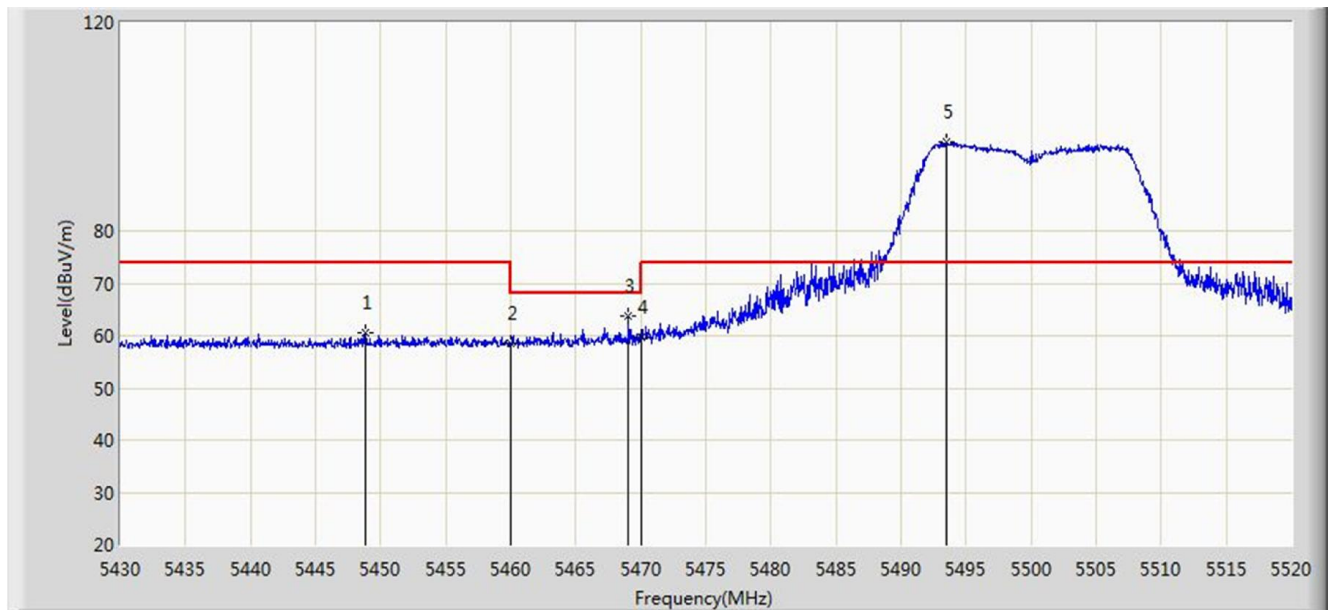


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.880	94.722	88.448	N/A	N/A	6.274	AV
2			5350.000	47.589	41.129	-6.411	54.000	6.460	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

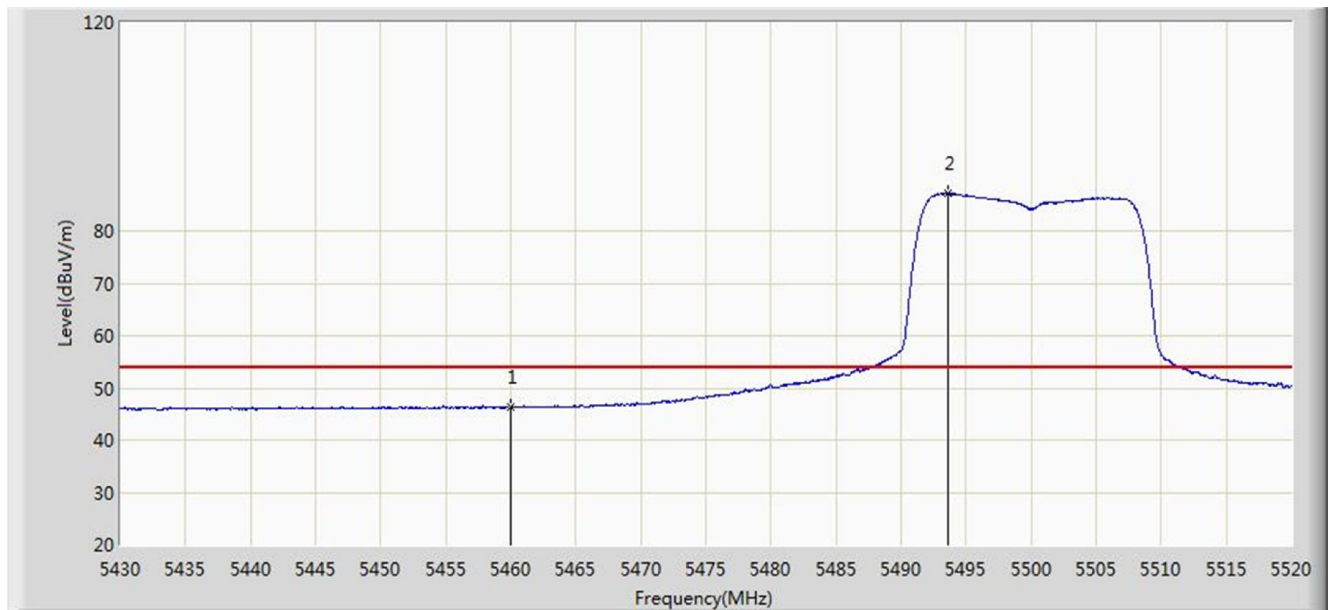


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5448.810	60.441	53.706	-13.559	74.000	6.736	PK
2			5460.000	58.420	51.618	-15.580	74.000	6.802	PK
3			5469.060	63.739	56.898	-4.461	68.200	6.840	PK
4			5470.000	59.768	52.923	-8.432	68.200	6.845	PK
5		*	5493.450	97.086	90.256	N/A	N/A	6.830	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

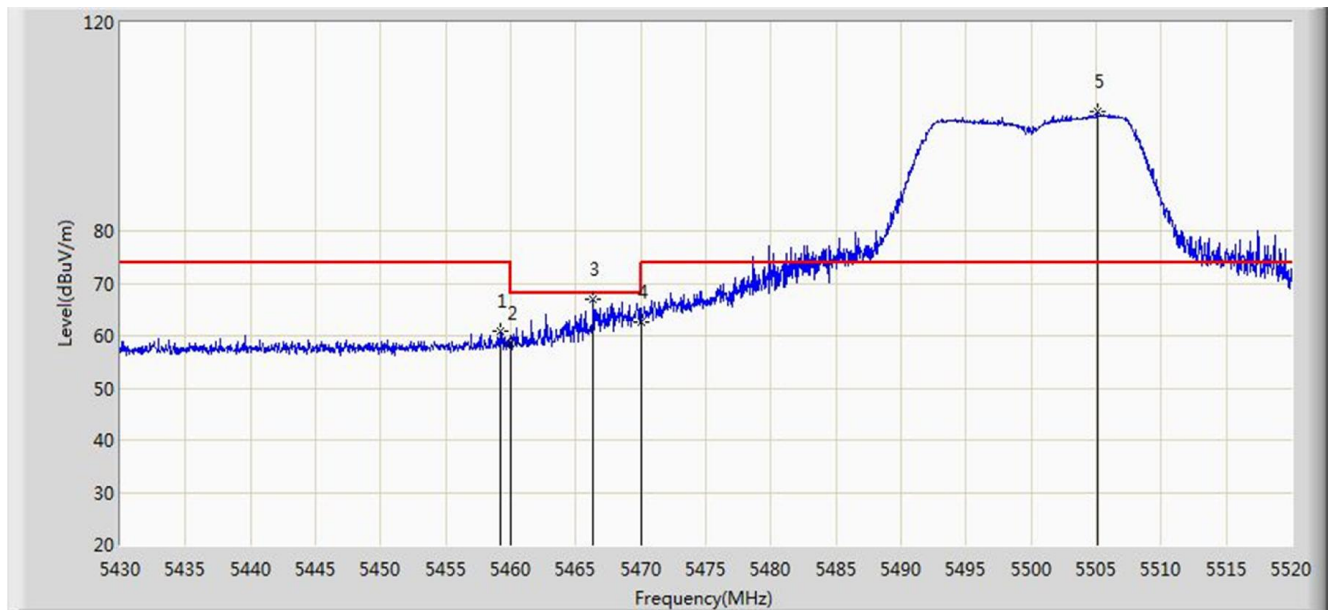


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.434	39.632	-7.566	54.000	6.802	AV
2		*	5493.630	87.238	80.408	N/A	N/A	6.830	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

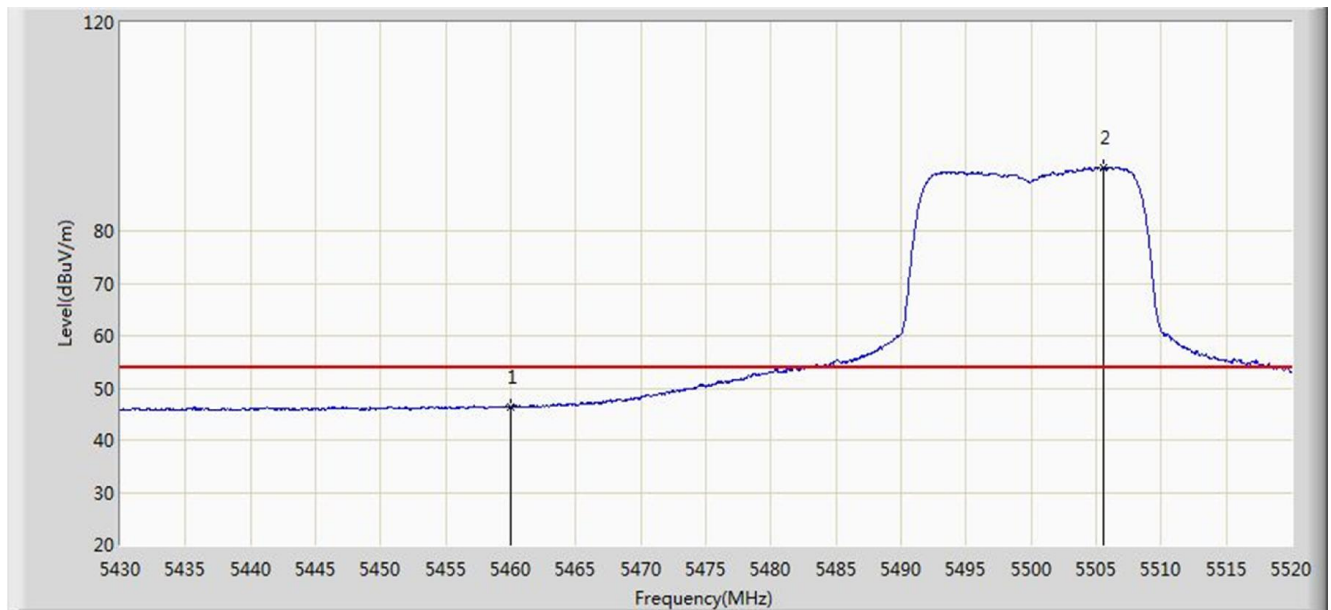


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.160	60.984	54.186	-13.016	74.000	6.798	PK
2			5460.000	58.692	51.890	-15.308	74.000	6.802	PK
3			5466.315	66.973	60.144	-1.227	68.200	6.829	PK
4			5470.000	62.658	55.813	-5.542	68.200	6.845	PK
5		*	5505.060	102.907	96.096	N/A	N/A	6.811	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

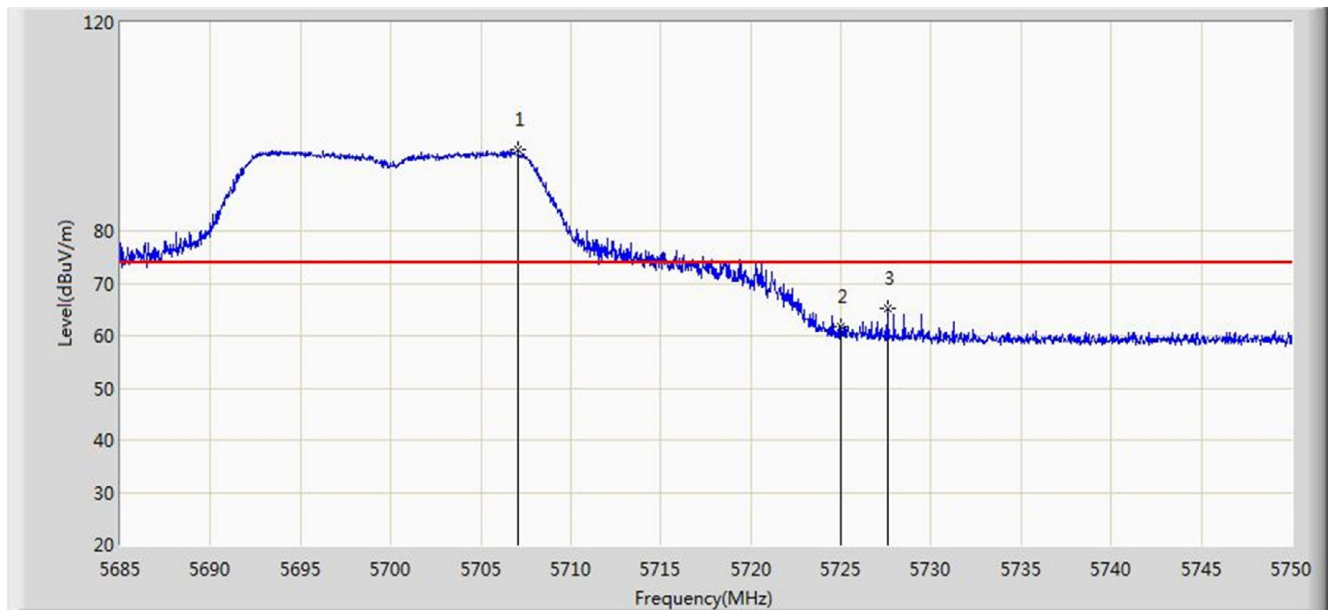


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.294	39.492	-7.706	54.000	6.802	AV
2		*	5505.555	92.307	85.496	N/A	N/A	6.810	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

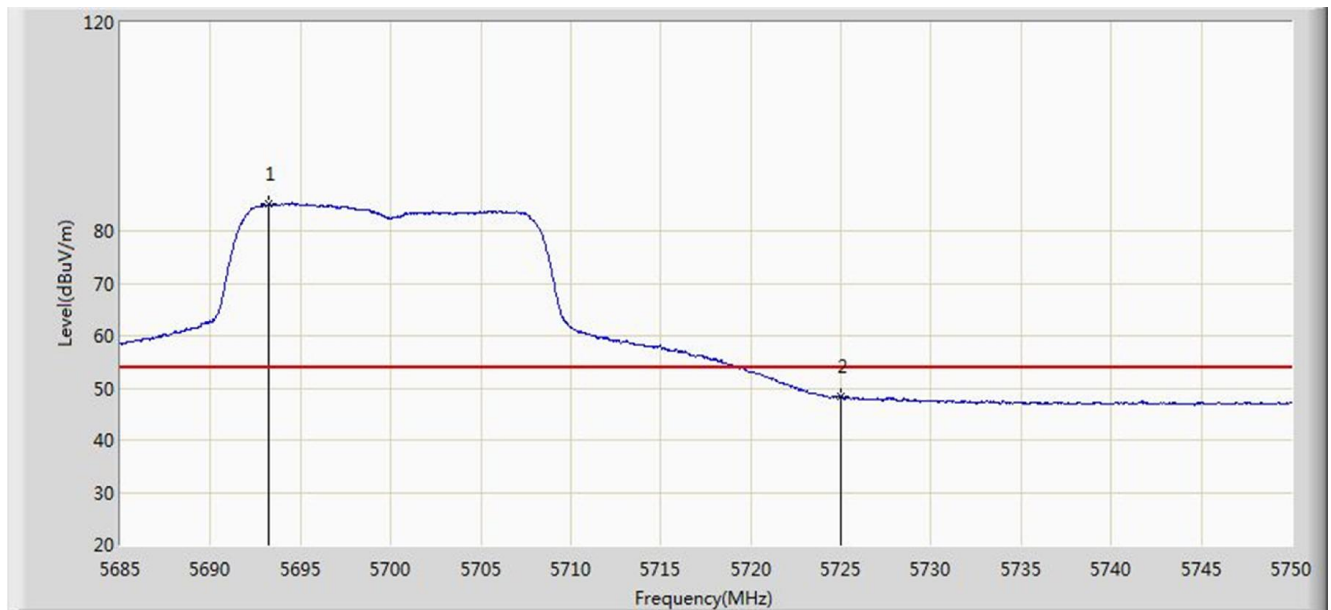


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5707.067	95.706	88.485	N/A	N/A	7.221	PK
2			5725.000	61.778	54.450	-12.222	74.000	7.328	PK
3			5727.575	65.117	57.777	-8.883	74.000	7.340	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

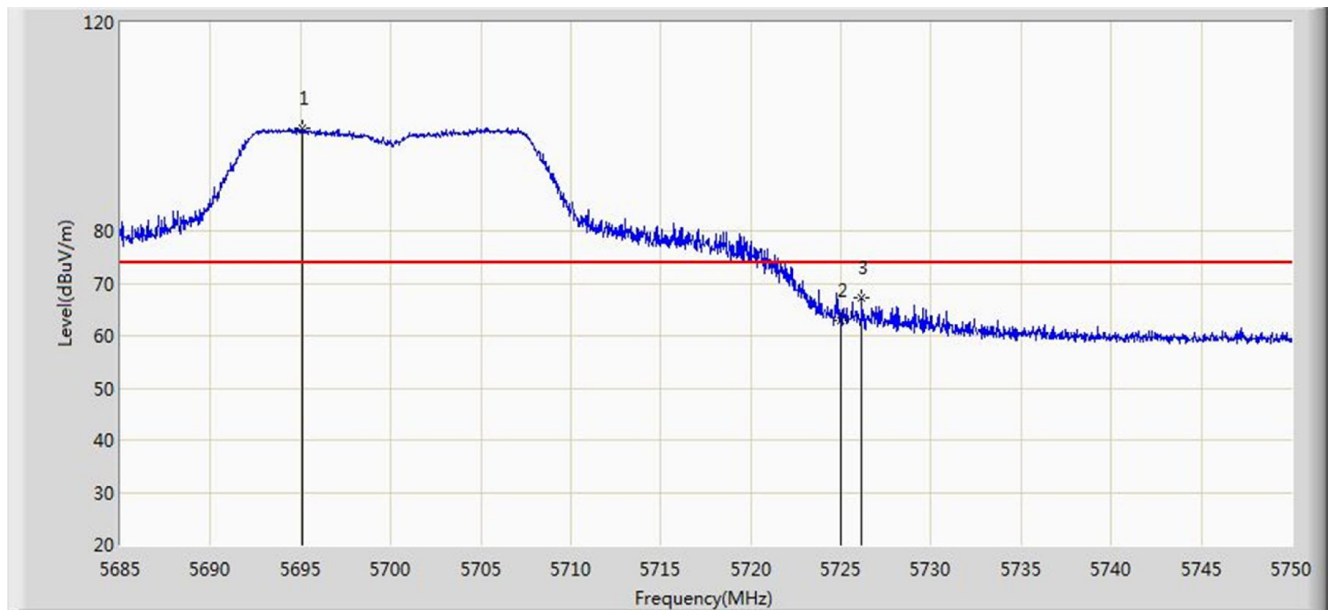


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.190	85.122	78.003	N/A	N/A	7.120	AV
2			5725.000	48.306	40.978	-5.694	54.000	7.328	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

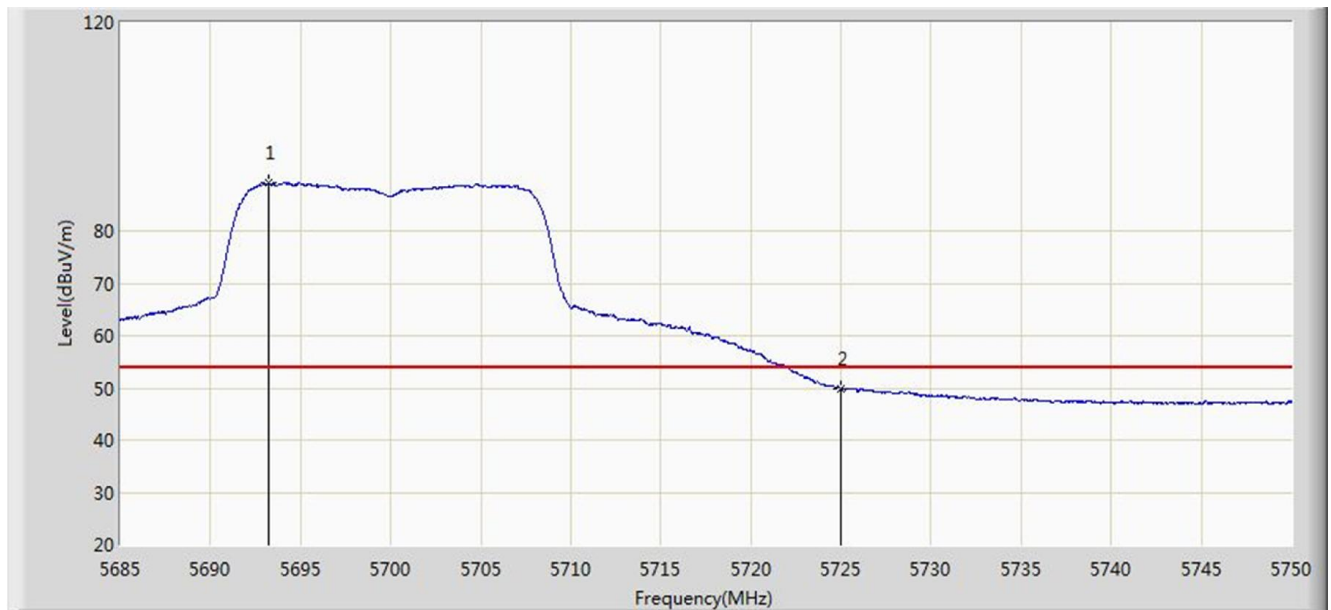


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.140	99.741	92.608	N/A	N/A	7.133	PK
2			5725.000	62.791	55.463	-11.209	74.000	7.328	PK
3			5726.145	67.211	59.877	-6.789	74.000	7.334	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

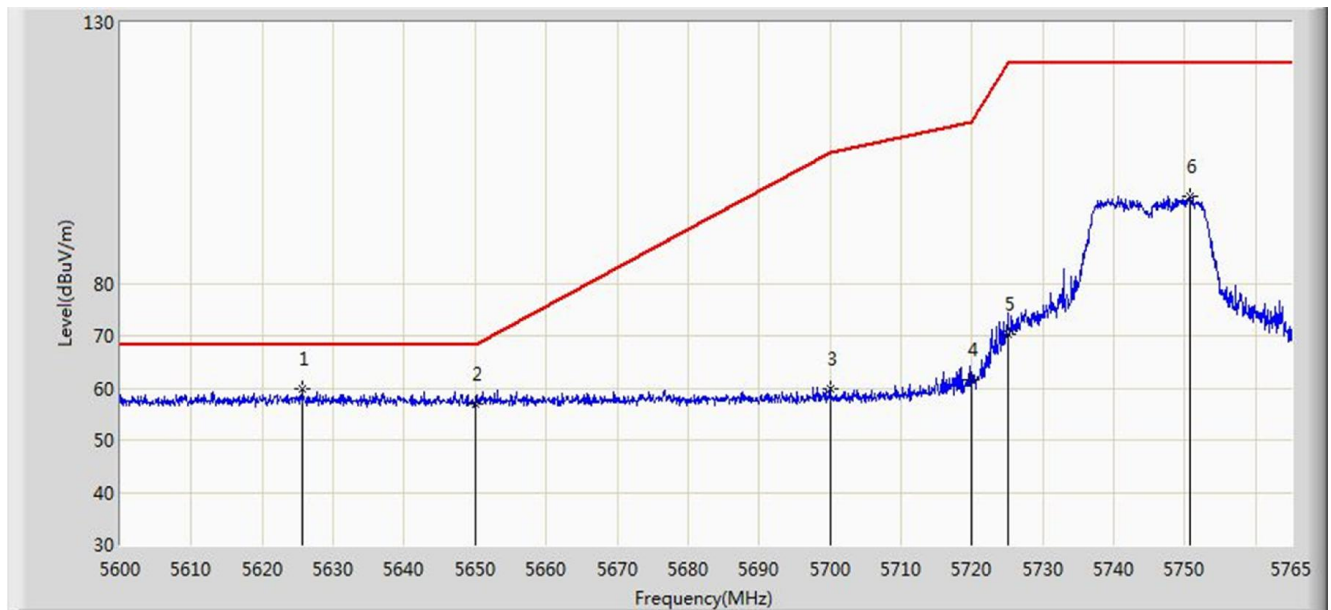


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.190	89.160	82.041	N/A	N/A	7.120	AV
2			5725.000	49.919	42.591	-4.081	54.000	7.328	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:24
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

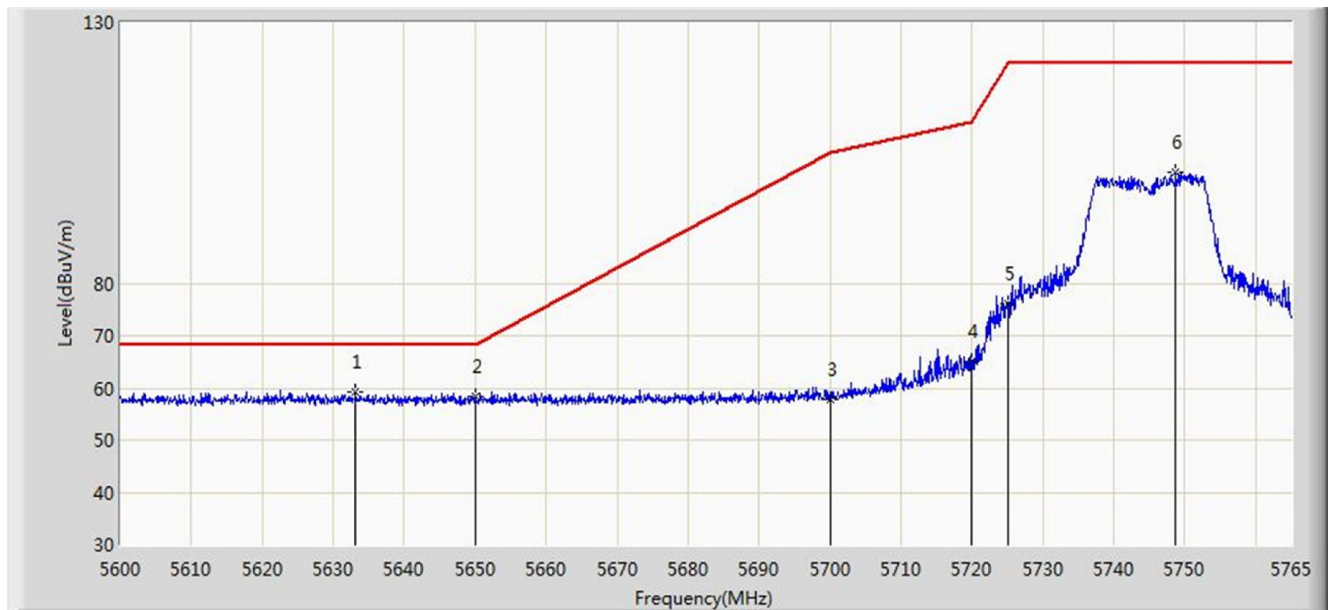


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5625.575	59.832	52.820	-8.368	68.200	7.012	PK
2			5650.000	56.850	49.845	-11.350	68.200	7.005	PK
3			5700.000	59.867	52.702	-45.333	105.200	7.165	PK
4			5720.000	61.587	54.288	-49.213	110.800	7.299	PK
5			5725.000	70.383	63.055	-51.817	122.200	7.328	PK
6			5750.810	96.723	89.314	N/A	N/A	7.409	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:26
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

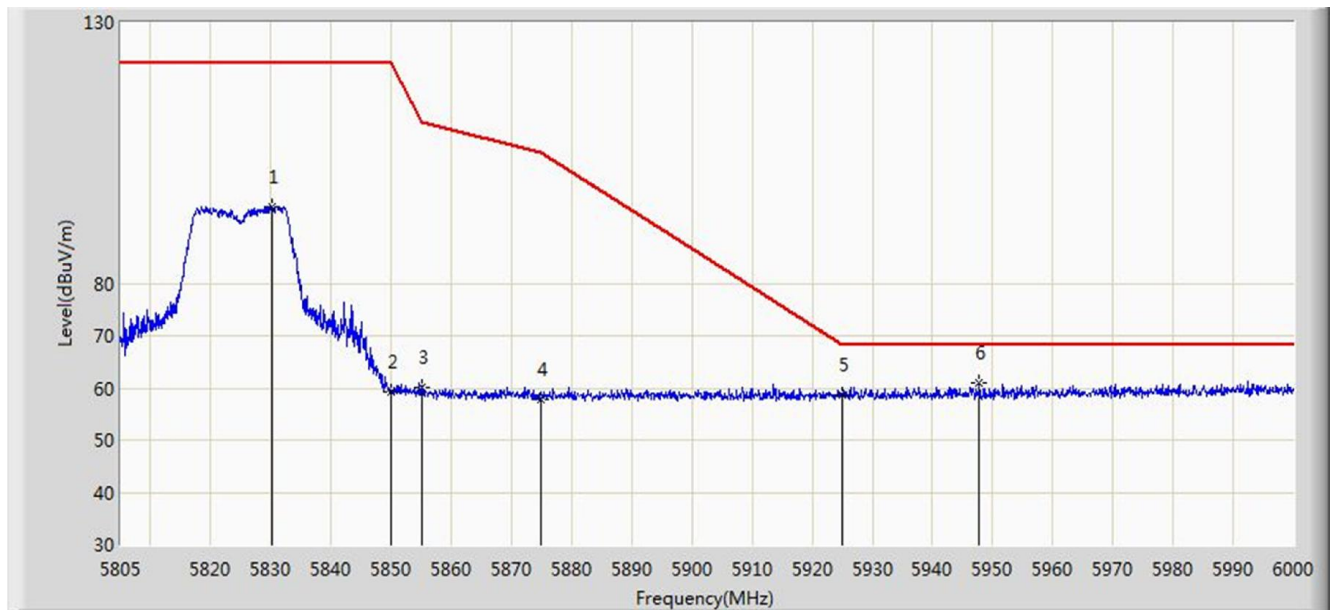


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5633.165	59.351	52.352	-8.849	68.200	6.999	PK
2			5650.000	58.296	51.291	-9.904	68.200	7.005	PK
3			5700.000	57.881	50.716	-47.319	105.200	7.165	PK
4			5720.000	65.116	57.817	-45.684	110.800	7.299	PK
5			5725.000	76.154	68.826	-46.046	122.200	7.328	PK
6			5748.665	101.316	93.909	N/A	N/A	7.407	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:32
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

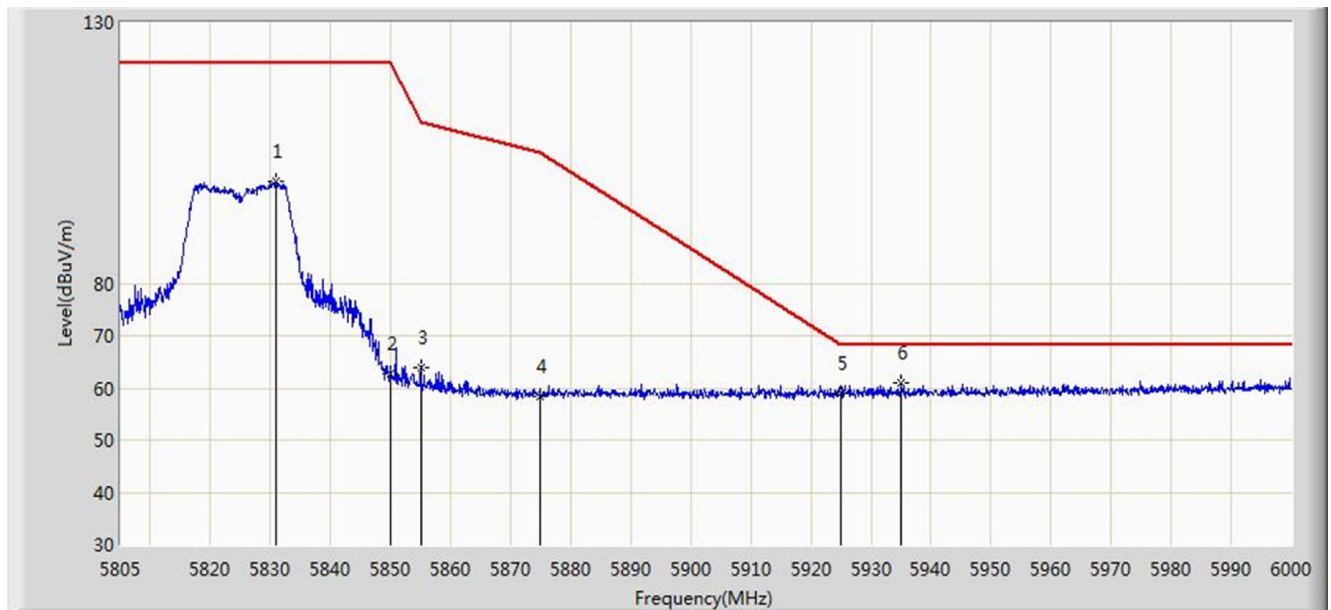


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.155	94.755	87.070	N/A	N/A	7.684	PK
2			5850.000	59.323	51.550	-62.877	122.200	7.774	PK
3			5855.000	60.085	52.309	-50.715	110.800	7.775	PK
4			5875.000	57.962	50.144	-47.238	105.200	7.818	PK
5			5925.000	58.753	50.934	-9.447	68.200	7.819	PK
6		*	5947.740	60.950	53.105	-7.250	68.200	7.844	PK

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

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

Site: AC1	Time: 2018/11/17 - 11:28
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC1200 Wireless Dual Band PCI Express Adapter	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

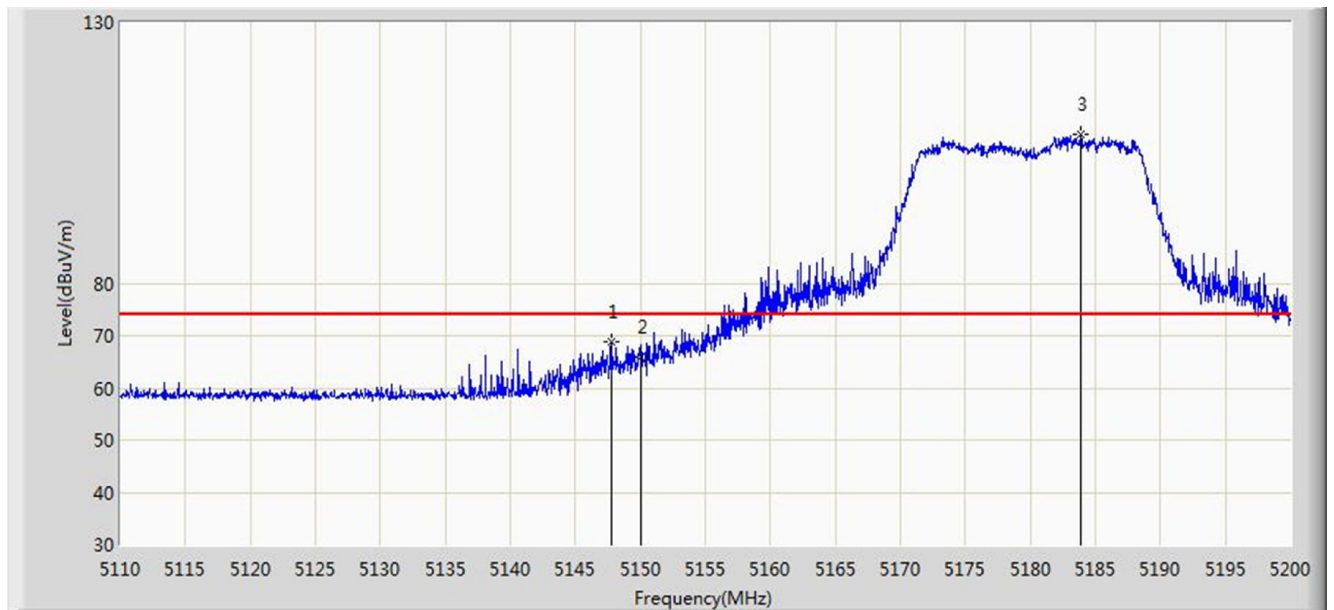


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.837	99.700	92.011	N/A	N/A	7.689	PK
2			5850.000	62.866	55.093	-59.334	122.200	7.774	PK
3			5855.000	63.792	56.016	-47.008	110.800	7.775	PK
4			5875.000	58.304	50.486	-46.896	105.200	7.818	PK
5			5925.000	58.962	51.143	-9.238	68.200	7.819	PK
6		*	5935.065	61.144	53.315	-7.056	68.200	7.830	PK

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

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

Site: AC1	Time: 2018/11/17 - 12:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5180MHz	

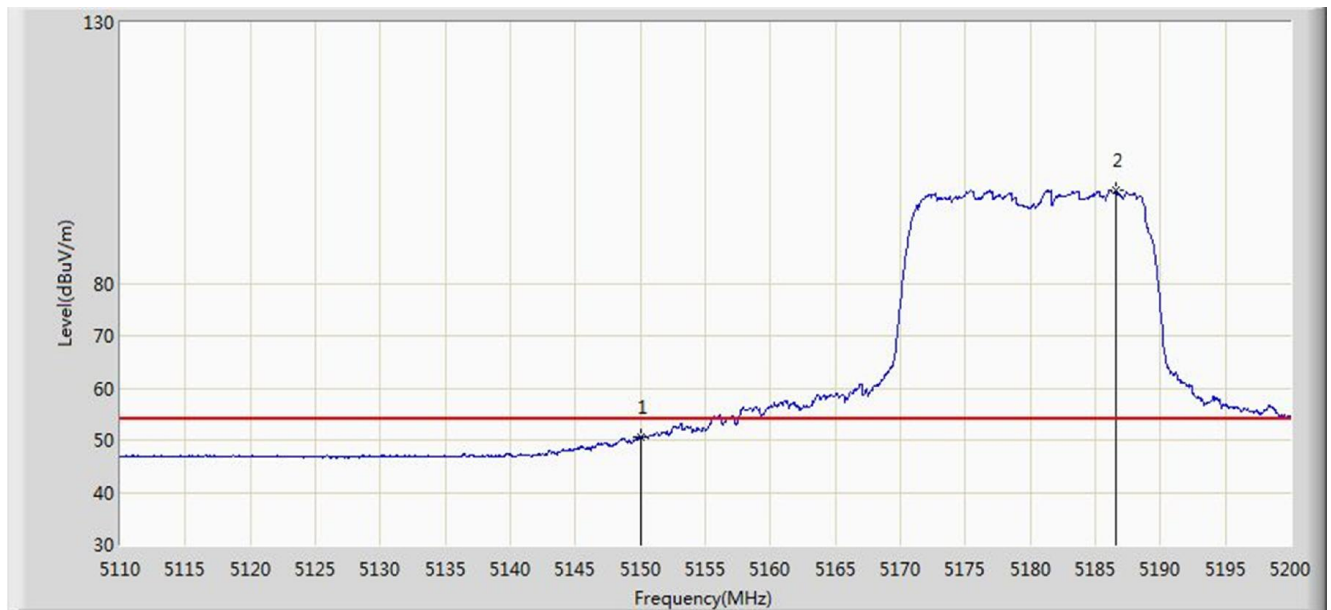


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	68.766	62.206	-5.234	74.000	6.560	PK
2			5150.000	65.913	59.351	-8.087	74.000	6.562	PK
3		*	5183.890	108.518	102.101	N/A	N/A	6.417	PK

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

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

Site: AC1	Time: 2018/11/17 - 12:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5180MHz	

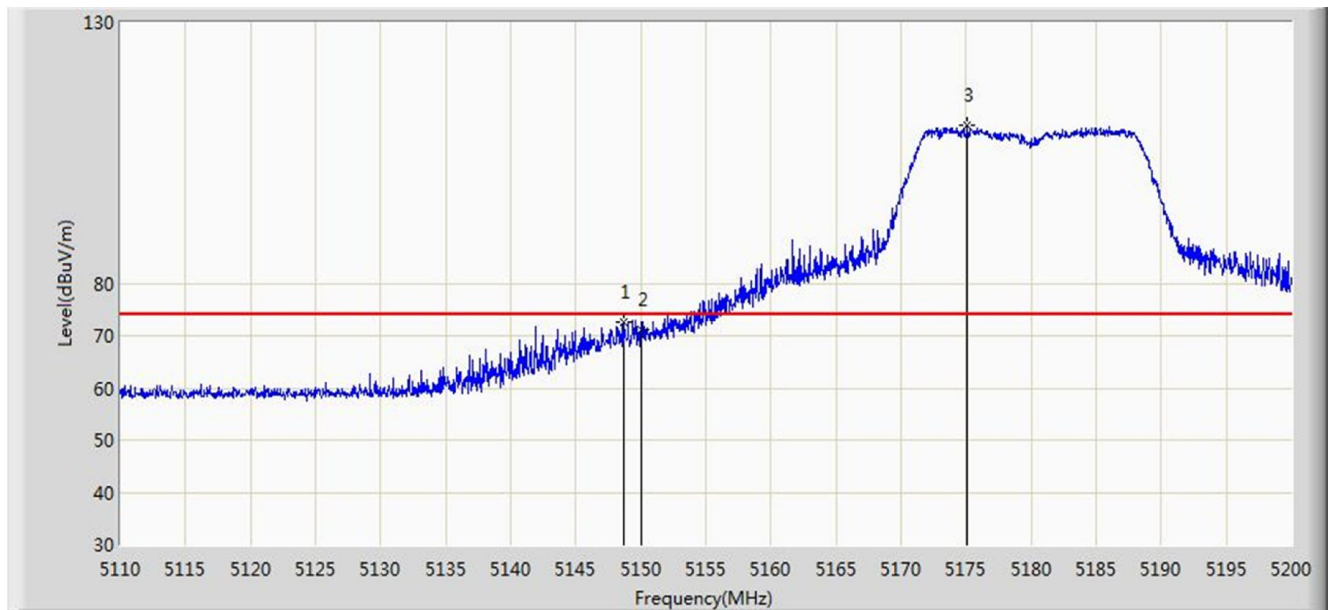


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.448	43.886	-3.552	54.000	6.562	AV
2		*	5186.635	97.936	91.535	N/A	N/A	6.401	AV

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

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

Site: AC1	Time: 2018/11/17 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5180MHz	

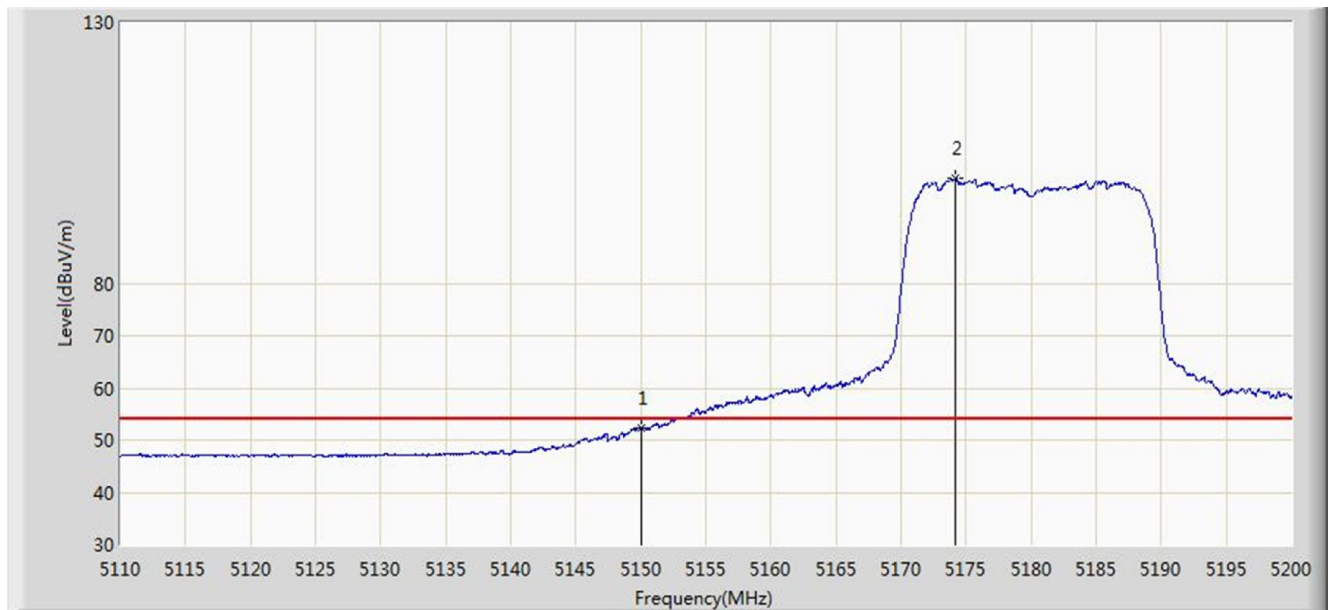


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	72.683	66.123	-1.317	74.000	6.560	PK
2			5150.000	71.119	64.557	-2.881	74.000	6.562	PK
3		*	5175.115	110.381	103.898	N/A	N/A	6.483	PK

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

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

Site: AC1	Time: 2018/11/17 - 12:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5180MHz	

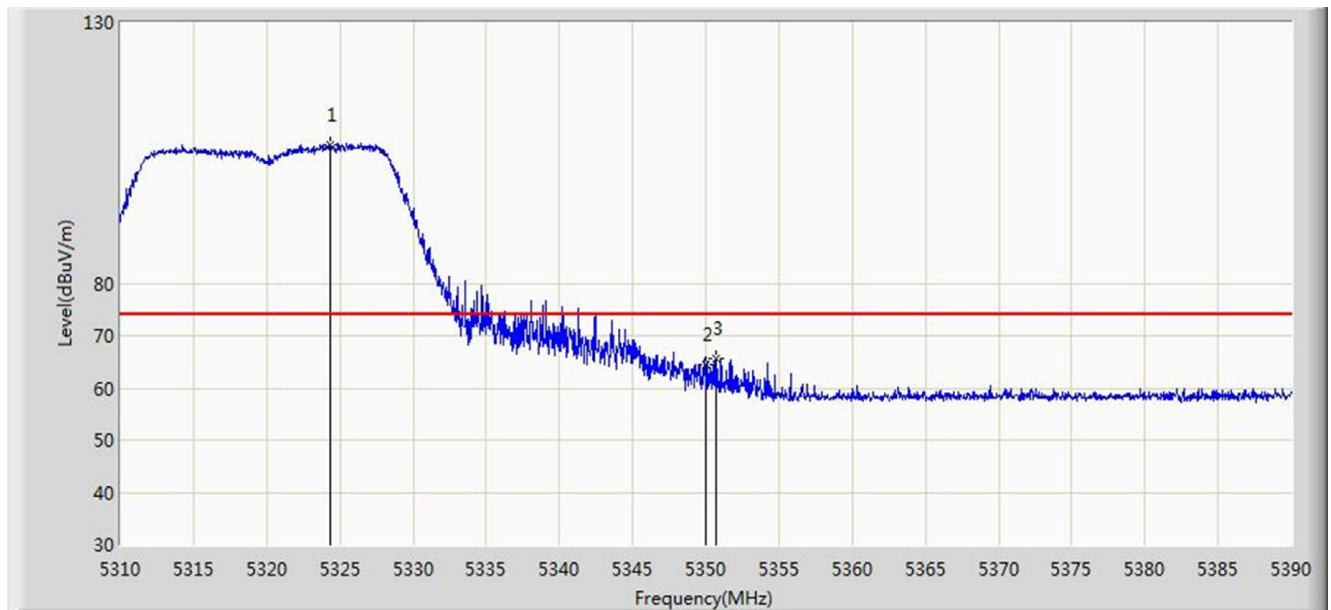


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.397	45.835	-1.603	54.000	6.562	AV
2		*	5174.215	100.169	93.679	N/A	N/A	6.490	AV

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

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

Site: AC1	Time: 2018/11/17 - 13:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5320MHz	

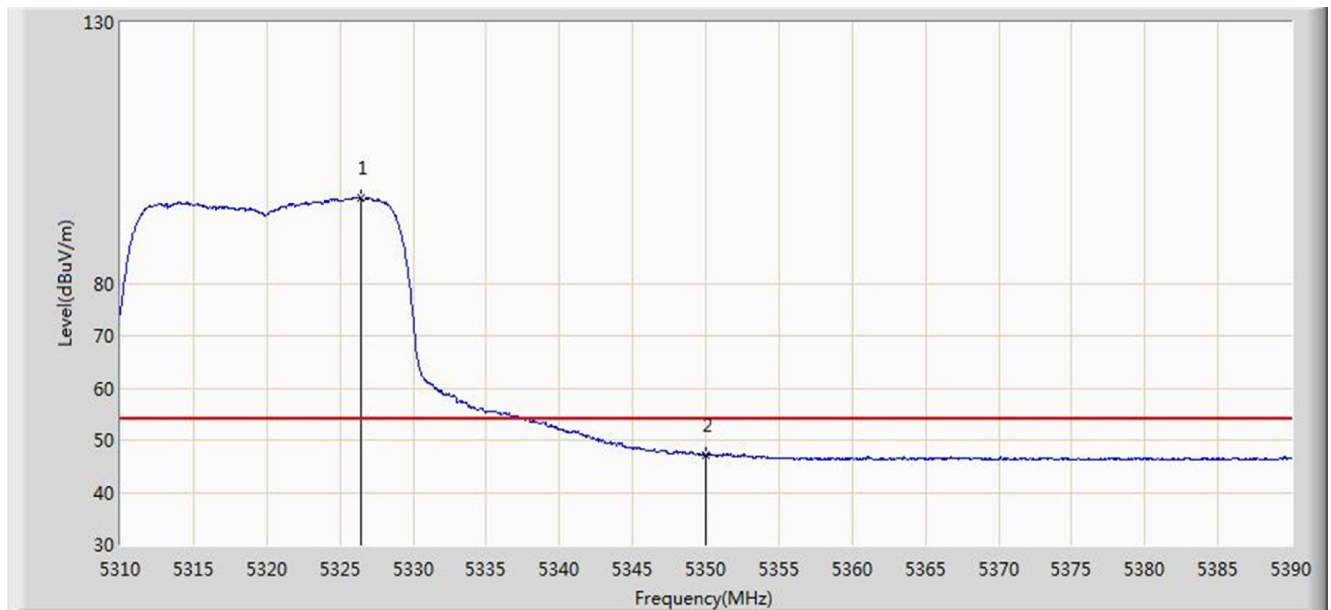


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.320	106.615	100.297	N/A	N/A	6.319	PK
2			5350.000	64.424	57.964	-9.576	74.000	6.460	PK
3			5350.680	65.560	59.097	-8.440	74.000	6.463	PK

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

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

Site: AC1	Time: 2018/11/17 - 13:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5320MHz	

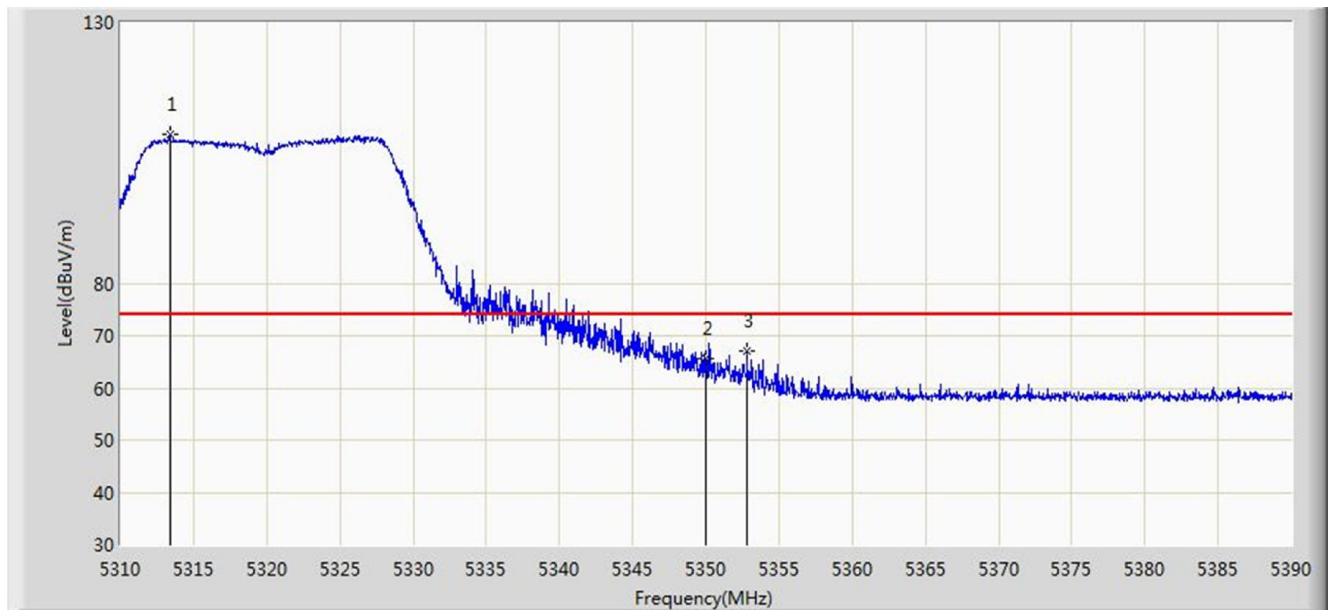


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.400	96.321	89.991	N/A	N/A	6.330	AV
2			5350.000	46.991	40.531	-7.009	54.000	6.460	AV

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

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

Site: AC1	Time: 2018/11/17 - 12:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5320MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.360	108.415	102.142	N/A	N/A	6.274	PK
2			5350.000	65.551	59.091	-8.449	74.000	6.460	PK
3			5352.800	67.028	60.555	-6.972	74.000	6.473	PK

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

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

Site: AC1	Time: 2018/11/17 - 13:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5320MHz	

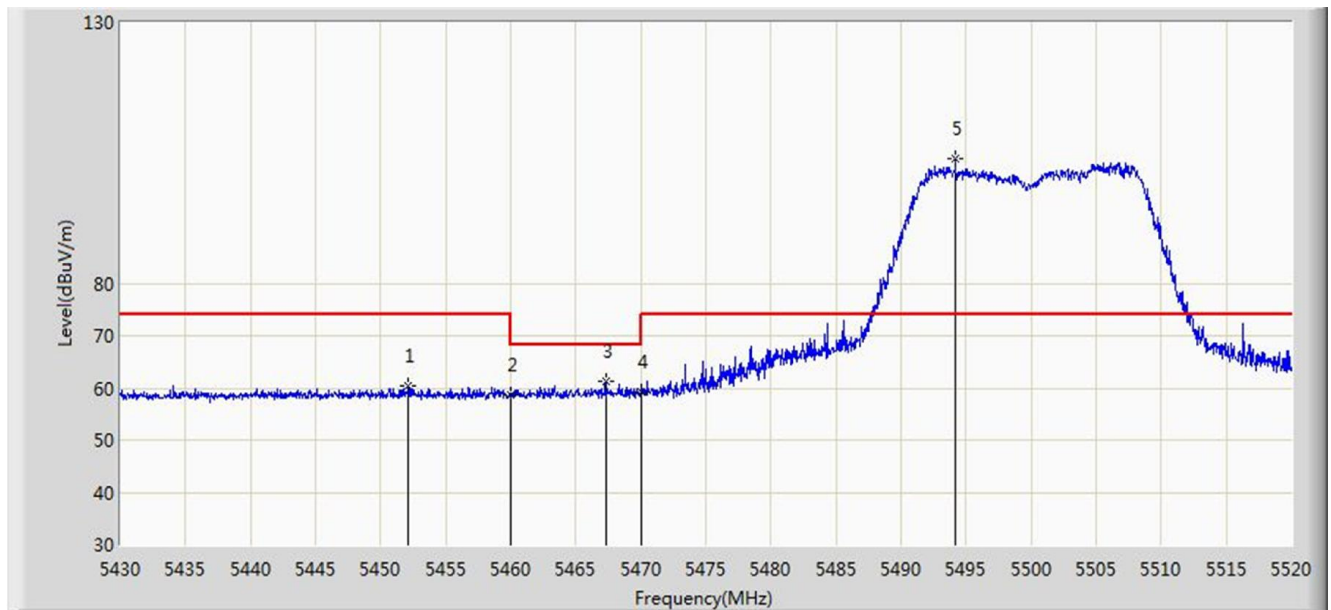


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.680	98.223	91.897	N/A	N/A	6.325	AV
2			5350.000	47.642	41.182	-6.358	54.000	6.460	AV

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

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

Site: AC1	Time: 2018/11/17 - 13:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5500MHz	

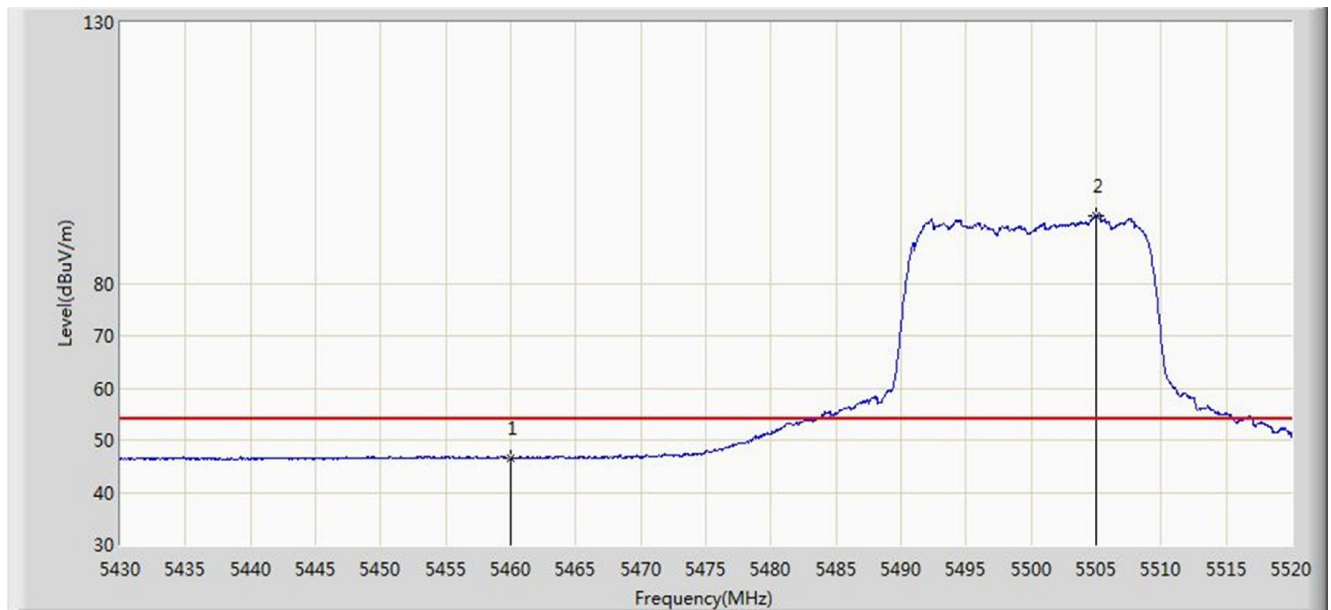


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5452.140	60.497	53.736	-13.503	74.000	6.760	PK
2			5460.000	58.686	51.884	-15.314	74.000	6.802	PK
3			5467.350	61.434	54.601	-6.766	68.200	6.833	PK
4			5470.000	59.313	52.468	-8.887	68.200	6.845	PK
5		*	5494.170	103.823	96.994	N/A	N/A	6.829	PK

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

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

Site: AC1	Time: 2018/11/17 - 13:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Cloud Guo
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 5500MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.627	39.825	-7.373	54.000	6.802	AV
2		*	5504.970	92.935	86.124	N/A	N/A	6.811	AV

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

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