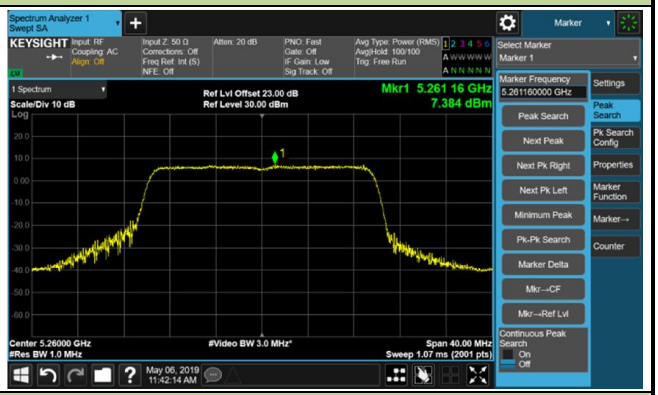
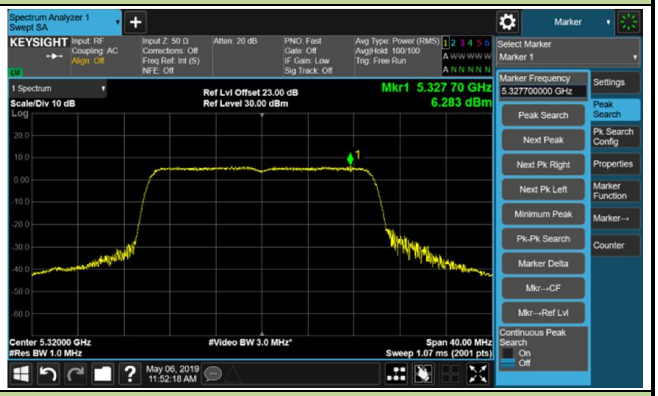
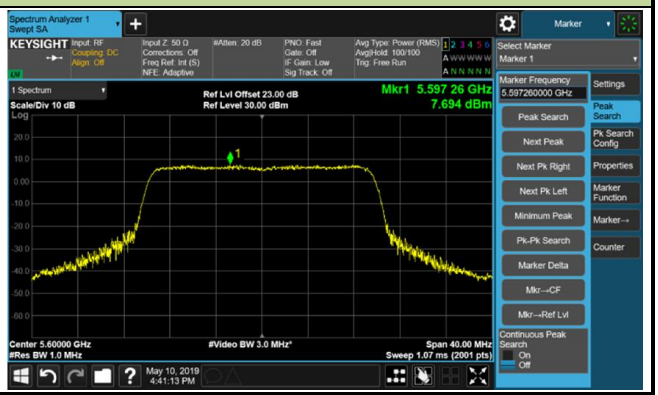
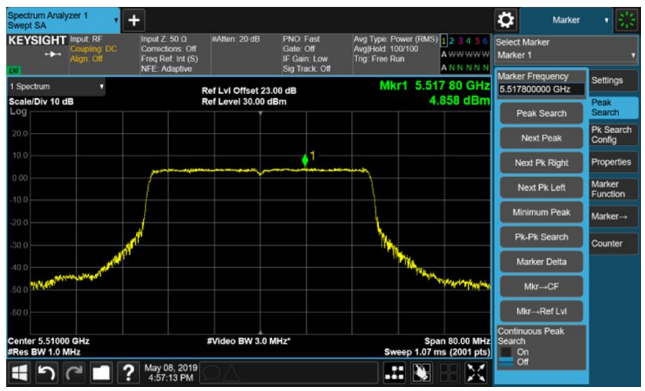
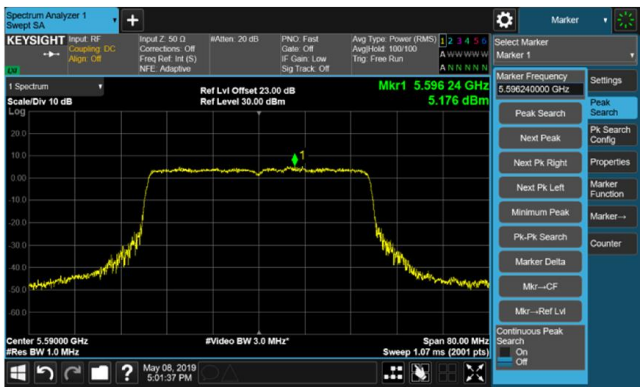
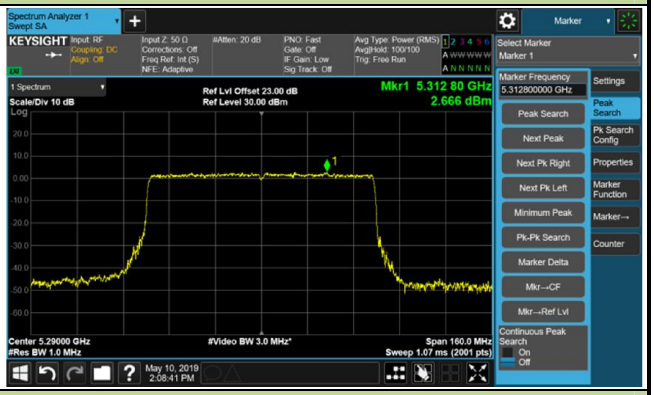
802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 52 (5260MHz)
	
Channel 60 (5300MHz)	Channel 64 (5320MHz)
	
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	

Channel 140 (5700MHz)	Channel 144 (5720MHz)
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	
Channel 165 (5825MHz)	
	

802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 54 (5270MHz)	Channel 62 (5310MHz)
	
Channel 102 (5510MHz)	Channel 118 (5590MHz)
	
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	

Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
	
Channel 106 (5530MHz)	Channel 122 (5610MHz)
	
Channel 138 (5690MHz)	Channel 155 (5775MHz)
	

802.11ax-HE160 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

7.7. Frequency Stability Measurement

7.7.1.Test Limit

Manufactures 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:

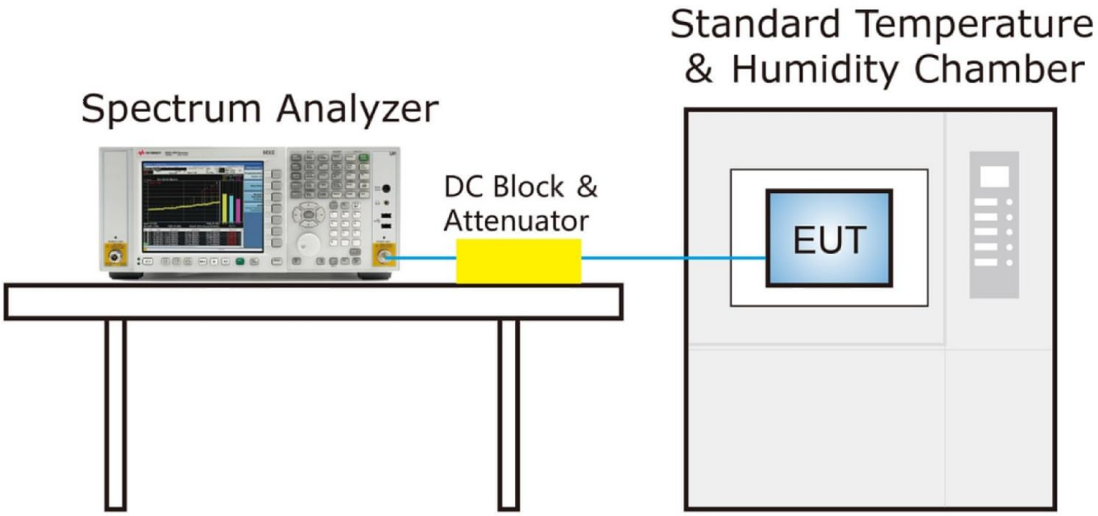
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 (±15%) and endpoint, recordthe maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	-30 ~ 50°C
Test Engineer	Kevin Ker	Relative Humidity	46 ~ 55%RH
Test Site	SR2	Test Time	2019/05/13
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100%	120	- 30	0.299
		- 20	-0.087
		- 10	-0.106
		0	-0.270
		+ 10	0.019
		+ 20 (Ref)	0.196
		+ 30	-0.032
		+ 40	-0.038
		+ 50	-0.306
115%	138	+ 20	-0.089
85%	102	+ 20	-0.329

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

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 ≥ 98%, set VBW = 10 Hz.

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

4. Detector = Peak

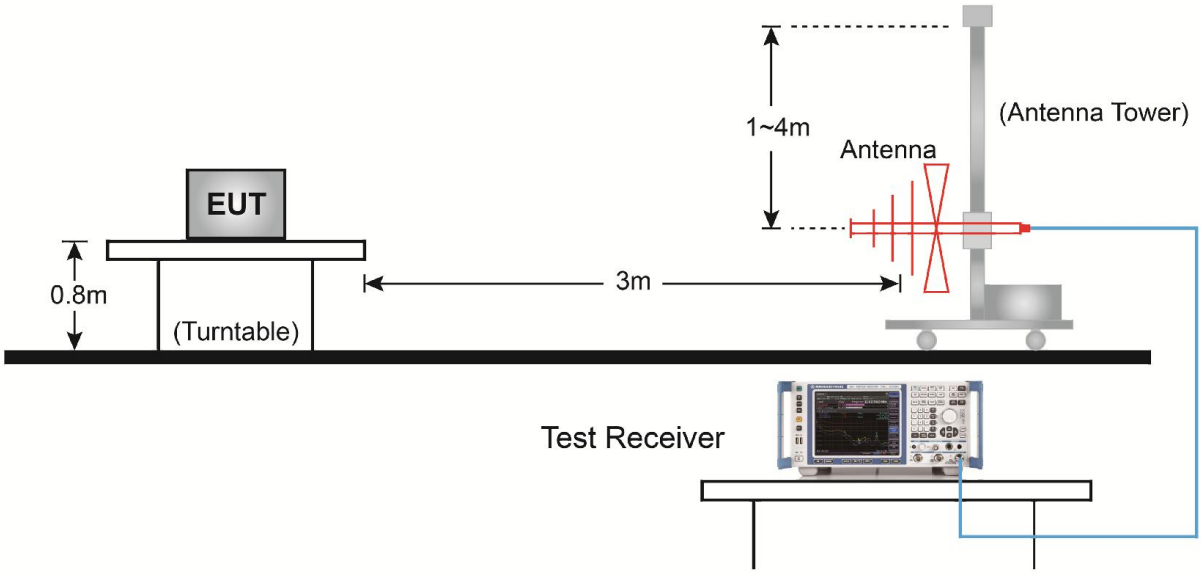
5. Sweep time = auto

6. Trace mode = max hold

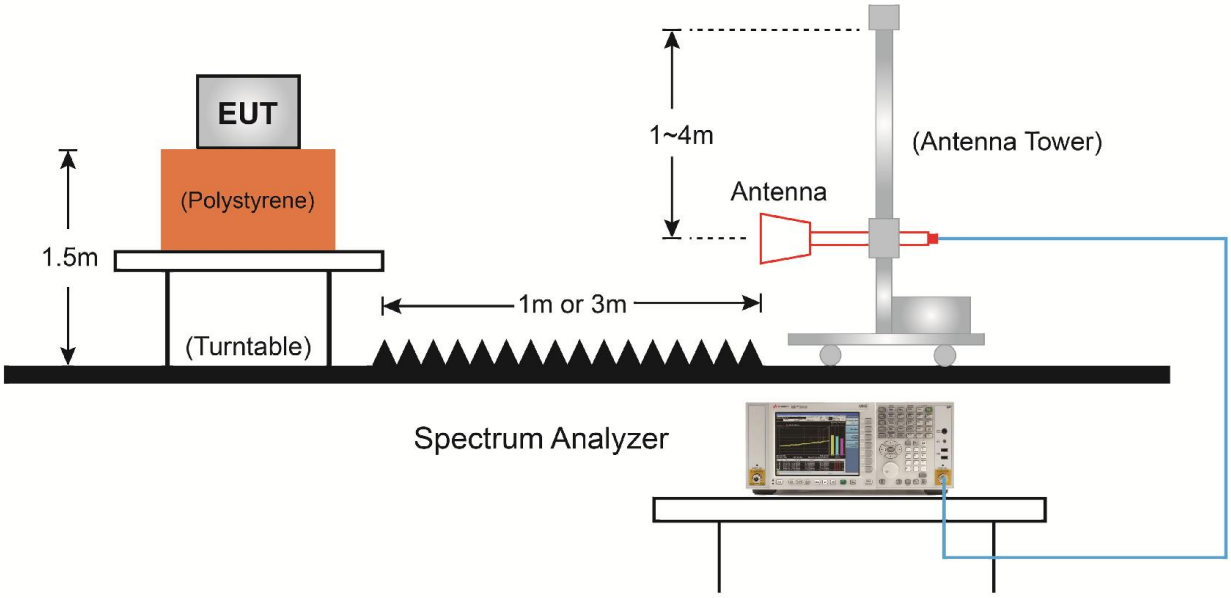
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.8.5.Test Result

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	36
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	33.7	13.8	47.5	68.2	-20.7	Peak	Horizontal
*	9772.0	34.3	15.2	49.5	68.2	-18.7	Peak	Horizontal
	10987.5	33.3	19.1	52.4	74.0	-21.6	Peak	Horizontal
	11659.0	33.3	19.1	52.4	74.0	-21.6	Peak	Horizontal
*	8667.0	34.5	13.6	48.1	68.2	-20.1	Peak	Vertical
*	10367.0	41.4	16.9	58.3	68.2	-9.9	Peak	Vertical
	11072.5	32.3	19.1	51.4	74.0	-22.6	Peak	Vertical
	11642.0	33.5	19.1	52.6	74.0	-21.4	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	44
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	33.0	13.7	46.7	68.2	-21.5	Peak	Horizontal
*	10061.0	33.4	16.0	49.4	68.2	-18.8	Peak	Horizontal
	11540.0	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
	12143.5	33.1	18.7	51.8	74.0	-22.2	Peak	Horizontal
*	8743.5	34.0	13.8	47.8	68.2	-20.4	Peak	Vertical
*	10443.5	40.3	17.7	58.0	68.2	-10.2	Peak	Vertical
	11574.0	33.7	19.2	52.9	74.0	-21.1	Peak	Vertical
	12109.5	33.4	18.7	52.1	74.0	-21.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	48
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	33.8	13.6	47.4	68.2	-20.8	Peak	Horizontal
*	9891.0	33.1	15.5	48.6	68.2	-19.6	Peak	Horizontal
	10945.0	33.5	19.0	52.5	74.0	-21.5	Peak	Horizontal
	12152.0	33.3	18.7	52.0	74.0	-22.0	Peak	Horizontal
*	8726.5	34.3	13.7	48.0	68.2	-20.2	Peak	Vertical
*	10477.5	37.3	17.9	55.2	68.2	-13.0	Peak	Vertical
	11599.5	32.8	19.2	52.0	74.0	-22.0	Peak	Vertical
	12126.5	33.2	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	52
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	33.4	13.9	47.3	68.2	-20.9	Peak	Horizontal
*	10316.0	33.0	17.2	50.2	68.2	-18.0	Peak	Horizontal
	10800.5	32.9	18.6	51.5	74.0	-22.5	Peak	Horizontal
	12177.5	33.6	18.6	52.2	74.0	-21.8	Peak	Horizontal
*	8811.5	34.0	13.9	47.9	68.2	-20.3	Peak	Vertical
*	10273.5	35.1	17.0	52.1	68.2	-16.1	Peak	Vertical
	10877.0	32.5	18.8	51.3	74.0	-22.7	Peak	Vertical
	11489.0	32.8	19.2	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	60
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	33.6	13.8	47.4	68.2	-20.8	Peak	Horizontal
*	10112.0	34.7	16.3	51.0	68.2	-17.2	Peak	Horizontal
	11132.0	32.3	19.1	51.4	74.0	-22.6	Peak	Horizontal
	11591.0	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
*	8675.5	34.7	13.6	48.3	68.2	-19.9	Peak	Vertical
*	9772.0	35.1	15.2	50.3	68.2	-17.9	Peak	Vertical
	10928.0	33.0	18.9	51.9	74.0	-22.1	Peak	Vertical
	11761.0	32.5	19.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	64
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	35.4	13.6	49.0	68.2	-19.2	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	10868.5	32.8	18.8	51.6	74.0	-22.4	Peak	Horizontal
	11574.0	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
*	8794.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
*	10222.5	33.9	16.7	50.6	68.2	-17.6	Peak	Vertical
	10945.0	33.3	19.0	52.3	74.0	-21.7	Peak	Vertical
	11489.0	32.4	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	100
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	34.1	13.8	47.9	68.2	-20.3	Peak	Horizontal
*	10265.0	33.7	16.9	50.6	68.2	-17.6	Peak	Horizontal
	10851.5	33.5	18.7	52.2	74.0	-21.8	Peak	Horizontal
	11489.0	32.9	19.2	52.1	74.0	-21.9	Peak	Horizontal
*	8837.0	33.1	14.0	47.1	68.2	-21.1	Peak	Vertical
*	10120.5	34.0	16.3	50.3	68.2	-17.9	Peak	Vertical
	11361.5	33.1	19.2	52.3	74.0	-21.7	Peak	Vertical
	12645.0	33.2	18.6	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	120
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	33.7	13.6	47.3	68.2	-20.9	Peak	Horizontal
*	10324.5	33.9	17.2	51.1	68.2	-17.1	Peak	Horizontal
	11455.0	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
	12084.0	32.6	18.7	51.3	74.0	-22.7	Peak	Horizontal
*	8641.5	34.2	13.5	47.7	68.2	-20.5	Peak	Vertical
*	10205.5	33.9	16.7	50.6	68.2	-17.6	Peak	Vertical
	10979.0	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	11591.0	32.9	19.2	52.1	74.0	-21.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	140
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	32.6	13.7	46.3	68.2	-21.9	Peak	Horizontal
*	9950.5	34.2	15.6	49.8	68.2	-18.4	Peak	Horizontal
	11021.5	31.3	19.1	50.4	74.0	-23.6	Peak	Horizontal
	11939.5	33.1	18.9	52.0	74.0	-22.0	Peak	Horizontal
*	8735.0	34.4	13.7	48.1	68.2	-20.1	Peak	Vertical
*	9797.5	32.4	15.3	47.7	68.2	-20.5	Peak	Vertical
	10970.5	32.2	19.0	51.2	74.0	-22.8	Peak	Vertical
	11608.0	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	144
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10503.0	33.2	18.0	51.2	68.2	-17.0	Peak	Horizontal
	11463.5	33.3	19.2	52.5	74.0	-21.5	Peak	Horizontal
	12024.5	32.6	18.8	51.4	74.0	-22.6	Peak	Horizontal
*	8760.5	33.3	13.8	47.1	68.2	-21.1	Peak	Vertical
*	10078.0	33.9	16.1	50.0	68.2	-18.2	Peak	Vertical
	10970.5	32.9	19.0	51.9	74.0	-22.1	Peak	Vertical
	12092.5	33.3	18.7	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	149
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	34.3	13.5	47.8	68.2	-20.4	Peak	Horizontal
*	10103.5	34.4	16.2	50.6	68.2	-17.6	Peak	Horizontal
*	10936.5	33.3	18.9	52.2	74.0	-21.8	Peak	Horizontal
	11497.5	33.0	19.2	52.2	74.0	-21.8	Peak	Horizontal
*	8803.0	33.5	13.9	47.4	68.2	-20.8	Peak	Vertical
*	10163.0	34.4	16.5	50.9	68.2	-17.3	Peak	Vertical
	11480.5	35.6	19.2	54.8	74.0	-19.2	Peak	Vertical
	11480.5	25.2	19.2	44.4	54.0	-9.6	Average	Vertical
	12041.5	33.2	18.8	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	157
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	33.3	13.6	46.9	68.2	-21.3	Peak	Horizontal
*	9797.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
	11650.5	33.6	19.1	52.7	74.0	-21.3	Peak	Horizontal
	12177.5	33.2	18.6	51.8	74.0	-22.2	Peak	Horizontal
*	8616.0	34.5	13.4	47.9	68.2	-20.3	Peak	Vertical
*	10231.0	33.8	16.8	50.6	68.2	-17.6	Peak	Vertical
	10962.0	32.7	19.0	51.7	74.0	-22.3	Peak	Vertical
	11574.0	35.8	19.2	55.0	74.0	-19.0	Peak	Vertical
	11574.0	24.6	19.2	43.8	54.0	-10.2	Average	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11a	Test Channel	165
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	34.5	13.4	47.9	68.2	-20.3	Peak	Horizontal
*	10231.0	33.8	16.8	50.6	68.2	-17.6	Peak	Horizontal
	10962.0	32.7	19.0	51.7	74.0	-22.3	Peak	Horizontal
	11574.0	35.8	19.2	55.0	74.0	-19.0	Peak	Horizontal
	11574.0	24.6	19.2	43.8	54.0	-10.2	Average	Horizontal
*	8684.0	33.4	13.6	47.0	68.2	-21.2	Peak	Vertical
*	10273.5	34.1	17.0	51.1	68.2	-17.1	Peak	Vertical
	10902.5	32.8	18.9	51.7	74.0	-22.3	Peak	Vertical
	11650.5	34.2	19.1	53.3	74.0	-20.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	36
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	34.5	13.6	48.1	68.2	-20.1	Peak	Horizontal
*	9755.0	34.6	15.2	49.8	68.2	-18.4	Peak	Horizontal
	10970.5	33.2	19.0	52.2	74.0	-21.8	Peak	Horizontal
	12109.5	32.5	18.7	51.2	74.0	-22.8	Peak	Horizontal
*	8845.5	34.5	14.0	48.5	68.2	-19.7	Peak	Vertical
*	10358.5	41.0	17.3	58.3	68.2	-9.9	Peak	Vertical
	11098.0	32.9	19.1	52.0	74.0	-22.0	Peak	Vertical
	12033.0	33.4	18.8	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	44
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	34.5	14.0	48.5	68.2	-19.7	Peak	Horizontal
*	10358.5	41.0	17.3	58.3	68.2	-9.9	Peak	Horizontal
	11098.0	32.9	19.1	52.0	74.0	-22.0	Peak	Horizontal
	12033.0	33.4	18.8	52.2	74.0	-21.8	Peak	Horizontal
*	8786.0	32.1	13.9	46.0	68.2	-22.2	Peak	Vertical
*	10443.5	36.6	17.7	54.3	68.2	-13.9	Peak	Vertical
	11591.0	33.0	19.2	52.2	74.0	-21.8	Peak	Vertical
	12288.0	32.7	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	48
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8913.5	32.7	14.2	46.9	68.2	-21.3	Peak	Horizontal
*	9942.0	34.4	15.6	50.0	68.2	-18.2	Peak	Horizontal
	10979.0	33.5	19.0	52.5	74.0	-21.5	Peak	Horizontal
	12203.0	32.2	18.6	50.8	74.0	-23.2	Peak	Horizontal
*	8658.5	34.6	13.5	48.1	68.2	-20.1	Peak	Vertical
*	10477.5	36.2	17.9	54.1	68.2	-14.1	Peak	Vertical
	11480.5	33.0	19.2	52.2	74.0	-21.8	Peak	Vertical
	12135.0	33.0	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	52
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
*	10103.5	33.7	16.2	49.9	68.2	-18.3	Peak	Horizontal
	10970.5	33.0	19.0	52.0	74.0	-22.0	Peak	Horizontal
	11506.0	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
*	8658.5	34.5	13.5	48.0	68.2	-20.2	Peak	Vertical
*	10103.5	33.7	16.2	49.9	68.2	-18.3	Peak	Vertical
	10970.5	33.0	19.0	52.0	74.0	-22.0	Peak	Vertical
	11506.0	33.4	19.2	52.6	74.0	-21.4	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	60
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	35.0	13.5	48.5	68.2	-19.7	Peak	Horizontal
*	10069.5	32.3	16.1	48.4	68.2	-19.8	Peak	Horizontal
	11123.5	32.4	19.1	51.5	74.0	-22.5	Peak	Horizontal
	12288.0	31.5	18.5	50.0	74.0	-24.0	Peak	Horizontal
*	8675.5	34.7	13.6	48.3	68.2	-19.9	Peak	Vertical
*	10205.5	33.5	16.7	50.2	68.2	-18.0	Peak	Vertical
	10928.0	32.8	18.9	51.7	74.0	-22.3	Peak	Vertical
	11591.0	32.9	19.2	52.1	74.0	-21.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	64
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8888.0	33.8	14.1	47.9	68.2	-20.3	Peak	Horizontal
*	10239.5	33.9	16.8	50.7	68.2	-17.5	Peak	Horizontal
	10851.5	32.6	18.7	51.3	74.0	-22.7	Peak	Horizontal
	11574.0	32.9	19.2	52.1	74.0	-21.9	Peak	Horizontal
	7681.0	38.9	12.8	51.7	74.0	-22.3	Peak	Vertical
	8301.5	33.4	13.1	46.5	74.0	-27.5	Peak	Vertical
*	9755.0	33.2	15.2	48.4	68.2	-19.8	Peak	Vertical
*	10265.0	34.2	16.9	51.1	68.2	-17.1	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	100
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10214.0	33.5	16.7	50.2	68.2	-18.0	Peak	Horizontal
	10885.5	32.5	18.8	51.3	74.0	-22.7	Peak	Horizontal
	11514.5	32.9	19.2	52.1	74.0	-21.9	Peak	Horizontal
*	8854.0	33.1	14.0	47.1	68.2	-21.1	Peak	Vertical
*	9729.5	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
	10996.0	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	11599.5	33.0	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	120
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	34.4	13.6	48.0	68.2	-20.2	Peak	Horizontal
*	10103.5	33.6	16.2	49.8	68.2	-18.4	Peak	Horizontal
	10868.5	33.4	18.8	52.2	74.0	-21.8	Peak	Horizontal
	11591.0	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
*	8752.0	34.5	13.8	48.3	68.2	-19.9	Peak	Vertical
*	9848.5	34.0	15.4	49.4	68.2	-18.8	Peak	Vertical
	10902.5	33.4	18.9	52.3	74.0	-21.7	Peak	Vertical
	11540.0	32.8	19.2	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	140
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	34.5	13.8	48.3	68.2	-19.9	Peak	Horizontal
*	9848.5	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
	10902.5	33.4	18.9	52.3	74.0	-21.7	Peak	Horizontal
	11540.0	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
*	8752.0	34.5	13.8	48.3	68.2	-19.9	Peak	Vertical
*	9848.5	34.0	15.4	49.4	68.2	-18.8	Peak	Vertical
	10902.5	33.4	18.9	52.3	74.0	-21.7	Peak	Vertical
	11540.0	32.8	19.2	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	144
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	34.7	13.6	48.3	68.2	-19.9	Peak	Horizontal
*	10256.5	33.6	16.9	50.5	68.2	-17.7	Peak	Horizontal
	10911.0	33.3	18.9	52.2	74.0	-21.8	Peak	Horizontal
	11591.0	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
*	8735.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10231.0	34.4	16.8	51.2	68.2	-17.0	Peak	Vertical
	10902.5	32.8	18.9	51.7	74.0	-22.3	Peak	Vertical
	12194.5	34.2	18.6	52.8	74.0	-21.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	149
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	34.6	13.9	48.5	68.2	-19.7	Peak	Horizontal
*	10282.0	32.7	17.0	49.7	68.2	-18.5	Peak	Horizontal
	11531.5	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
	12288.0	31.2	18.5	49.7	74.0	-24.3	Peak	Horizontal
*	8692.5	34.6	13.6	48.2	68.2	-20.0	Peak	Vertical
*	10375.5	33.5	17.4	50.9	68.2	-17.3	Peak	Vertical
	11489.0	35.1	19.2	54.3	74.0	-19.7	Peak	Vertical
	11489.0	24.3	19.2	43.5	54.0	-10.5	Average	Vertical
	12160.5	34.0	18.7	52.7	74.0	-21.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	157
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8828.5	33.1	14.0	47.1	68.2	-21.1	Peak	Horizontal
*	10103.5	33.3	16.2	49.5	68.2	-18.7	Peak	Horizontal
	10902.5	33.0	18.9	51.9	74.0	-22.1	Peak	Horizontal
	12135.0	33.1	18.7	51.8	74.0	-22.2	Peak	Horizontal
*	8675.5	34.1	13.6	47.7	68.2	-20.5	Peak	Vertical
*	10120.5	33.9	16.3	50.2	68.2	-18.0	Peak	Vertical
	10928.0	33.3	18.9	52.2	74.0	-21.8	Peak	Vertical
	11574.0	37.1	19.2	56.3	74.0	-17.7	Peak	Vertical
	11574.0	24.5	19.2	43.7	54.0	-10.3	Average	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT20	Test Channel	165
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
*	10214.0	34.3	16.7	51.0	68.2	-17.2	Peak	Horizontal
	11030.0	32.7	19.1	51.8	74.0	-22.2	Peak	Horizontal
	11650.5	33.3	19.1	52.4	74.0	-21.6	Peak	Horizontal
*	8633.0	33.4	13.5	46.9	68.2	-21.3	Peak	Vertical
*	9687.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical
	11021.5	32.7	19.1	51.8	74.0	-22.2	Peak	Vertical
	11650.5	33.9	19.1	53.0	74.0	-21.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	38
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	34.3	13.5	47.8	68.2	-20.4	Peak	Horizontal
*	10299.0	33.5	17.1	50.6	68.2	-17.6	Peak	Horizontal
	11489.0	33.8	19.2	53.0	74.0	-21.0	Peak	Horizontal
	12254.0	32.9	18.6	51.5	74.0	-22.5	Peak	Horizontal
*	8743.5	33.8	13.8	47.6	68.2	-20.6	Peak	Vertical
*	10367.0	35.5	17.4	52.9	68.2	-15.3	Peak	Vertical
	11557.0	33.5	19.2	52.7	74.0	-21.3	Peak	Vertical
	12364.5	32.7	18.4	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	46
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	33.8	13.8	47.6	68.2	-20.6	Peak	Horizontal
*	10367.0	35.5	17.4	52.9	68.2	-15.3	Peak	Horizontal
	11557.0	33.5	19.2	52.7	74.0	-21.3	Peak	Horizontal
	12364.5	32.7	18.4	51.1	74.0	-22.9	Peak	Horizontal
*	8675.5	35.8	13.6	49.4	68.2	-18.8	Peak	Vertical
*	10052.5	33.5	16.0	49.5	68.2	-18.7	Peak	Vertical
	11038.5	32.9	19.1	52.0	74.0	-22.0	Peak	Vertical
	11531.5	33.2	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	54
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	33.1	13.7	46.8	68.2	-21.4	Peak	Horizontal
*	9755.0	34.6	15.2	49.8	68.2	-18.4	Peak	Horizontal
	10851.5	33.6	18.7	52.3	74.0	-21.7	Peak	Horizontal
	11446.5	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
*	8811.5	33.8	13.9	47.7	68.2	-20.5	Peak	Vertical
*	10112.0	34.6	16.3	50.9	68.2	-17.3	Peak	Vertical
	10911.0	33.0	18.9	51.9	74.0	-22.1	Peak	Vertical
	12041.5	32.9	18.8	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)

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	62
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8641.5	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
*	10231.0	33.7	16.8	50.5	68.2	-17.7	Peak	Horizontal
	10928.0	33.5	18.9	52.4	74.0	-21.6	Peak	Horizontal
	12228.5	32.9	18.6	51.5	74.0	-22.5	Peak	Horizontal
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Vertical
*	10137.5	33.9	16.4	50.3	68.2	-17.9	Peak	Vertical
	10945.0	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	11761.0	33.3	19.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	102
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	34.0	14.0	48.0	68.2	-20.2	Peak	Horizontal
*	10494.5	33.3	17.9	51.2	68.2	-17.0	Peak	Horizontal
	11599.5	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
	12594.0	33.5	18.5	52.0	74.0	-22.0	Peak	Horizontal
*	8607.5	34.6	13.4	48.0	68.2	-20.2	Peak	Vertical
*	9738.0	34.7	15.2	49.9	68.2	-18.3	Peak	Vertical
	10996.0	33.2	19.1	52.3	74.0	-21.7	Peak	Vertical
	11506.0	33.5	19.2	52.7	74.0	-21.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	118
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	34.6	13.7	48.3	68.2	-19.9	Peak	Horizontal
*	10265.0	33.3	16.9	50.2	68.2	-18.0	Peak	Horizontal
	10996.0	33.7	19.1	52.8	74.0	-21.2	Peak	Horizontal
	11591.0	33.5	19.2	52.7	74.0	-21.3	Peak	Horizontal
*	8641.5	33.6	13.5	47.1	68.2	-21.1	Peak	Vertical
*	10129.0	34.2	16.3	50.5	68.2	-17.7	Peak	Vertical
	10979.0	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	11684.5	34.4	19.1	53.5	74.0	-20.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	134
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	32.4	14.0	46.4	68.2	-21.8	Peak	Horizontal
*	9831.5	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	10885.5	33.6	18.8	52.4	74.0	-21.6	Peak	Horizontal
	11548.5	32.6	19.2	51.8	74.0	-22.2	Peak	Horizontal
*	8752.0	33.5	13.8	47.3	68.2	-20.9	Peak	Vertical
*	10180.0	33.6	16.6	50.2	68.2	-18.0	Peak	Vertical
	10953.5	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	12118.0	32.7	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	142
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
*	9755.0	34.5	15.2	49.7	68.2	-18.5	Peak	Horizontal
	10860.0	32.9	18.8	51.7	74.0	-22.3	Peak	Horizontal
	11582.5	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
*	8624.5	34.3	13.5	47.8	68.2	-20.4	Peak	Vertical
*	9984.5	33.6	15.7	49.3	68.2	-18.9	Peak	Vertical
	10885.5	32.5	18.8	51.3	74.0	-22.7	Peak	Vertical
	12101.0	32.8	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	151
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	33.5	13.6	47.1	68.2	-21.1	Peak	Horizontal
*	9993.0	34.6	15.7	50.3	68.2	-17.9	Peak	Horizontal
	10919.5	33.9	18.9	52.8	74.0	-21.2	Peak	Horizontal
	11531.5	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
*	8692.5	33.5	13.6	47.1	68.2	-21.1	Peak	Vertical
*	9993.0	34.6	15.7	50.3	68.2	-17.9	Peak	Vertical
	10919.5	33.9	18.9	52.8	74.0	-21.2	Peak	Vertical
	11531.5	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11n-HT40	Test Channel	159
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
*	9687.0	34.8	15.0	49.8	68.2	-18.4	Peak	Horizontal
	10970.5	33.0	19.0	52.0	74.0	-22.0	Peak	Horizontal
	11557.0	33.8	19.2	53.0	74.0	-21.0	Peak	Horizontal
*	8794.5	34.1	13.9	48.0	68.2	-20.2	Peak	Vertical
*	10239.5	33.6	16.8	50.4	68.2	-17.8	Peak	Vertical
	11582.5	34.0	19.2	53.2	74.0	-20.8	Peak	Vertical
	12118.0	32.5	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	36
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	9942.0	34.5	15.6	50.1	68.2	-18.1	Peak	Horizontal
	10945.0	33.2	19.0	52.2	74.0	-21.8	Peak	Horizontal
	11591.0	32.9	19.2	52.1	74.0	-21.9	Peak	Horizontal
*	8794.5	32.9	13.9	46.8	68.2	-21.4	Peak	Vertical
*	10358.5	41.3	17.3	58.6	68.2	-9.6	Peak	Vertical
	11004.5	33.7	19.1	52.8	74.0	-21.2	Peak	Vertical
	12050.0	32.9	18.8	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)

Product	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	44
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8862.5	34.3	14.0	48.3	68.2	-19.9	Peak	Horizontal
*	9755.0	35.6	15.2	50.8	68.2	-17.4	Peak	Horizontal
	11004.5	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
	12050.0	33.7	18.8	52.5	74.0	-21.5	Peak	Horizontal
*	8692.5	34.9	13.6	48.5	68.2	-19.7	Peak	Vertical
*	10435.0	38.1	17.7	55.8	68.2	-12.4	Peak	Vertical
	11582.5	33.3	19.2	52.5	74.0	-21.5	Peak	Vertical
	12177.5	32.5	18.6	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	48
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	34.5	13.5	48.0	68.2	-20.2	Peak	Horizontal
*	10205.5	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	10868.5	33.0	18.8	51.8	74.0	-22.2	Peak	Horizontal
	11540.0	34.2	19.2	53.4	74.0	-20.6	Peak	Horizontal
*	8709.5	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
*	10486.0	39.0	17.9	56.9	68.2	-11.3	Peak	Vertical
	11599.5	33.6	19.2	52.8	74.0	-21.2	Peak	Vertical
	12118.0	32.7	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	52
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	33.5	13.8	47.3	68.2	-20.9	Peak	Horizontal
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
	10698.5	34.5	18.4	52.9	74.0	-21.1	Peak	Horizontal
	11676.0	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
*	8845.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	10052.5	34.6	16.0	50.6	68.2	-17.6	Peak	Vertical
	10987.5	32.8	19.1	51.9	74.0	-22.1	Peak	Vertical
	11531.5	33.3	19.2	52.5	74.0	-21.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	60
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	34.7	13.6	48.3	68.2	-19.9	Peak	Horizontal
*	10078.0	34.6	16.1	50.7	68.2	-17.5	Peak	Horizontal
	11582.5	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
	12194.5	32.8	18.6	51.4	74.0	-22.6	Peak	Horizontal
*	8837.0	34.1	14.0	48.1	68.2	-20.1	Peak	Vertical
*	10180.0	33.4	16.6	50.0	68.2	-18.2	Peak	Vertical
	11021.5	30.7	19.1	49.8	74.0	-24.2	Peak	Vertical
	11540.0	32.8	19.2	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	64
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
*	10027.0	33.5	15.9	49.4	68.2	-18.8	Peak	Horizontal
	10792.0	32.6	18.6	51.2	74.0	-22.8	Peak	Horizontal
	11599.5	32.6	19.2	51.8	74.0	-22.2	Peak	Horizontal
*	8735.0	34.5	13.7	48.2	68.2	-20.0	Peak	Vertical
*	10154.5	34.3	16.4	50.7	68.2	-17.5	Peak	Vertical
	10996.0	33.8	19.1	52.9	74.0	-21.1	Peak	Vertical
	11582.5	33.5	19.2	52.7	74.0	-21.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	100
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8641.5	34.4	13.5	47.9	68.2	-20.3	Peak	Horizontal
*	10120.5	32.9	16.3	49.2	68.2	-19.0	Peak	Horizontal
	10928.0	33.2	18.9	52.1	74.0	-21.9	Peak	Horizontal
	11591.0	33.0	19.2	52.2	74.0	-21.8	Peak	Horizontal
*	8718.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10273.5	33.2	17.0	50.2	68.2	-18.0	Peak	Vertical
	10945.0	32.7	19.0	51.7	74.0	-22.3	Peak	Vertical
	11795.0	33.3	19.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	120
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	32.3	13.7	46.0	68.2	-22.2	Peak	Horizontal
*	10095.0	33.9	16.2	50.1	68.2	-18.1	Peak	Horizontal
	11642.0	33.5	19.1	52.6	74.0	-21.4	Peak	Horizontal
	12101.0	32.8	18.7	51.5	74.0	-22.5	Peak	Horizontal
*	8684.0	33.6	13.6	47.2	68.2	-21.0	Peak	Vertical
*	10095.0	33.6	16.2	49.8	68.2	-18.4	Peak	Vertical
	10885.5	33.0	18.8	51.8	74.0	-22.2	Peak	Vertical
	11591.0	33.2	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	140
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	34.1	14.0	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	34.2	16.9	51.1	68.2	-17.1	Peak	Horizontal
	11395.5	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
	12169.0	32.7	18.6	51.3	74.0	-22.7	Peak	Horizontal
*	8913.5	31.3	14.2	45.5	68.2	-22.7	Peak	Vertical
*	10112.0	34.0	16.3	50.3	68.2	-17.9	Peak	Vertical
	10928.0	34.1	18.9	53.0	74.0	-21.0	Peak	Vertical
	11616.5	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	144
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	34.8	13.5	48.3	68.2	-19.9	Peak	Horizontal
*	9746.5	35.1	15.2	50.3	68.2	-17.9	Peak	Horizontal
	11055.5	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
	11531.5	32.4	19.2	51.6	74.0	-22.4	Peak	Horizontal
*	8752.0	32.6	13.8	46.4	68.2	-21.8	Peak	Vertical
*	10248.0	33.6	16.9	50.5	68.2	-17.7	Peak	Vertical
	10885.5	32.9	18.8	51.7	74.0	-22.3	Peak	Vertical
	12160.5	33.1	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	149
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	32.6	13.8	46.4	68.2	-21.8	Peak	Horizontal
*	10248.0	33.6	16.9	50.5	68.2	-17.7	Peak	Horizontal
	10885.5	32.9	18.8	51.7	74.0	-22.3	Peak	Horizontal
	12160.5	33.1	18.7	51.8	74.0	-22.2	Peak	Horizontal
*	8752.0	32.1	13.8	45.9	68.2	-22.3	Peak	Vertical
*	9891.0	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
	11489.0	35.7	19.2	54.9	74.0	-19.1	Peak	Vertical
	11489.0	24.3	19.2	43.5	54.0	-10.5	Average	Vertical
	12160.5	32.9	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	157
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	32.9	13.7	46.6	68.2	-21.6	Peak	Horizontal
*	9797.5	33.7	15.3	49.0	68.2	-19.2	Peak	Horizontal
	10877.0	33.2	18.8	52.0	74.0	-22.0	Peak	Horizontal
	12160.5	33.1	18.7	51.8	74.0	-22.2	Peak	Horizontal
*	8760.5	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
*	10248.0	34.7	16.9	51.6	68.2	-16.6	Peak	Vertical
	10800.5	33.6	18.6	52.2	74.0	-21.8	Peak	Vertical
	11574.0	35.8	19.2	55.0	74.0	-19.0	Peak	Vertical
	11574.0	25.3	19.2	44.5	54.0	-9.5	Average	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT20	Test Channel	165
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	34.5	13.4	47.9	68.2	-20.3	Peak	Horizontal
*	10052.5	33.9	16.0	49.9	68.2	-18.3	Peak	Horizontal
	10911.0	32.9	18.9	51.8	74.0	-22.2	Peak	Horizontal
	12084.0	33.2	18.7	51.9	74.0	-22.1	Peak	Horizontal
*	8811.5	33.2	13.9	47.1	68.2	-21.1	Peak	Vertical
*	10163.0	33.7	16.5	50.2	68.2	-18.0	Peak	Vertical
	11081.0	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	11642.0	34.7	19.1	53.8	74.0	-20.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	38
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8641.5	34.2	13.5	47.7	68.2	-20.5	Peak	Horizontal
*	10154.5	33.5	16.4	49.9	68.2	-18.3	Peak	Horizontal
	11591.0	33.0	19.2	52.2	74.0	-21.8	Peak	Horizontal
	12220.0	32.9	18.6	51.5	74.0	-22.5	Peak	Horizontal
*	8633.0	34.6	13.5	48.1	68.2	-20.1	Peak	Vertical
*	10384.0	35.0	17.5	52.5	68.2	-15.7	Peak	Vertical
	10894.0	33.7	18.8	52.5	74.0	-21.5	Peak	Vertical
	11608.0	33.6	19.2	52.8	74.0	-21.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	46
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	34.3	13.6	47.9	68.2	-20.3	Peak	Horizontal
*	10333.0	34.0	17.2	51.2	68.2	-17.0	Peak	Horizontal
	10970.5	32.5	19.0	51.5	74.0	-22.5	Peak	Horizontal
	12143.5	33.0	18.7	51.7	74.0	-22.3	Peak	Horizontal
*	8692.5	35.1	13.6	48.7	68.2	-19.5	Peak	Vertical
*	9908.0	34.0	15.6	49.6	68.2	-18.6	Peak	Vertical
	11676.0	32.9	19.1	52.0	74.0	-22.0	Peak	Vertical
	12356.0	32.1	18.5	50.6	74.0	-23.4	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	54
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	33.7	13.8	47.5	68.2	-20.7	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	10953.5	33.3	19.0	52.3	74.0	-21.7	Peak	Horizontal
	12109.5	33.6	18.7	52.3	74.0	-21.7	Peak	Horizontal
*	8913.5	34.7	14.2	48.9	68.2	-19.3	Peak	Vertical
*	10214.0	33.5	16.7	50.2	68.2	-18.0	Peak	Vertical
	10953.5	32.7	19.0	51.7	74.0	-22.3	Peak	Vertical
	11540.0	33.2	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	62
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8726.5	33.6	13.7	47.3	68.2	-20.9	Peak	Horizontal
*	10282.0	34.5	17.0	51.5	68.2	-16.7	Peak	Horizontal
	11489.0	33.5	19.2	52.7	74.0	-21.3	Peak	Horizontal
	12101.0	33.2	18.7	51.9	74.0	-22.1	Peak	Horizontal
*	8726.5	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	10282.0	34.5	17.0	51.5	68.2	-16.7	Peak	Vertical
	11489.0	33.5	19.2	52.7	74.0	-21.3	Peak	Vertical
	12101.0	33.2	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	102
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	33.8	13.7	47.5	68.2	-20.7	Peak	Horizontal
*	10018.5	34.0	15.8	49.8	68.2	-18.4	Peak	Horizontal
	11072.5	33.3	19.1	52.4	74.0	-21.6	Peak	Horizontal
	12296.5	33.0	18.5	51.5	74.0	-22.5	Peak	Horizontal
*	8624.5	34.0	13.5	47.5	68.2	-20.7	Peak	Vertical
*	10112.0	34.5	16.3	50.8	68.2	-17.4	Peak	Vertical
	11421.0	32.1	19.2	51.3	74.0	-22.7	Peak	Vertical
	12118.0	32.3	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	118
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8641.5	34.9	13.5	48.4	68.2	-19.8	Peak	Horizontal
*	10052.5	33.9	16.0	49.9	68.2	-18.3	Peak	Horizontal
	11259.5	31.3	19.2	50.5	74.0	-23.5	Peak	Horizontal
	12279.5	33.4	18.5	51.9	74.0	-22.1	Peak	Horizontal
*	8845.5	34.1	14.0	48.1	68.2	-20.1	Peak	Vertical
*	10137.5	33.9	16.4	50.3	68.2	-17.9	Peak	Vertical
	11030.0	32.8	19.1	51.9	74.0	-22.1	Peak	Vertical
	12262.5	33.4	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	134
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
*	9840.0	34.1	15.4	49.5	68.2	-18.7	Peak	Horizontal
	10894.0	32.8	18.8	51.6	74.0	-22.4	Peak	Horizontal
	11659.0	32.8	19.1	51.9	74.0	-22.1	Peak	Horizontal
*	8701.0	34.8	13.6	48.4	68.2	-19.8	Peak	Vertical
*	10350.0	33.2	17.3	50.5	68.2	-17.7	Peak	Vertical
	10979.0	33.8	19.0	52.8	74.0	-21.2	Peak	Vertical
	12092.5	33.3	18.7	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	142
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	9848.5	32.3	15.4	47.7	68.2	-20.5	Peak	Horizontal
	10970.5	32.3	19.0	51.3	74.0	-22.7	Peak	Horizontal
	11599.5	33.3	19.2	52.5	74.0	-21.5	Peak	Horizontal
*	8760.5	35.0	13.8	48.8	68.2	-19.4	Peak	Vertical
*	10290.5	33.8	17.0	50.8	68.2	-17.4	Peak	Vertical
	11353.0	33.1	19.2	52.3	74.0	-21.7	Peak	Vertical
	12466.5	33.6	18.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	151
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	34.8	13.5	48.3	68.2	-19.9	Peak	Horizontal
*	10129.0	33.9	16.3	50.2	68.2	-18.0	Peak	Horizontal
	10834.5	33.3	18.7	52.0	74.0	-22.0	Peak	Horizontal
	11812.0	32.7	19.0	51.7	74.0	-22.3	Peak	Horizontal
*	8820.0	33.7	13.9	47.6	68.2	-20.6	Peak	Vertical
*	10163.0	33.8	16.5	50.3	68.2	-17.9	Peak	Vertical
	10885.5	33.5	18.8	52.3	74.0	-21.7	Peak	Vertical
	11506.0	33.5	19.2	52.7	74.0	-21.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT40	Test Channel	159
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	34.6	13.6	48.2	68.2	-20.0	Peak	Horizontal
*	10384.0	33.6	17.5	51.1	68.2	-17.1	Peak	Horizontal
	11582.5	34.2	19.2	53.4	74.0	-20.6	Peak	Horizontal
	12356.0	33.2	18.5	51.7	74.0	-22.3	Peak	Horizontal
*	8599.0	34.5	13.4	47.9	68.2	-20.3	Peak	Vertical
*	10265.0	33.8	16.9	50.7	68.2	-17.5	Peak	Vertical
	10919.5	33.4	18.9	52.3	74.0	-21.7	Peak	Vertical
	11574.0	34.3	19.2	53.5	74.0	-20.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	42
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	34.1	13.9	48.0	68.2	-20.2	Peak	Horizontal
*	10256.5	33.7	16.9	50.6	68.2	-17.6	Peak	Horizontal
	10928.0	32.9	18.9	51.8	74.0	-22.2	Peak	Horizontal
	12245.5	34.0	18.6	52.6	74.0	-21.4	Peak	Horizontal
*	8735.0	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	10163.0	34.2	16.5	50.7	68.2	-17.5	Peak	Vertical
	10945.0	33.3	19.0	52.3	74.0	-21.7	Peak	Vertical
	11582.5	33.6	19.2	52.8	74.0	-21.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	58
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	34.6	13.4	48.0	68.2	-20.2	Peak	Horizontal
*	9874.0	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
	10936.5	33.6	18.9	52.5	74.0	-21.5	Peak	Horizontal
	11523.0	33.8	19.2	53.0	74.0	-21.0	Peak	Horizontal
*	8752.0	33.0	13.8	46.8	68.2	-21.4	Peak	Vertical
*	10307.5	33.9	17.1	51.0	68.2	-17.2	Peak	Vertical
	11106.5	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	11676.0	33.3	19.1	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	106
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	34.8	13.5	48.3	68.2	-19.9	Peak	Horizontal
*	10282.0	34.4	17.0	51.4	68.2	-16.8	Peak	Horizontal
	10894.0	32.6	18.8	51.4	74.0	-22.6	Peak	Horizontal
	11599.5	33.3	19.2	52.5	74.0	-21.5	Peak	Horizontal
*	8718.0	34.2	13.7	47.9	68.2	-20.3	Peak	Vertical
*	10120.5	34.6	16.3	50.9	68.2	-17.3	Peak	Vertical
	10902.5	33.1	18.9	52.0	74.0	-22.0	Peak	Vertical
	11591.0	32.9	19.2	52.1	74.0	-21.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	122
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	33.7	13.8	47.5	68.2	-20.7	Peak	Horizontal
*	10214.0	34.1	16.7	50.8	68.2	-17.4	Peak	Horizontal
	11523.0	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
	12135.0	33.1	18.7	51.8	74.0	-22.2	Peak	Horizontal
*	8820.0	32.3	13.9	46.2	68.2	-22.0	Peak	Vertical
*	10486.0	34.1	17.9	52.0	68.2	-16.2	Peak	Vertical
	10970.5	32.3	19.0	51.3	74.0	-22.7	Peak	Vertical
	12194.5	32.6	18.6	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	134
Note	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	8871.0	33.6	14.1	47.7	68.2	-20.5	Peak	Horizontal
*	9874.0	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
	10953.5	33.2	19.0	52.2	74.0	-21.8	Peak	Horizontal
	11540.0	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
*	8633.0	34.3	13.5	47.8	68.2	-20.4	Peak	Vertical
*	10222.5	33.5	16.7	50.2	68.2	-18.0	Peak	Vertical
	10851.5	33.0	18.7	51.7	74.0	-22.3	Peak	Vertical
	11608.0	32.5	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT80	Test Channel	155
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8879.5	33.4	14.1	47.5	68.2	-20.7	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	11047.0	32.7	19.1	51.8	74.0	-22.2	Peak	Horizontal
	11905.5	33.3	18.9	52.2	74.0	-21.8	Peak	Horizontal
*	8624.5	34.8	13.5	48.3	68.2	-19.9	Peak	Vertical
*	10239.5	34.0	16.8	50.8	68.2	-17.4	Peak	Vertical
	10945.0	32.8	19.0	51.8	74.0	-22.2	Peak	Vertical
	11565.5	33.9	19.2	53.1	74.0	-20.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT160	Test Channel	50
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	32.3	13.9	46.2	68.2	-22.0	Peak	Horizontal
*	10248.0	33.3	16.9	50.2	68.2	-18.0	Peak	Horizontal
	11081.0	33.1	19.1	52.2	74.0	-21.8	Peak	Horizontal
	11582.5	32.5	19.2	51.7	74.0	-22.3	Peak	Horizontal
*	8888.0	34.4	14.1	48.5	68.2	-19.7	Peak	Vertical
*	10239.5	33.9	16.8	50.7	68.2	-17.5	Peak	Vertical
	10894.0	33.6	18.8	52.4	74.0	-21.6	Peak	Vertical
	11497.5	33.6	19.2	52.8	74.0	-21.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ac-VHT160	Test Channel	114
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10146.0	33.8	16.4	50.2	68.2	-18.0	Peak	Horizontal
	10885.5	33.2	18.8	52.0	74.0	-22.0	Peak	Horizontal
	11438.0	33.3	19.2	52.5	74.0	-21.5	Peak	Horizontal
*	8913.5	33.0	14.2	47.2	68.2	-21.0	Peak	Vertical
*	9942.0	33.0	15.6	48.6	68.2	-19.6	Peak	Vertical
	10792.0	32.0	18.6	50.6	74.0	-23.4	Peak	Vertical
	11497.5	33.7	19.2	52.9	74.0	-21.1	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	36
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	34.1	13.6	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	34.2	17.3	51.5	68.2	-16.7	Peak	Horizontal
	11081.0	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
	11676.0	33.1	19.1	52.2	74.0	-21.8	Peak	Horizontal
*	8879.5	33.5	14.1	47.6	68.2	-20.6	Peak	Vertical
*	10358.5	38.9	17.3	56.2	68.2	-12.0	Peak	Vertical
	10919.5	33.0	18.9	51.9	74.0	-22.1	Peak	Vertical
	11956.5	33.2	18.9	52.1	74.0	-21.9	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	44
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	33.6	14.1	47.7	68.2	-20.5	Peak	Horizontal
*	10171.5	33.3	16.5	49.8	68.2	-18.4	Peak	Horizontal
	10877.0	33.2	18.8	52.0	74.0	-22.0	Peak	Horizontal
	11565.5	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
*	8820.0	33.0	13.9	46.9	68.2	-21.3	Peak	Vertical
*	10443.5	37.9	17.7	55.6	68.2	-12.6	Peak	Vertical
	11608.0	33.2	19.2	52.4	74.0	-21.6	Peak	Vertical
	12483.5	34.1	18.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	48
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	34.1	13.8	47.9	68.2	-20.3	Peak	Horizontal
*	10239.5	33.4	16.8	50.2	68.2	-18.0	Peak	Horizontal
	10919.5	33.6	18.9	52.5	74.0	-21.5	Peak	Horizontal
	11548.5	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
*	8752.0	32.2	13.8	46.0	68.2	-22.2	Peak	Vertical
*	10333.0	33.3	17.2	50.5	68.2	-17.7	Peak	Vertical
	11098.0	32.3	19.1	51.4	74.0	-22.6	Peak	Vertical
	11591.0	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	52
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	10299.0	32.2	17.1	49.3	68.2	-18.9	Peak	Horizontal
	11412.5	33.9	19.2	53.1	74.0	-20.9	Peak	Horizontal
	12398.5	33.5	18.4	51.9	74.0	-22.1	Peak	Horizontal
*	8743.5	33.3	13.8	47.1	68.2	-21.1	Peak	Vertical
*	9746.5	35.7	15.2	50.9	68.2	-17.3	Peak	Vertical
	11098.0	32.3	19.1	51.4	74.0	-22.6	Peak	Vertical
	12016.0	32.0	18.8	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	60
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	34.9	14.0	48.9	68.2	-19.3	Peak	Horizontal
*	10112.0	34.4	16.3	50.7	68.2	-17.5	Peak	Horizontal
	11251.0	32.7	19.2	51.9	74.0	-22.1	Peak	Horizontal
	12016.0	30.9	18.8	49.7	74.0	-24.3	Peak	Horizontal
*	8845.5	34.9	14.0	48.9	68.2	-19.3	Peak	Vertical
*	10112.0	34.4	16.3	50.7	68.2	-17.5	Peak	Vertical
	11251.0	32.7	19.2	51.9	74.0	-22.1	Peak	Vertical
	12016.0	30.9	18.8	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	64
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	35.3	13.6	48.9	68.2	-19.3	Peak	Horizontal
*	10282.0	33.5	17.0	50.5	68.2	-17.7	Peak	Horizontal
	11480.5	32.7	19.2	51.9	74.0	-22.1	Peak	Horizontal
	12364.5	32.9	18.4	51.3	74.0	-22.7	Peak	Horizontal
*	8743.5	34.1	13.8	47.9	68.2	-20.3	Peak	Vertical
*	9746.5	34.4	15.2	49.6	68.2	-18.6	Peak	Vertical
	11055.5	32.4	19.1	51.5	74.0	-22.5	Peak	Vertical
	11531.5	33.2	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	100
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	34.0	13.6	47.6	68.2	-20.6	Peak	Horizontal
*	10409.5	34.2	17.6	51.8	68.2	-16.4	Peak	Horizontal
	11506.0	33.2	19.2	52.4	74.0	-21.6	Peak	Horizontal
	12075.5	32.5	18.7	51.2	74.0	-22.8	Peak	Horizontal
*	8641.5	33.8	13.5	47.3	68.2	-20.9	Peak	Vertical
*	9653.0	34.6	15.0	49.6	68.2	-18.6	Peak	Vertical
	10996.0	33.8	19.1	52.9	74.0	-21.1	Peak	Vertical
	12152.0	33.1	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	120
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	9721.0	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
	11038.5	32.2	19.1	51.3	74.0	-22.7	Peak	Horizontal
	11608.0	33.0	19.2	52.2	74.0	-21.8	Peak	Horizontal
*	8675.5	34.4	13.6	48.0	68.2	-20.2	Peak	Vertical
*	10358.5	33.2	17.3	50.5	68.2	-17.7	Peak	Vertical
	10902.5	34.3	18.9	53.2	74.0	-20.8	Peak	Vertical
	11659.0	32.9	19.1	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	140
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
*	10018.5	33.7	15.8	49.5	68.2	-18.7	Peak	Horizontal
	10953.5	32.7	19.0	51.7	74.0	-22.3	Peak	Horizontal
	11489.0	33.0	19.2	52.2	74.0	-21.8	Peak	Horizontal
*	8607.5	35.5	13.4	48.9	68.2	-19.3	Peak	Vertical
*	9704.0	35.0	15.1	50.1	68.2	-18.1	Peak	Vertical
	10970.5	33.2	19.0	52.2	74.0	-21.8	Peak	Vertical
	11633.5	32.5	19.1	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	144
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	34.9	13.5	48.4	68.2	-19.8	Peak	Horizontal
*	10486.0	33.6	17.9	51.5	68.2	-16.7	Peak	Horizontal
	11251.0	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
	12067.0	33.3	18.8	52.1	74.0	-21.9	Peak	Horizontal
*	8769.0	33.1	13.8	46.9	68.2	-21.3	Peak	Vertical
*	10035.5	34.2	15.9	50.1	68.2	-18.1	Peak	Vertical
	10877.0	32.6	18.8	51.4	74.0	-22.6	Peak	Vertical
	11599.5	33.5	19.2	52.7	74.0	-21.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	149
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	35.4	13.6	49.0	68.2	-19.2	Peak	Horizontal
*	10307.5	34.0	17.1	51.1	68.2	-17.1	Peak	Horizontal
	11506.0	33.6	19.2	52.8	74.0	-21.2	Peak	Horizontal
	12220.0	34.0	18.6	52.6	74.0	-21.4	Peak	Horizontal
*	8752.0	33.0	13.8	46.8	68.2	-21.4	Peak	Vertical
*	10154.5	33.4	16.4	49.8	68.2	-18.4	Peak	Vertical
	10877.0	32.6	18.8	51.4	74.0	-22.6	Peak	Vertical
	11480.5	35.9	17.7	53.6	74.0	-20.4	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	157
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	33.8	13.9	47.7	68.2	-20.5	Peak	Horizontal
*	9755.0	34.6	15.2	49.8	68.2	-18.4	Peak	Horizontal
	10979.0	33.0	19.0	52.0	74.0	-22.0	Peak	Horizontal
	11659.0	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
*	8684.0	34.1	13.6	47.7	68.2	-20.5	Peak	Vertical
*	10129.0	34.2	16.3	50.5	68.2	-17.7	Peak	Vertical
	11565.5	35.1	19.2	54.3	74.0	-19.7	Peak	Vertical
	11565.5	23.7	19.2	42.9	54.0	-11.1	Average	Vertical
	12305.0	33.2	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE20	Test Channel	165
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	34.5	13.8	48.3	68.2	-19.9	Peak	Horizontal
*	10231.0	33.4	16.8	50.2	68.2	-18.0	Peak	Horizontal
	10894.0	33.5	18.8	52.3	74.0	-21.7	Peak	Horizontal
	11676.0	33.5	19.1	52.6	74.0	-21.4	Peak	Horizontal
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Vertical
	10775.0	32.3	18.6	50.9	74.0	-23.1	Peak	Vertical
	12126.5	33.2	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	38
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	33.7	13.5	47.2	68.2	-21.0	Peak	Horizontal
*	10146.0	33.9	16.4	50.3	68.2	-17.9	Peak	Horizontal
	10945.0	33.6	19.0	52.6	74.0	-21.4	Peak	Horizontal
	11599.5	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
*	8794.5	33.7	13.9	47.6	68.2	-20.6	Peak	Vertical
*	10367.0	36.9	17.4	54.3	68.2	-13.9	Peak	Vertical
	11506.0	33.2	19.2	52.4	74.0	-21.6	Peak	Vertical
	12313.5	32.9	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	46
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	33.6	14.1	47.7	68.2	-20.5	Peak	Horizontal
*	10248.0	33.6	16.9	50.5	68.2	-17.7	Peak	Horizontal
	10851.5	33.2	18.7	51.9	74.0	-22.1	Peak	Horizontal
	11676.0	33.4	19.1	52.5	74.0	-21.5	Peak	Horizontal
*	8718.0	33.9	13.7	47.6	68.2	-20.6	Peak	Vertical
*	9806.0	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
	10851.5	33.0	18.7	51.7	74.0	-22.3	Peak	Vertical
	11523.0	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	54
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	33.9	14.0	47.9	68.2	-20.3	Peak	Horizontal
*	9840.0	34.9	15.4	50.3	68.2	-17.9	Peak	Horizontal
	10970.5	33.1	19.0	52.1	74.0	-21.9	Peak	Horizontal
	11557.0	33.4	19.2	52.6	74.0	-21.4	Peak	Horizontal
*	8692.5	35.0	13.6	48.6	68.2	-19.6	Peak	Vertical
*	10027.0	32.4	15.9	48.3	68.2	-19.9	Peak	Vertical
	11038.5	33.2	19.1	52.3	74.0	-21.7	Peak	Vertical
	12126.5	33.2	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	62
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	35.0	13.6	48.6	68.2	-19.6	Peak	Horizontal
*	10435.0	33.6	17.7	51.3	68.2	-16.9	Peak	Horizontal
	10826.0	33.4	18.7	52.1	74.0	-21.9	Peak	Horizontal
	12067.0	33.5	18.8	52.3	74.0	-21.7	Peak	Horizontal
*	8624.5	34.6	13.5	48.1	68.2	-20.1	Peak	Vertical
*	10350.0	33.6	17.3	50.9	68.2	-17.3	Peak	Vertical
	10885.5	33.0	18.8	51.8	74.0	-22.2	Peak	Vertical
	11472.0	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	102
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	34.3	13.5	47.8	68.2	-20.4	Peak	Horizontal
*	10239.5	34.0	16.8	50.8	68.2	-17.4	Peak	Horizontal
	10911.0	33.4	18.9	52.3	74.0	-21.7	Peak	Horizontal
	11616.5	33.7	19.2	52.9	74.0	-21.1	Peak	Horizontal
*	8675.5	34.1	13.6	47.7	68.2	-20.5	Peak	Vertical
*	10069.5	34.0	16.1	50.1	68.2	-18.1	Peak	Vertical
	10936.5	34.0	18.9	52.9	74.0	-21.1	Peak	Vertical
	12126.5	33.5	18.7	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	118
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	34.3	13.6	47.9	68.2	-20.3	Peak	Horizontal
*	10426.5	33.2	17.6	50.8	68.2	-17.4	Peak	Horizontal
	10987.5	33.2	19.1	52.3	74.0	-21.7	Peak	Horizontal
	11489.0	32.6	19.2	51.8	74.0	-22.2	Peak	Horizontal
*	8820.0	33.8	13.9	47.7	68.2	-20.5	Peak	Vertical
*	10299.0	33.3	17.1	50.4	68.2	-17.8	Peak	Vertical
	11038.5	33.3	19.1	52.4	74.0	-21.6	Peak	Vertical
	12160.5	33.3	18.7	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	134
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	9687.0	35.0	15.0	50.0	68.2	-18.2	Peak	Horizontal
	10894.0	33.3	18.8	52.1	74.0	-21.9	Peak	Horizontal
	11616.5	32.8	19.2	52.0	74.0	-22.0	Peak	Horizontal
*	8879.5	33.7	14.1	47.8	68.2	-20.4	Peak	Vertical
*	10511.5	33.6	18.0	51.6	68.2	-16.6	Peak	Vertical
	11574.0	32.5	19.2	51.7	74.0	-22.3	Peak	Vertical
	12109.5	33.3	18.7	52.0	74.0	-22.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	142
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	35.2	13.5	48.7	68.2	-19.5	Peak	Horizontal
*	10095.0	34.1	16.2	50.3	68.2	-17.9	Peak	Horizontal
	10902.5	33.3	18.9	52.2	74.0	-21.8	Peak	Horizontal
	11659.0	33.3	19.1	52.4	74.0	-21.6	Peak	Horizontal
*	8701.0	33.7	13.6	47.3	68.2	-20.9	Peak	Vertical
*	10375.5	33.4	17.4	50.8	68.2	-17.4	Peak	Vertical
	11497.5	32.7	19.2	51.9	74.0	-22.1	Peak	Vertical
	12466.5	33.1	18.3	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	151
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	35.0	13.5	48.5	68.2	-19.7	Peak	Horizontal
*	10137.5	34.2	16.4	50.6	68.2	-17.6	Peak	Horizontal
	11506.0	34.1	19.2	53.3	74.0	-20.7	Peak	Horizontal
	12373.0	33.6	18.4	52.0	74.0	-22.0	Peak	Horizontal
*	8820.0	34.0	13.9	47.9	68.2	-20.3	Peak	Vertical
*	10137.5	33.8	16.4	50.2	68.2	-18.0	Peak	Vertical
	11514.5	34.5	19.2	53.7	74.0	-20.3	Peak	Vertical
	12322.0	33.2	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE40	Test Channel	159
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8607.5	34.7	13.4	48.1	68.2	-20.1	Peak	Horizontal
*	10120.5	33.9	16.3	50.2	68.2	-18.0	Peak	Horizontal
	10894.0	33.2	18.8	52.0	74.0	-22.0	Peak	Horizontal
	12075.5	32.9	18.7	51.6	74.0	-22.4	Peak	Horizontal
*	8616.0	34.2	13.4	47.6	68.2	-20.6	Peak	Vertical
*	9882.5	34.0	15.5	49.5	68.2	-18.7	Peak	Vertical
	10928.0	33.1	18.9	52.0	74.0	-22.0	Peak	Vertical
	11582.5	33.1	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	42
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	33.7	13.8	47.5	68.2	-20.7	Peak	Horizontal
*	9729.5	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
	10843.0	32.9	18.7	51.6	74.0	-22.4	Peak	Horizontal
	11531.5	33.6	19.2	52.8	74.0	-21.2	Peak	Horizontal
*	8718.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	9780.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical
	10970.5	32.9	19.0	51.9	74.0	-22.1	Peak	Vertical
	11497.5	32.6	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	58
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8641.5	34.7	13.5	48.2	68.2	-20.0	Peak	Horizontal
*	10163.0	33.4	16.5	49.9	68.2	-18.3	Peak	Horizontal
	10775.0	32.8	18.6	51.4	74.0	-22.6	Peak	Horizontal
	12228.5	32.8	18.6	51.4	74.0	-22.6	Peak	Horizontal
*	8845.5	33.6	14.0	47.6	68.2	-20.6	Peak	Vertical
*	10265.0	33.7	16.9	50.6	68.2	-17.6	Peak	Vertical
	11030.0	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	11599.5	33.2	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	106
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8871.0	32.8	14.1	46.9	68.2	-21.3	Peak	Horizontal
*	9729.5	34.5	15.1	49.6	68.2	-18.6	Peak	Horizontal
	10843.0	32.1	18.7	50.8	74.0	-23.2	Peak	Horizontal
	11565.5	33.8	19.2	53.0	74.0	-21.0	Peak	Horizontal
*	8752.0	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	10426.5	32.8	17.6	50.4	68.2	-17.8	Peak	Vertical
	11055.5	32.9	19.1	52.0	74.0	-22.0	Peak	Vertical
	11676.0	33.3	19.1	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	122
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10375.5	33.3	17.4	50.7	68.2	-17.5	Peak	Horizontal
	10987.5	33.0	19.1	52.1	74.0	-21.9	Peak	Horizontal
	11557.0	33.1	19.2	52.3	74.0	-21.7	Peak	Horizontal
*	8862.5	34.2	14.0	48.2	68.2	-20.0	Peak	Vertical
*	10163.0	34.0	16.5	50.5	68.2	-17.7	Peak	Vertical
	11455.0	33.5	19.2	52.7	74.0	-21.3	Peak	Vertical
	12279.5	32.8	18.5	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	134
Note	3. Average measurement was not performed if peak level lower than average limit. 4. 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
*	8871.0	32.6	14.1	46.7	68.2	-21.5	Peak	Horizontal
*	10273.5	33.5	17.0	50.5	68.2	-17.7	Peak	Horizontal
	11123.5	32.9	19.1	52.0	74.0	-22.0	Peak	Horizontal
	11599.5	33.3	19.2	52.5	74.0	-21.5	Peak	Horizontal
*	8675.5	33.4	13.6	47.0	68.2	-21.2	Peak	Vertical
*	10265.0	34.3	16.9	51.2	68.2	-17.0	Peak	Vertical
	10894.0	33.4	18.8	52.2	74.0	-21.8	Peak	Vertical
	11616.5	32.5	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE80	Test Channel	155
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	32.8	13.6	46.4	68.2	-21.8	Peak	Horizontal
*	10129.0	33.0	16.3	49.3	68.2	-18.9	Peak	Horizontal
	10868.5	32.7	18.8	51.5	74.0	-22.5	Peak	Horizontal
	11973.5	33.1	18.8	51.9	74.0	-22.1	Peak	Horizontal
*	8599.0	34.5	13.4	47.9	68.2	-20.3	Peak	Vertical
*	10324.5	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical
	10775.0	31.7	18.6	50.3	74.0	-23.7	Peak	Vertical
	11582.5	33.0	19.2	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE160	Test Channel	50
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	34.5	13.6	48.1	68.2	-20.1	Peak	Horizontal
*	10265.0	33.6	16.9	50.5	68.2	-17.7	Peak	Horizontal
	10936.5	33.2	18.9	52.1	74.0	-21.9	Peak	Horizontal
	12050.0	32.9	18.8	51.7	74.0	-22.3	Peak	Horizontal
*	8718.0	34.7	13.7	48.4	68.2	-19.8	Peak	Vertical
*	10341.5	33.6	17.3	50.9	68.2	-17.3	Peak	Vertical
	10885.5	33.3	18.8	52.1	74.0	-21.9	Peak	Vertical
	11752.5	33.2	19.0	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	AX3000 Gigabit Wi-Fi 6 Router	Temperature	25°C
Test Engineer	Kevin Ker	Relative Humidity	52 %
Test Site	AC1	Test Date	2019/05/14
Test Mode	802.11ax-HE160	Test Channel	114
Note	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	34.0	13.8	47.8	68.2	-20.4	Peak	Horizontal
*	9780.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
	10885.5	33.9	18.8	52.7	74.0	-21.3	Peak	Horizontal
	11667.5	33.0	19.1	52.1	74.0	-21.9	Peak	Horizontal
*	8684.0	34.2	13.6	47.8	68.2	-20.4	Peak	Vertical
*	10163.0	33.9	16.5	50.4	68.2	-17.8	Peak	Vertical
	11106.5	32.6	19.1	51.7	74.0	-22.3	Peak	Vertical
	12220.0	33.8	18.6	52.4	74.0	-21.6	Peak	Vertical

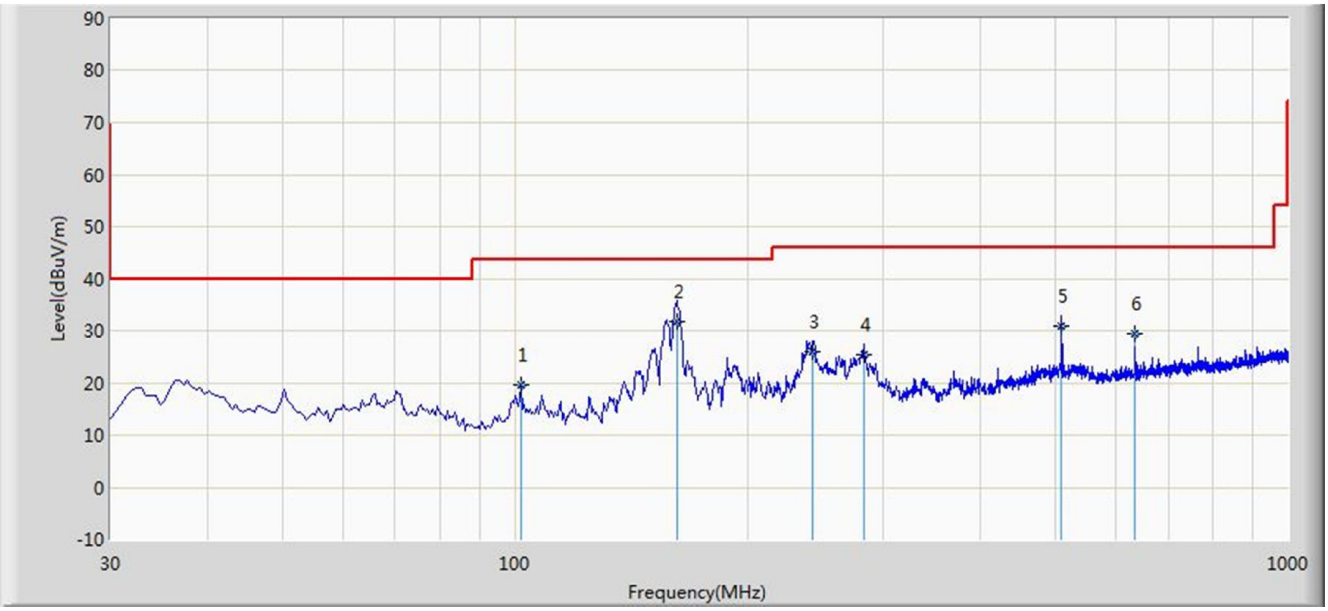
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/05/24 - 09:33
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



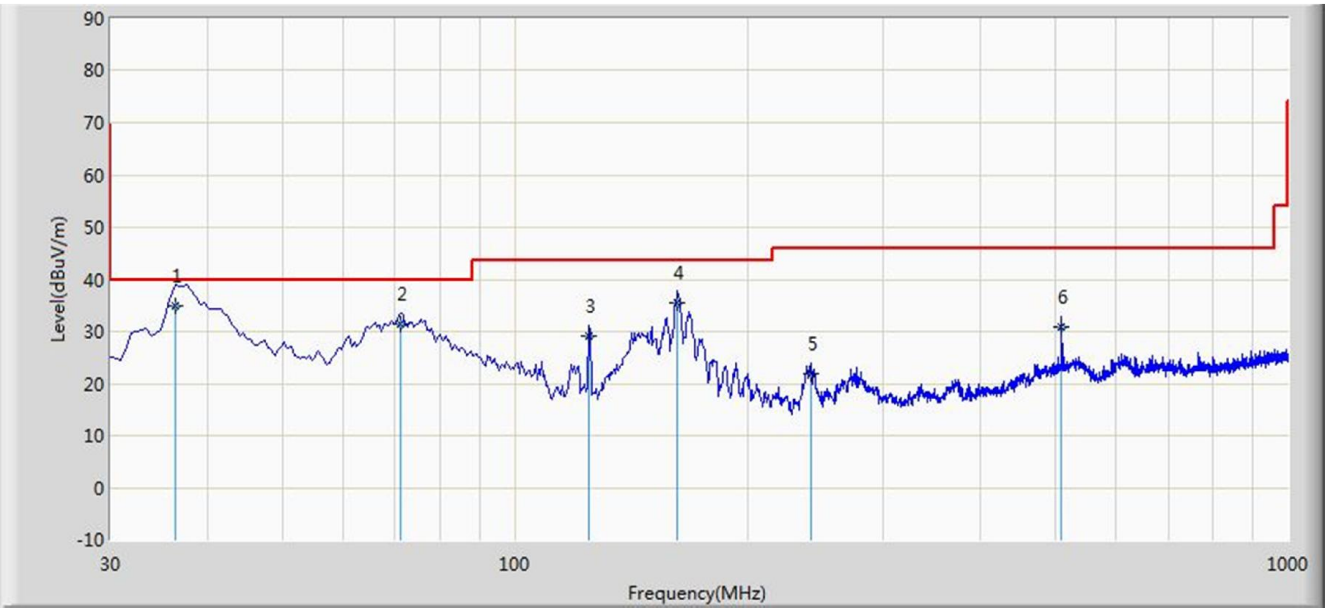
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			101.780	19.525	0.360	-23.975	43.500	19.165	QP
2		*	161.920	31.654	15.470	-11.846	43.500	16.184	QP
3			242.915	26.009	5.980	-19.991	46.000	20.029	QP
4			282.685	25.436	4.438	-20.564	46.000	20.998	QP
5			510.150	30.922	4.803	-15.078	46.000	26.119	QP
6			635.280	29.422	1.250	-16.578	46.000	28.172	QP

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

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

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

Site: AC1	Time: 2019/05/24 - 09:34
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	36.305	35.015	15.615	-4.985	40.000	19.400	QP
2			71.225	31.482	16.021	-8.518	40.000	15.460	QP
3			124.575	29.044	11.814	-14.456	43.500	17.230	QP
4			162.045	35.388	19.200	-8.112	43.500	16.188	QP
5			241.945	21.979	1.993	-24.021	46.000	19.987	QP
6			510.150	30.817	4.698	-15.183	46.000	26.119	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 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

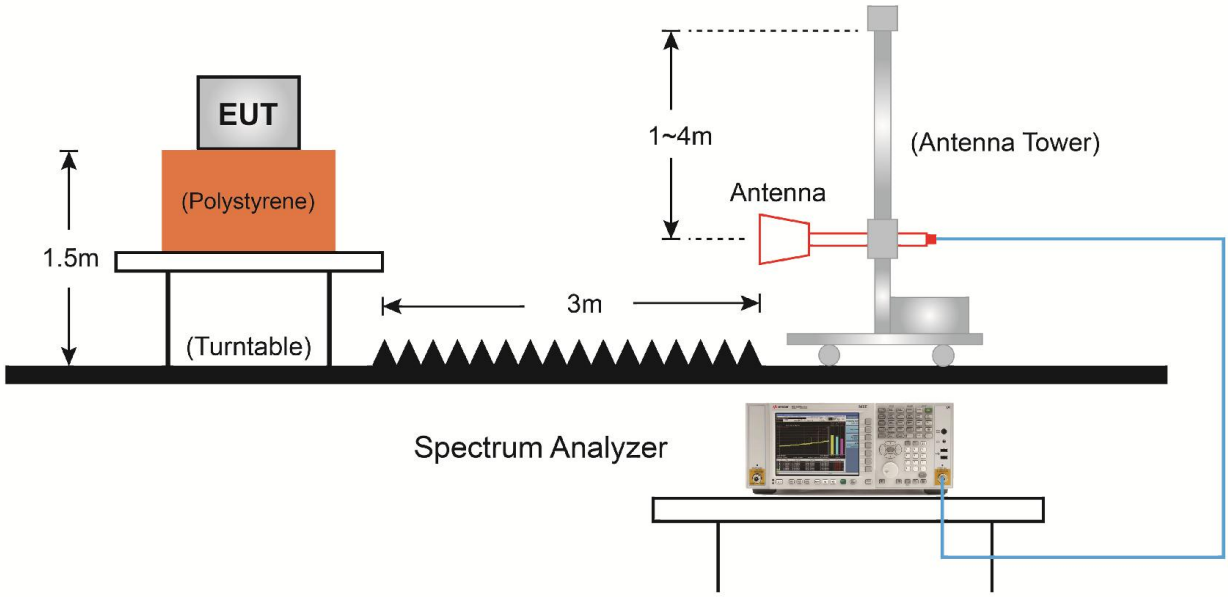
Peak Measurements above 1GHz

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)

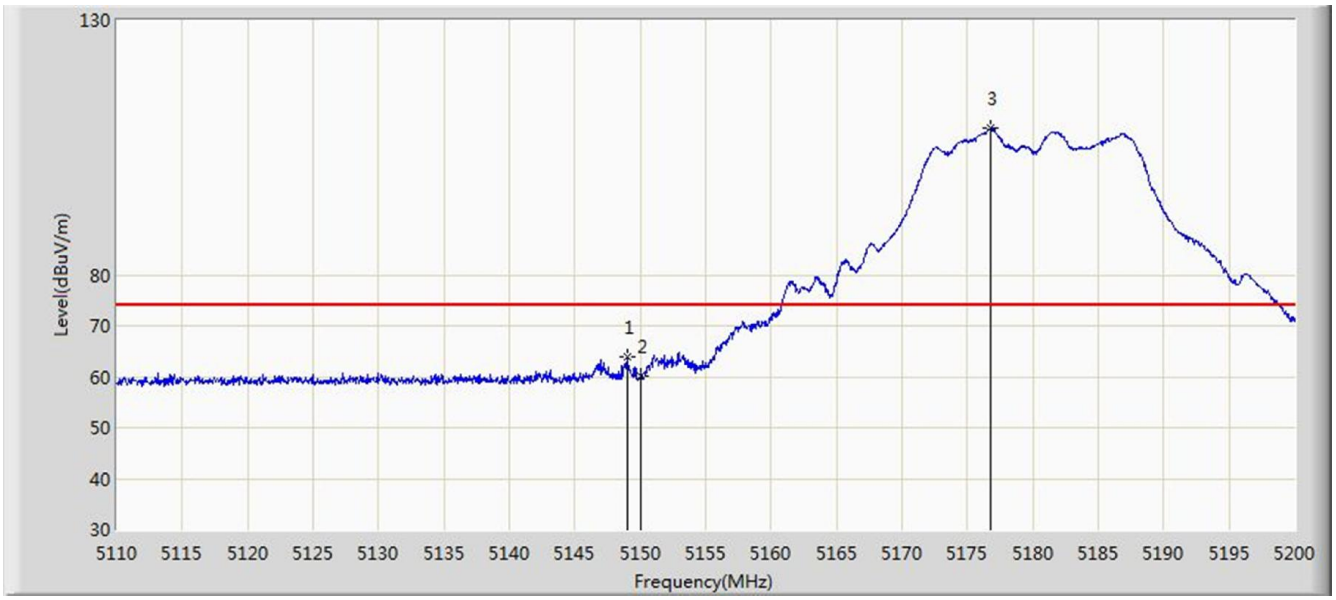
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW ≤ RBW/100 (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is < 98%, set VBW ≥ 1/T.
4. Detector = Peak
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: 2019/04/30 - 05:23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	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)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.015	64.019	60.144	-9.981	74.000	3.875	PK
2			5150.000	60.178	56.302	-13.822	74.000	3.876	PK
3		*	5176.735	108.768	104.869	N/A	N/A	3.899	PK

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

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

Site: AC1	Time: 2019/04/30 - 05:25
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	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)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.305	46.996	43.123	-7.004	54.000	3.873	AV
2			5150.000	46.504	42.628	-7.496	54.000	3.876	AV
3		*	5176.600	97.815	93.917	N/A	N/A	3.898	AV

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

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

Site: AC1	Time: 2019/04/30 - 05:22
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	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)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	69.268	65.393	-4.732	74.000	3.875	PK
2			5150.000	64.381	60.505	-9.619	74.000	3.876	PK
3		*	5176.780	116.816	112.917	N/A	N/A	3.899	PK

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

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

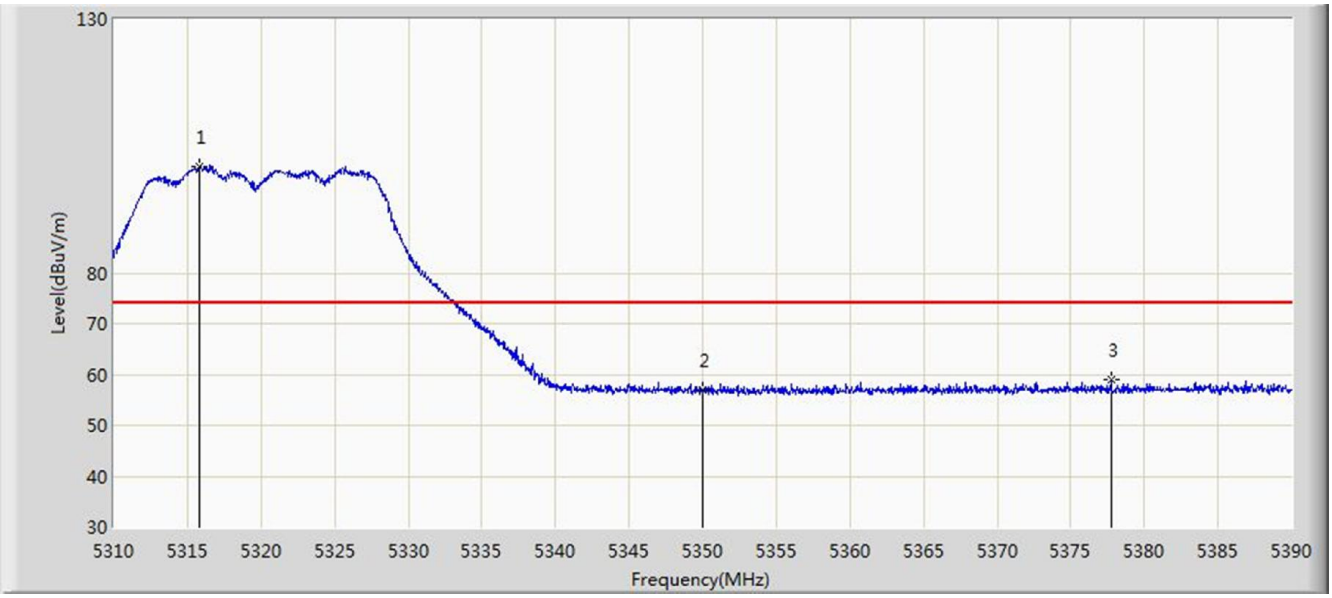
Site: AC1	Time: 2019/04/30 - 05:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.900	50.086	46.213	-3.914	54.000	3.873	AV
2			5150.000	48.891	45.015	-5.109	54.000	3.876	AV
3		*	5176.735	106.176	102.277	N/A	N/A	3.899	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

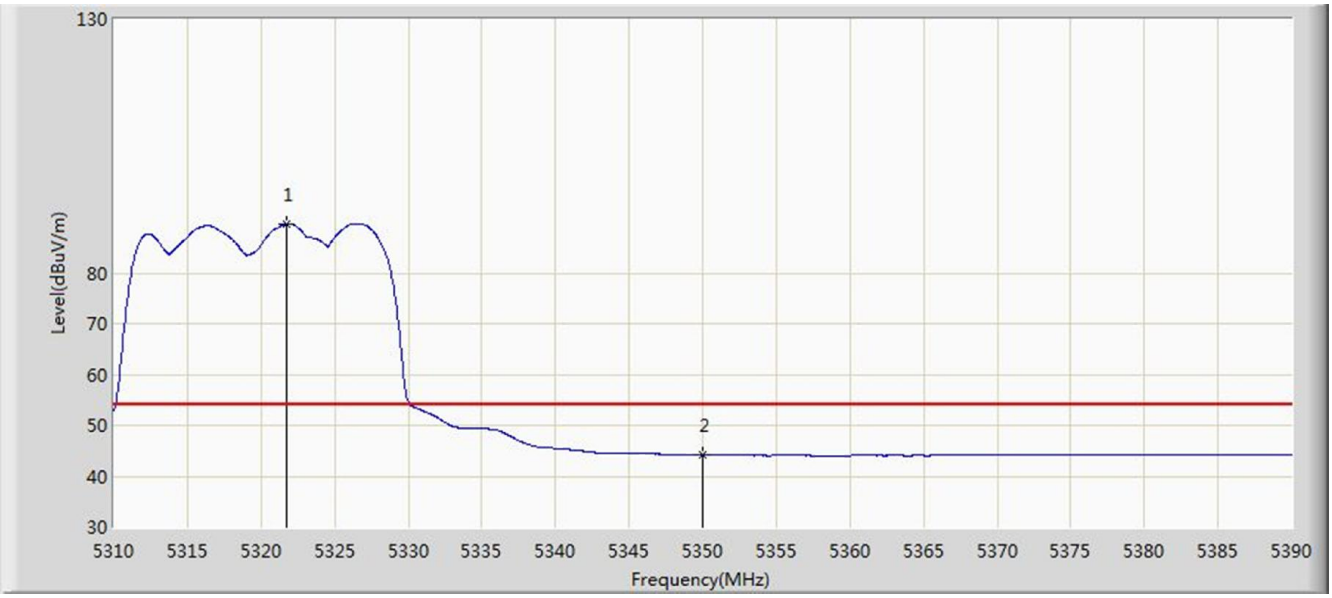


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.800	101.011	96.996	N/A	N/A	4.015	PK
2			5350.000	56.823	52.779	-17.177	74.000	4.044	PK
3			5377.760	58.872	54.805	-15.128	74.000	4.067	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:21
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

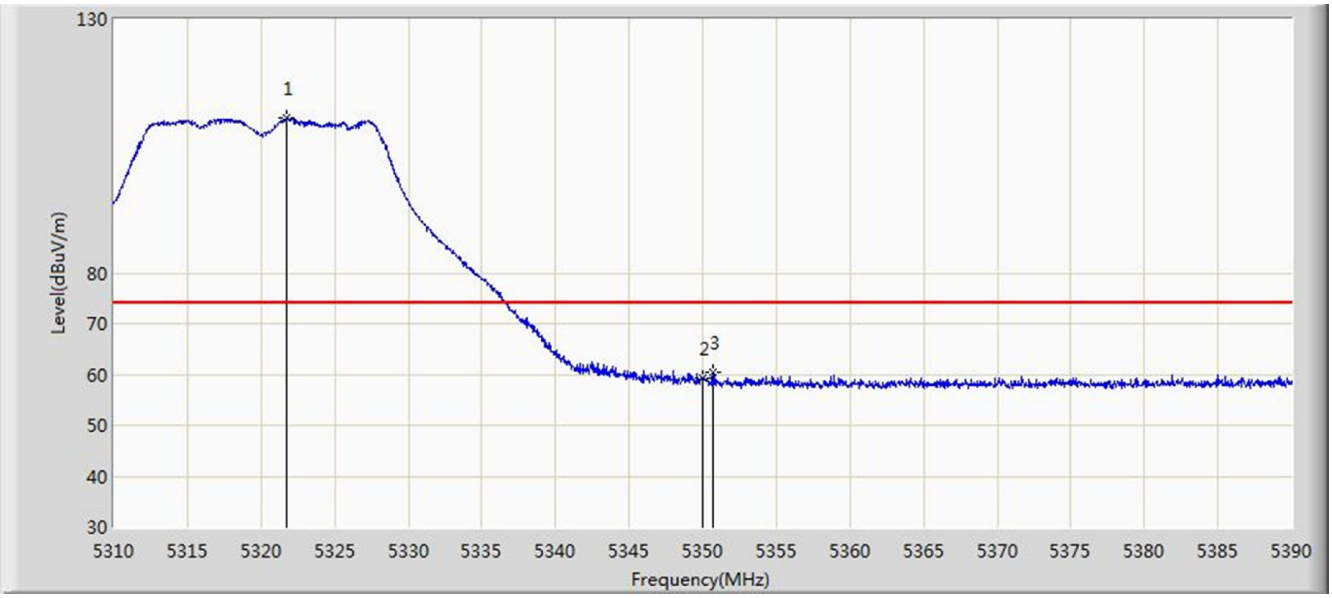


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.720	89.788	85.768	N/A	N/A	4.020	AV
2			5350.000	44.172	40.128	-9.828	54.000	4.044	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:22
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	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)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.760	110.637	106.617	N/A	N/A	4.020	PK
2			5350.000	59.419	55.375	-14.581	74.000	4.044	PK
3			5350.680	60.350	56.305	-13.650	74.000	4.045	PK

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

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

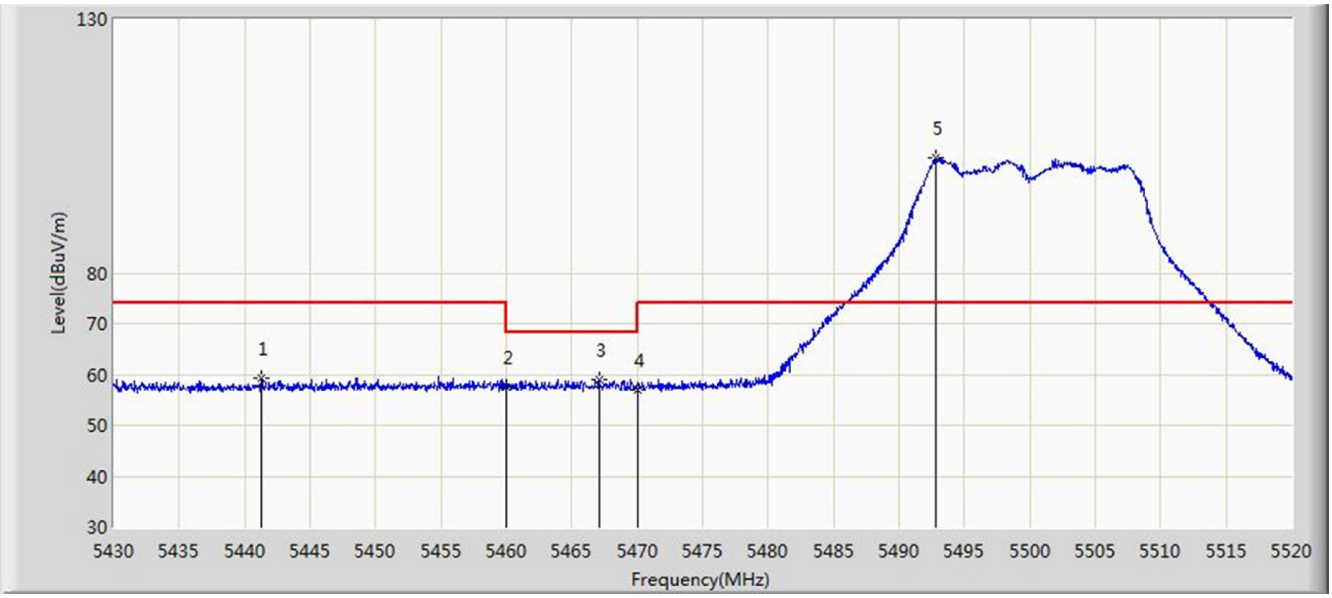
Site: AC1	Time: 2019/05/09 - 00:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.800	100.353	96.339	N/A	N/A	4.014	AV
2			5350.000	46.027	41.983	-7.973	54.000	4.044	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

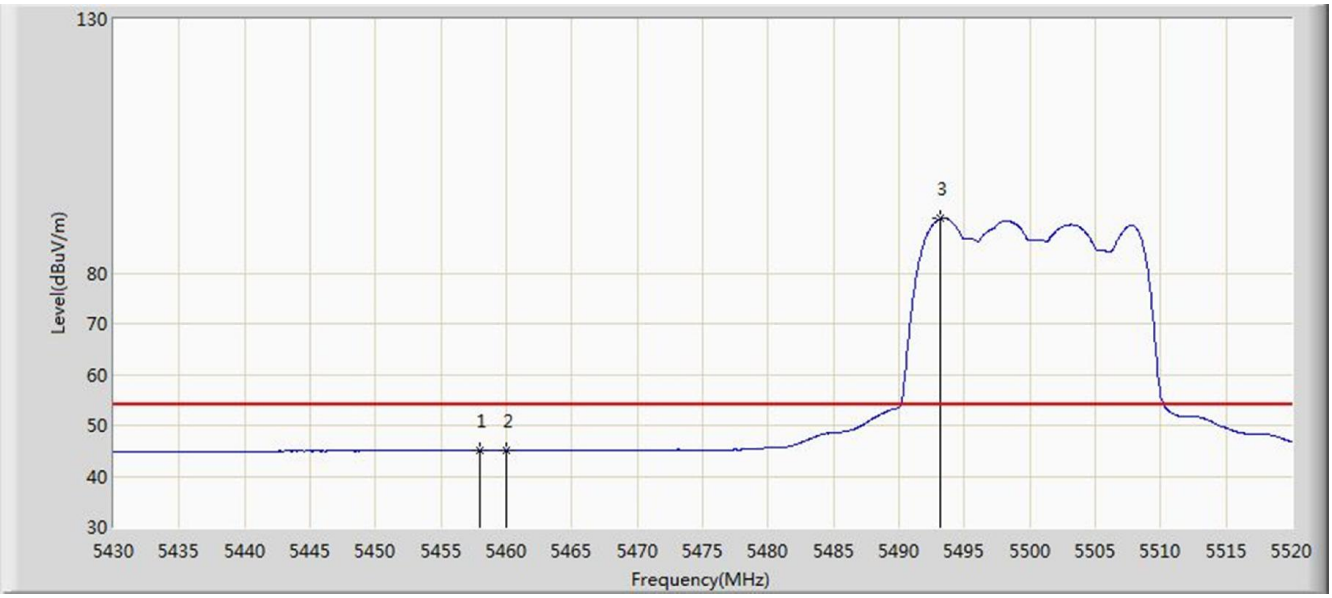


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5441.250	59.334	55.214	-14.666	74.000	4.120	PK
2			5460.000	57.668	53.532	-16.332	74.000	4.136	PK
3			5467.080	59.096	54.954	-9.104	68.200	4.142	PK
4			5470.000	56.940	52.796	-11.260	68.200	4.144	PK
5		*	5492.775	102.612	98.443	N/A	N/A	4.168	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:28
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

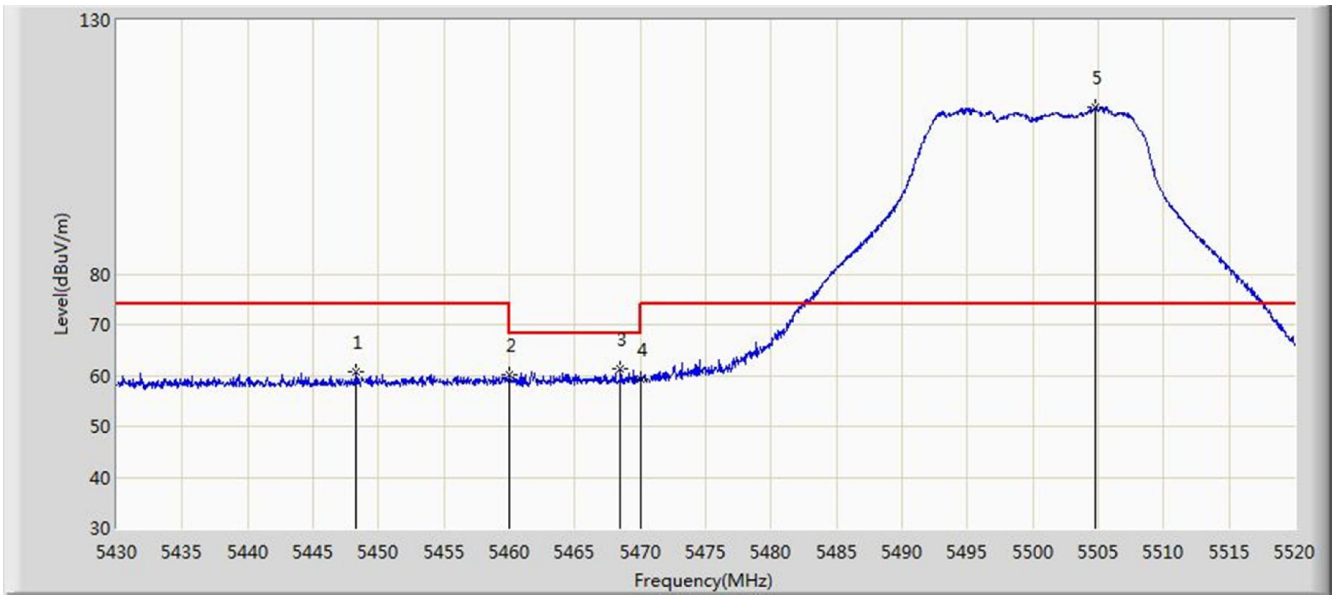


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.990	45.063	40.929	-8.937	54.000	4.134	AV
2			5460.000	45.034	40.898	-8.966	54.000	4.136	AV
3		*	5493.135	90.750	86.581	N/A	N/A	4.169	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

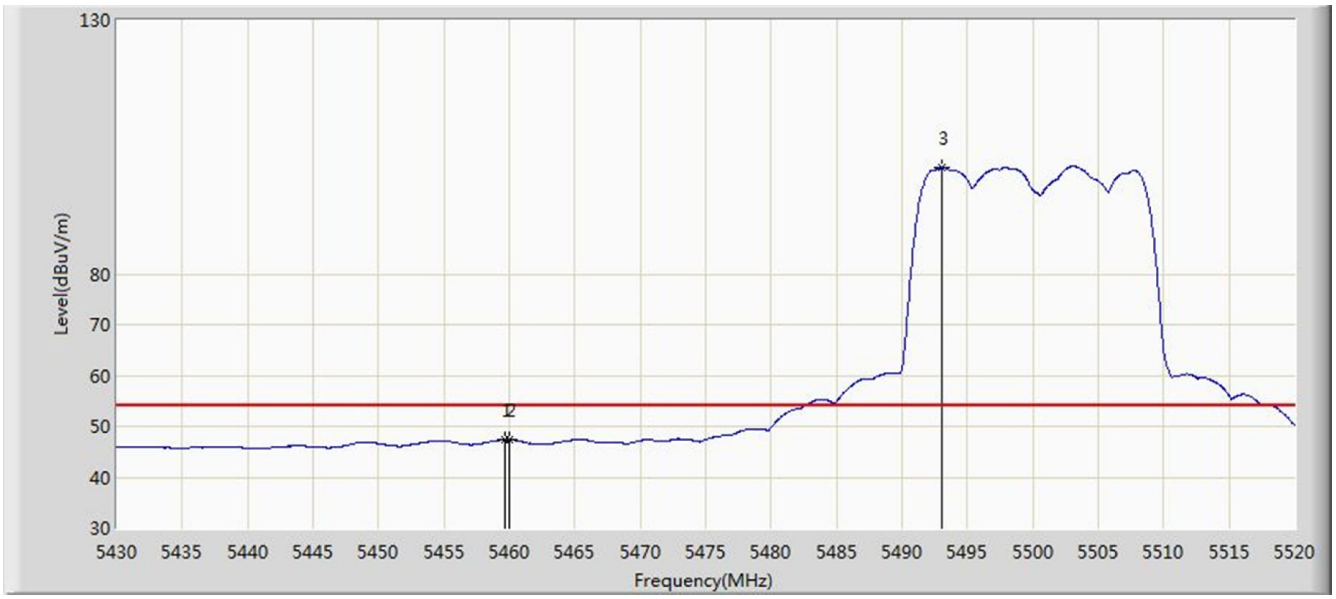


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5448.315	60.629	54.013	-13.371	74.000	6.616	PK
2			5460.000	60.139	53.527	-13.861	74.000	6.612	PK
3			5468.475	61.371	54.797	-6.829	68.200	6.574	PK
4			5470.000	59.163	52.596	-9.037	68.200	6.567	PK
5		*	5504.790	112.826	106.084	N/A	N/A	6.743	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:31
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz	

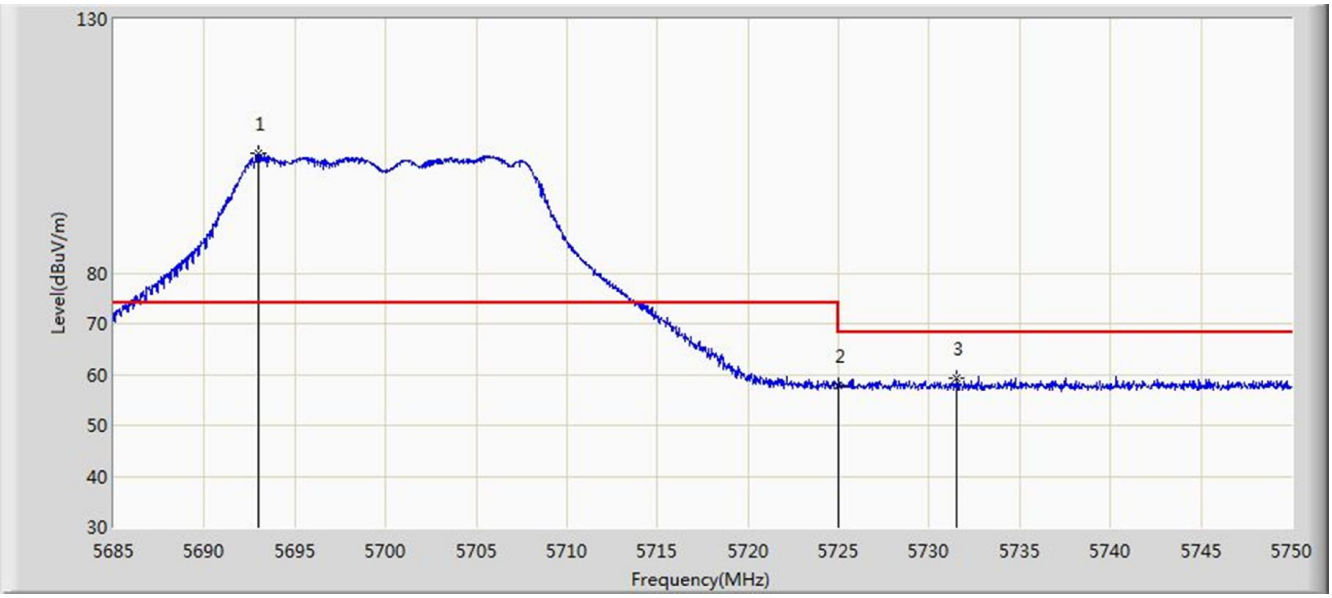


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.655	47.365	43.229	-6.635	54.000	4.136	AV
2			5460.000	47.308	43.172	-6.692	54.000	4.136	AV
3		*	5493.000	100.969	96.800	N/A	N/A	4.168	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:32
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

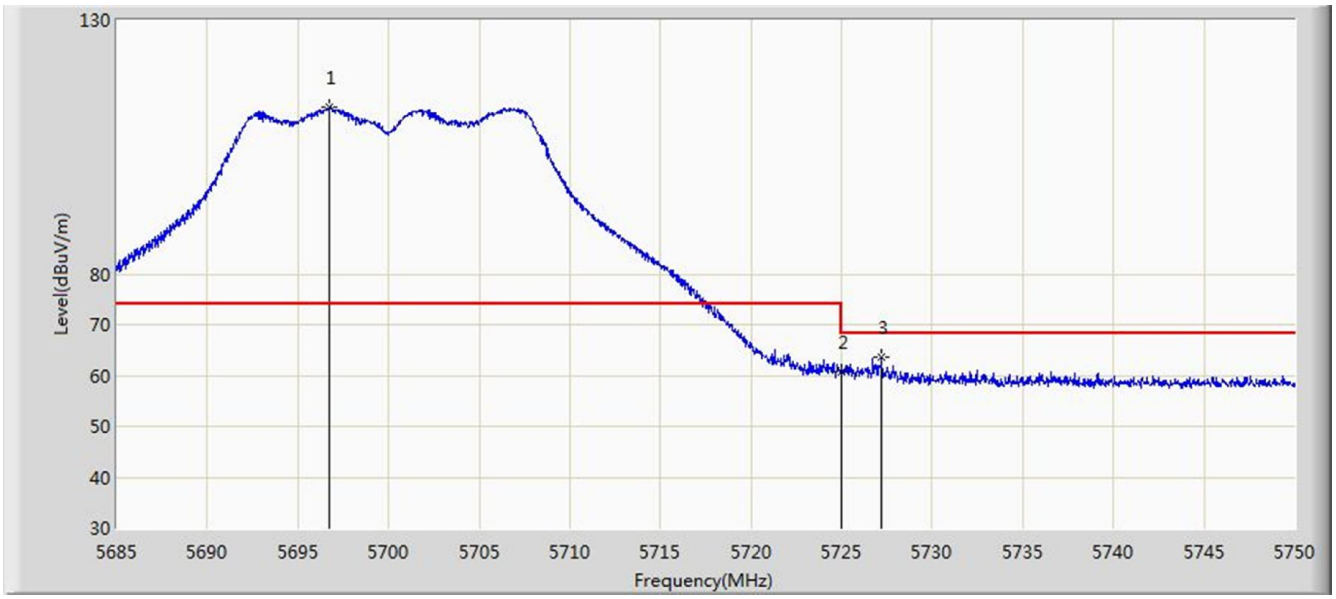


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.962	103.567	98.656	N/A	N/A	4.911	PK
2			5725.000	57.913	52.879	-10.287	68.200	5.034	PK
3			5731.507	59.377	54.318	-8.823	68.200	5.059	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:36
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz	

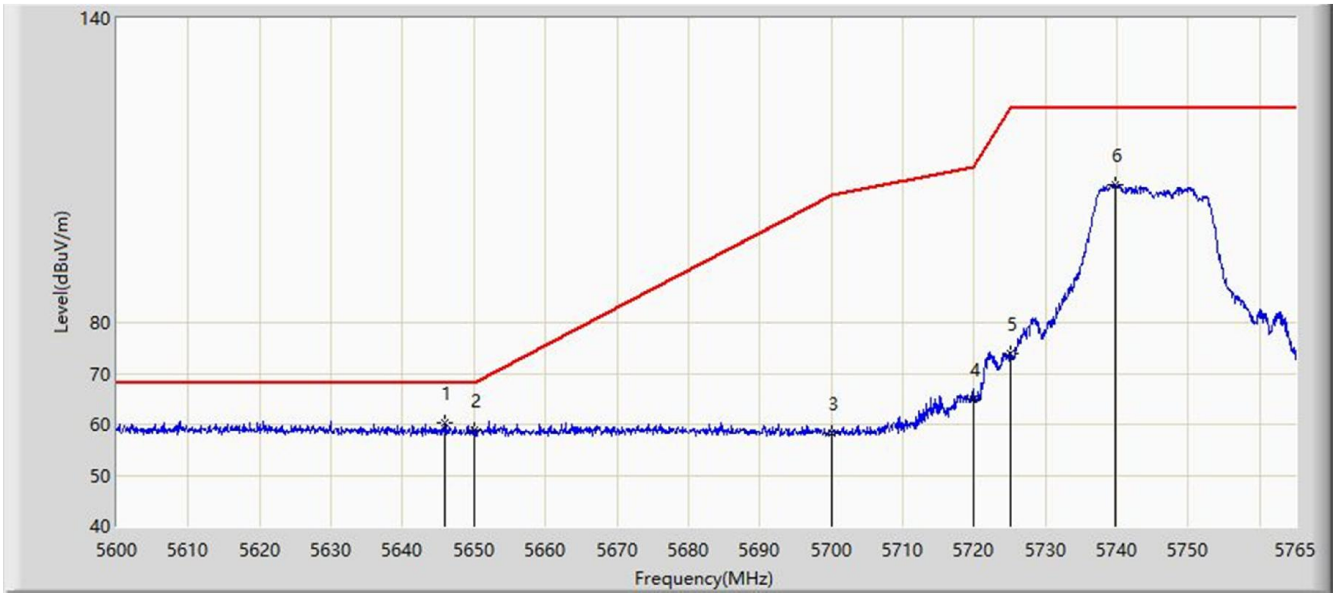


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.765	112.827	107.901	N/A	N/A	4.925	PK
2			5725.000	60.623	55.589	-7.577	68.200	5.034	PK
3			5727.185	63.667	58.625	-4.533	68.200	5.042	PK

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

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

Site: AC1	Time: 2019/05/24 - 18:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

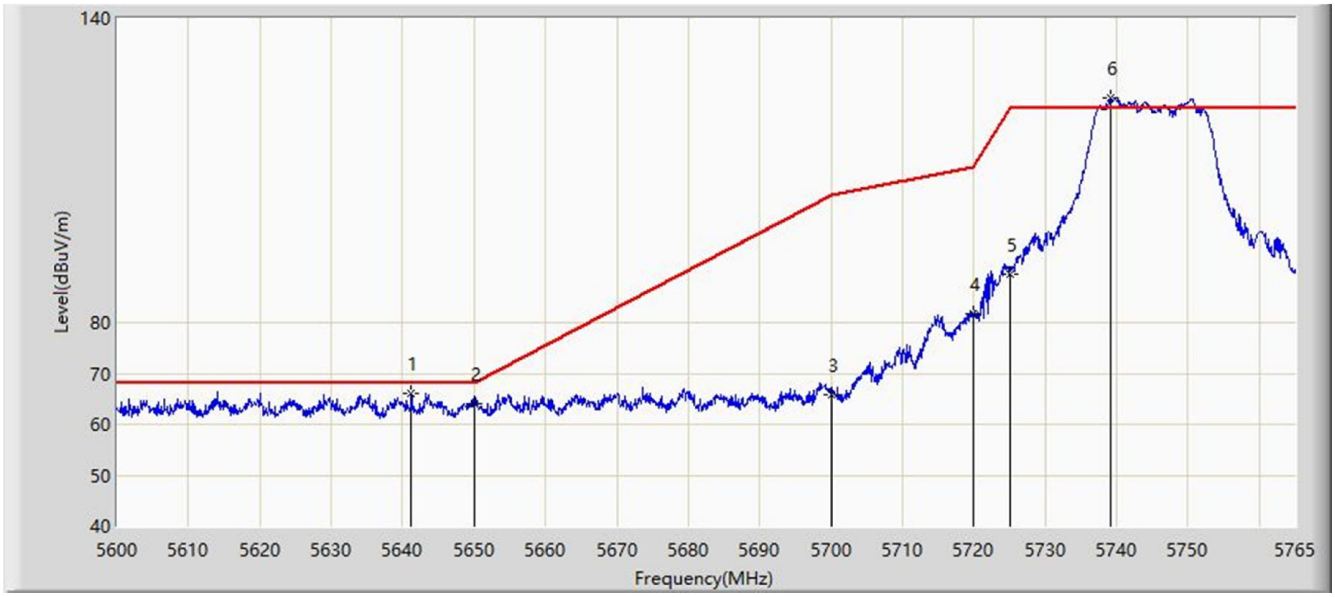


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5645.870	60.431	55.701	-7.769	68.200	4.731	PK
2			5650.000	58.800	54.054	-9.400	68.200	4.746	PK
3			5700.000	58.402	53.464	-46.798	105.200	4.938	PK
4			5720.000	64.820	59.805	-45.980	110.800	5.015	PK
5			5725.000	74.011	68.977	-48.189	122.200	5.034	PK
6			5739.755	107.262	102.172	N/A	N/A	5.090	PK

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

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

Site: AC1	Time: 2019/05/24 - 18:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	

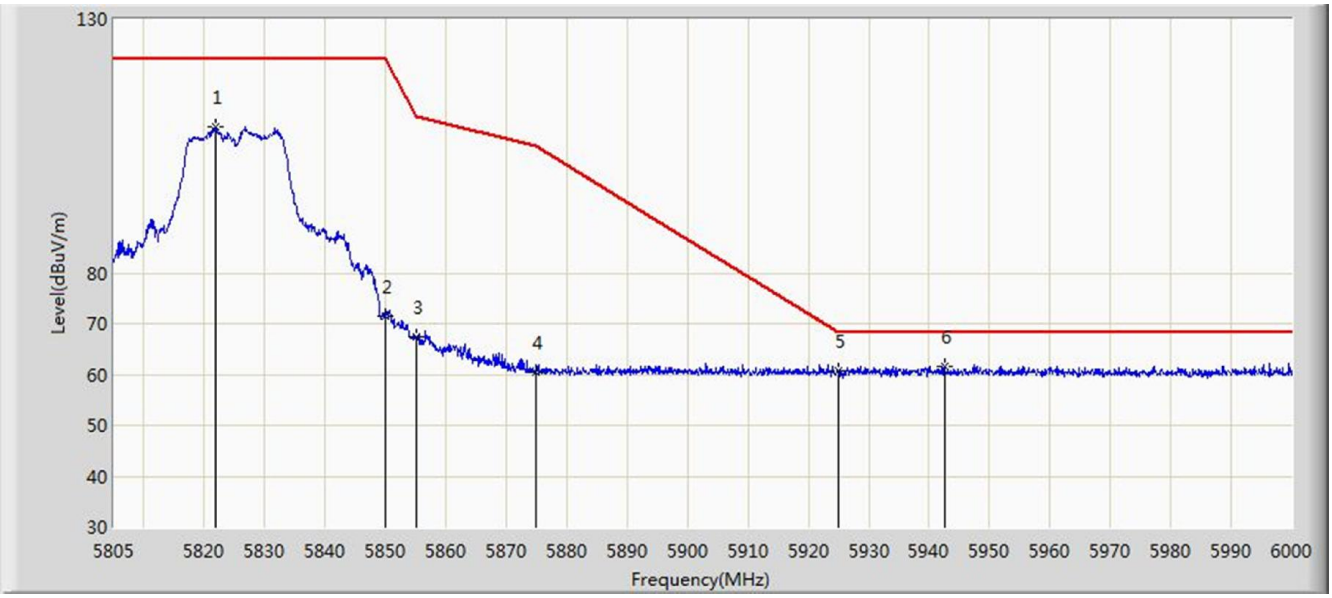


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.167	66.080	61.368	-2.120	68.200	4.712	PK
2			5650.000	64.046	59.300	-4.154	68.200	4.746	PK
3			5700.000	65.872	60.934	-39.328	105.200	4.938	PK
4			5720.000	81.826	76.811	-28.974	110.800	5.015	PK
5			5725.000	89.577	84.543	-32.623	122.200	5.034	PK
6		*	5739.178	124.312	119.224	N/A	N/A	5.088	PK

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

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

Site: AC1	Time: 2019/04/30 - 05:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 582MHz	

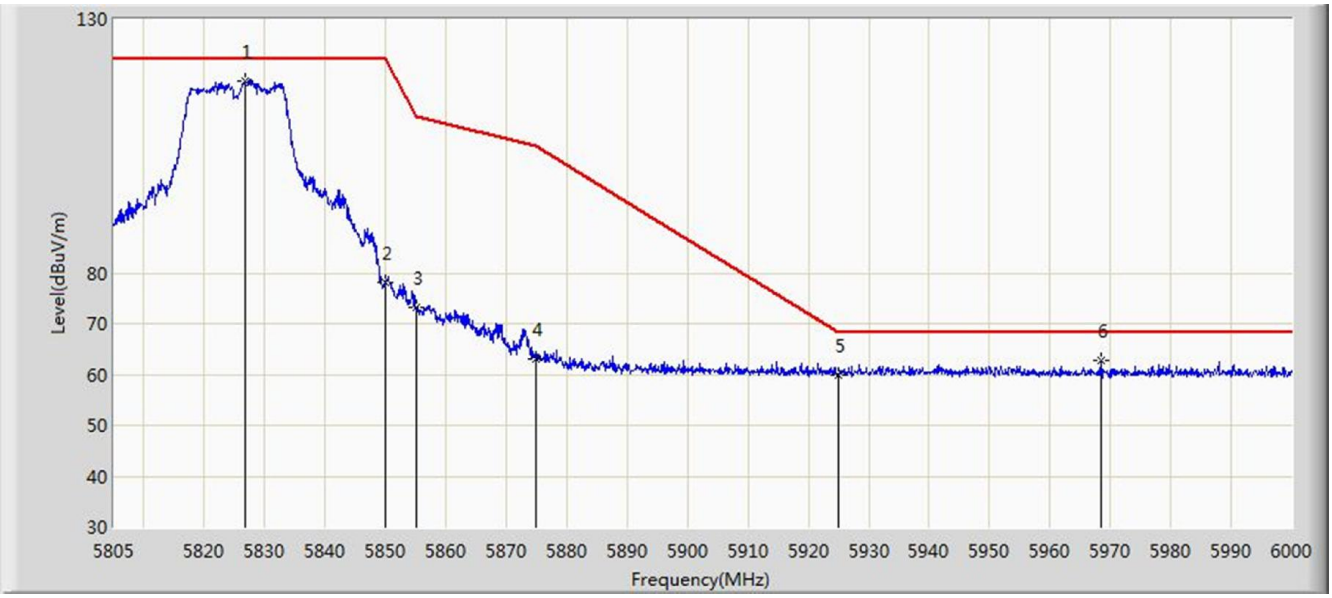


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.868	108.863	103.457	N/A	N/A	5.406	PK
2			5850.000	71.460	65.946	-50.740	122.200	5.514	PK
3			5855.000	67.422	61.889	-43.378	110.800	5.533	PK
4			5875.000	60.334	54.724	-44.866	105.200	5.610	PK
5			5925.000	60.599	54.797	-7.601	68.200	5.802	PK
6		*	5942.475	61.627	55.758	-6.573	68.200	5.870	PK

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

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

Site: AC1	Time: 2019/04/30 - 05:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 582MHz	

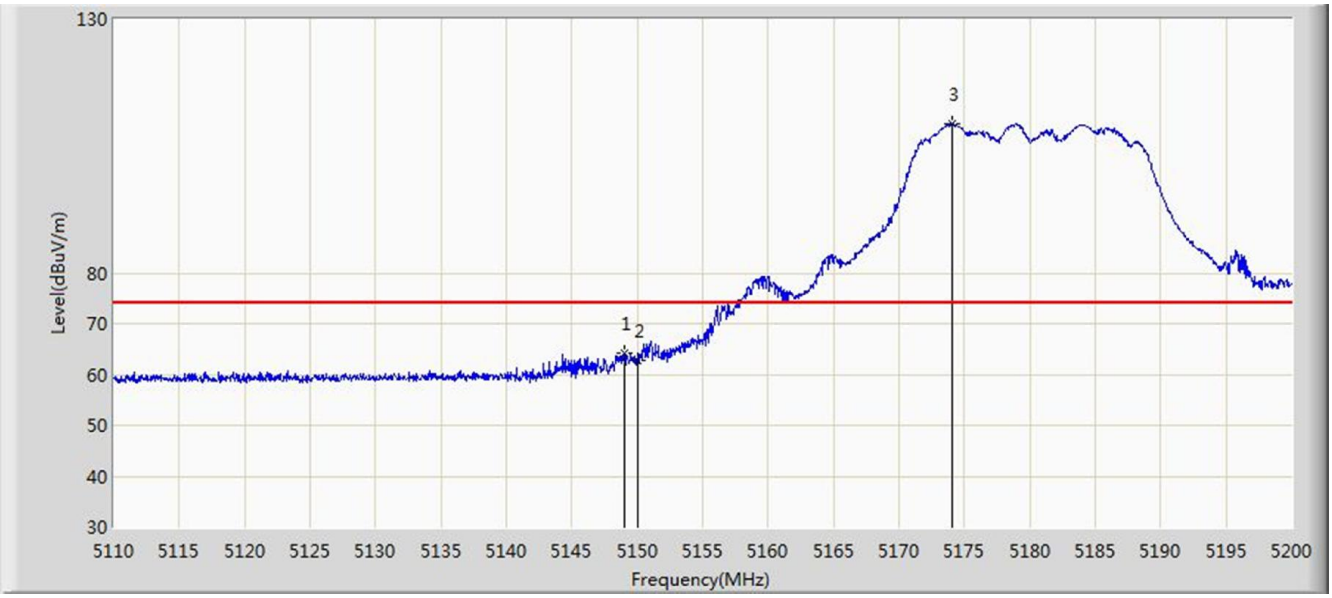


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.645	117.946	112.522	N/A	N/A	5.425	PK
2			5850.000	78.255	72.741	-43.945	122.200	5.514	PK
3			5855.000	73.266	67.733	-37.534	110.800	5.533	PK
4			5875.000	63.026	57.416	-42.174	105.200	5.610	PK
5			5925.000	59.911	54.109	-8.289	68.200	5.802	PK
6			5968.410	62.723	56.754	-5.477	68.200	5.969	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

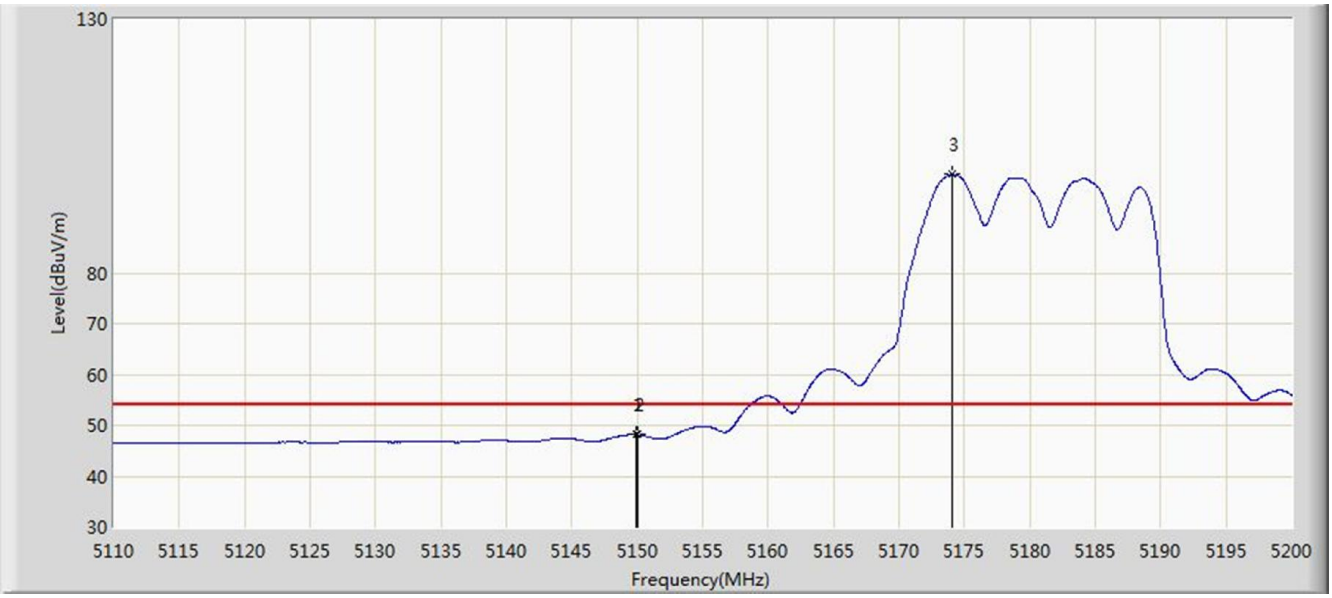


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	64.166	60.291	-9.834	74.000	3.875	PK
2			5150.000	62.878	59.002	-11.122	74.000	3.876	PK
3		*	5174.080	109.418	105.522	N/A	N/A	3.896	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

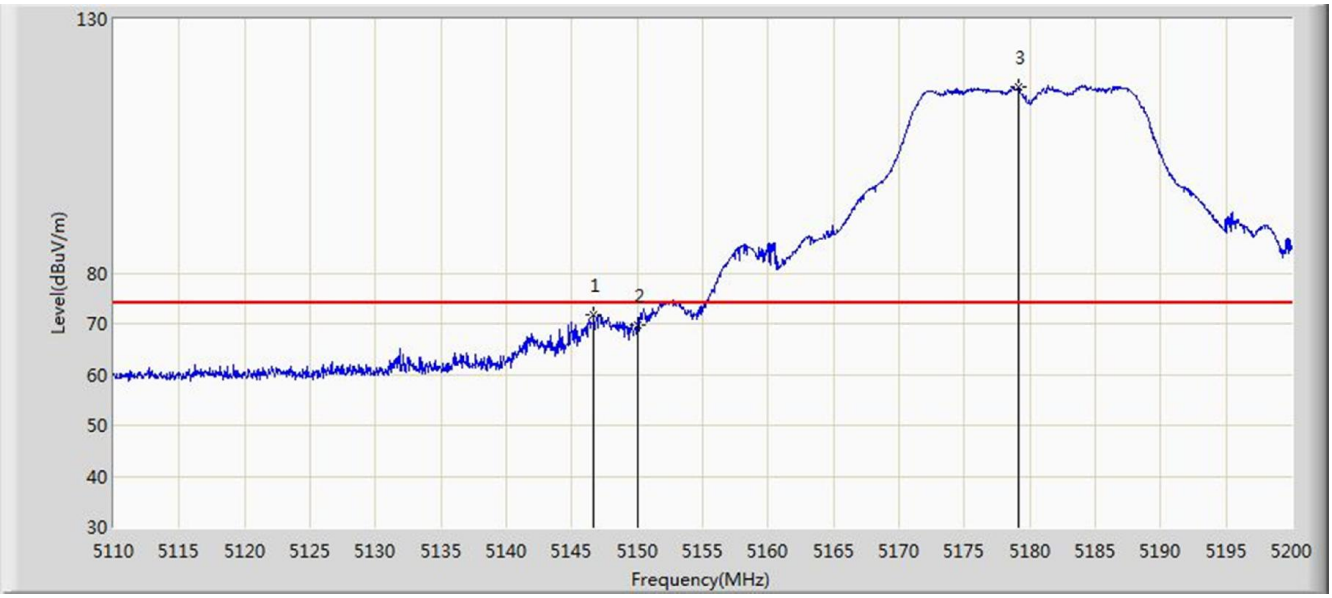


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	48.164	44.288	-5.836	54.000	3.876	AV
2			5150.000	48.146	44.270	-5.854	54.000	3.876	AV
3		*	5174.080	99.434	95.538	N/A	N/A	3.896	AV

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

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

Site: AC1	Time: 2019/05/06 - 02:23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

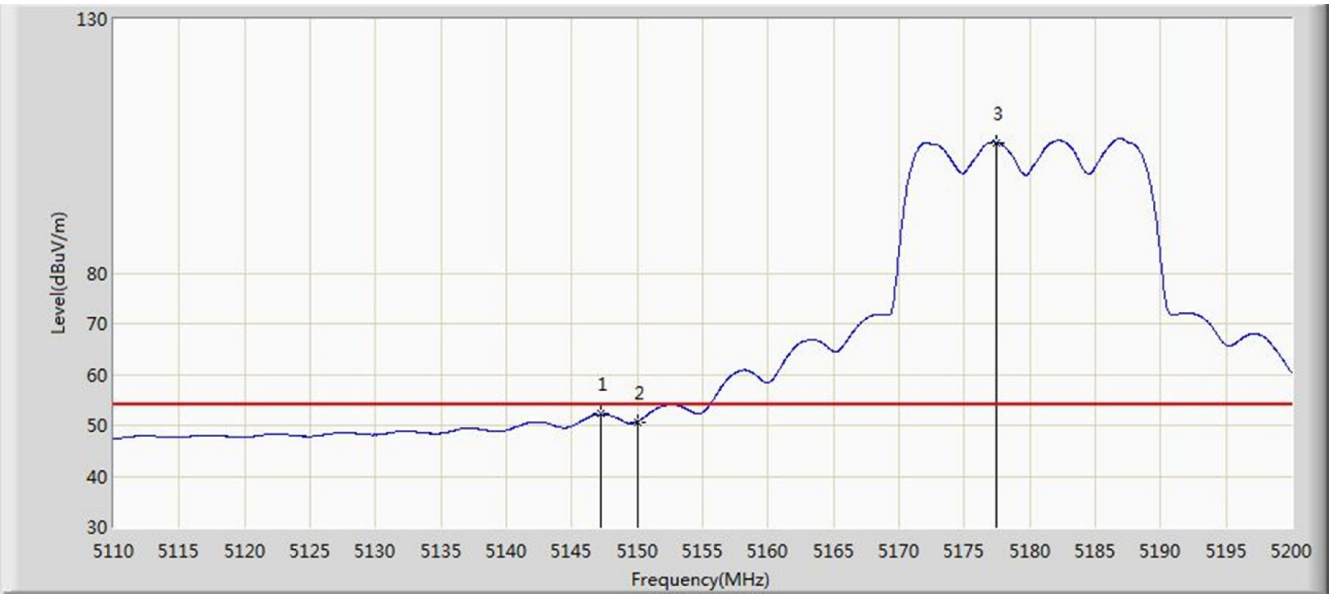


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.675	71.670	67.797	-2.330	74.000	3.873	PK
2			5150.000	69.776	65.900	-4.224	74.000	3.876	PK
3		*	5179.120	116.536	112.635	N/A	N/A	3.901	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

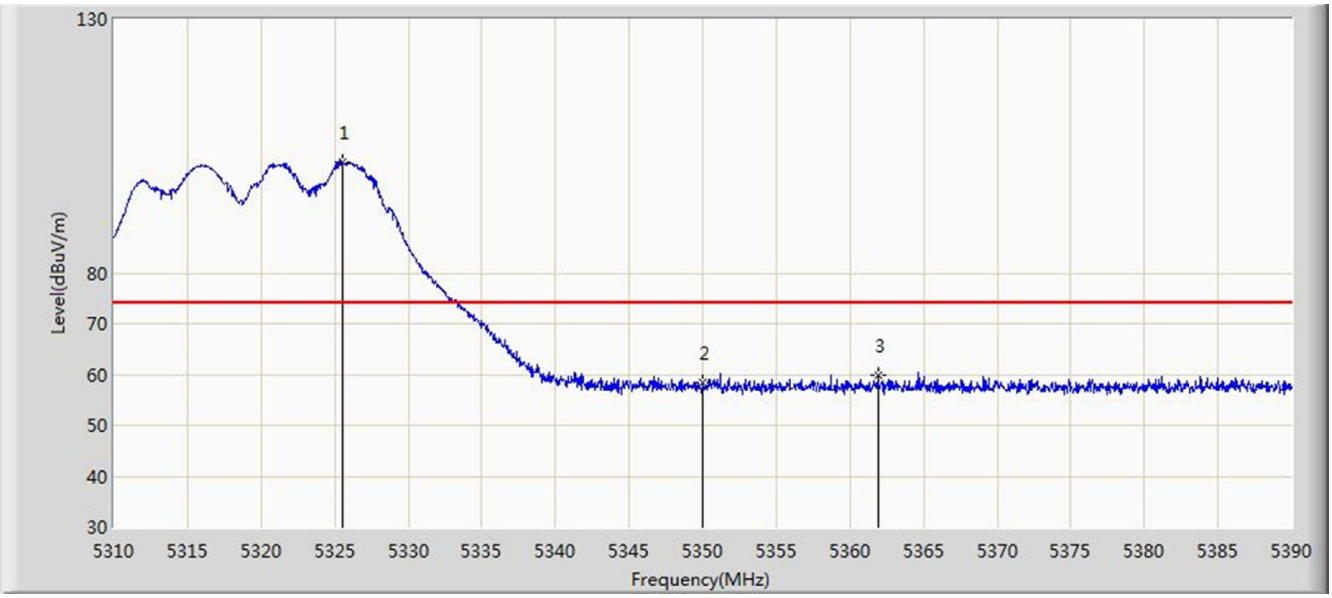


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.170	52.177	48.304	-1.823	54.000	3.873	AV
2			5150.000	50.680	46.804	-3.320	54.000	3.876	AV
3		*	5177.410	105.779	101.880	N/A	N/A	3.899	AV

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

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

Site: AC1	Time: 2019/05/06 - 04:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

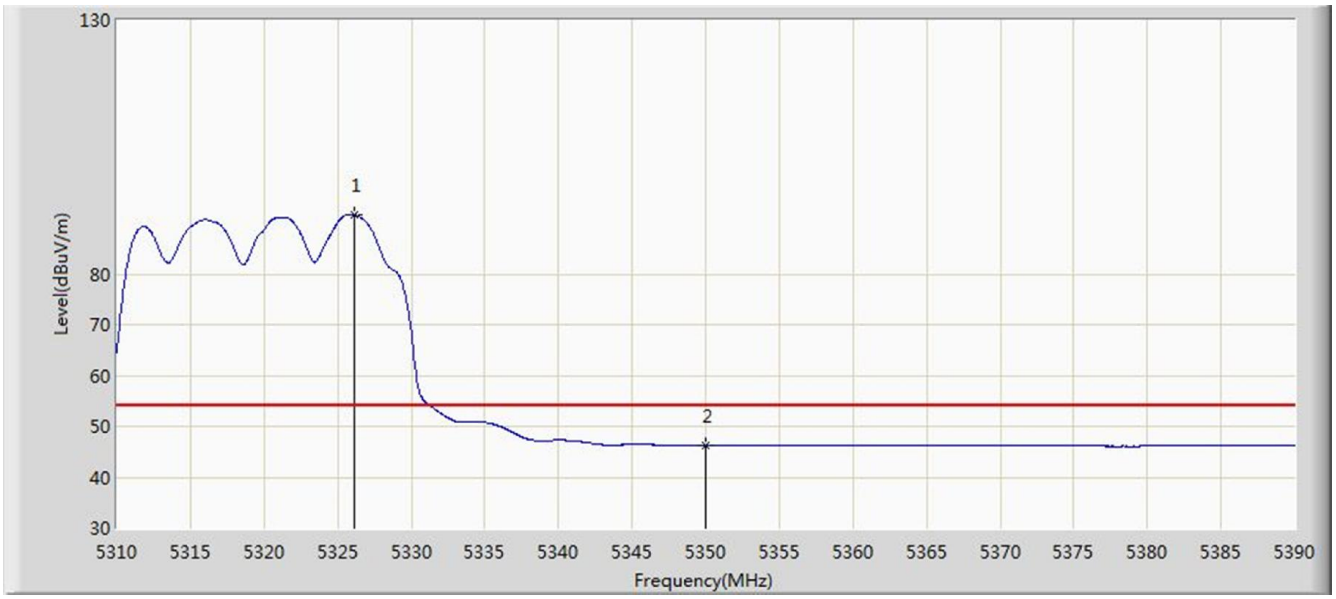


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.560	102.021	97.997	N/A	N/A	4.024	PK
2			5350.000	58.320	54.276	-15.680	74.000	4.044	PK
3			5361.920	59.795	55.741	-14.205	74.000	4.054	PK

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

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

Site: AC1	Time: 2019/05/06 - 04:47
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

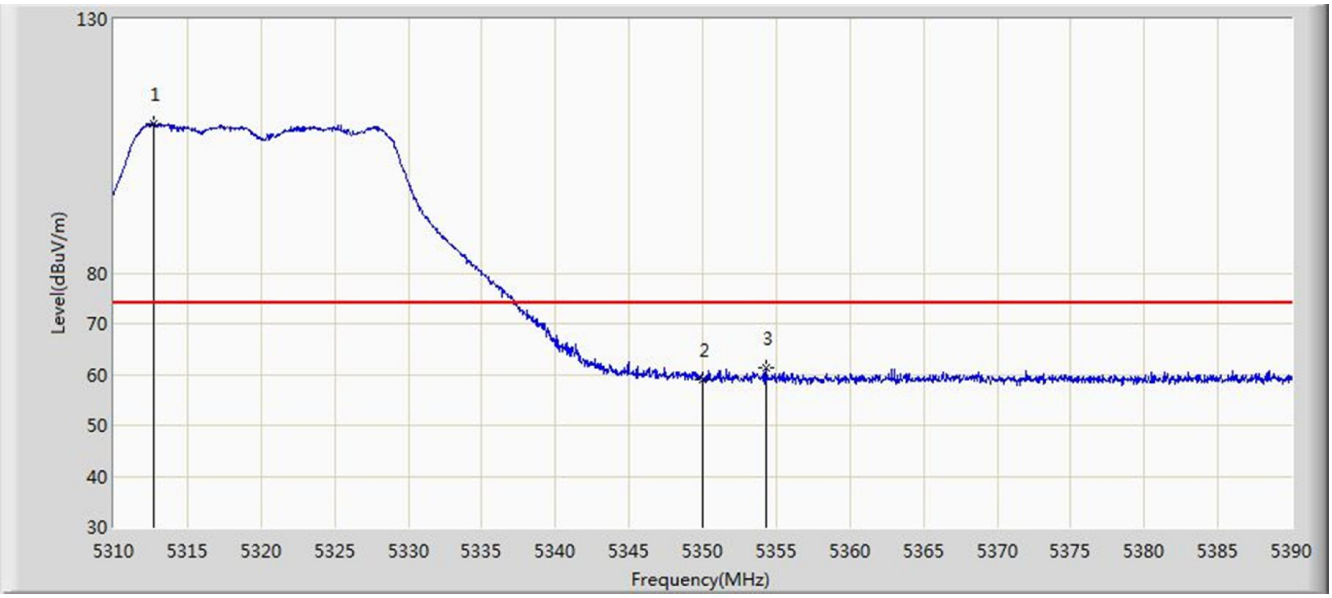


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.120	91.718	87.694	N/A	N/A	4.024	AV
2			5350.000	46.243	42.199	-7.757	54.000	4.044	AV

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

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

Site: AC1	Time: 2019/05/06 - 04:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	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)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.680	109.387	105.375	N/A	N/A	4.012	PK
2			5350.000	59.050	55.006	-14.950	74.000	4.044	PK
3			5354.360	61.312	57.264	-12.688	74.000	4.048	PK

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

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

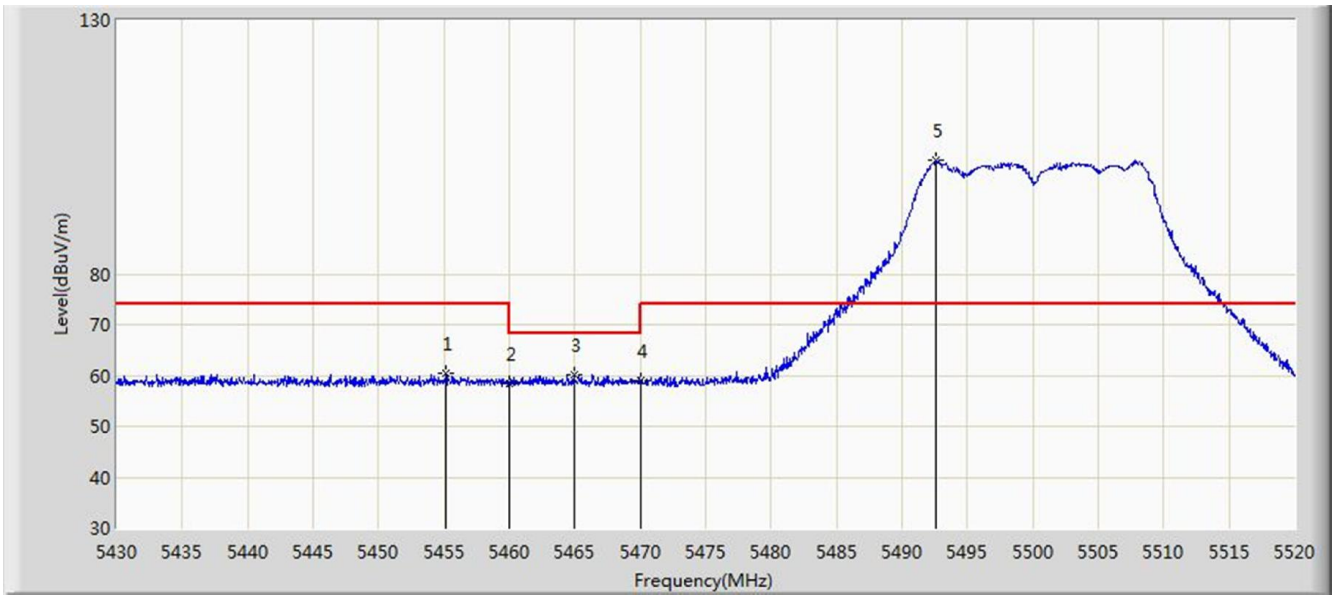
Site: AC1	Time: 2019/05/06 - 04:49
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.280	98.653	94.637	N/A	N/A	4.016	AV
2			5350.000	46.772	42.728	-7.228	54.000	4.044	AV

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

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

Site: AC1	Time: 2019/05/06 - 04:52
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

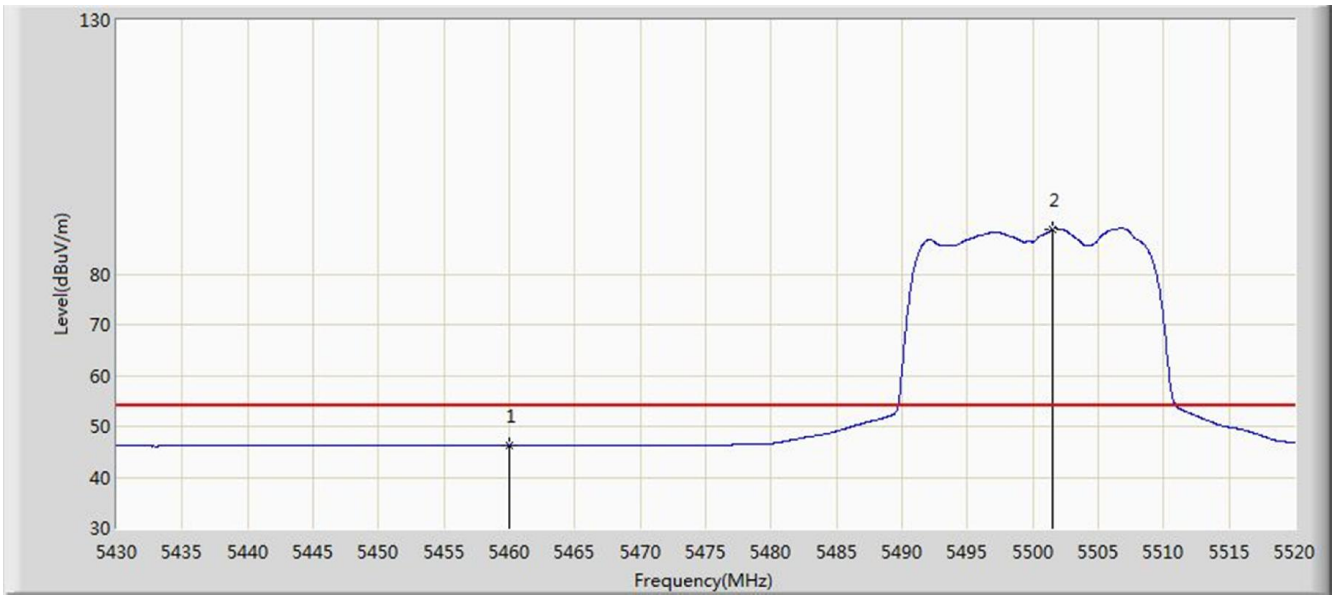


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.200	60.345	56.213	-13.655	74.000	4.132	PK
2			5460.000	58.390	54.254	-15.610	74.000	4.136	PK
3			5464.965	60.063	55.923	-8.137	68.200	4.140	PK
4			5470.000	58.930	54.786	-9.270	68.200	4.144	PK
5		*	5492.640	102.336	98.168	N/A	N/A	4.168	PK

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

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

Site: AC1	Time: 2019/05/06 - 04:53
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

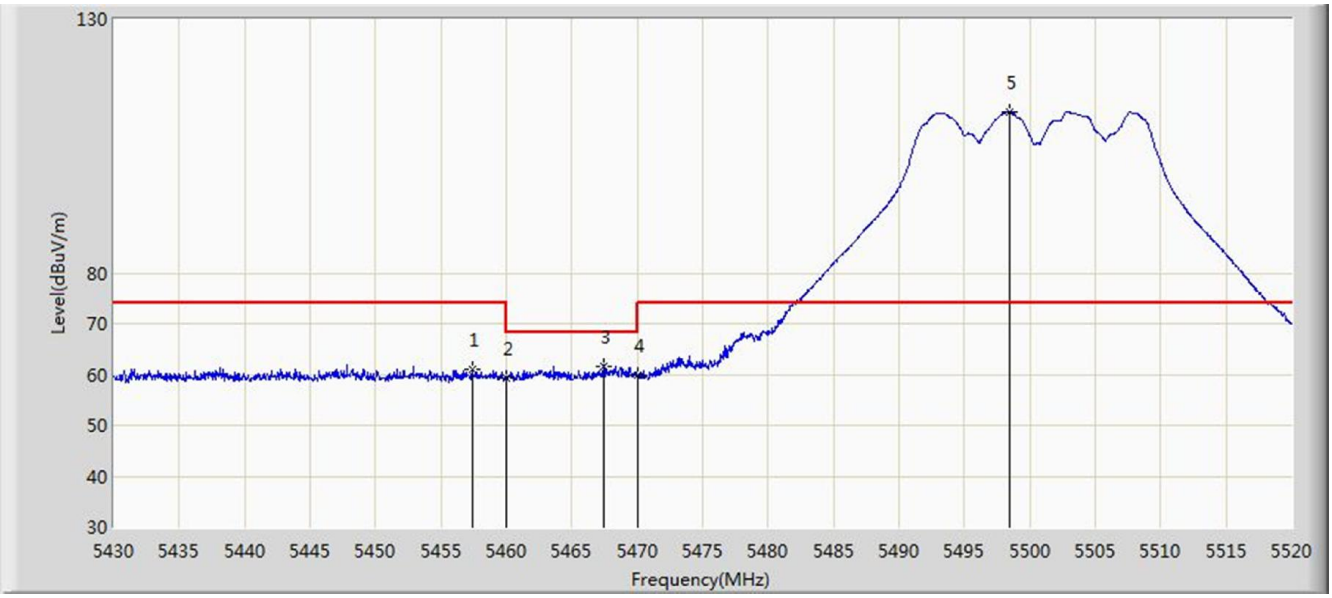


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.241	42.105	-7.759	54.000	4.136	AV
2		*	5501.460	88.851	84.668	N/A	N/A	4.184	AV

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

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

Site: AC1	Time: 2019/05/06 - 04:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

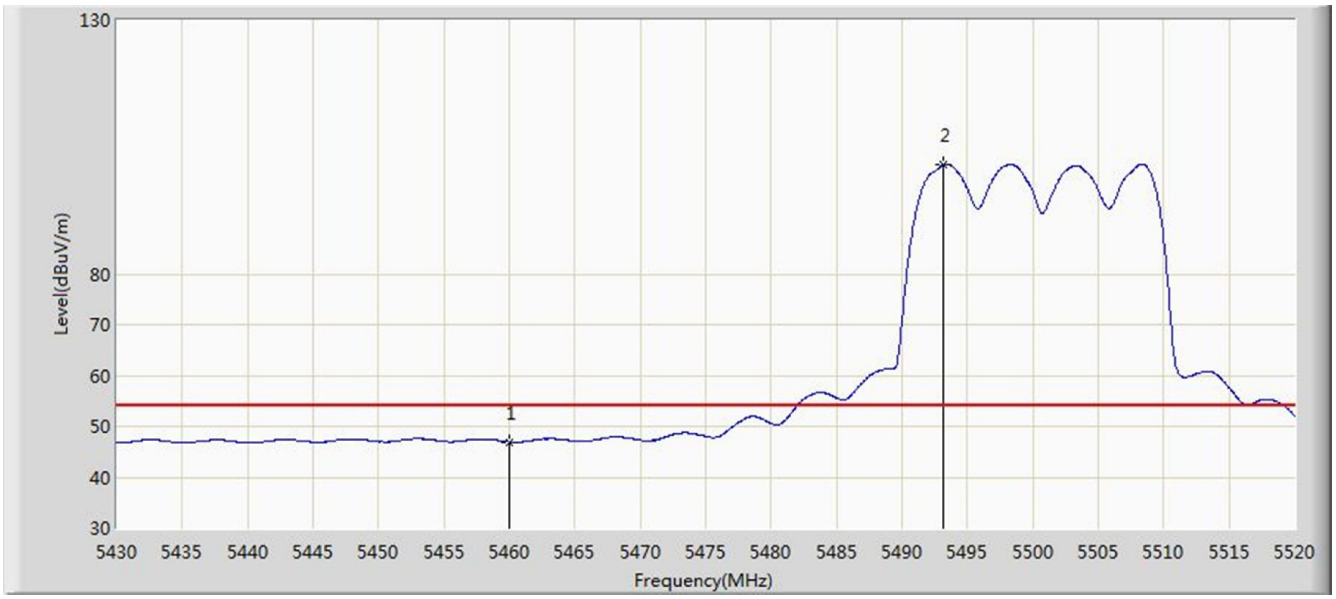


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.405	60.929	56.795	-13.071	74.000	4.134	PK
2			5460.000	59.264	55.128	-14.736	74.000	4.136	PK
3			5467.485	61.738	57.596	-6.462	68.200	4.142	PK
4			5470.000	59.979	55.835	-8.221	68.200	4.144	PK
5		*	5498.445	111.834	107.656	N/A	N/A	4.179	PK

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

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

Site: AC1	Time: 2019/05/06 - 04:50
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz	

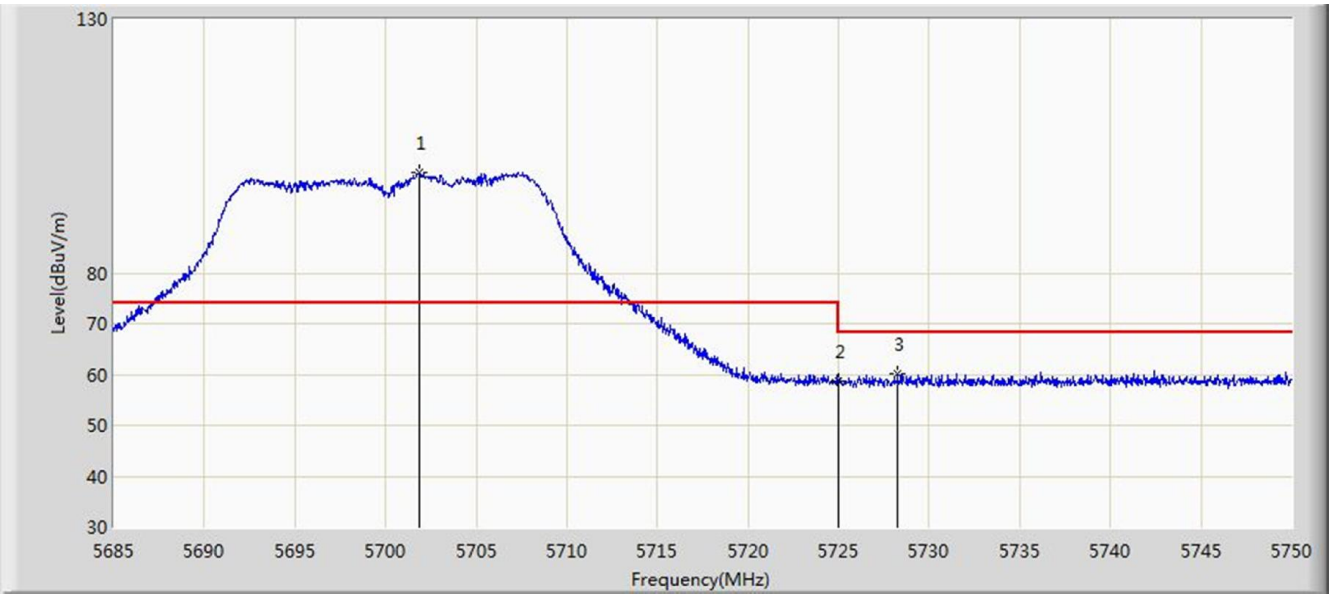


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.950	42.814	-7.050	54.000	4.136	AV
2		*	5493.135	101.603	97.434	N/A	N/A	4.169	AV

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

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

Site: AC1	Time: 2019/05/06 - 04:55
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

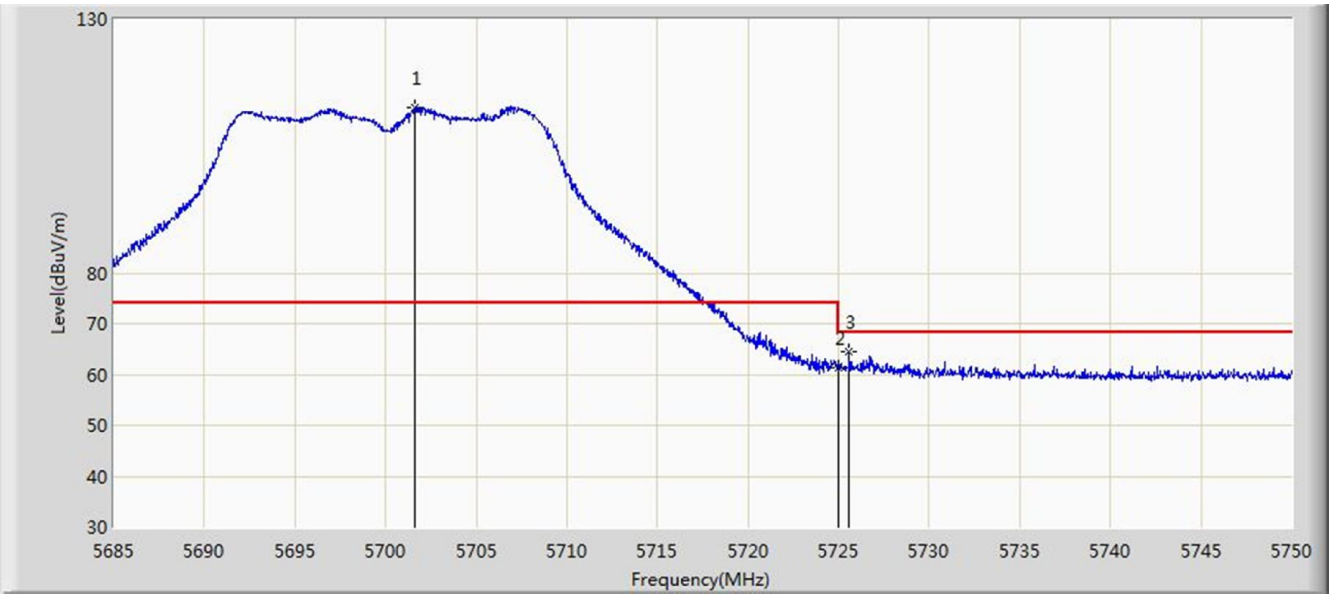


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.900	99.809	94.864	N/A	N/A	4.945	PK
2			5725.000	58.734	53.700	-9.466	68.200	5.034	PK
3			5728.257	60.034	54.988	-8.166	68.200	5.047	PK

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

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

Site: AC1	Time: 2019/05/06 - 04:56
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz	

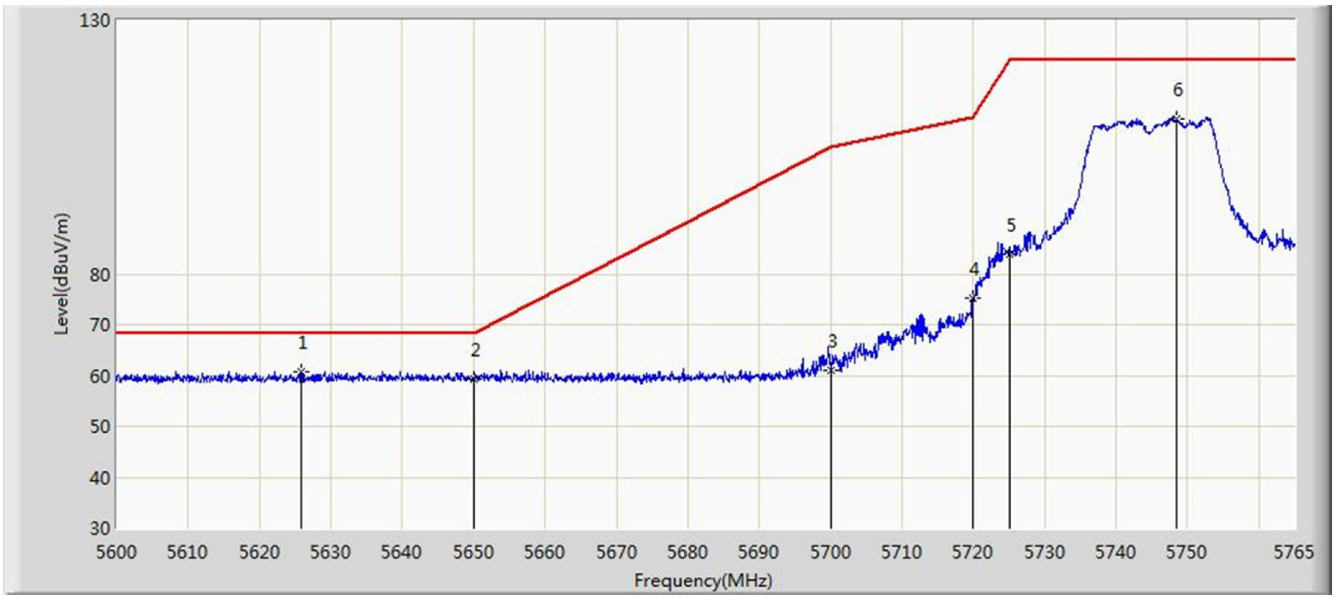


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.640	112.485	107.541	N/A	N/A	4.944	PK
2			5725.000	61.163	56.129	-7.037	68.200	5.034	PK
3			5725.592	64.459	59.423	-3.741	68.200	5.036	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	

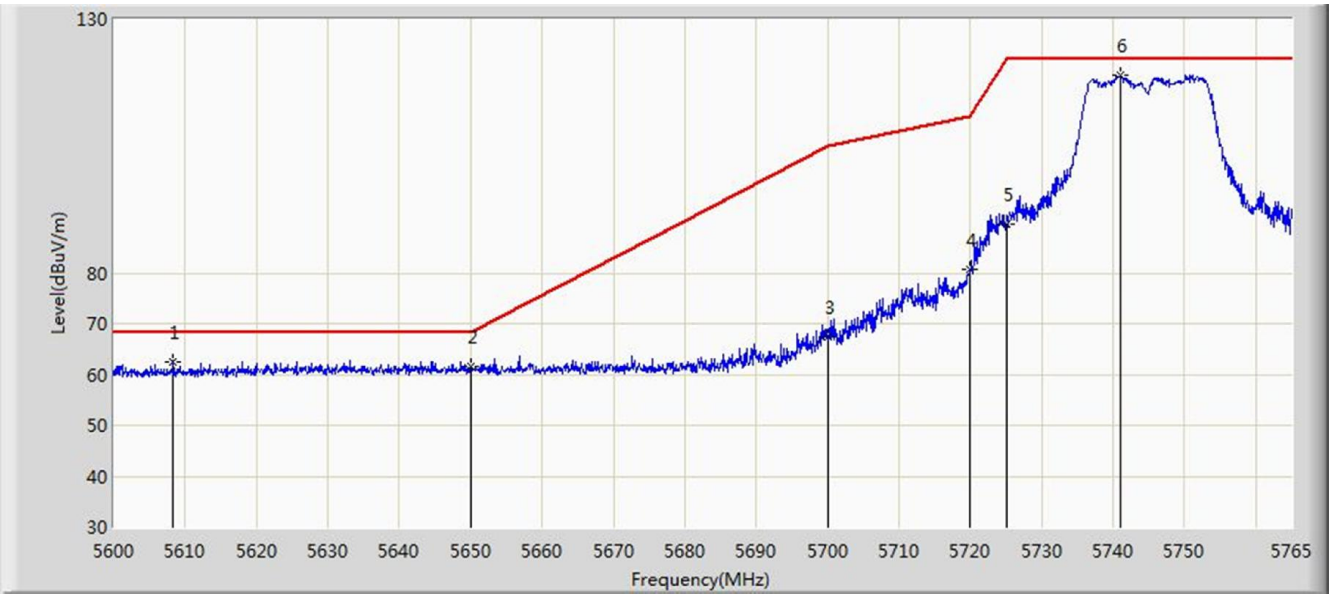


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5625.822	60.838	56.185	-7.362	68.200	4.653	PK
2			5650.000	59.324	54.578	-8.876	68.200	4.746	PK
3			5700.000	60.890	55.952	-44.310	105.200	4.938	PK
4			5720.000	75.347	70.332	-35.453	110.800	5.015	PK
5			5725.000	83.851	78.817	-38.349	122.200	5.034	PK
6			5748.417	110.671	105.547	N/A	N/A	5.123	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:33
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	

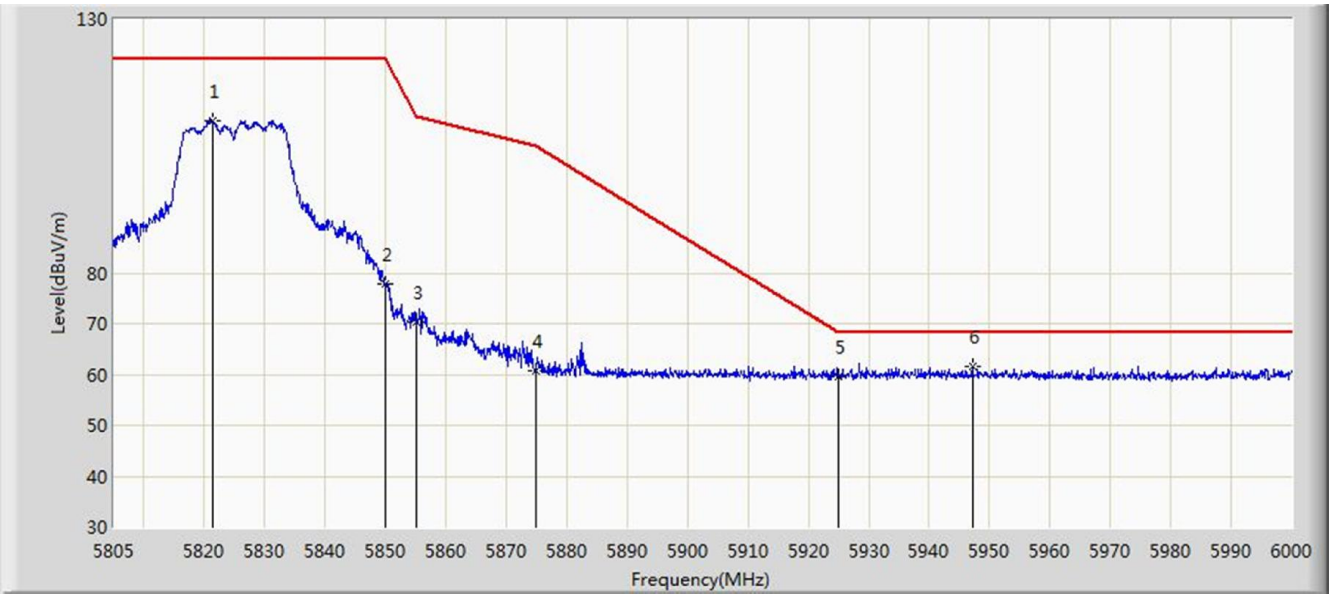


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5608.250	62.608	58.023	-5.592	68.200	4.586	PK
2			5650.000	61.650	56.904	-6.550	68.200	4.746	PK
3			5700.000	67.251	62.313	-37.949	105.200	4.938	PK
4			5720.000	80.729	75.714	-30.071	110.800	5.015	PK
5			5725.000	89.838	84.804	-32.362	122.200	5.034	PK
6		*	5741.075	119.003	113.908	N/A	N/A	5.096	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	

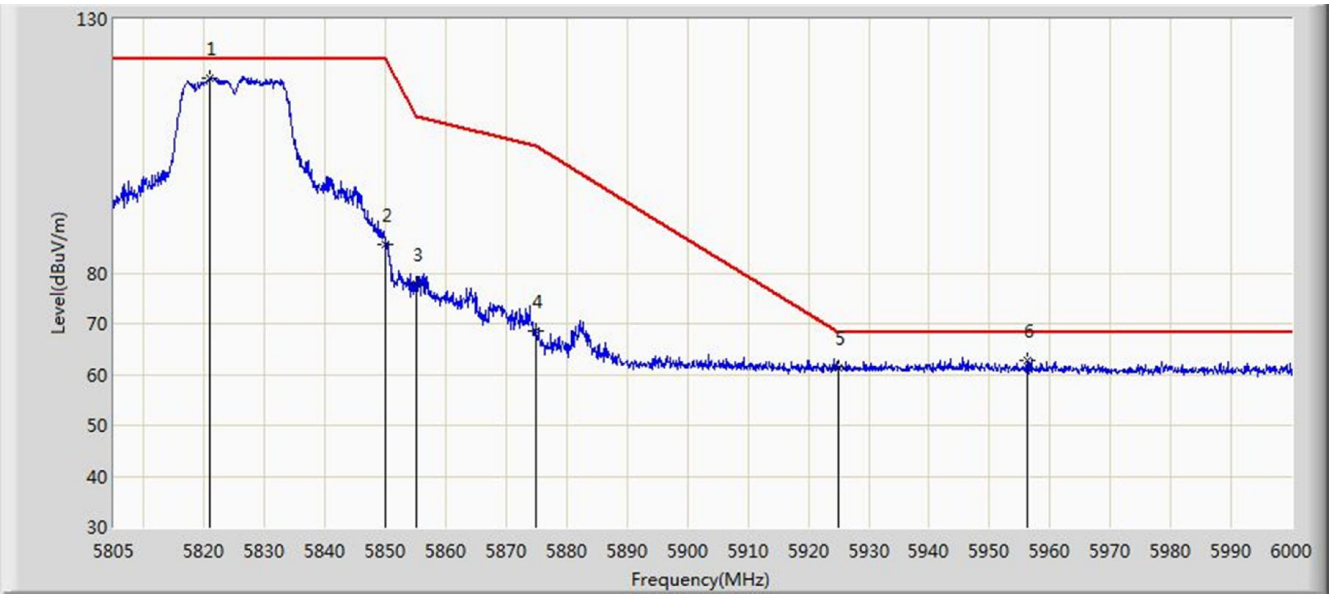


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.283	109.993	104.589	N/A	N/A	5.404	PK
2			5850.000	77.837	72.323	-44.363	122.200	5.514	PK
3			5855.000	70.259	64.726	-40.541	110.800	5.533	PK
4			5875.000	60.823	55.213	-44.377	105.200	5.610	PK
5			5925.000	59.691	53.889	-8.509	68.200	5.802	PK
6		*	5947.155	61.634	55.747	-6.566	68.200	5.887	PK

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

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

Site: AC1	Time: 2019/05/06 - 02:34
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	

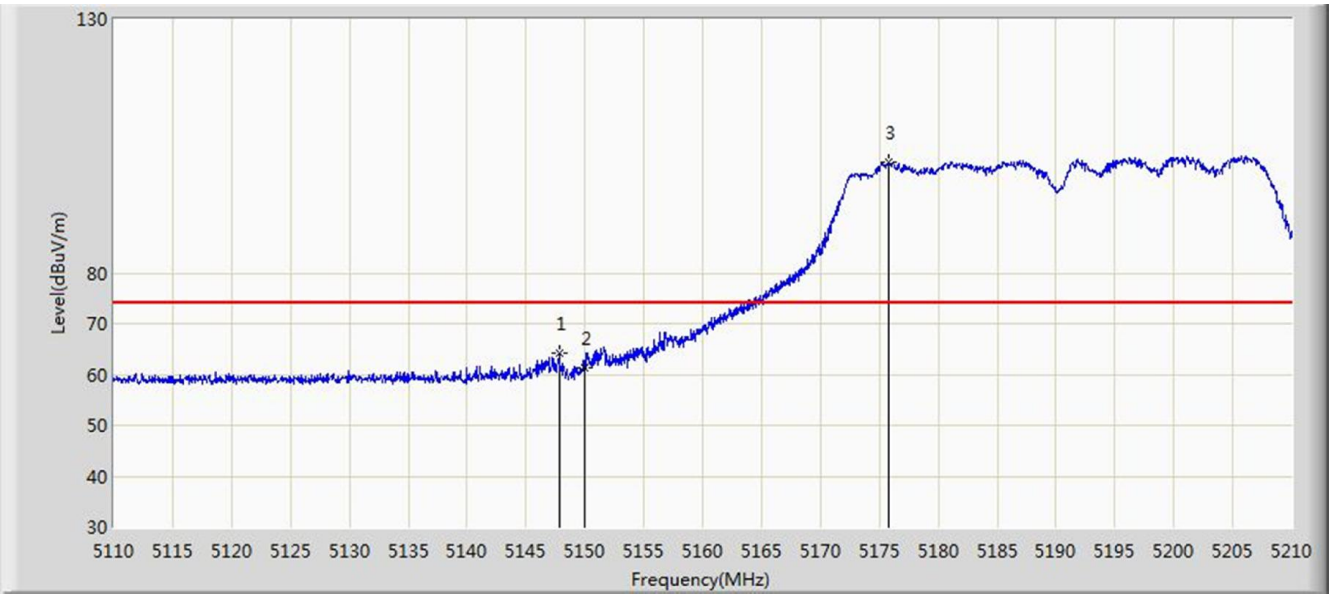


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.893	118.405	113.003	N/A	N/A	5.402	PK
2			5850.000	85.624	80.110	-36.576	122.200	5.514	PK
3			5855.000	77.888	72.355	-32.912	110.800	5.533	PK
4			5875.000	68.438	62.828	-36.762	105.200	5.610	PK
5			5925.000	61.344	55.542	-6.856	68.200	5.802	PK
6			5956.320	62.811	56.888	-5.389	68.200	5.923	PK

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

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

Site: AC1	Time: 2019/04/30 - 06:06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

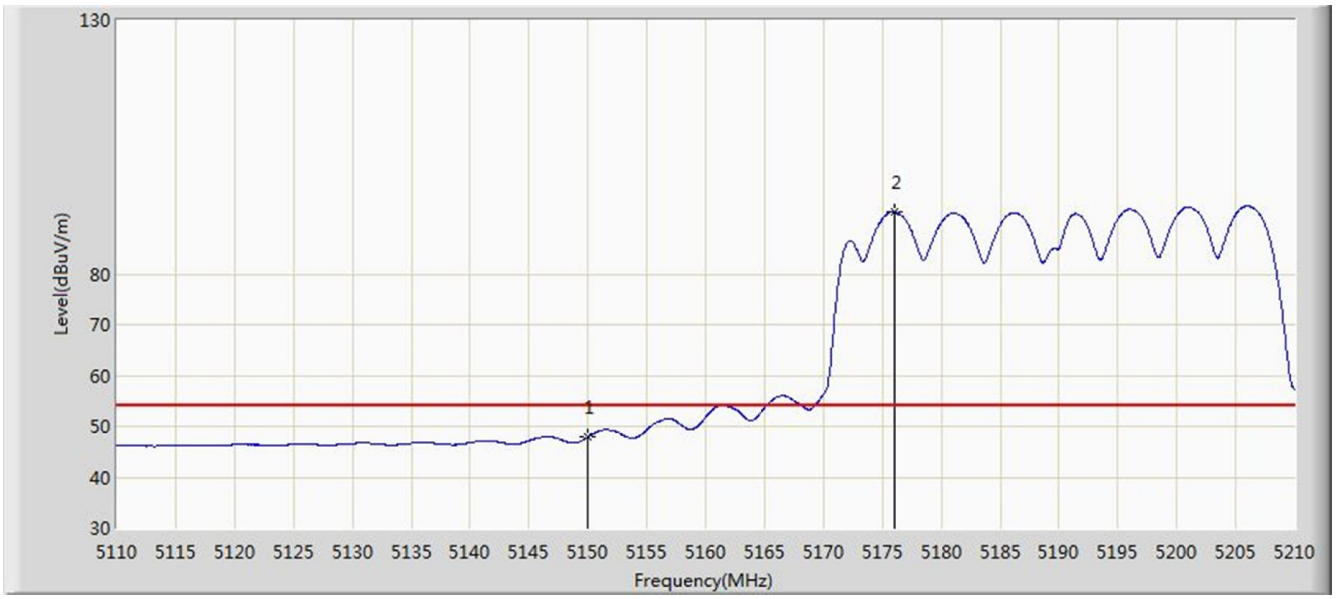


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	64.301	60.427	-9.699	74.000	3.874	PK
2			5150.000	61.429	57.553	-12.571	74.000	3.876	PK
3		*	5175.800	101.928	98.030	N/A	N/A	3.898	PK

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

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

Site: AC1	Time: 2019/04/30 - 06:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

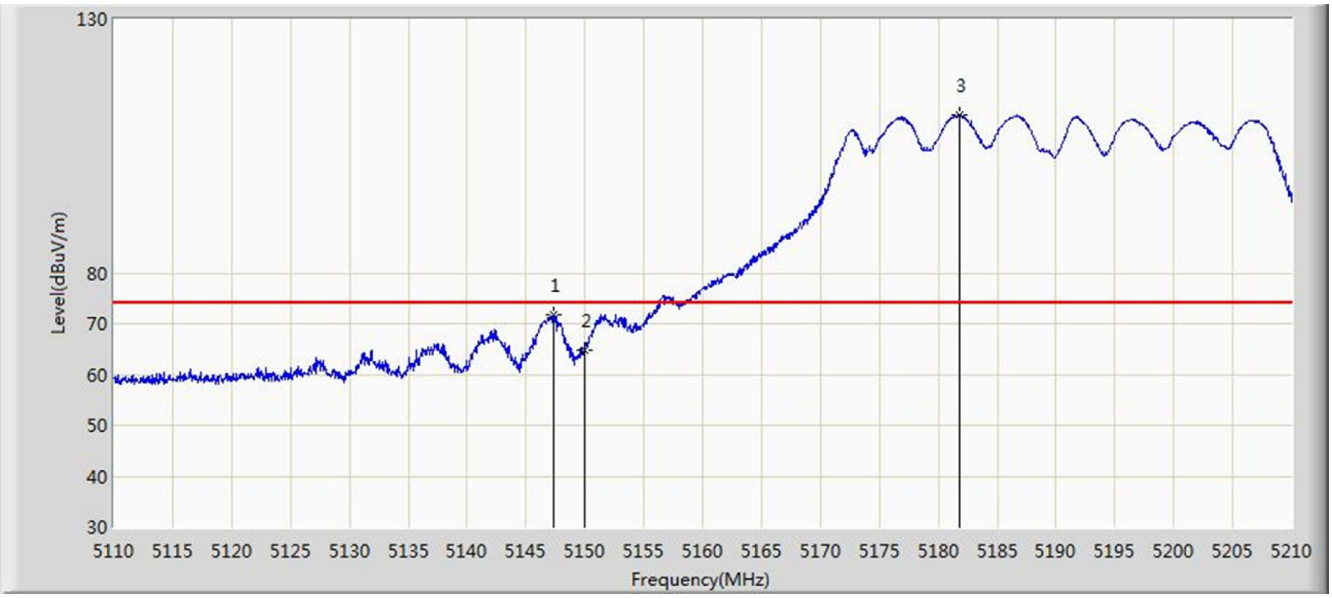


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.899	44.023	-6.101	54.000	3.876	AV
2		*	5176.050	92.289	88.391	N/A	N/A	3.898	AV

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

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

Site: AC1	Time: 2019/04/30 - 06:05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

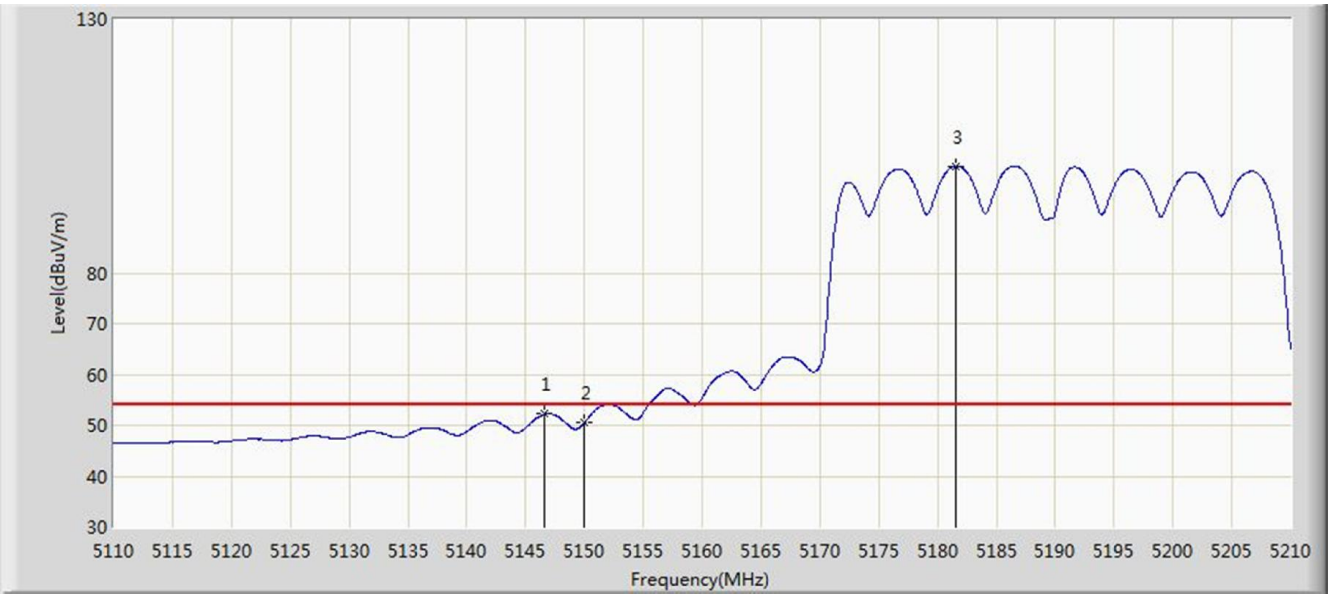


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.300	71.667	67.794	-2.333	74.000	3.873	PK
2			5150.000	64.920	61.044	-9.080	74.000	3.876	PK
3		*	5181.850	111.283	107.380	N/A	N/A	3.903	PK

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

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

Site: AC1	Time: 2019/04/30 - 06:04
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

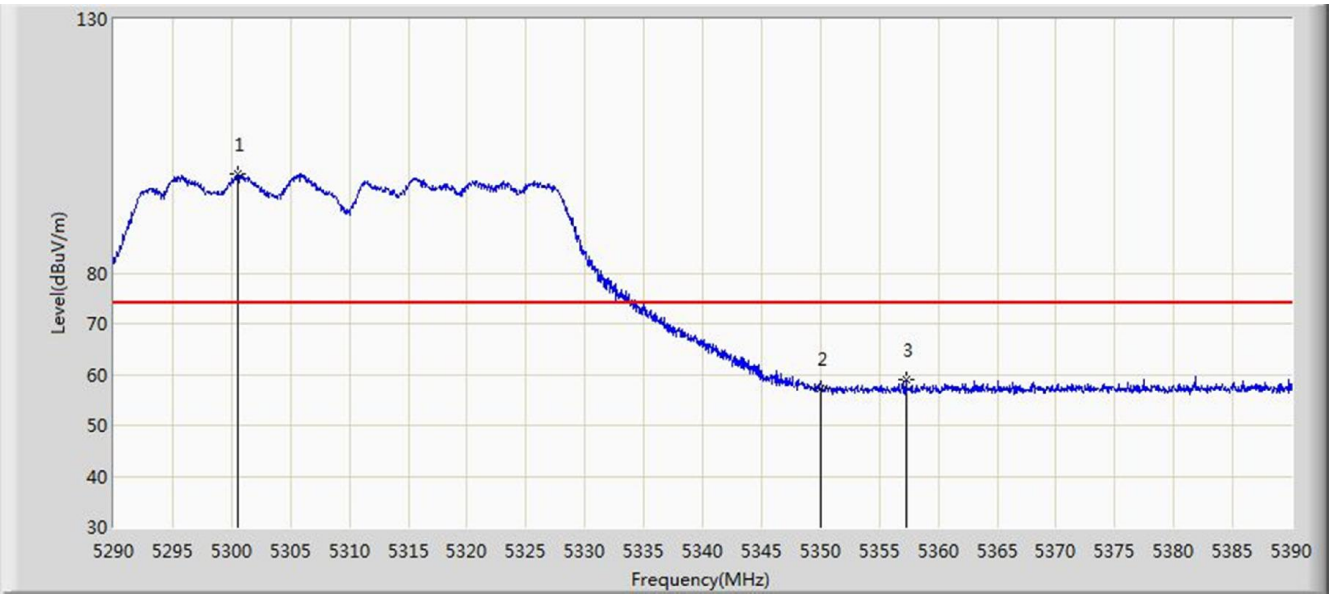


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.600	52.218	48.345	-1.782	54.000	3.873	AV
2			5150.000	50.536	46.660	-3.464	54.000	3.876	AV
3		*	5181.500	101.102	97.199	N/A	N/A	3.903	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:38
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n40 at Channel 5310MHz	

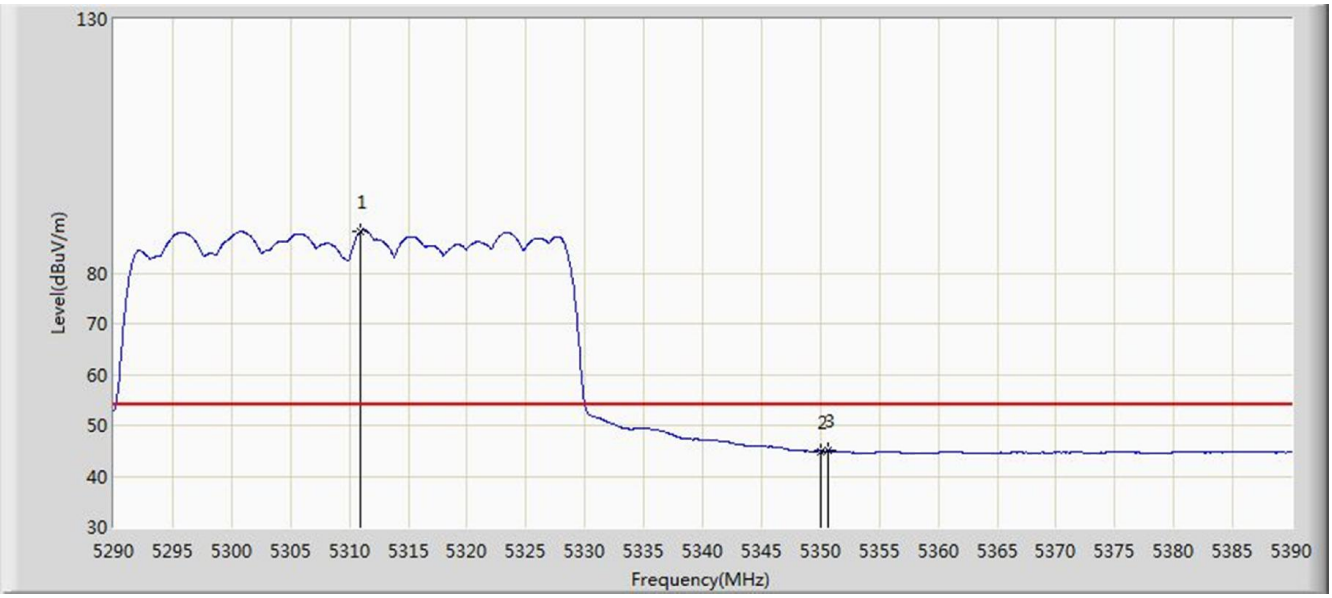


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5300.550	99.488	95.486	N/A	N/A	4.002	PK
2			5350.000	57.387	53.343	-16.613	74.000	4.044	PK
3			5357.300	59.114	55.064	-14.886	74.000	4.050	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:41
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n40 at Channel 5310MHz	

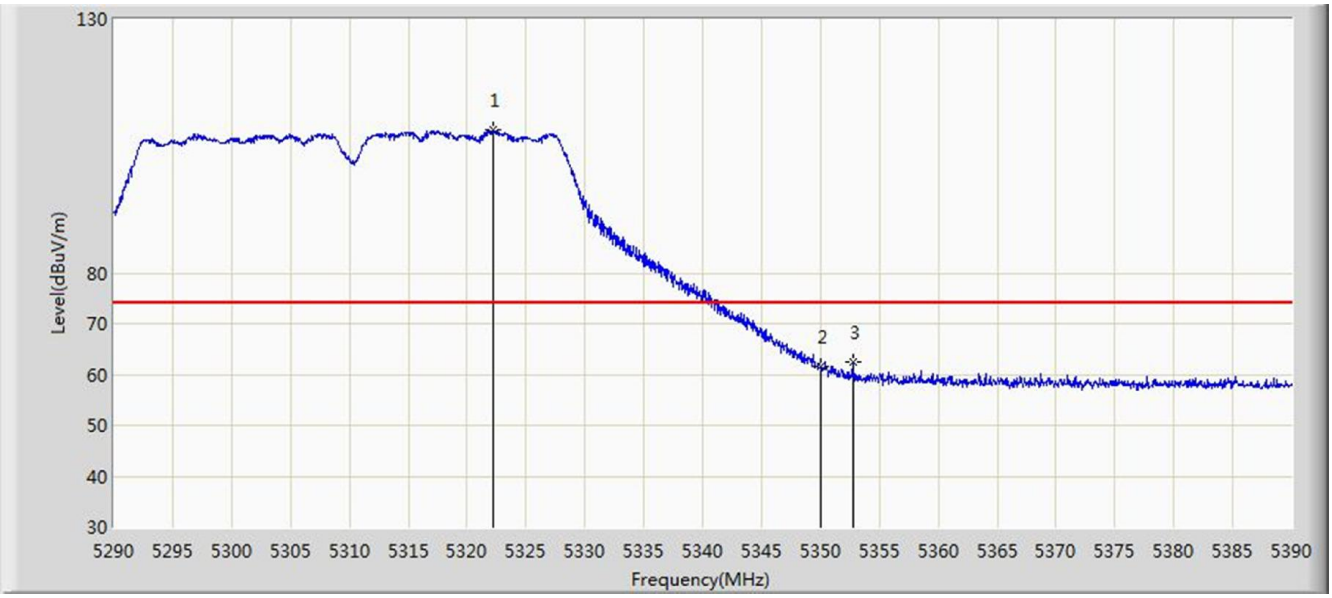


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5310.950	88.282	84.271	N/A	N/A	4.011	AV
2			5350.000	44.902	40.858	-9.098	54.000	4.044	AV
3			5350.600	44.951	40.906	-9.049	54.000	4.045	AV

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

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

Site: AC1	Time: 2019/05/09 - 00:43
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n40 at Channel 5310MHz	

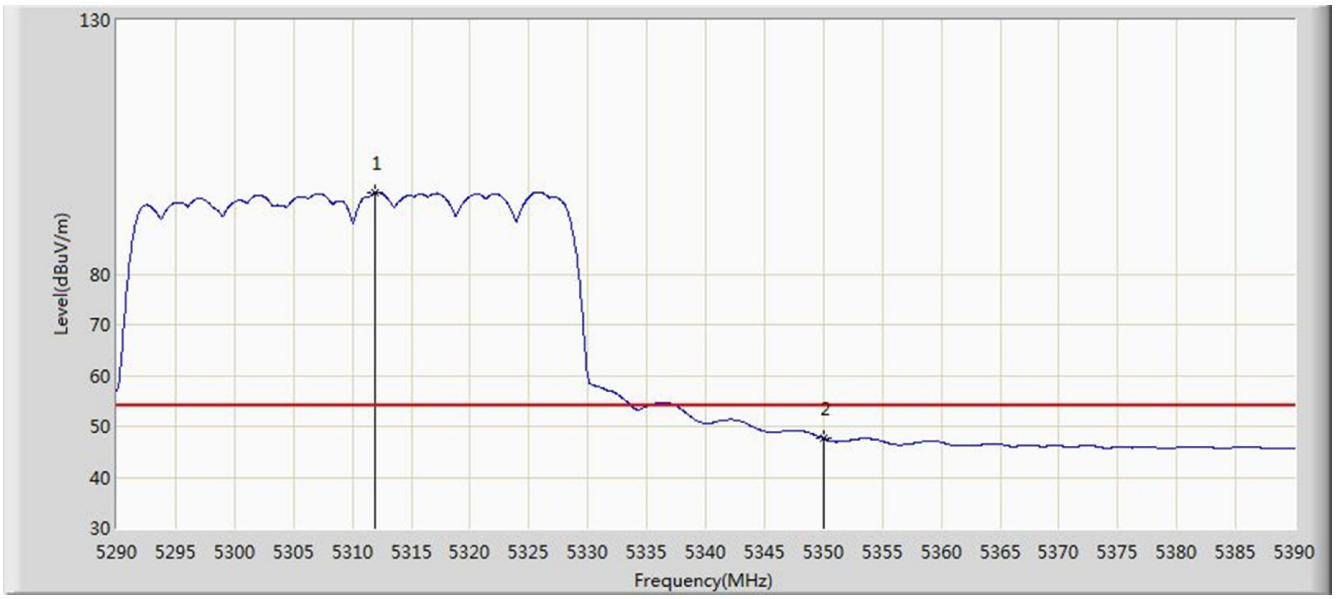


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.150	108.154	104.133	N/A	N/A	4.021	PK
2			5350.000	61.675	57.631	-12.325	74.000	4.044	PK
3			5352.750	62.409	58.362	-11.591	74.000	4.047	PK

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

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

Site: AC1	Time: 2019/05/09 - 00:44
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n40 at Channel 5310MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.950	96.020	92.008	N/A	N/A	4.012	AV
2			5350.000	47.652	43.608	-6.348	54.000	4.044	AV

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

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