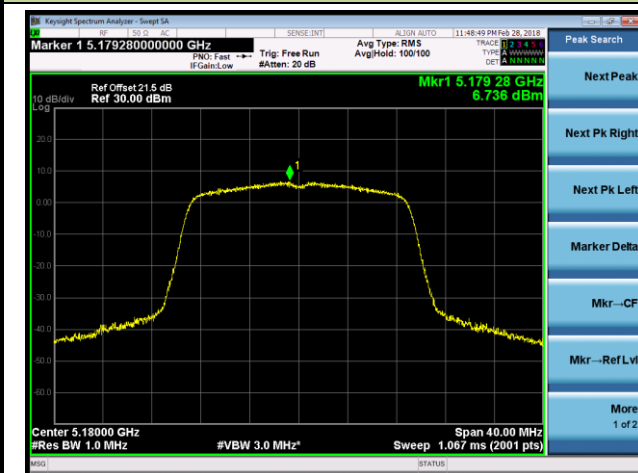
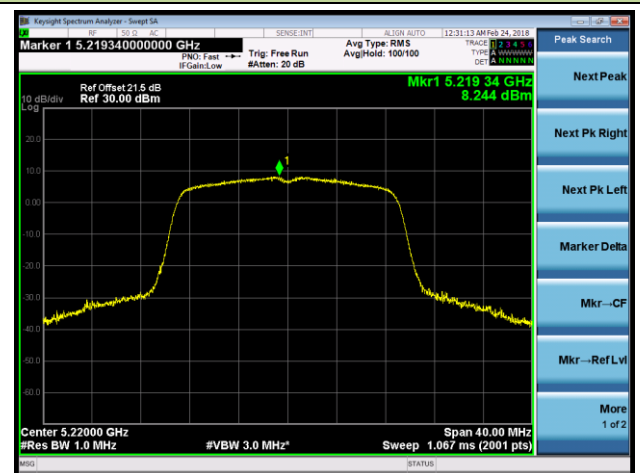


802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

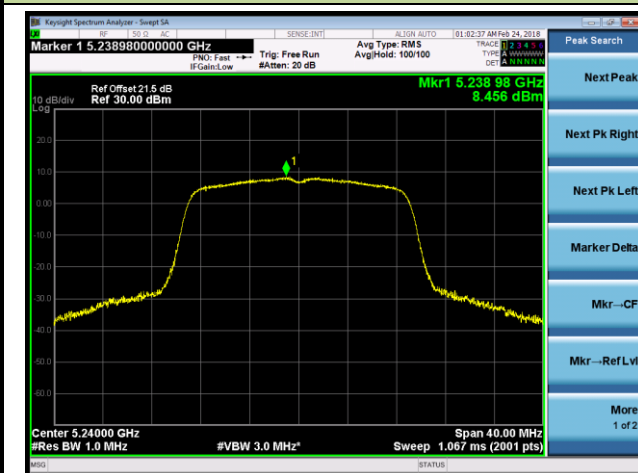
Channel 36 (5180MHz)



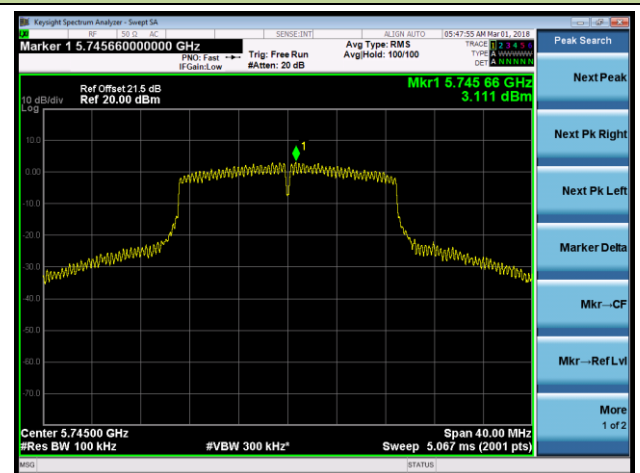
Channel 44 (5220MHz)



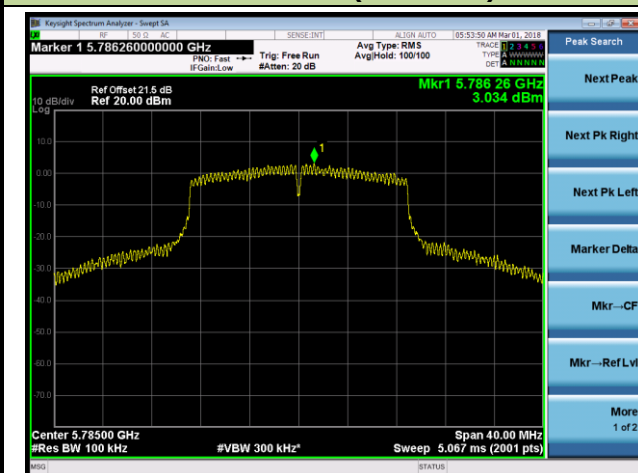
Channel 48 (5240MHz)



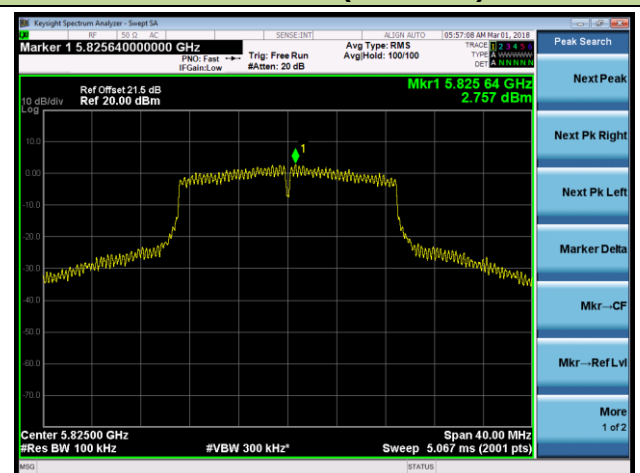
Channel 149 (5745MHz)



Channel 157 (5785MHz)

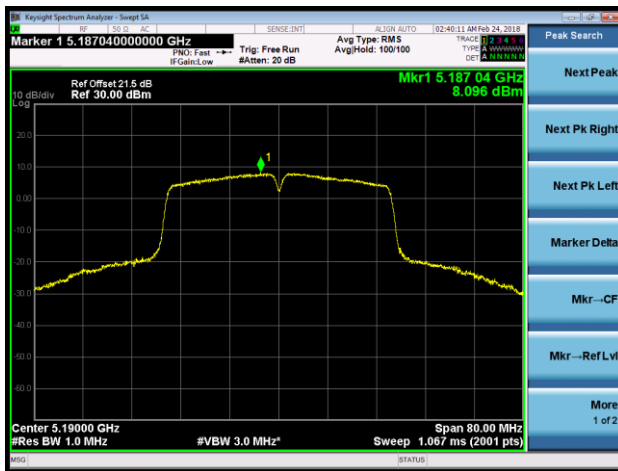


Channel 165 (5825MHz)



802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

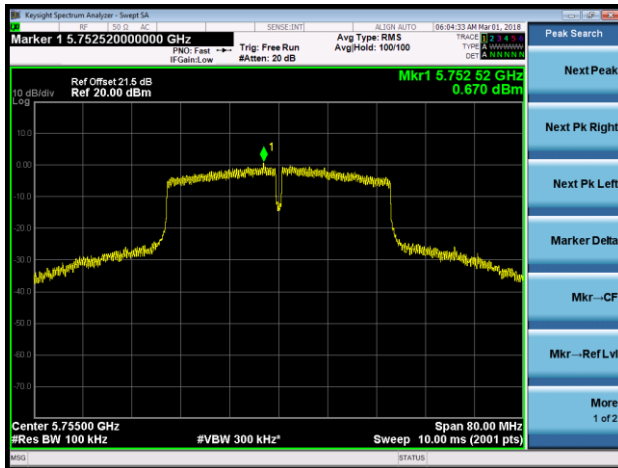
Channel 38 (5190MHz)



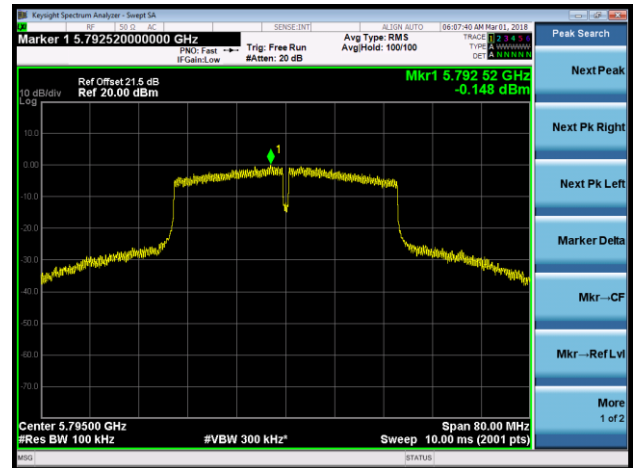
Channel 46 (5230MHz)



Channel 151 (5755MHz)

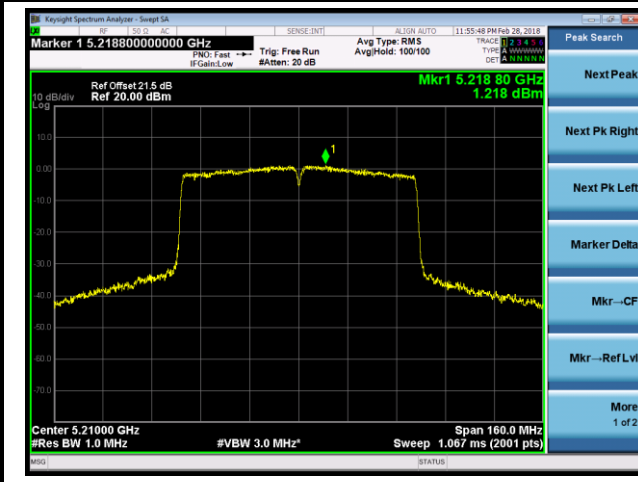


Channel 159 (5795MHz)

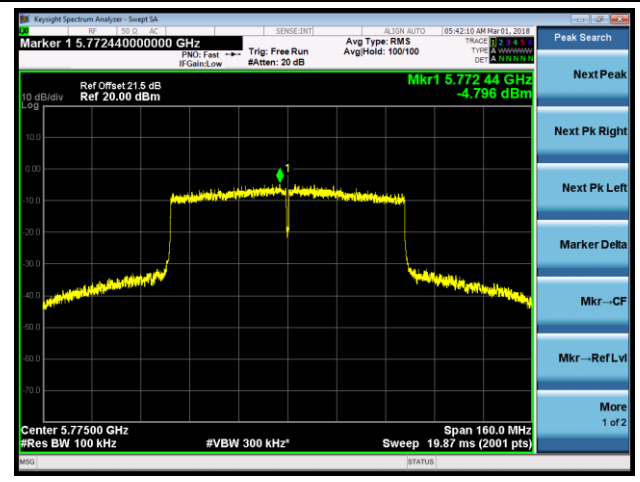


802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

Channel 42 (5210MHz)

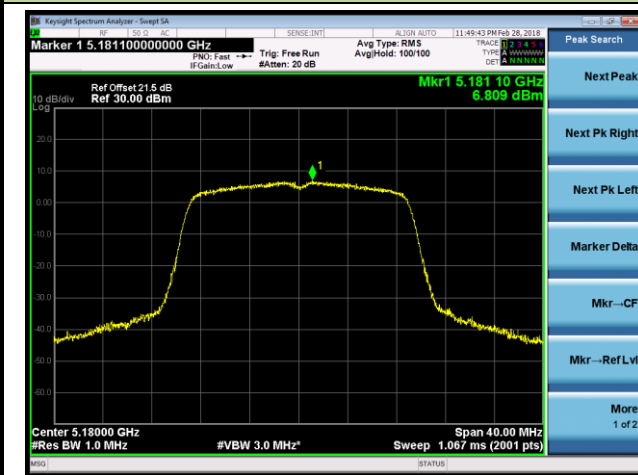


Channel 155 (5775MHz)

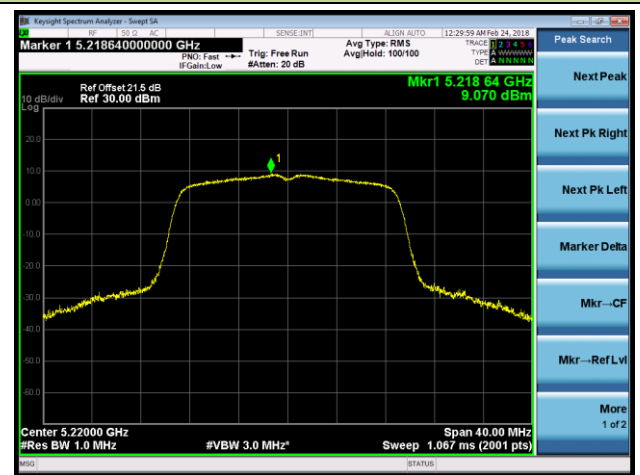


802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

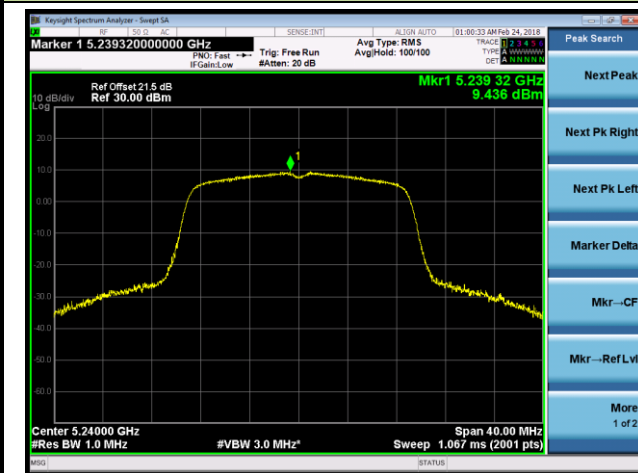
Channel 36 (5180MHz)



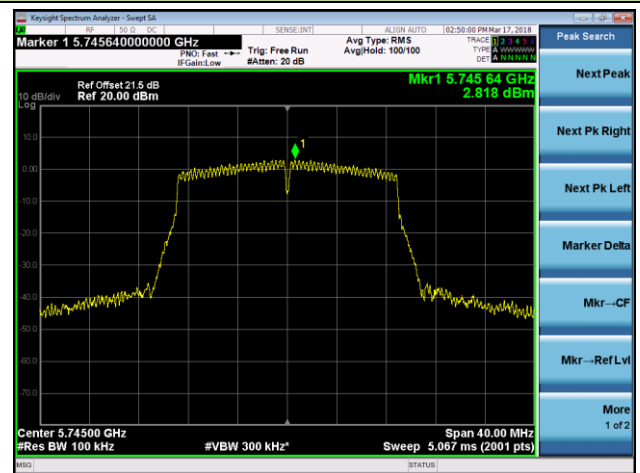
Channel 44 (5220MHz)



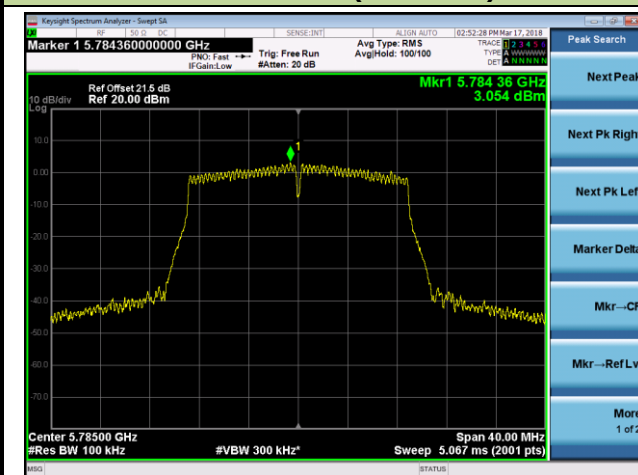
Channel 48 (5240MHz)



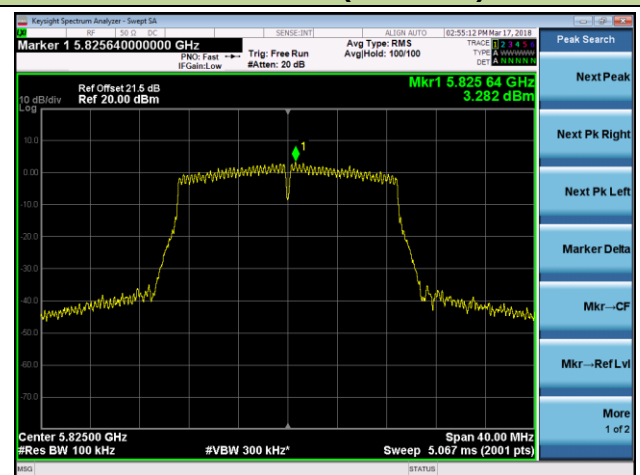
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

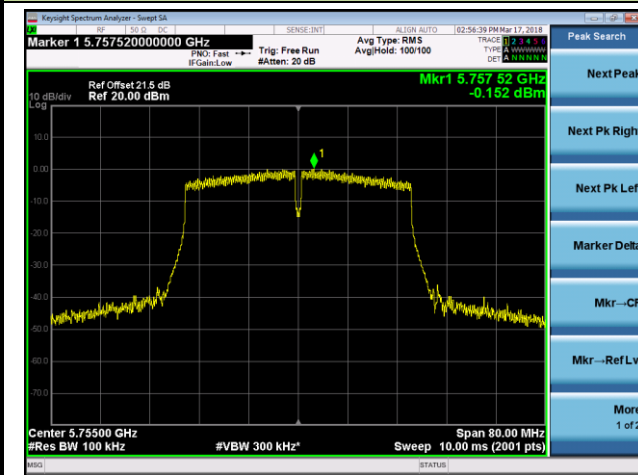
Channel 38 (5190MHz)



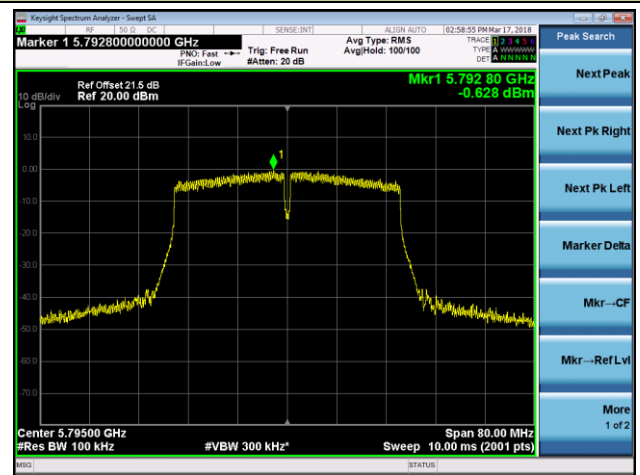
Channel 46 (5230MHz)



Channel 151 (5755MHz)

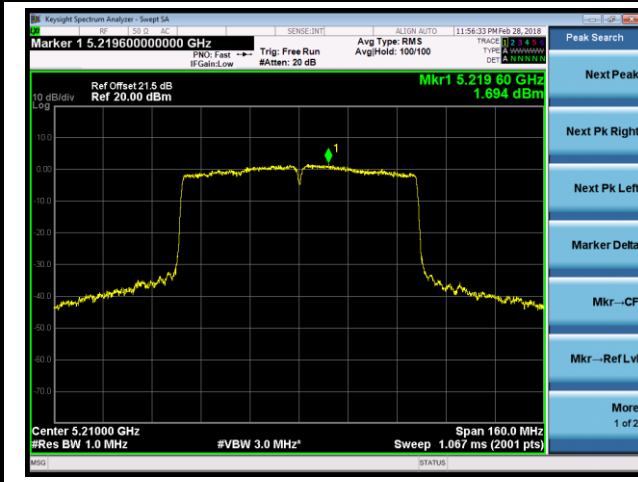


Channel 159 (5795MHz)

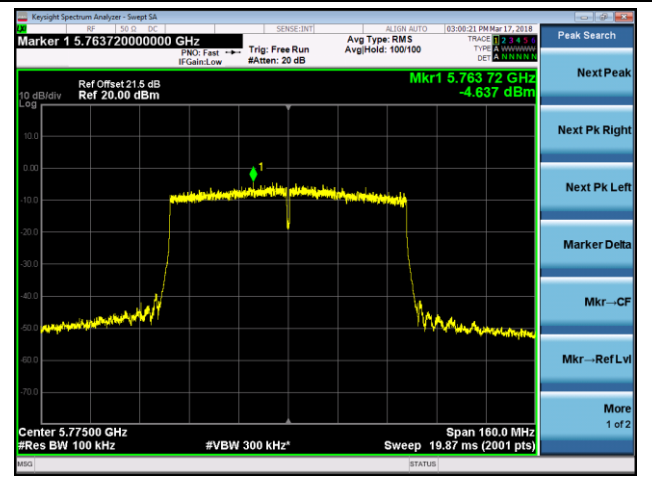


802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

Channel 42 (5210MHz)



Channel 155 (5775MHz)



7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

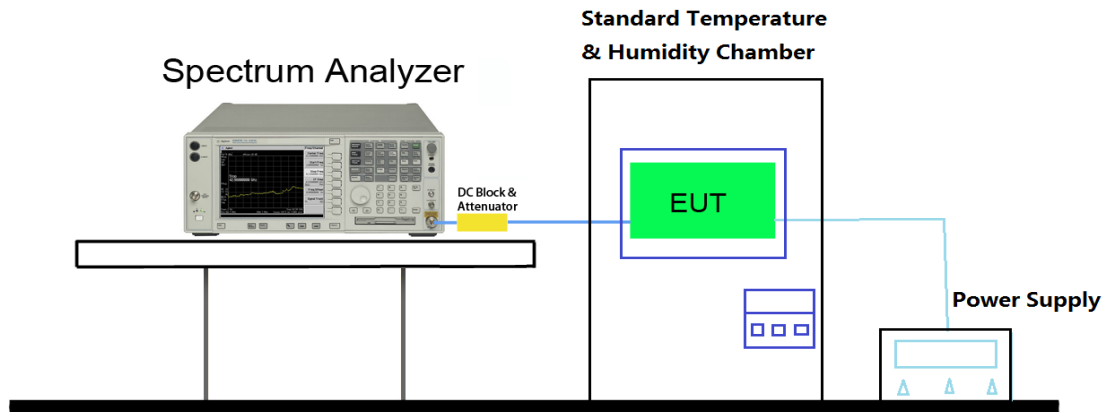
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3.Test Setup



7.7.4.Test Result

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2017/12/27	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-3.56	-2.16	-2.14	-2.00
		- 20	0.48	-0.03	0.94	-1.45
		- 10	-1.68	0.58	-2.54	-1.42
		0	2.90	2.84	2.95	2.83
		+ 10	3.85	3.75	3.64	3.29
		+ 20 (Ref)	4.64	4.31	4.17	4.02
		+ 30	3.96	3.81	3.93	3.76
		+ 40	4.97	4.64	4.52	4.56
		+ 50	4.24	4.78	3.98	3.53
115%	138	+ 20	4.44	3.79	3.82	3.89
85%	102	+ 20	4.97	4.87	4.84	4.99

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

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

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

7.8.2. Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.8.3. Test Setting

Peak Field Strength Measurements

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

Table 1 - RBW as a function of frequency

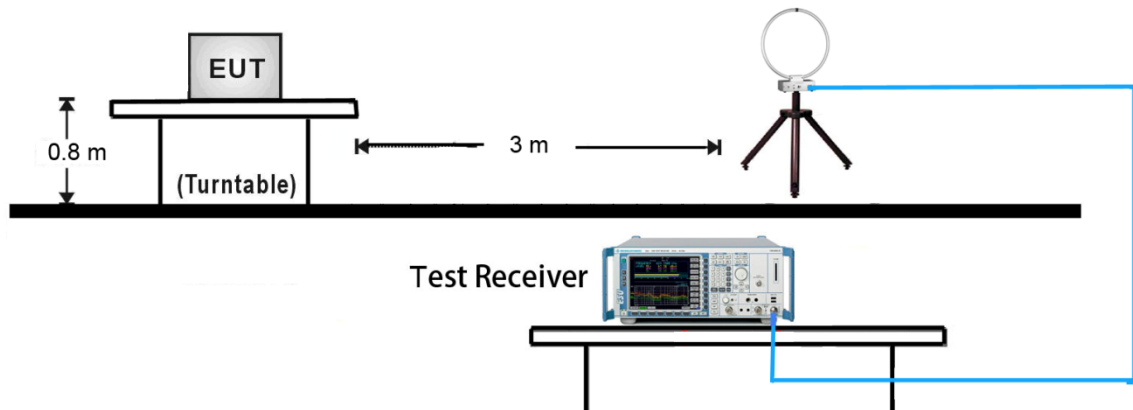
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

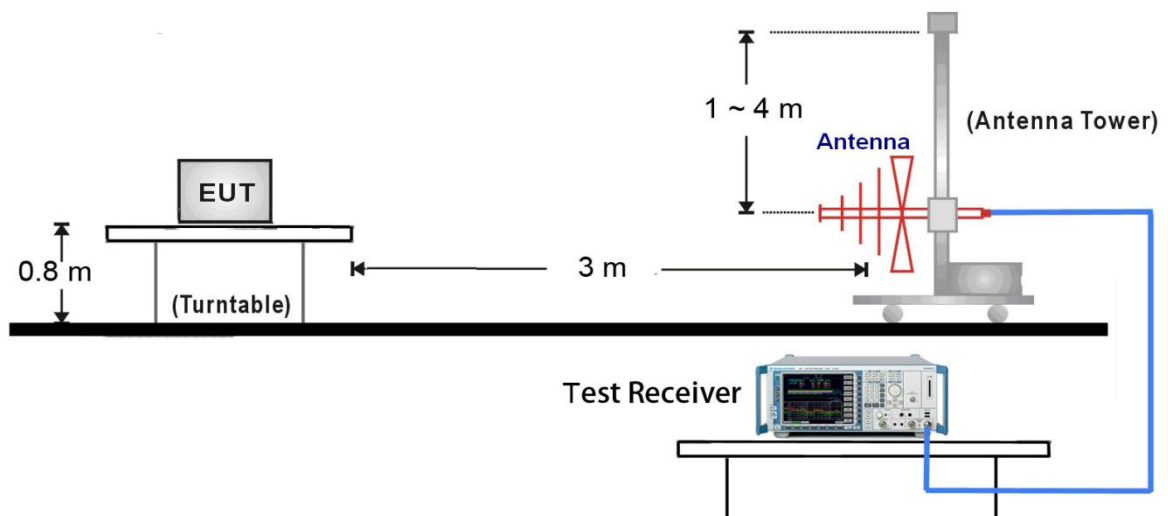
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.8.4. Test Setup

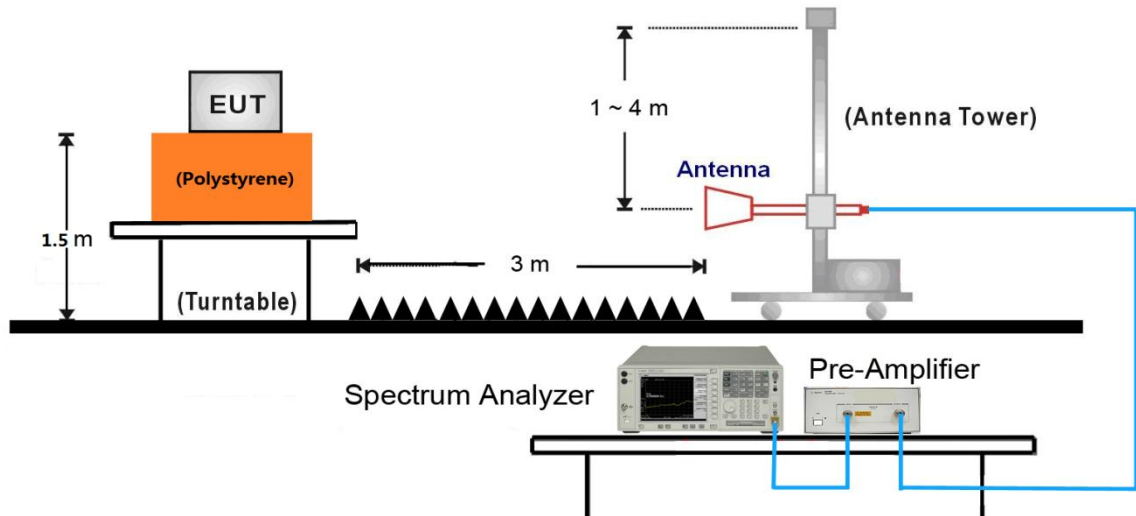
9kHz ~30MHz Test Setup:



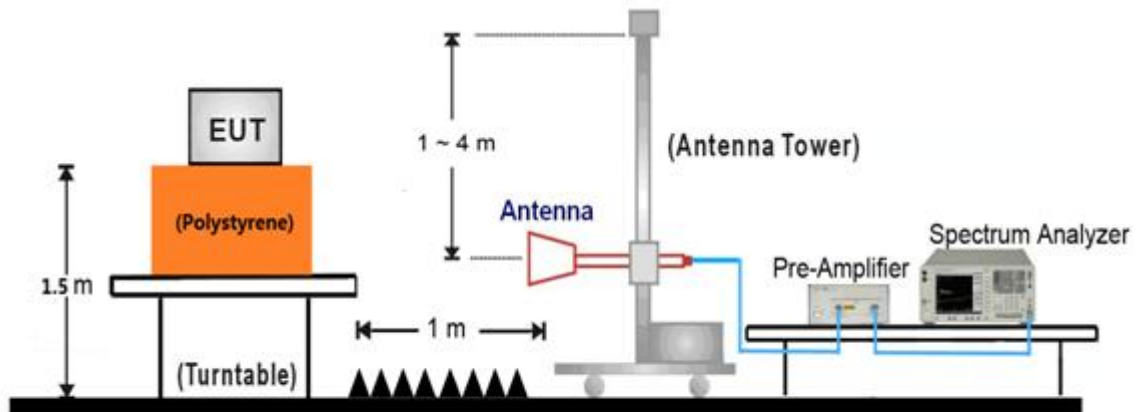
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Product	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	34.8	12.5	47.3	74.0	-26.7	Peak	Horizontal
	8395.0	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
*	10027.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
*	13010.5	31.5	19.9	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
	8352.5	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
*	10367.0	38.5	16.8	55.3	68.2	-12.9	Peak	Vertical
*	13146.5	31.8	20.1	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	36.5	12.5	49.0	74.0	-25.0	Peak	Horizontal
	8429.0	36.0	12.4	48.4	74.0	-25.6	Peak	Horizontal
*	10035.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	12951.0	34.3	19.7	54.0	68.2	-14.2	Peak	Horizontal
	7434.5	48.0	0.8	48.8	74.0	-25.2	Peak	Vertical
	8327.0	47.6	0.9	48.5	74.0	-25.5	Peak	Vertical
*	10443.5	51.2	8.0	59.2	68.2	-9.0	Peak	Vertical
*	12849.0	41.7	11.1	52.8	68.2	-15.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
	8463.0	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	10290.5	33.9	16.6	50.5	68.2	-17.7	Peak	Horizontal
*	12815.0	32.7	19.1	51.8	68.2	-16.4	Peak	Horizontal
	7409.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
	8395.0	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical
*	10486.0	40.5	17.1	57.6	68.2	-10.6	Peak	Vertical
*	12891.5	32.3	19.4	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
	8429.0	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	10061.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	13010.5	31.7	19.9	51.6	68.2	-16.6	Peak	Horizontal
	7400.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
	8352.5	35.9	12.0	47.9	74.0	-26.1	Peak	Vertical
*	10044.0	34.2	15.5	49.7	68.2	-18.5	Peak	Vertical
*	12840.5	32.5	19.2	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
	8429.0	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	10035.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	12993.5	31.6	19.8	51.4	68.2	-16.8	Peak	Horizontal
	7332.5	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical
	8463.0	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
*	10103.5	33.9	15.7	49.6	68.2	-18.6	Peak	Vertical
*	12891.5	32.7	19.4	52.1	68.2	-16.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.1	12.8	47.9	74.0	-26.1	Peak	Horizontal
	8412.0	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	9942.0	35.4	15.3	50.7	68.2	-17.5	Peak	Horizontal
*	12781.0	32.8	19.0	51.8	68.2	-16.4	Peak	Horizontal
	8386.5	34.8	12.1	46.9	74.0	-27.1	Peak	Vertical
	11642.0	38.6	19.4	58.0	74.0	-16.0	Peak	Vertical
*	12866.0	31.9	19.3	51.2	68.2	-17.0	Peak	Vertical
*	13605.5	33.4	21.8	55.2	68.2	-13.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	37.5	12.8	50.3	74.0	-23.7	Peak	Horizontal
	8454.5	37.3	12.5	49.8	74.0	-24.2	Peak	Horizontal
*	9967.5	35.9	15.3	51.2	68.2	-17.0	Peak	Horizontal
*	12721.5	34.1	18.8	52.9	68.2	-15.3	Peak	Horizontal
	7468.5	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical
	8361.0	37.8	12.0	49.8	74.0	-24.2	Peak	Vertical
*	10358.5	43.5	16.8	60.3	68.2	-7.9	Peak	Vertical
*	12900.0	34.6	19.5	54.1	68.2	-14.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	37.5	12.4	49.9	74.0	-24.1	Peak	Horizontal
	8386.5	36.4	12.1	48.5	74.0	-25.5	Peak	Horizontal
*	10435.0	38.7	17.0	55.7	68.2	-12.5	Peak	Horizontal
*	12730.0	32.9	18.8	51.7	68.2	-16.5	Peak	Horizontal
	7485.5	37.5	12.8	50.3	74.0	-23.7	Peak	Vertical
	8284.5	38.3	11.9	50.2	74.0	-23.8	Peak	Vertical
*	10443.5	45.8	17.1	62.9	68.2	-5.3	Peak	Vertical
*	12891.5	33.4	19.4	52.8	68.2	-15.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
	8344.0	37.1	12.0	49.1	74.0	-24.9	Peak	Horizontal
*	9976.0	37.8	15.3	53.1	68.2	-15.1	Peak	Horizontal
*	12993.5	33.4	19.8	53.2	68.2	-15.0	Peak	Horizontal
	7502.5	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
	8310.0	36.1	11.9	48.0	74.0	-26.0	Peak	Vertical
*	10477.5	44.1	17.1	61.2	68.2	-7.0	Peak	Vertical
*	12747.0	35.3	18.9	54.2	68.2	-14.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	36.5	12.6	49.1	74.0	-24.9	Peak	Horizontal
	8454.5	35.8	12.5	48.3	74.0	-25.7	Peak	Horizontal
*	9993.0	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	12789.5	33.5	19.0	52.5	68.2	-15.7	Peak	Horizontal
	8386.5	36.6	12.1	48.7	74.0	-25.3	Peak	Vertical
	11489.0	40.0	19.3	59.3	74.0	-14.7	Peak	Vertical
*	12721.5	32.7	18.8	51.5	68.2	-16.7	Peak	Vertical
*	13486.5	32.5	21.7	54.2	68.2	-14.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
	8276.0	37.0	11.9	48.9	74.0	-25.1	Peak	Horizontal
*	10078.0	36.3	15.6	51.9	68.2	-16.3	Peak	Horizontal
*	12951.0	32.7	19.7	52.4	68.2	-15.8	Peak	Horizontal
	8361.0	35.9	12.0	47.9	74.0	-26.1	Peak	Vertical
	11565.5	40.3	19.5	59.8	74.0	-14.2	Peak	Vertical
*	13019.0	31.9	19.9	51.8	68.2	-16.4	Peak	Vertical
*	13486.5	32.1	21.7	53.8	68.2	-14.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	8463.0	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	9993.0	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	12840.5	34.0	19.2	53.2	68.2	-15.0	Peak	Horizontal
	8437.5	34.8	12.4	47.2	74.0	-26.8	Peak	Vertical
	11642.0	40.5	19.4	59.9	74.0	-14.1	Peak	Vertical
*	12781.0	33.1	19.0	52.1	68.2	-16.1	Peak	Vertical
*	13435.5	32.0	21.6	53.6	68.2	-14.6	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
	8310.0	36.7	11.9	48.6	74.0	-25.4	Peak	Horizontal
*	10095.0	34.6	15.7	50.3	68.2	-17.9	Peak	Horizontal
*	12951.0	33.4	19.7	53.1	68.2	-15.1	Peak	Horizontal
	7307.0	36.2	12.3	48.5	74.0	-25.5	Peak	Vertical
	8437.5	34.6	12.4	47.0	74.0	-27.0	Peak	Vertical
*	10256.5	33.7	16.5	50.2	68.2	-18.0	Peak	Vertical
*	12951.0	32.2	19.7	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7264.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
	8199.5	36.7	12.0	48.7	74.0	-25.3	Peak	Horizontal
*	9772.0	35.2	14.9	50.1	68.2	-18.1	Peak	Horizontal
*	12951.0	32.1	19.7	51.8	68.2	-16.4	Peak	Horizontal
	7409.0	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical
	8471.5	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
*	10452.0	38.0	17.1	55.1	68.2	-13.1	Peak	Vertical
*	12798.0	32.5	19.1	51.6	68.2	-16.6	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
	8429.0	35.6	12.4	48.0	74.0	-26.0	Peak	Horizontal
*	9857.0	34.0	16.2	50.2	68.2	-18.0	Peak	Horizontal
*	12840.5	33.5	19.2	52.7	68.2	-15.5	Peak	Horizontal
	7451.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	8403.5	36.2	12.2	48.4	74.0	-25.6	Peak	Vertical
*	9916.5	34.5	15.3	49.8	68.2	-18.4	Peak	Vertical
*	12798.0	32.6	19.1	51.7	68.2	-16.5	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	36.1	12.6	48.7	74.0	-25.3	Peak	Horizontal
	8335.5	35.3	11.9	47.2	74.0	-26.8	Peak	Horizontal
*	9908.0	34.9	15.3	50.2	68.2	-18.0	Peak	Horizontal
*	12798.0	32.6	19.1	51.7	68.2	-16.5	Peak	Horizontal
	8429.0	36.0	12.4	48.4	74.0	-25.6	Peak	Vertical
	11599.5	37.4	19.4	56.8	74.0	-17.2	Peak	Vertical
*	12721.5	32.8	18.8	51.6	68.2	-16.6	Peak	Vertical
*	13546.0	32.5	21.9	54.4	68.2	-13.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
	8276.0	36.2	11.9	48.1	74.0	-25.9	Peak	Horizontal
*	10103.5	34.4	15.7	50.1	68.2	-18.1	Peak	Horizontal
*	12781.0	33.1	19.0	52.1	68.2	-16.1	Peak	Horizontal
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Vertical
	8361.0	37.2	12.0	49.2	74.0	-24.8	Peak	Vertical
*	10001.5	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	12781.0	33.1	19.0	52.1	68.2	-16.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	8429.0	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
*	10256.5	33.6	16.5	50.1	68.2	-18.1	Peak	Horizontal
*	13078.5	31.4	20.0	51.4	68.2	-16.8	Peak	Horizontal
	7638.5	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical
	8369.5	36.2	12.1	48.3	74.0	-25.7	Peak	Vertical
*	10435.0	39.3	17.0	56.3	68.2	-11.9	Peak	Vertical
*	12908.5	32.4	19.5	51.9	68.2	-16.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
	8369.5	35.1	12.1	47.2	74.0	-26.8	Peak	Horizontal
*	9772.0	33.8	14.9	48.7	68.2	-19.5	Peak	Horizontal
*	12891.5	32.1	19.4	51.5	68.2	-16.7	Peak	Horizontal
	7485.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	8352.5	35.2	12.0	47.2	74.0	-26.8	Peak	Vertical
*	9993.0	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	12891.5	32.1	19.4	51.5	68.2	-16.7	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
	8480.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	9780.5	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	12721.5	32.7	18.8	51.5	68.2	-16.7	Peak	Horizontal
	7409.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
	8361.0	36.2	12.0	48.2	74.0	-25.8	Peak	Vertical
*	9763.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	12721.5	32.4	18.8	51.2	68.2	-17.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	35.9	12.5	48.4	74.0	-25.6	Peak	Horizontal
	8310.0	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
*	10146.0	34.0	16.0	50.0	68.2	-18.2	Peak	Horizontal
*	12942.5	31.8	19.7	51.5	68.2	-16.7	Peak	Horizontal
	9440.5	36.0	14.4	50.4	74.0	-23.6	Peak	Vertical
	11574.0	37.1	19.5	56.6	74.0	-17.4	Peak	Vertical
*	12730.0	33.0	18.8	51.8	68.2	-16.4	Peak	Vertical
*	13478.0	31.6	21.7	53.3	68.2	-14.9	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	8412.0	35.1	12.3	47.4	74.0	-26.6	Peak	Horizontal
*	9950.5	34.7	15.3	50.0	68.2	-18.2	Peak	Horizontal
*	12798.0	32.8	19.1	51.9	68.2	-16.3	Peak	Horizontal
	8352.5	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
	11650.5	39.5	19.3	58.8	74.0	-15.2	Peak	Vertical
*	12840.5	32.6	19.2	51.8	68.2	-16.4	Peak	Vertical
*	13554.5	31.6	21.9	53.5	68.2	-14.7	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	8488.5	34.4	12.7	47.1	74.0	-26.9	Peak	Horizontal
*	10035.5	34.5	15.5	50.0	68.2	-18.2	Peak	Horizontal
*	12840.5	34.0	19.2	53.2	68.2	-15.0	Peak	Horizontal
	7434.5	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	8165.5	36.9	12.1	49.0	74.0	-25.0	Peak	Vertical
*	10120.5	34.9	15.8	50.7	68.2	-17.5	Peak	Vertical
*	12840.5	34.0	19.2	53.2	68.2	-15.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
	8318.5	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
*	9729.5	34.7	14.7	49.4	68.2	-18.8	Peak	Horizontal
*	12968.0	32.7	19.8	52.5	68.2	-15.7	Peak	Horizontal
	7468.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8429.0	35.9	12.4	48.3	74.0	-25.7	Peak	Vertical
*	10452.0	39.0	17.1	56.1	68.2	-12.1	Peak	Vertical
*	12840.5	33.0	19.2	52.2	68.2	-16.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
	8344.0	35.3	12.0	47.3	74.0	-26.7	Peak	Horizontal
*	10103.5	34.0	15.7	49.7	68.2	-18.5	Peak	Horizontal
*	12721.5	34.1	18.8	52.9	68.2	-15.3	Peak	Horizontal
	7468.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8242.0	36.4	11.9	48.3	74.0	-25.7	Peak	Vertical
*	10044.0	34.8	15.5	50.3	68.2	-17.9	Peak	Vertical
*	12721.5	34.1	18.8	52.9	68.2	-15.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
	8301.5	35.3	11.9	47.2	74.0	-26.8	Peak	Horizontal
*	9814.5	34.7	15.4	50.1	68.2	-18.1	Peak	Horizontal
*	12951.0	31.7	19.7	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
	8361.0	35.5	12.0	47.5	74.0	-26.5	Peak	Vertical
*	10171.5	33.9	16.1	50.0	68.2	-18.2	Peak	Vertical
*	12951.0	31.7	19.7	51.4	68.2	-16.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	8352.5	35.8	12.0	47.8	74.0	-26.2	Peak	Horizontal
*	10103.5	33.7	15.7	49.4	68.2	-18.8	Peak	Horizontal
*	12781.0	32.4	19.0	51.4	68.2	-16.8	Peak	Horizontal
	7400.5	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
	8463.0	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
*	10120.5	34.4	15.8	50.2	68.2	-18.0	Peak	Vertical
*	12781.0	32.4	19.0	51.4	68.2	-16.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.9	12.6	47.5	74.0	-26.5	Peak	Horizontal
	8352.5	36.1	12.0	48.1	74.0	-25.9	Peak	Horizontal
*	10035.5	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
*	12891.5	32.8	19.4	52.2	68.2	-16.0	Peak	Horizontal
	7375.0	36.1	12.5	48.6	74.0	-25.4	Peak	Vertical
	8276.0	36.6	11.9	48.5	74.0	-25.5	Peak	Vertical
*	10035.5	35.7	15.5	51.2	68.2	-17.0	Peak	Vertical
*	12891.5	32.8	19.4	52.2	68.2	-16.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.9	12.8	44.7	74.0	-29.3	Peak	Horizontal
	8310.0	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
*	10307.5	30.1	16.6	46.7	68.2	-21.5	Peak	Horizontal
*	12891.5	29.7	19.4	49.1	68.2	-19.1	Peak	Horizontal
	7400.5	32.1	12.6	44.7	74.0	-29.3	Peak	Vertical
	8454.5	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
*	9857.0	30.4	16.2	46.6	68.2	-21.6	Peak	Vertical
*	12840.5	29.3	19.2	48.5	68.2	-19.7	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
	8318.5	32.7	11.9	44.6	74.0	-29.4	Peak	Horizontal
*	10010.0	32.5	15.4	47.9	68.2	-20.3	Peak	Horizontal
*	12840.5	29.3	19.2	48.5	68.2	-19.7	Peak	Horizontal
	7443.0	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	8369.5	32.7	12.1	44.8	74.0	-29.2	Peak	Vertical
*	9789.0	30.7	15.0	45.7	68.2	-22.5	Peak	Vertical
*	12840.5	29.1	19.2	48.3	68.2	-19.9	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	31.7	12.5	44.2	74.0	-29.8	Peak	Horizontal
	8352.5	31.8	12.0	43.8	74.0	-30.2	Peak	Horizontal
*	10316.0	30.8	16.7	47.5	68.2	-20.7	Peak	Horizontal
*	12840.5	29.1	19.2	48.3	68.2	-19.9	Peak	Horizontal
	7383.5	31.7	12.5	44.2	74.0	-29.8	Peak	Vertical
	8199.5	31.0	12.0	43.0	74.0	-31.0	Peak	Vertical
*	9823.0	30.4	15.6	46.0	68.2	-22.2	Peak	Vertical
*	12781.0	29.2	19.0	48.2	68.2	-20.0	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	32.5	12.6	45.1	74.0	-28.9	Peak	Horizontal
	8429.0	31.4	12.4	43.8	74.0	-30.2	Peak	Horizontal
*	10248.0	31.9	16.4	48.3	68.2	-19.9	Peak	Horizontal
*	12781.0	29.2	19.0	48.2	68.2	-20.0	Peak	Horizontal
	7400.5	32.5	12.6	45.1	74.0	-28.9	Peak	Vertical
	8403.5	32.6	12.2	44.8	74.0	-29.2	Peak	Vertical
*	9814.5	31.2	15.4	46.6	68.2	-21.6	Peak	Vertical
*	12857.5	30.2	19.3	49.5	68.2	-18.7	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	32.1	12.4	44.5	74.0	-29.5	Peak	Horizontal
	8386.5	32.6	12.1	44.7	74.0	-29.3	Peak	Horizontal
*	10333.0	31.0	16.7	47.7	68.2	-20.5	Peak	Horizontal
*	12857.5	30.2	19.3	49.5	68.2	-18.7	Peak	Horizontal
	7698.0	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
	8310.0	32.0	11.9	43.9	74.0	-30.1	Peak	Vertical
*	10044.0	30.8	15.5	46.3	68.2	-21.9	Peak	Vertical
*	12840.5	29.6	19.2	48.8	68.2	-19.4	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.3	12.7	45.0	74.0	-29.0	Peak	Horizontal
	8276.0	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
*	10035.5	32.3	15.5	47.8	68.2	-20.4	Peak	Horizontal
*	12840.5	29.6	19.2	48.8	68.2	-19.4	Peak	Horizontal
	7434.5	32.3	12.7	45.0	74.0	-29.0	Peak	Vertical
	8301.5	31.5	11.9	43.4	74.0	-30.6	Peak	Vertical
*	10061.0	31.1	15.6	46.7	68.2	-21.5	Peak	Vertical
*	12721.5	29.1	18.8	47.9	68.2	-20.3	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.4	12.7	45.1	74.0	-28.9	Peak	Horizontal
	8216.5	32.9	11.9	44.8	74.0	-29.2	Peak	Horizontal
*	10171.5	32.7	16.1	48.8	68.2	-19.4	Peak	Horizontal
*	12721.5	29.1	18.8	47.9	68.2	-20.3	Peak	Horizontal
	7434.5	32.4	12.7	45.1	74.0	-28.9	Peak	Vertical
	8429.0	31.7	12.4	44.1	74.0	-29.9	Peak	Vertical
*	9857.0	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
*	13027.5	29.7	19.9	49.6	68.2	-18.6	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	8352.5	31.1	12.0	43.1	74.0	-30.9	Peak	Horizontal
*	10401.0	31.4	16.9	48.3	68.2	-19.9	Peak	Horizontal
*	13027.5	29.7	19.9	49.6	68.2	-18.6	Peak	Horizontal
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	8437.5	30.8	12.4	43.2	74.0	-30.8	Peak	Vertical
*	10078.0	31.1	15.6	46.7	68.2	-21.5	Peak	Vertical
*	12891.5	29.7	19.4	49.1	68.2	-19.1	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	8386.5	32.3	12.1	44.4	74.0	-29.6	Peak	Horizontal
*	10171.5	32.5	16.1	48.6	68.2	-19.6	Peak	Horizontal
*	12891.5	29.7	19.4	49.1	68.2	-19.1	Peak	Horizontal
	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Vertical
	8429.0	32.0	12.4	44.4	74.0	-29.6	Peak	Vertical
*	9806.0	31.0	15.2	46.2	68.2	-22.0	Peak	Vertical
*	13010.5	29.7	19.9	49.6	68.2	-18.6	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
	8352.5	33.1	12.0	45.1	74.0	-28.9	Peak	Horizontal
*	10214.0	31.3	16.3	47.6	68.2	-20.6	Peak	Horizontal
*	13010.5	29.7	19.9	49.6	68.2	-18.6	Peak	Horizontal
	7536.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
	8352.5	33.3	12.0	45.3	74.0	-28.7	Peak	Vertical
*	9678.5	32.3	14.6	46.9	68.2	-21.3	Peak	Vertical
*	12832.0	30.2	19.2	49.4	68.2	-18.8	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.6	12.7	45.3	74.0	-28.7	Peak	Horizontal
	8293.0	33.2	11.9	45.1	74.0	-28.9	Peak	Horizontal
*	10044.0	32.7	15.5	48.2	68.2	-20.0	Peak	Horizontal
*	12832.0	30.2	19.2	49.4	68.2	-18.8	Peak	Horizontal
	7434.5	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	8463.0	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
*	9899.5	32.0	15.4	47.4	68.2	-20.8	Peak	Vertical
*	12721.5	30.2	18.8	49.0	68.2	-19.2	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	AC2300 Wireless MU-MIMO Gigabit Router	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/02/07
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	31.9	12.6	44.5	74.0	-29.5	Peak	Horizontal
	8361.0	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
*	10120.5	33.2	15.8	49.0	68.2	-19.2	Peak	Horizontal
*	12721.5	30.2	18.8	49.0	68.2	-19.2	Peak	Horizontal
	7409.0	31.9	12.6	44.5	74.0	-29.5	Peak	Vertical
	8242.0	33.0	11.9	44.9	74.0	-29.1	Peak	Vertical
*	10052.5	31.2	15.5	46.7	68.2	-21.5	Peak	Vertical
*	13010.5	31.3	19.9	51.2	68.2	-17.0	Peak	Vertical

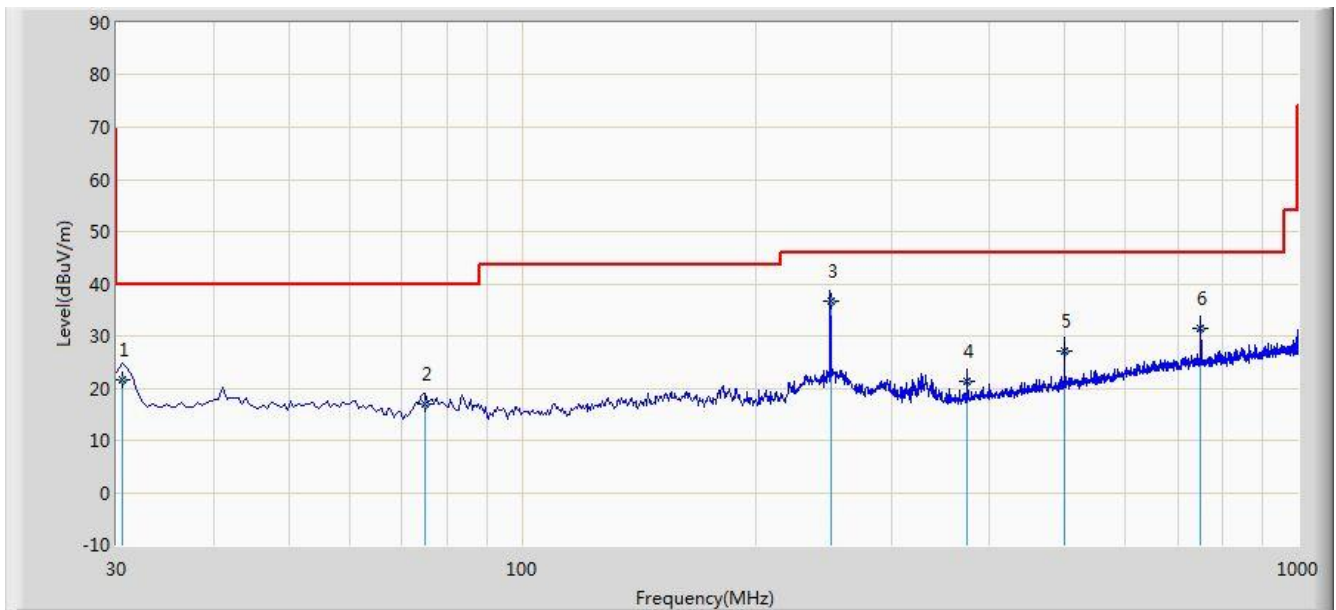
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/01/19 - 14:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3	



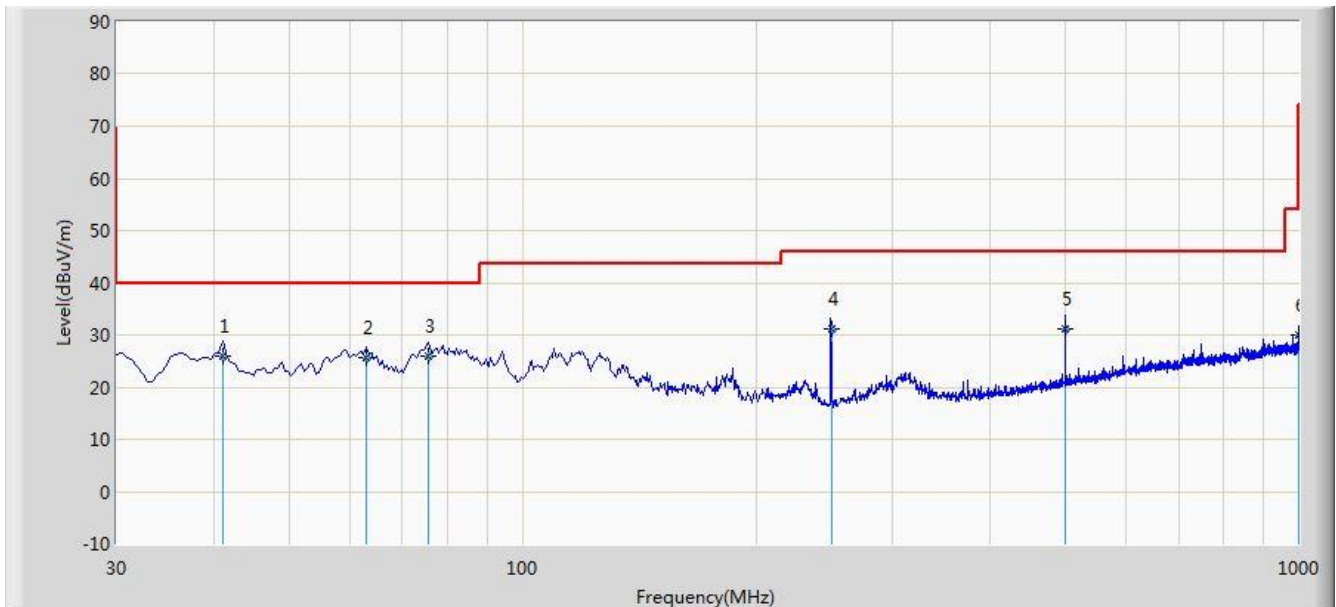
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.480	21.728	7.990	-18.272	40.000	13.738	QP
2			75.105	17.003	6.170	-22.997	40.000	10.833	QP
3		*	250.130	36.666	23.640	-9.334	46.000	13.026	QP
4			375.085	21.290	5.190	-24.710	46.000	16.100	QP
5			500.100	26.981	8.410	-19.019	46.000	18.572	QP
6			750.200	31.394	8.590	-14.606	46.000	22.803	QP

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

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

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

Site: AC1	Time: 2018/01/19 - 14:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			41.150	25.802	11.250	-14.198	40.000	14.552	QP
2			62.980	25.584	12.680	-14.416	40.000	12.904	QP
3		*	75.590	25.940	15.180	-14.060	40.000	10.760	QP
4			250.000	31.283	18.260	-14.717	46.000	13.023	QP
5			500.160	31.172	12.600	-14.828	46.000	18.573	QP
6			1000.000	29.905	4.740	-24.095	54.000	25.165	QP

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

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

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

7.9. Radiated RestrictedBand 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	8.25 - 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 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

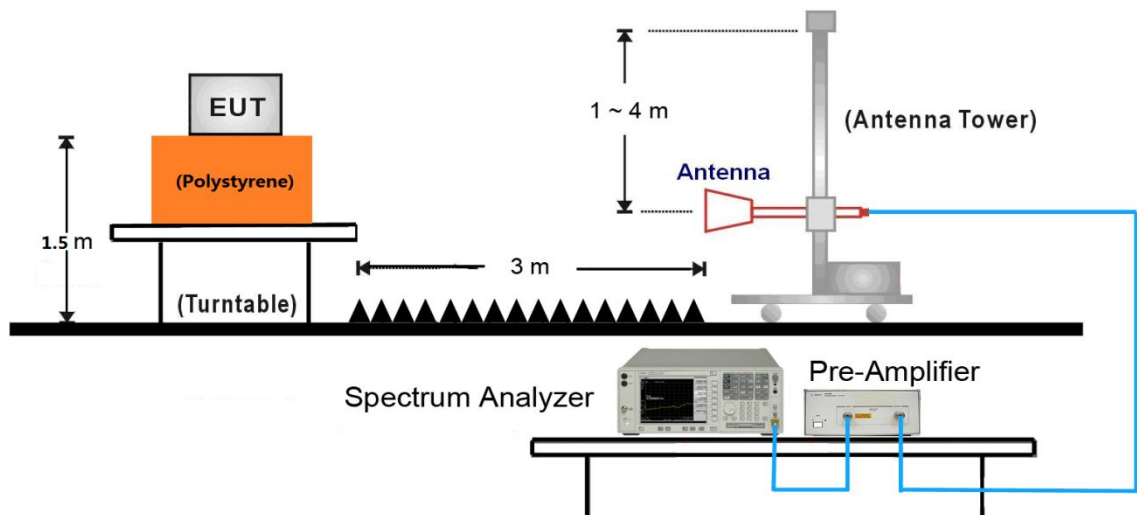
Peak Measurements above 1GHz

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 Field Strength Measurements

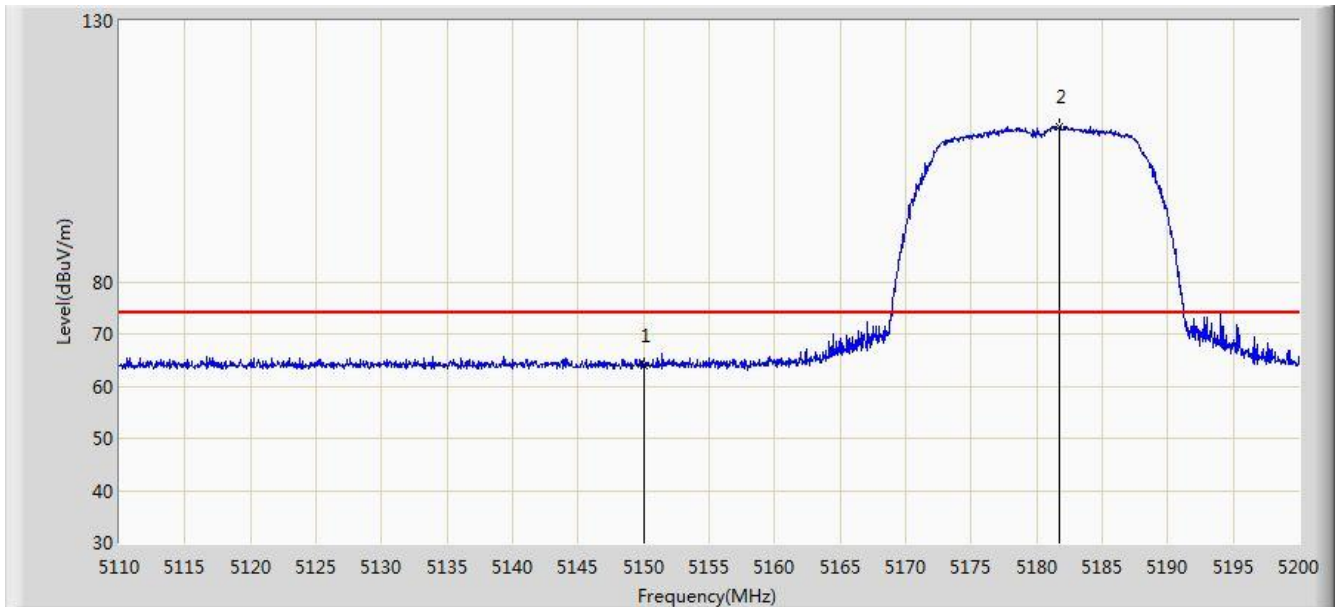
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.9.4.Test Setup



7.9.5.Test Result

Site: AC1	Time: 2018/01/26 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

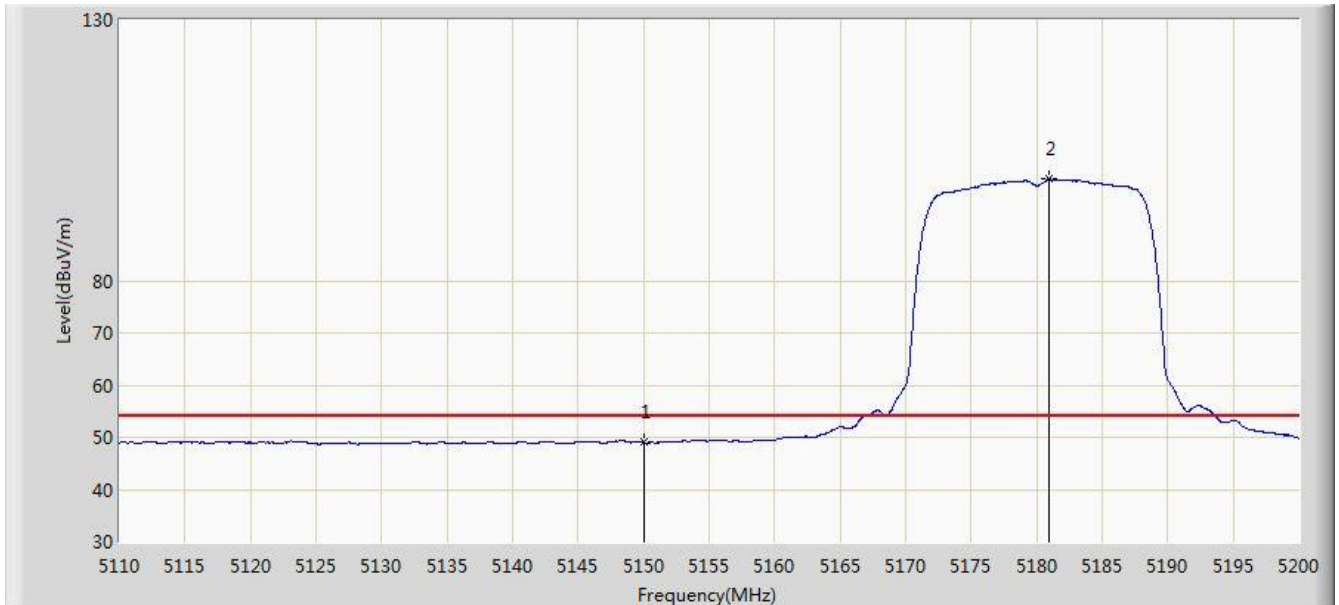


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	64.038	59.869	-9.962	74.000	4.170	PK
2		*	5181.730	109.678	105.615	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2018/01/26 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

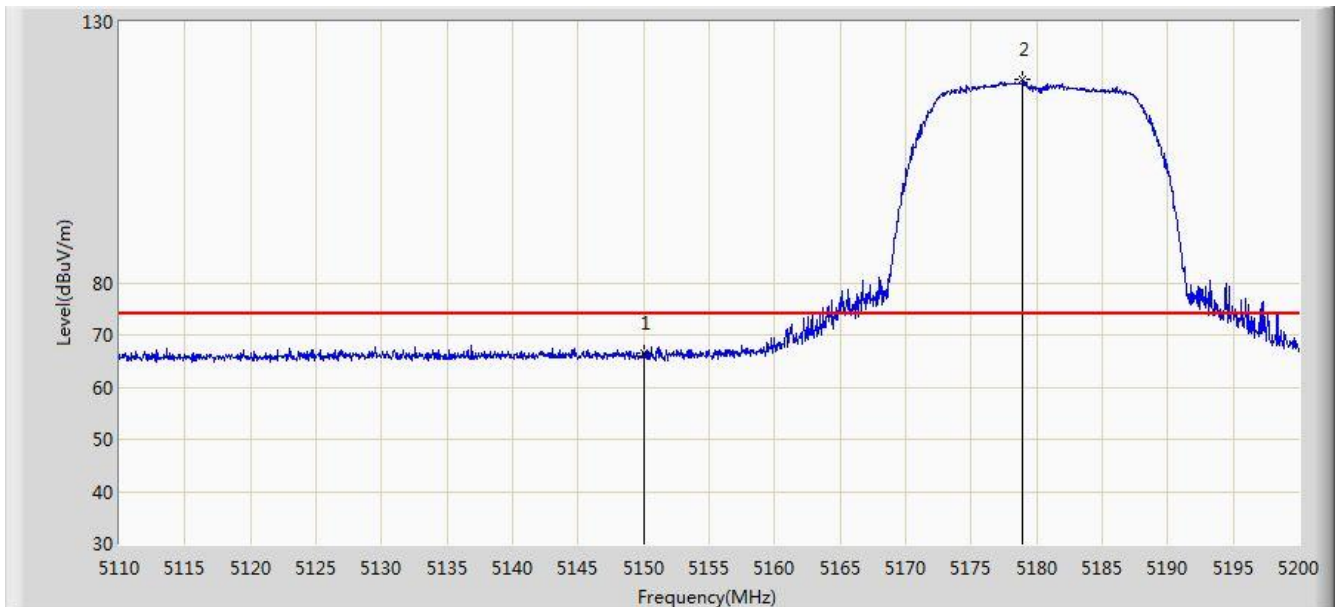


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	49.031	44.862	-4.969	54.000	4.170	AV
2		*	5180.920	99.482	95.416	N/A	N/A	4.066	AV

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

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

Site: AC1	Time: 2018/01/26 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

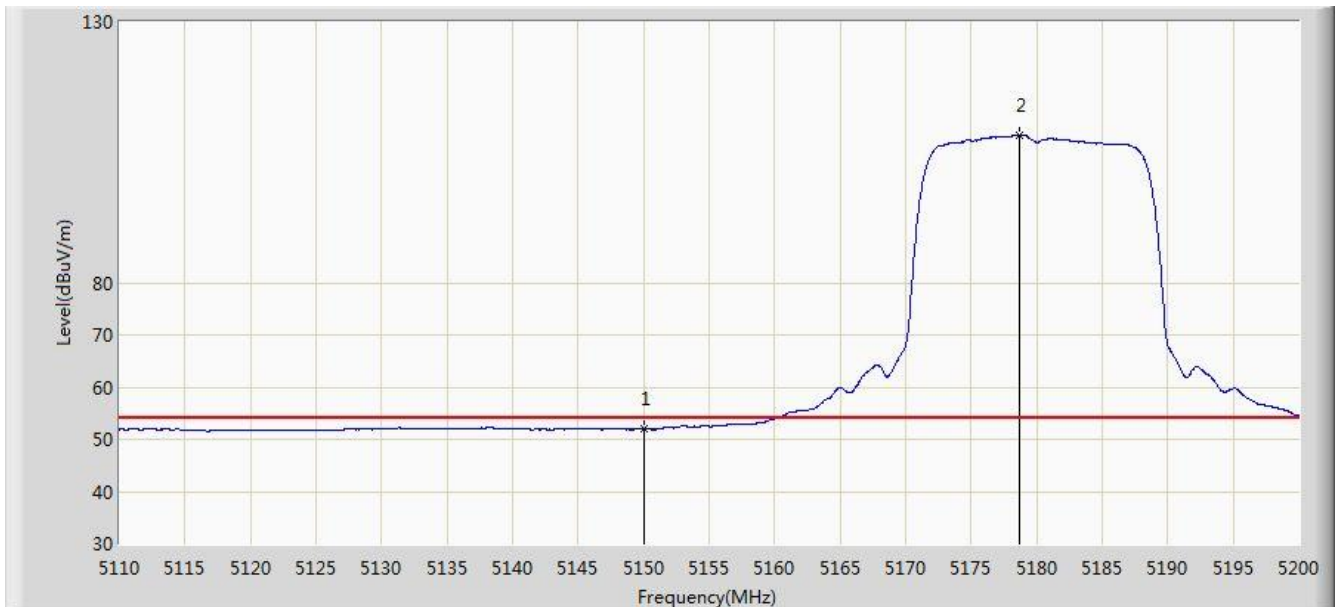


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	66.420	62.251	-7.580	74.000	4.170	PK
2		*	5178.940	118.964	114.891	N/A	N/A	4.072	PK

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

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

Site: AC1	Time: 2018/01/26 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

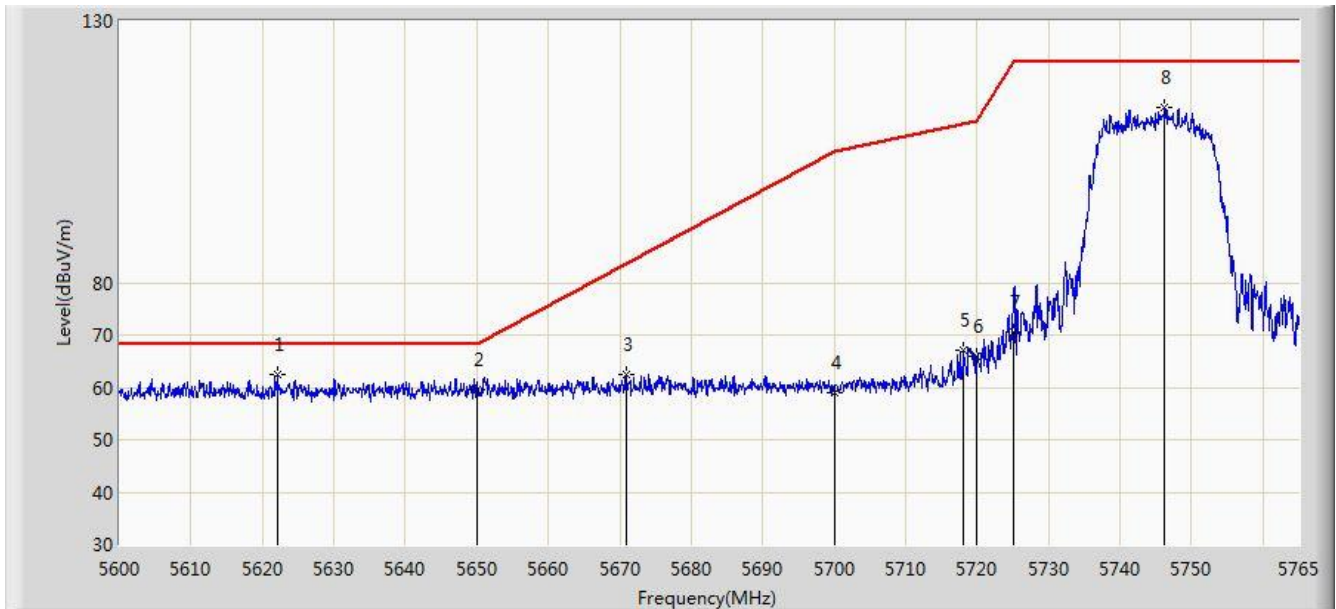


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	51.888	47.719	-2.112	54.000	4.170	AV
2		*	5178.670	108.274	104.200	N/A	N/A	4.073	AV

Test Mode: 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: 2017/12/20 - 07:14
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

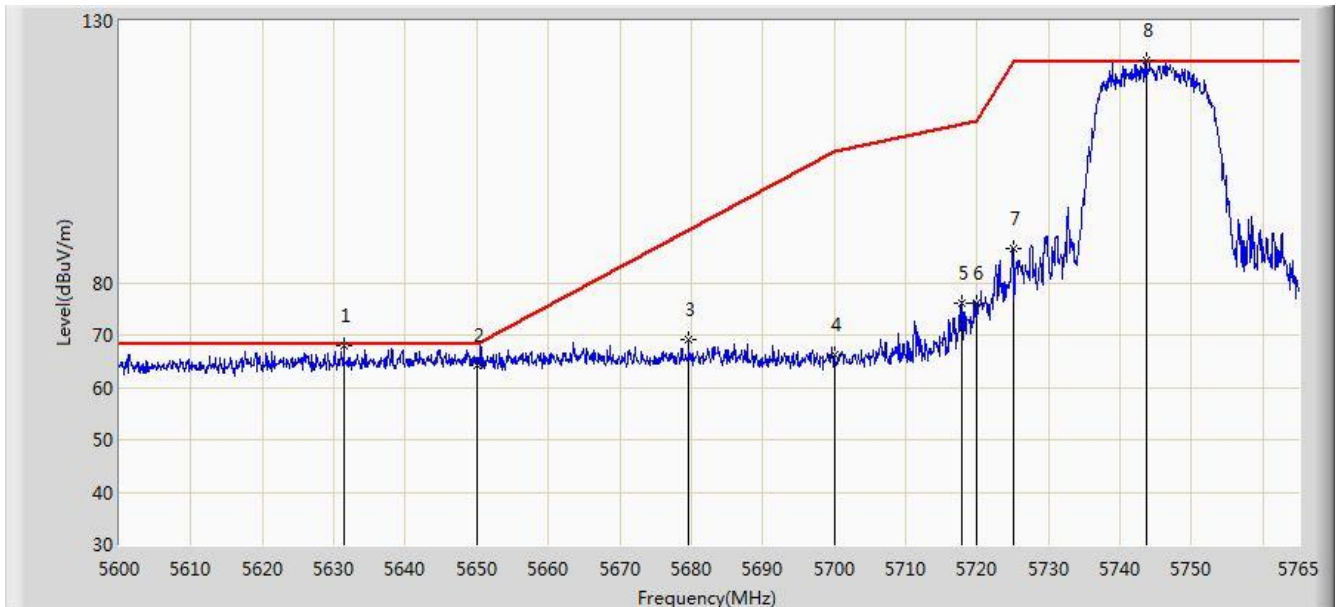


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5622.110	62.586	57.999	-5.614	68.200	4.586	PK
2			5650.000	59.486	54.815	-8.714	68.200	4.671	PK
3			5670.868	62.503	57.752	-21.179	83.682	4.750	PK
4			5700.000	59.095	54.217	-46.105	105.200	4.878	PK
5			5718.058	67.079	62.095	-43.178	110.257	4.985	PK
6			5720.000	66.063	61.066	-44.737	110.800	4.997	PK
7			5725.000	70.597	65.568	-51.603	122.200	5.029	PK
8			5746.272	113.419	108.257	N/A	N/A	5.163	PK

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

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

Site: AC1	Time: 2017/12/20 - 07:10
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

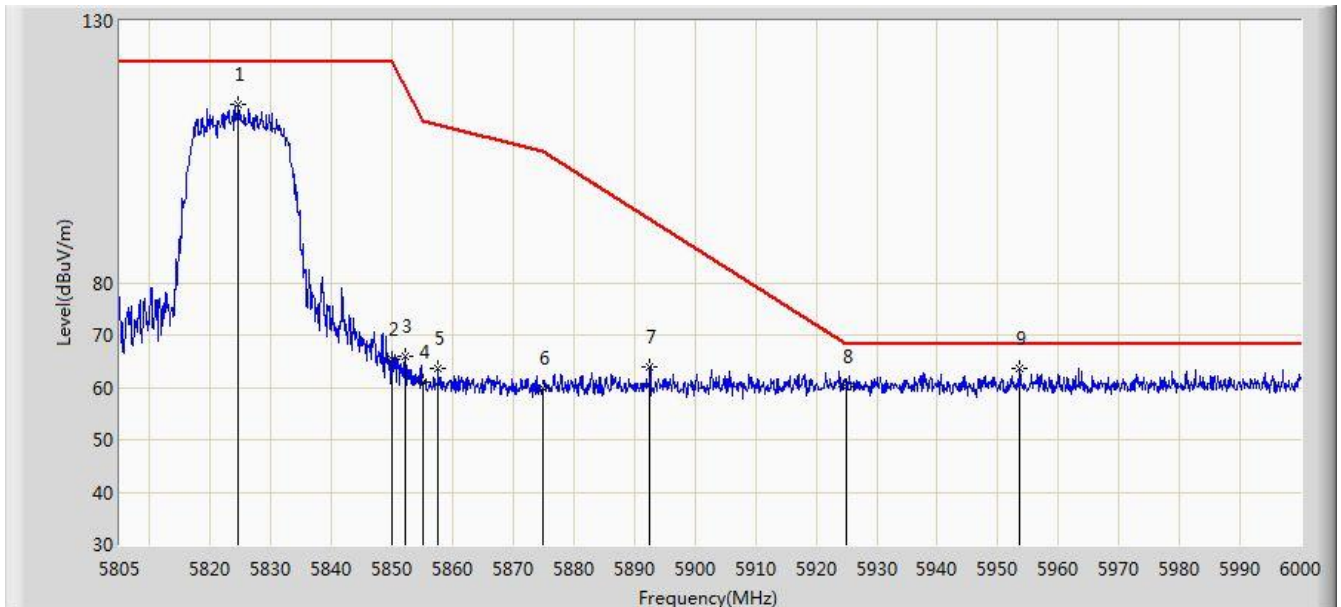


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5631.433	67.831	63.218	-0.369	68.200	4.613	PK
2			5650.000	64.189	59.518	-4.011	68.200	4.671	PK
3			5679.612	69.180	64.394	-20.973	90.152	4.785	PK
4			5700.000	66.128	61.250	-39.072	105.200	4.878	PK
5			5717.810	76.174	71.191	-34.014	110.188	4.983	PK
6			5720.000	76.018	71.021	-34.782	110.800	4.997	PK
7			5725.000	86.495	81.466	-35.705	122.200	5.029	PK
8		*	5743.632	122.321	117.174	N/A	N/A	5.147	PK

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

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

Site: AC1	Time: 2017/12/20 - 06:51
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

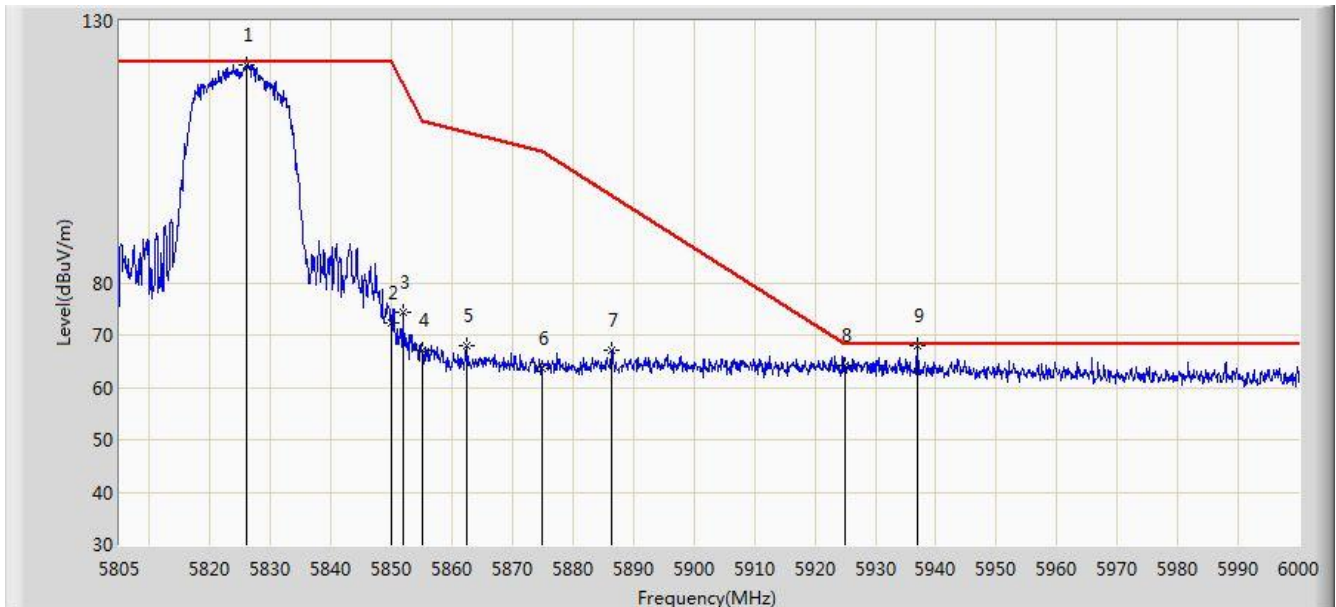


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.598	114.130	108.544	N/A	N/A	5.585	PK
2			5850.000	65.414	59.688	-56.786	122.200	5.726	PK
3			5852.190	65.841	60.106	-51.365	117.206	5.735	PK
4			5855.000	60.964	55.218	-49.836	110.800	5.746	PK
5			5857.553	63.565	57.808	-46.519	110.084	5.756	PK
6			5875.000	59.956	54.136	-45.244	105.200	5.820	PK
7			5892.555	64.000	58.120	-28.173	92.174	5.880	PK
8			5925.000	60.221	54.255	-7.979	68.200	5.967	PK
9		*	5953.687	63.716	57.683	-4.484	68.200	6.032	PK

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

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

Site: AC1	Time: 2017/12/20 - 06:42
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

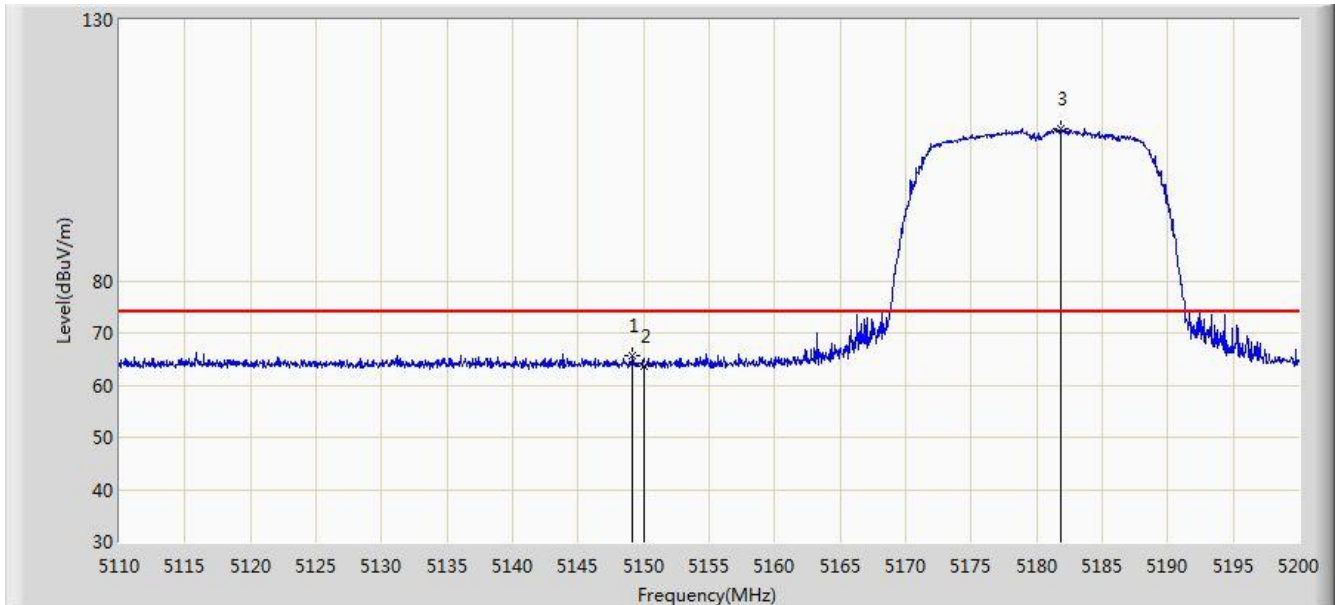


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.060	121.664	116.070	N/A	N/A	5.594	PK
2			5850.000	72.462	66.736	-49.738	122.200	5.726	PK
3			5851.897	74.469	68.736	-43.404	117.874	5.734	PK
4			5855.000	67.078	61.332	-43.722	110.800	5.746	PK
5			5862.525	67.966	62.189	-40.725	108.691	5.777	PK
6			5875.000	63.598	57.778	-41.602	105.200	5.820	PK
7			5886.413	67.137	61.278	-29.590	96.727	5.858	PK
8			5925.000	64.102	58.136	-4.098	68.200	5.967	PK
9		*	5936.917	67.938	61.942	-0.262	68.200	5.996	PK

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

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

Site: AC1	Time: 2018/01/26 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

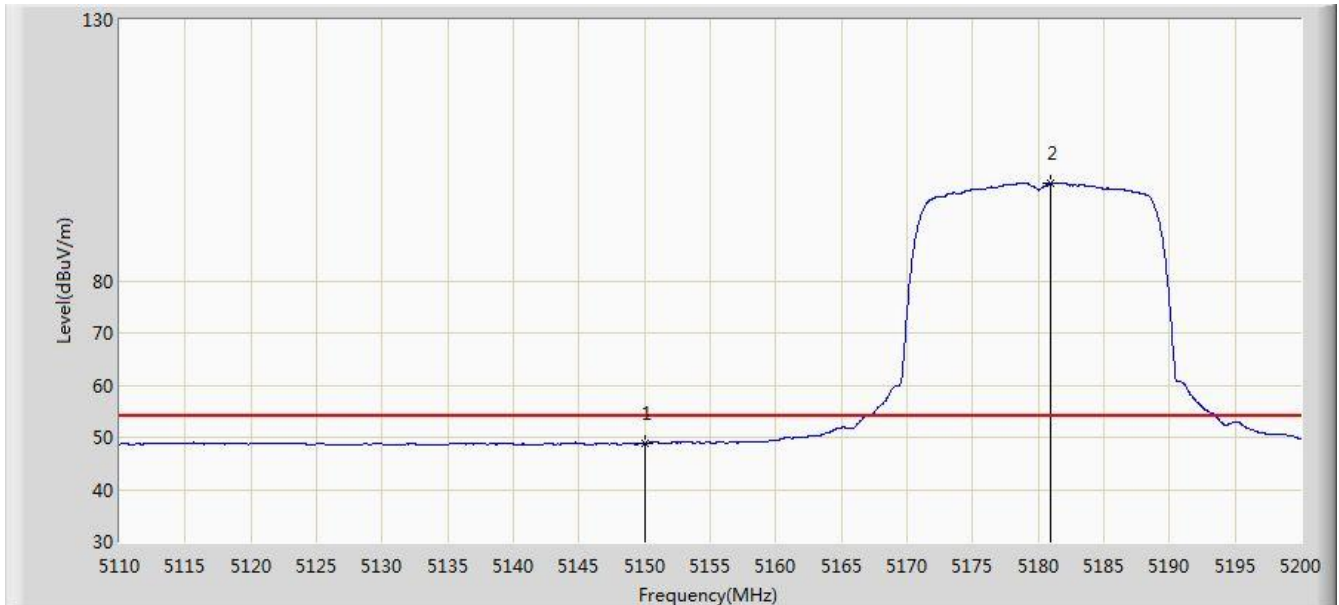


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5149.150	65.517	61.345	-8.483	74.000	4.172	PK
2			5150.000	63.699	59.530	-10.301	74.000	4.170	PK
3		*	5181.820	109.101	105.039	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2018/01/26 - 11:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

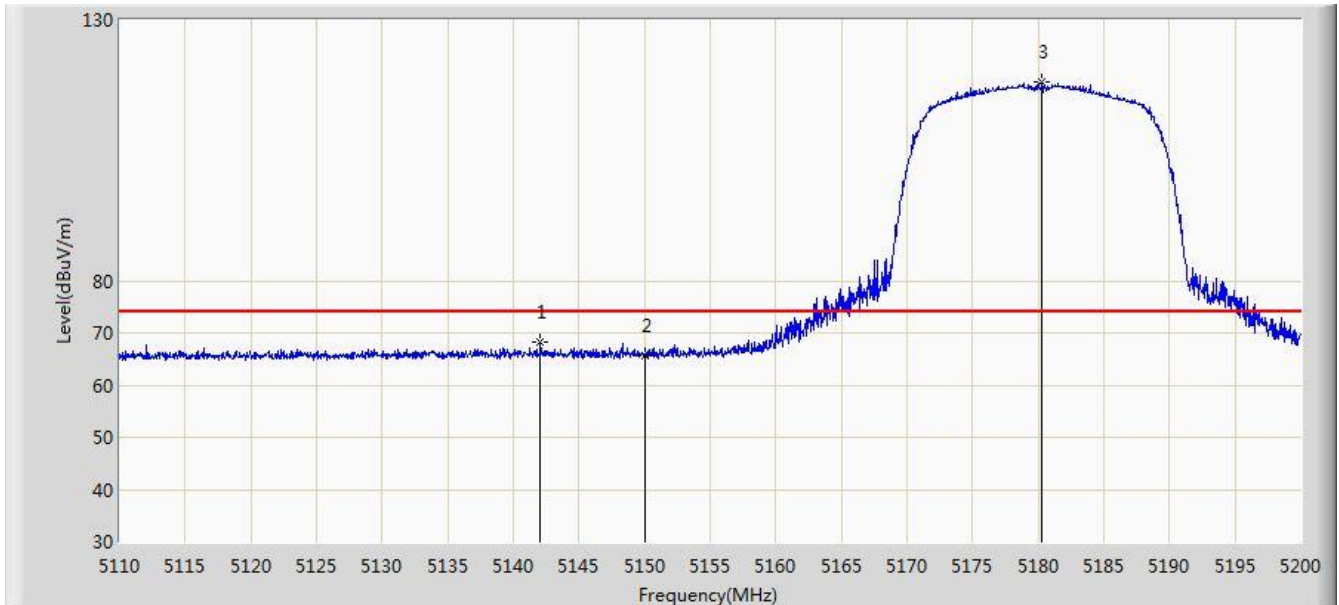


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	48.881	44.712	-5.119	54.000	4.170	AV
2		*	5180.920	98.799	94.733	N/A	N/A	4.066	AV

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

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

Site: AC1	Time: 2018/01/26 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

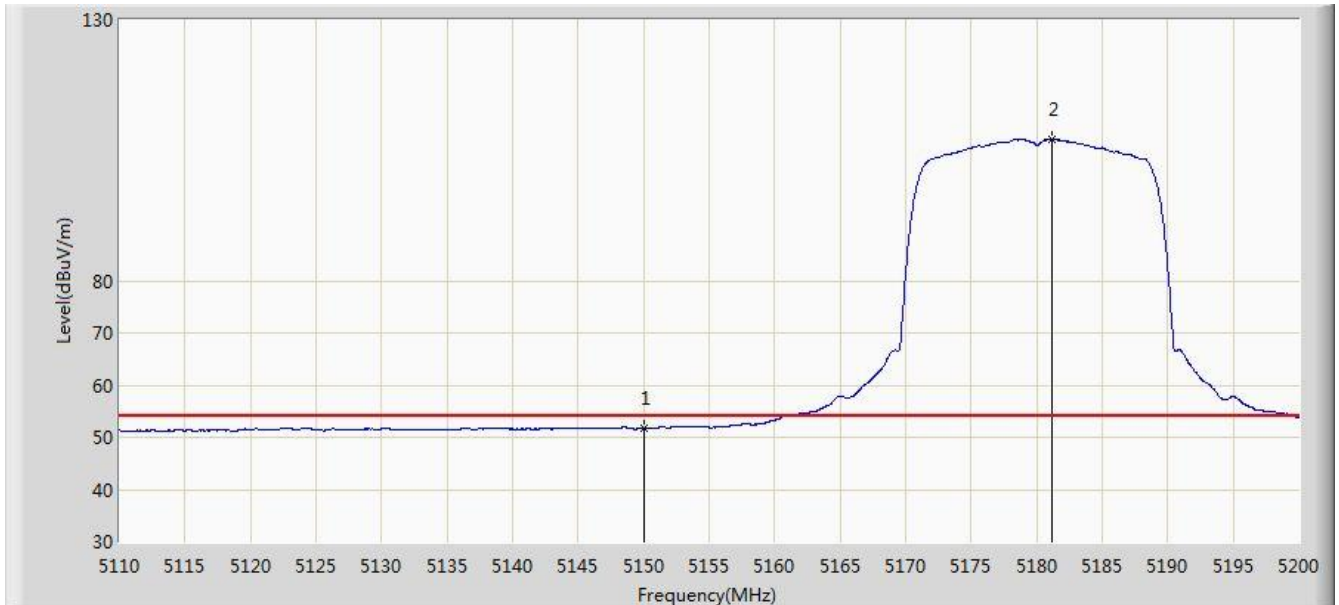


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5142.085	68.379	64.203	-5.621	74.000	4.176	PK
2			5150.000	65.782	61.613	-8.218	74.000	4.170	PK
3		*	5180.290	118.247	114.179	N/A	N/A	4.068	PK

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

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

Site: AC1	Time: 2018/01/26 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

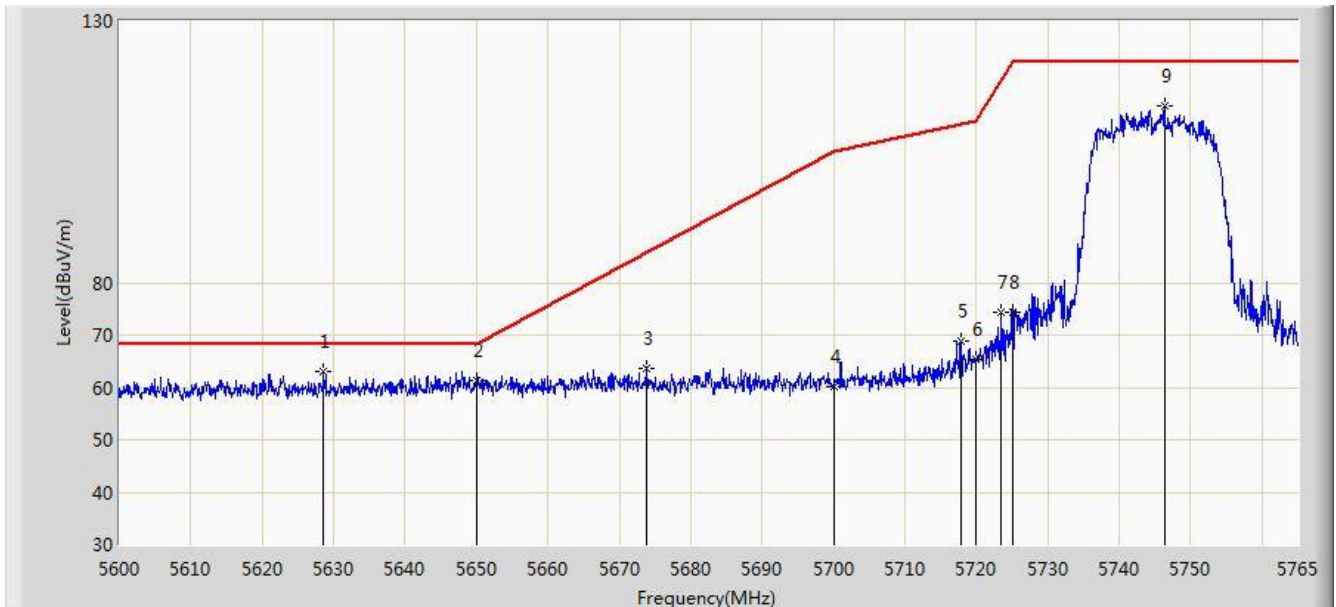


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	51.763	47.594	-2.237	54.000	4.170	AV
2		*	5181.190	107.062	102.997	N/A	N/A	4.064	AV

Test Mode: 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: 2017/12/20 - 07:39
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

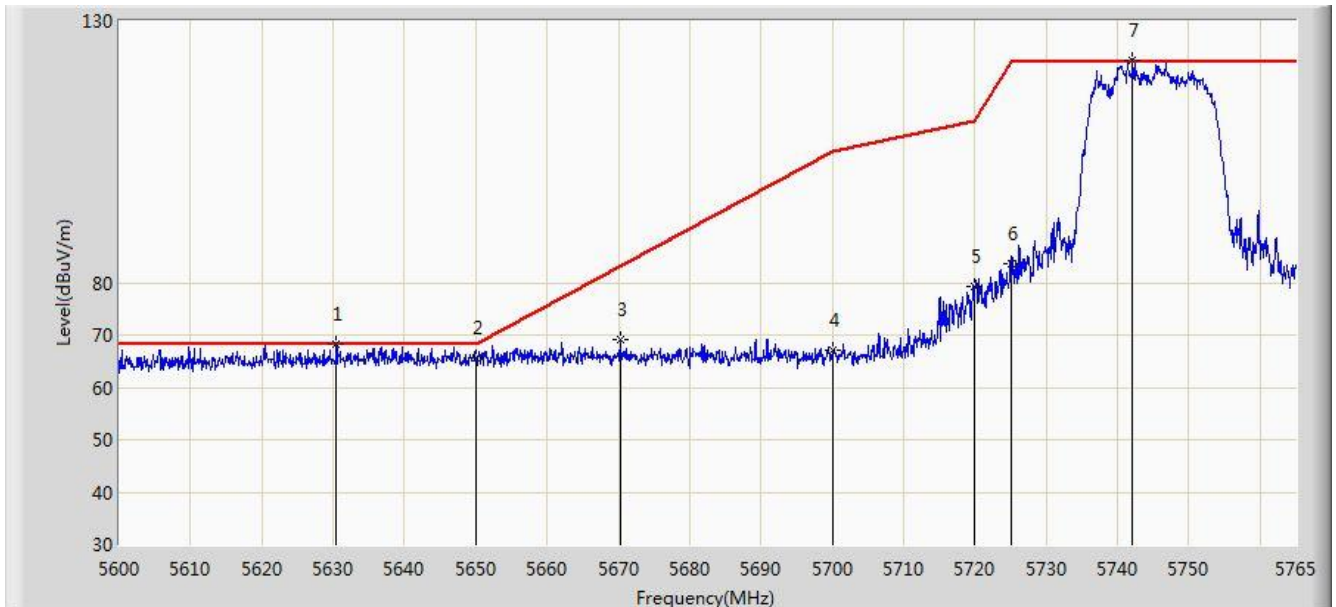


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5628.627	62.905	58.300	-5.295	68.200	4.605	PK
2			5650.000	61.243	56.572	-6.957	68.200	4.671	PK
3			5673.755	63.742	58.980	-22.077	85.819	4.762	PK
4			5700.000	60.018	55.140	-45.182	105.200	4.878	PK
5			5717.810	68.753	63.770	-41.435	110.188	4.983	PK
6			5720.000	65.287	60.290	-45.513	110.800	4.997	PK
7			5723.420	74.381	69.362	-44.218	118.599	5.019	PK
8			5725.000	74.310	69.281	-47.890	122.200	5.029	PK
9			5746.355	113.695	108.532	N/A	N/A	5.163	PK

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

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

Site: AC1	Time: 2017/12/20 - 07:37
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

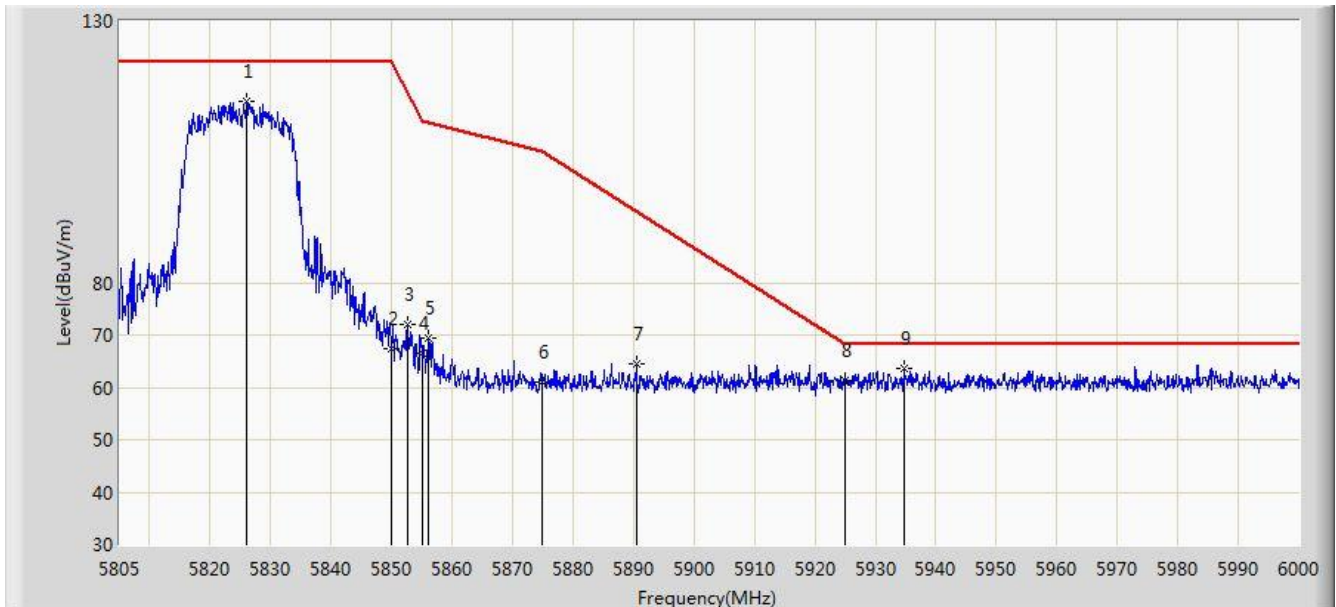


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5630.442	68.168	63.558	-0.032	68.200	4.610	PK
2			5650.000	65.736	61.065	-2.464	68.200	4.671	PK
3			5670.208	69.063	64.315	-14.130	83.193	4.747	PK
4			5700.000	66.971	62.093	-38.229	105.200	4.878	PK
5			5720.000	79.159	74.162	-31.641	110.800	4.997	PK
6			5725.000	83.716	78.687	-38.484	122.200	5.029	PK
7		*	5742.065	122.445	117.307	N/A	N/A	5.137	PK

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

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

Site: AC1	Time: 2017/12/20 - 07:45
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

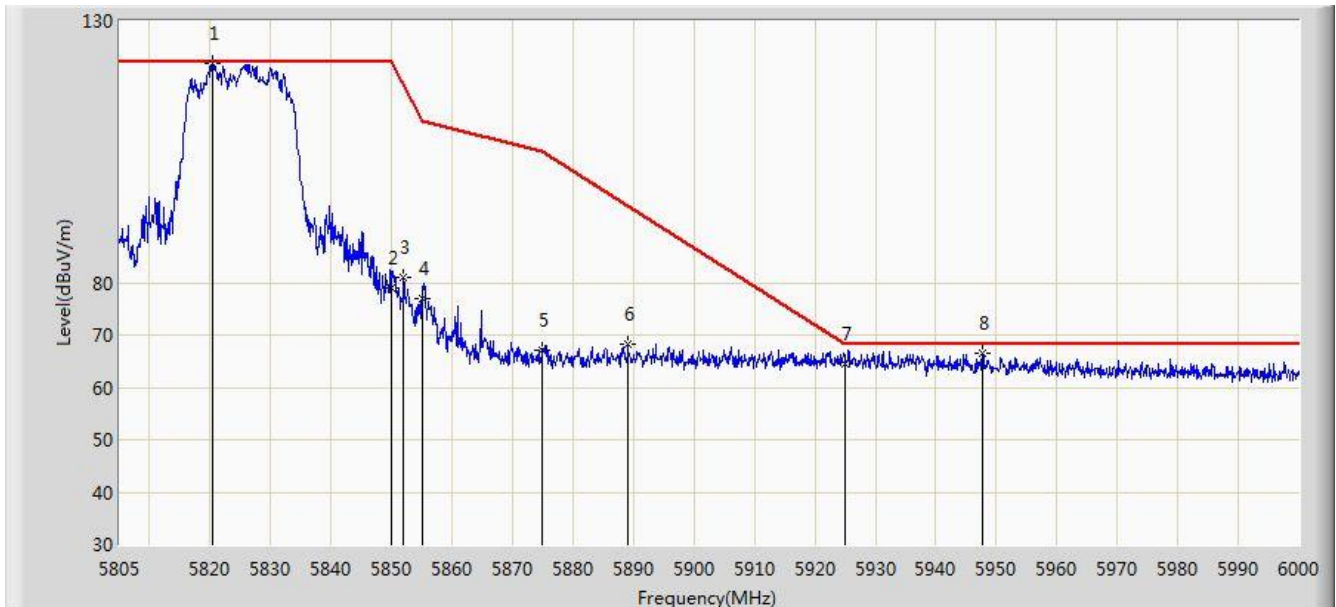


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.060	114.661	109.067	N/A	N/A	5.594	PK
2			5850.000	67.519	61.793	-54.681	122.200	5.726	PK
3			5852.580	72.079	66.343	-44.237	116.316	5.736	PK
4			5855.000	66.572	60.826	-44.228	110.800	5.746	PK
5			5856.187	69.490	63.739	-40.977	110.467	5.751	PK
6			5875.000	61.058	55.238	-44.142	105.200	5.820	PK
7			5890.410	64.357	58.484	-29.406	93.763	5.873	PK
8			5925.000	61.396	55.430	-6.804	68.200	5.967	PK
9		*	5934.675	63.530	57.539	-4.670	68.200	5.991	PK

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

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

Site: AC1	Time: 2017/12/20 - 07:41
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

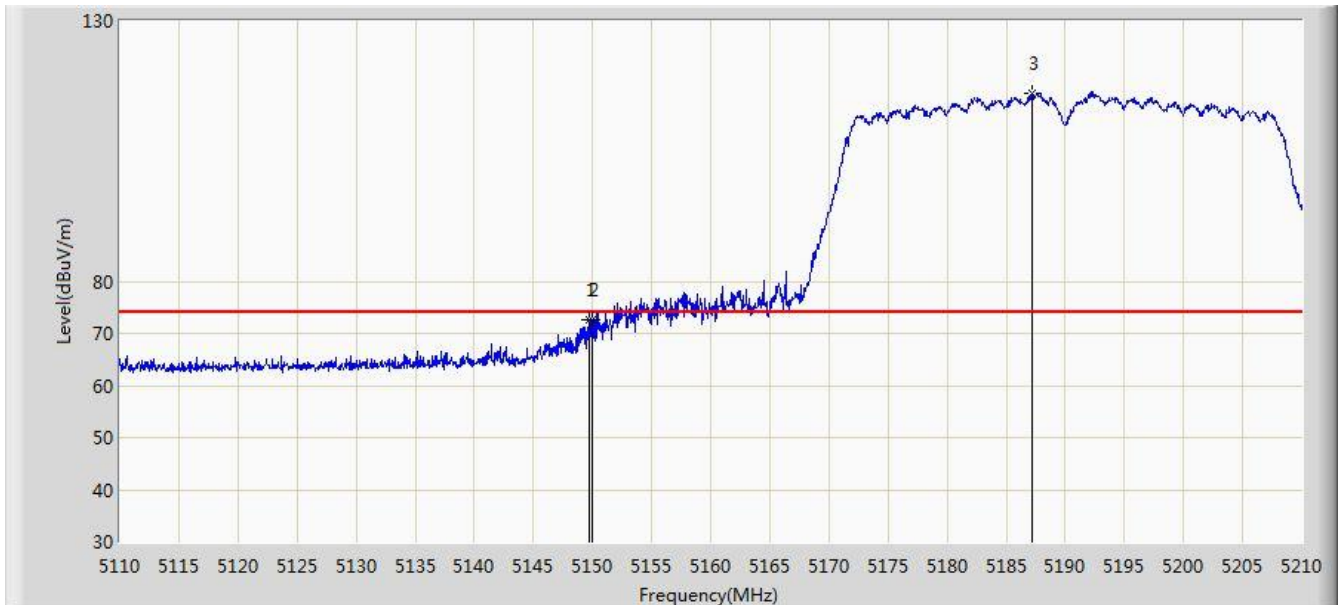


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.405	121.828	116.267	N/A	N/A	5.561	PK
2			5850.000	79.065	73.339	-43.135	122.200	5.726	PK
3			5851.995	80.989	75.255	-36.661	117.650	5.734	PK
4			5855.000	76.826	71.080	-33.974	110.800	5.746	PK
5			5875.000	67.214	61.394	-37.986	105.200	5.820	PK
6			5889.045	68.145	62.277	-26.630	94.775	5.868	PK
7			5925.000	64.434	58.468	-3.766	68.200	5.967	PK
8			5947.740	66.581	60.559	-1.619	68.200	6.021	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

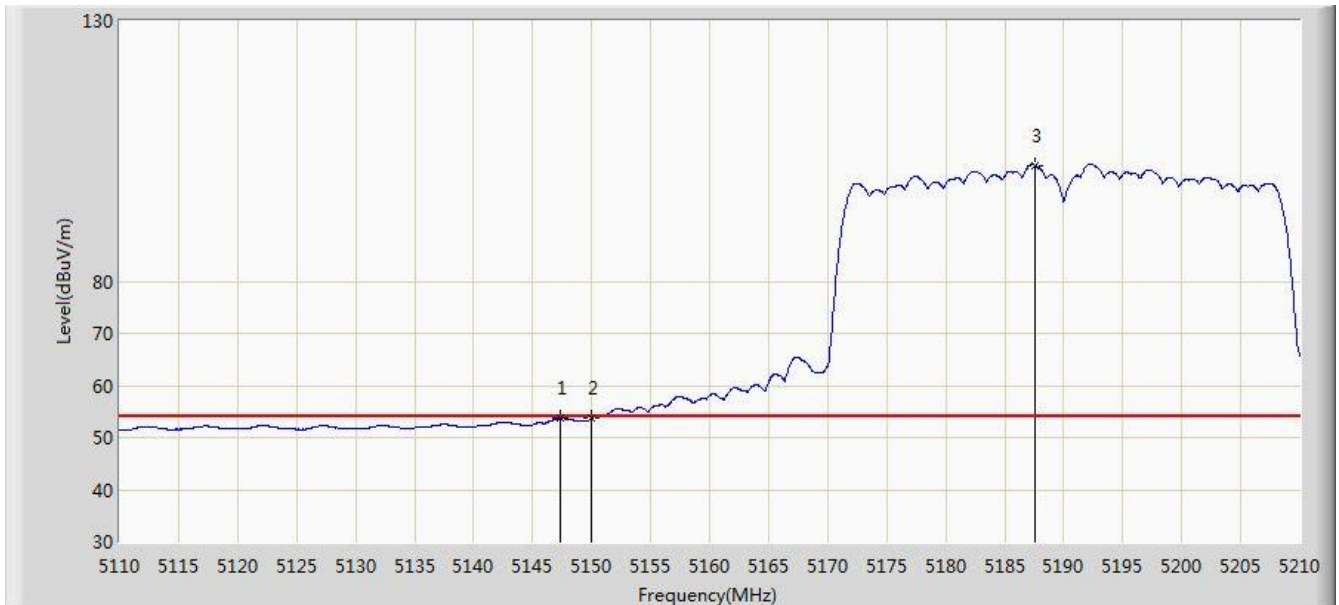


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.700	72.561	68.391	-1.439	74.000	4.170	PK
2			5150.000	72.500	68.331	-1.500	74.000	4.170	PK
3		*	5187.150	115.953	111.909	N/A	N/A	4.043	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

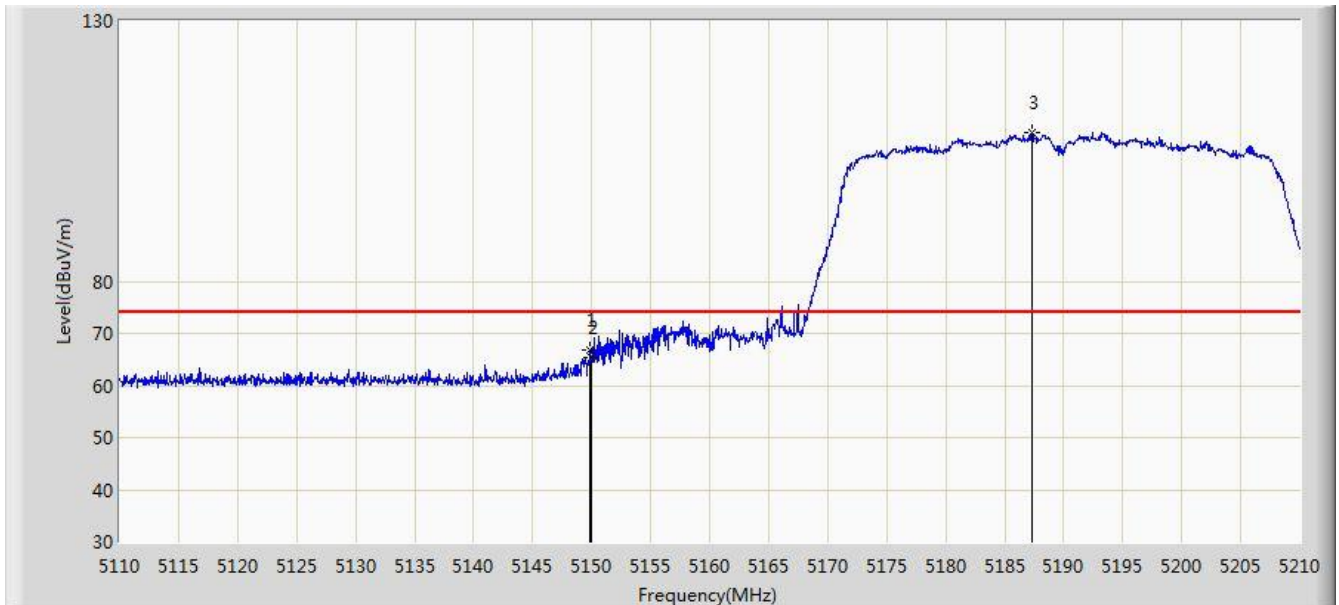


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.300	53.699	49.523	-0.301	54.000	4.176	AV
2			5150.000	53.723	49.554	-0.277	54.000	4.170	AV
3		*	5187.550	102.278	98.236	N/A	N/A	4.042	AV

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

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

Site: AC1	Time: 2018/01/09 - 01:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

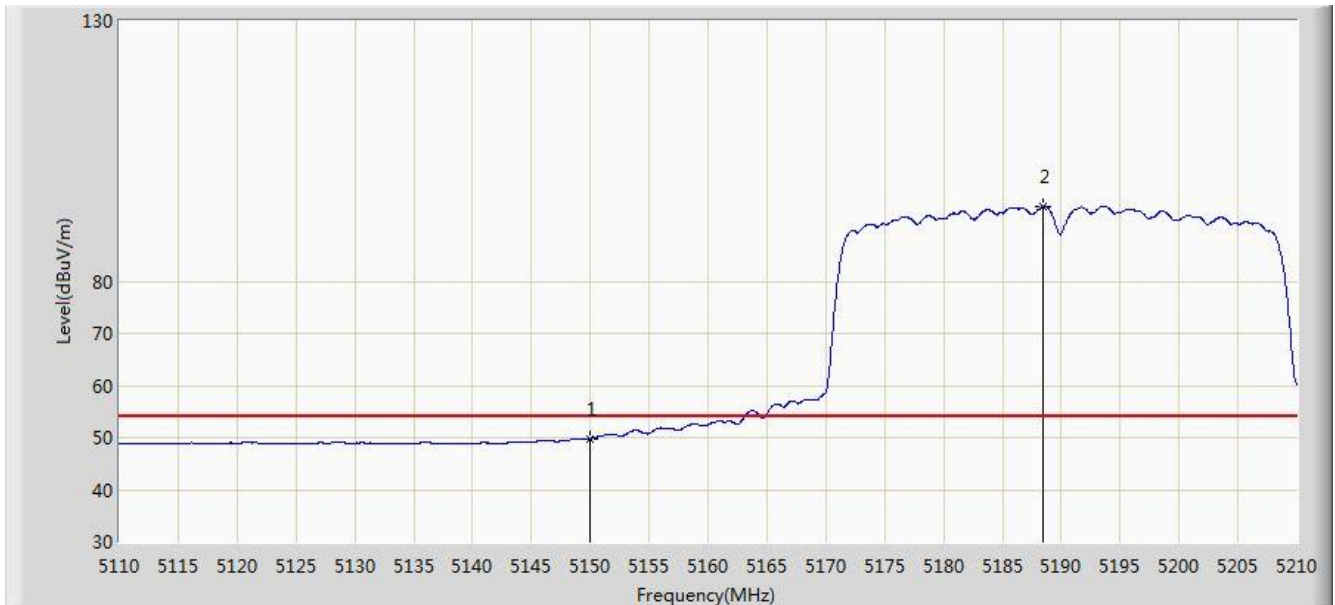


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.850	66.782	62.612	-7.218	74.000	4.170	PK
2			5150.000	65.264	61.095	-8.736	74.000	4.170	PK
3		*	5187.300	108.481	104.438	N/A	N/A	4.043	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

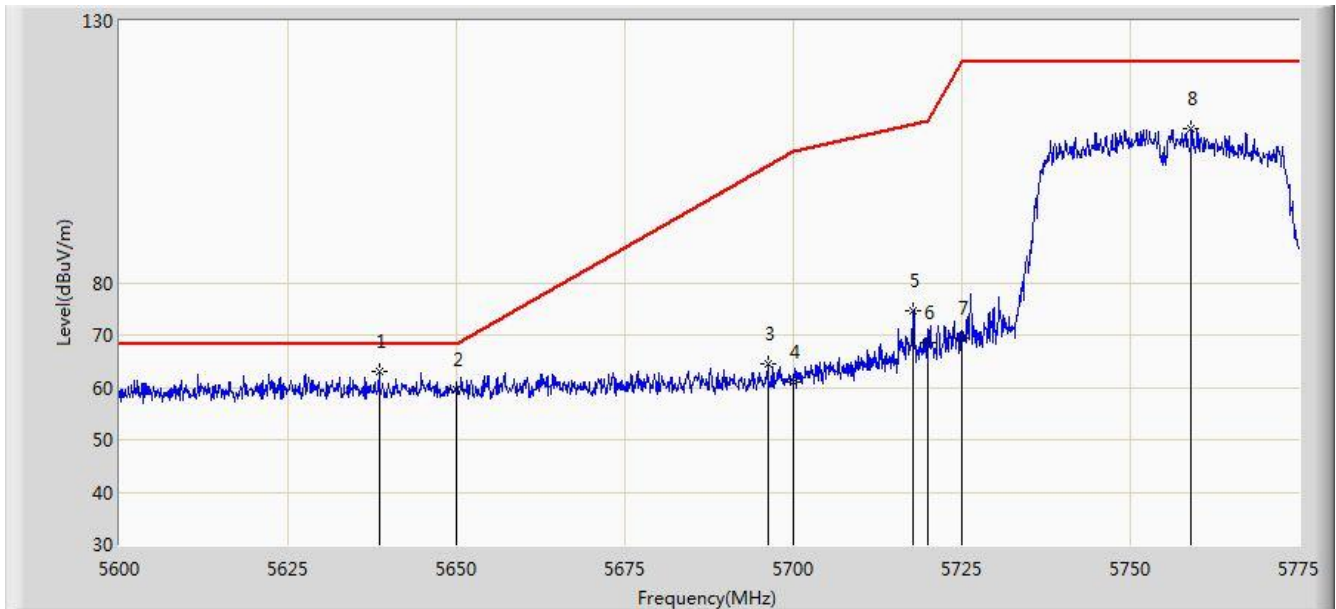


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.762	45.593	-4.238	54.000	4.170	AV
2		*	5188.400	94.297	90.258	N/A	N/A	4.039	AV

Test Mode: 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: 2017/12/20 - 08:15
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

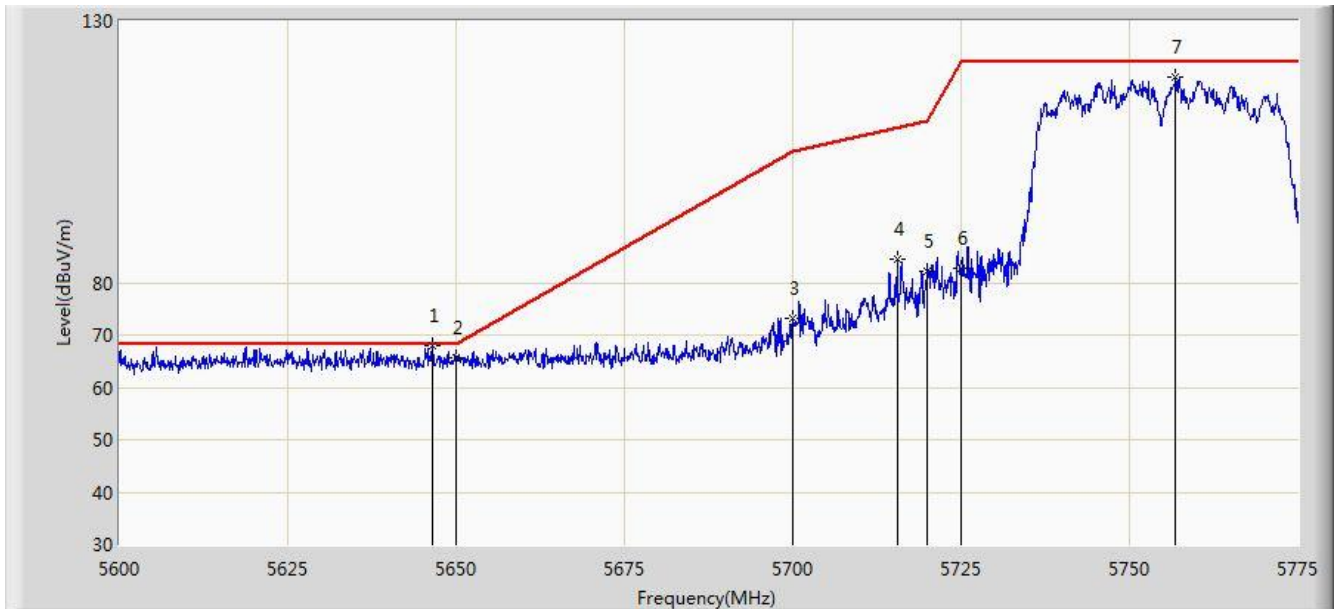


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.500	62.921	58.288	-5.279	68.200	4.634	PK
2			5650.000	59.584	54.913	-8.616	68.200	4.671	PK
3			5696.163	64.391	59.533	-37.981	102.372	4.859	PK
4			5700.000	61.158	56.280	-44.042	105.200	4.878	PK
5			5717.862	74.755	69.772	-35.447	110.202	4.983	PK
6			5720.000	68.500	63.503	-42.300	110.800	4.997	PK
7			5725.000	69.496	64.467	-52.704	122.200	5.029	PK
8			5759.075	109.424	104.189	N/A	N/A	5.235	PK

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

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

Site: AC1	Time: 2017/12/20 - 08:12
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

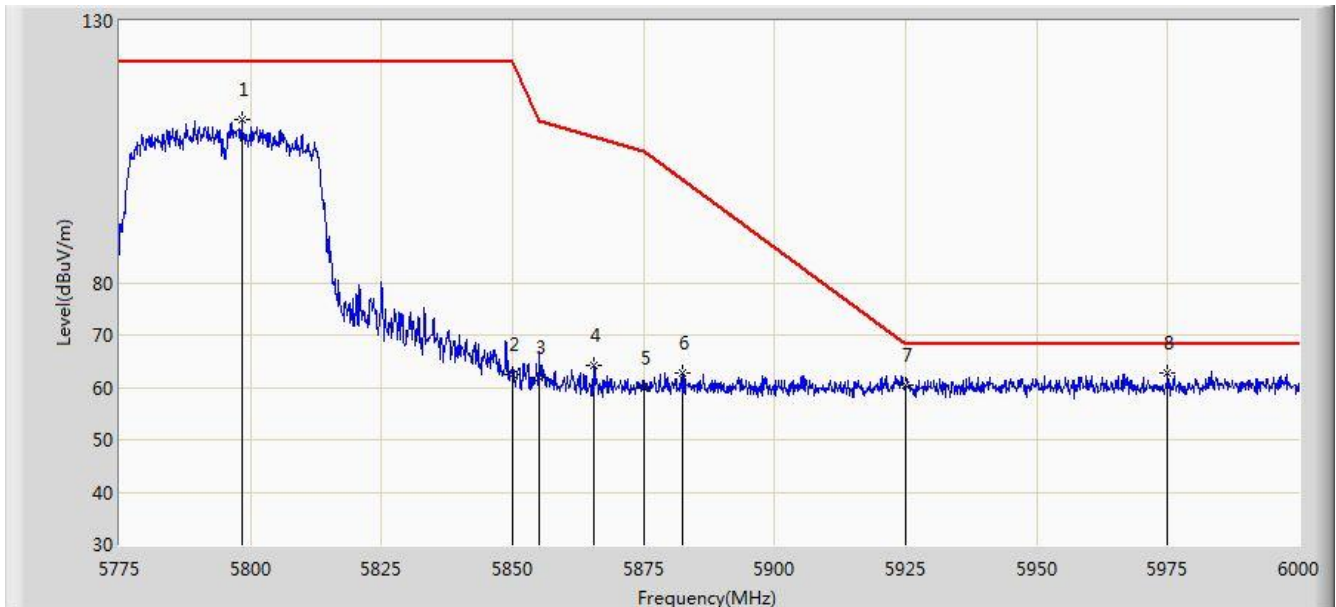


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5646.550	68.039	63.380	-0.161	68.200	4.659	PK
2			5650.000	65.751	61.080	-2.449	68.200	4.671	PK
3			5700.000	73.298	68.420	-31.902	105.200	4.878	PK
4			5715.500	84.362	79.394	-25.180	109.542	4.968	PK
5			5720.000	82.244	77.247	-28.556	110.800	4.997	PK
6			5725.000	82.743	77.714	-39.457	122.200	5.029	PK
7			5756.800	119.137	113.915	N/A	N/A	5.222	PK

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

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

Site: AC1	Time: 2017/12/20 - 08:34
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

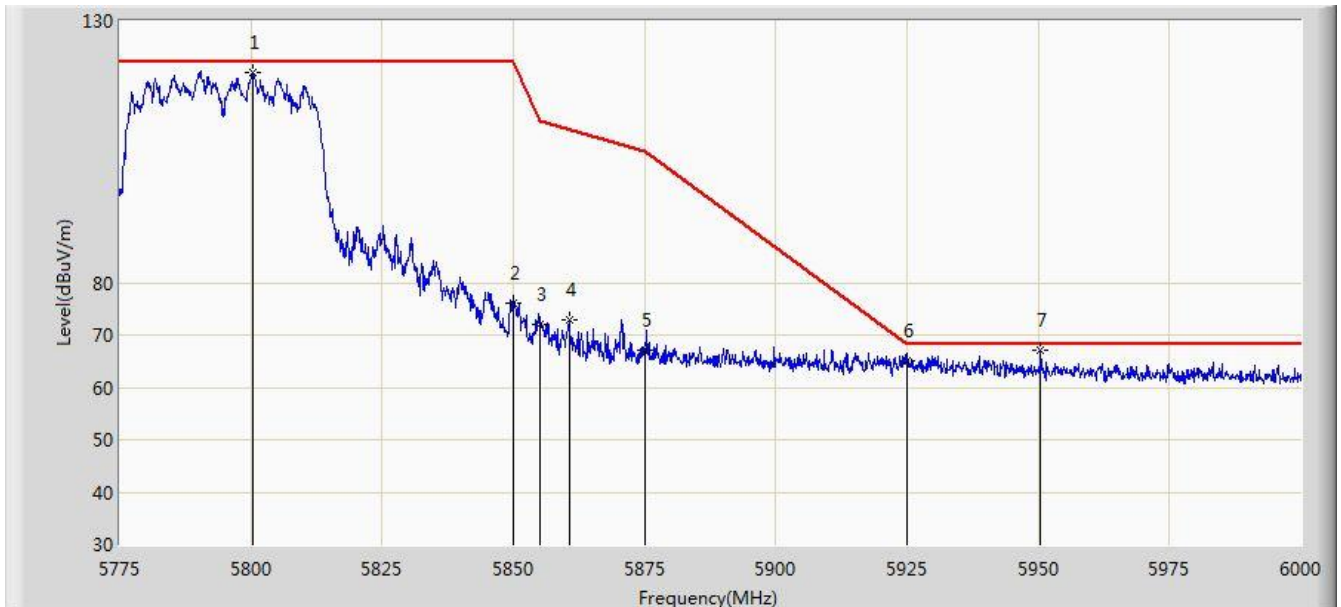


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5798.400	111.041	105.605	N/A	N/A	5.436	PK
2			5850.000	62.427	56.701	-59.773	122.200	5.726	PK
3			5855.000	61.859	56.113	-48.941	110.800	5.746	PK
4			5865.562	64.073	58.286	-43.767	107.840	5.788	PK
5			5875.000	59.885	54.065	-45.315	105.200	5.820	PK
6			5882.325	62.877	57.032	-36.883	99.760	5.845	PK
7			5925.000	60.388	54.422	-7.812	68.200	5.967	PK
8		*	5975.025	62.772	56.703	-5.428	68.200	6.069	PK

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

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

Site: AC1	Time: 2017/12/20 - 08:31
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

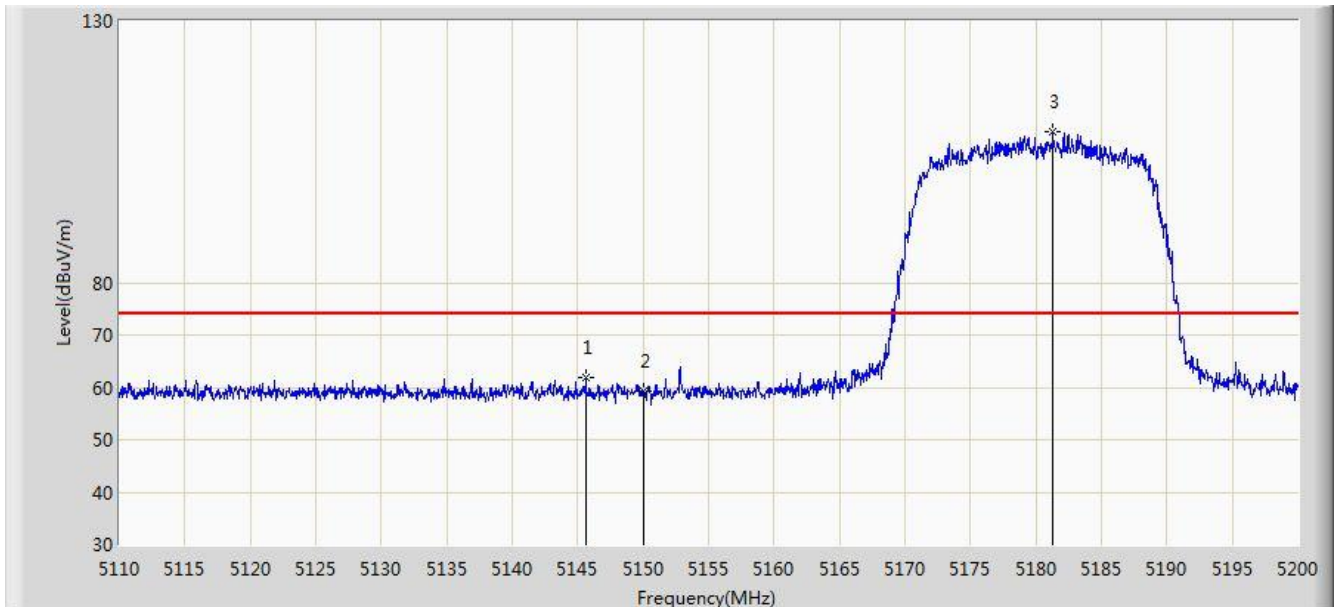


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5800.312	120.040	114.593	N/A	N/A	5.447	PK
2			5850.000	76.178	70.452	-46.022	122.200	5.726	PK
3			5855.000	72.147	66.401	-38.653	110.800	5.746	PK
4			5860.725	72.890	67.120	-36.305	109.195	5.770	PK
5			5875.000	67.221	61.401	-37.979	105.200	5.820	PK
6			5925.000	64.976	59.010	-3.224	68.200	5.967	PK
7		*	5950.500	67.032	61.005	-1.168	68.200	6.027	PK

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

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

Site: AC1	Time: 2017/12/20 - 08:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

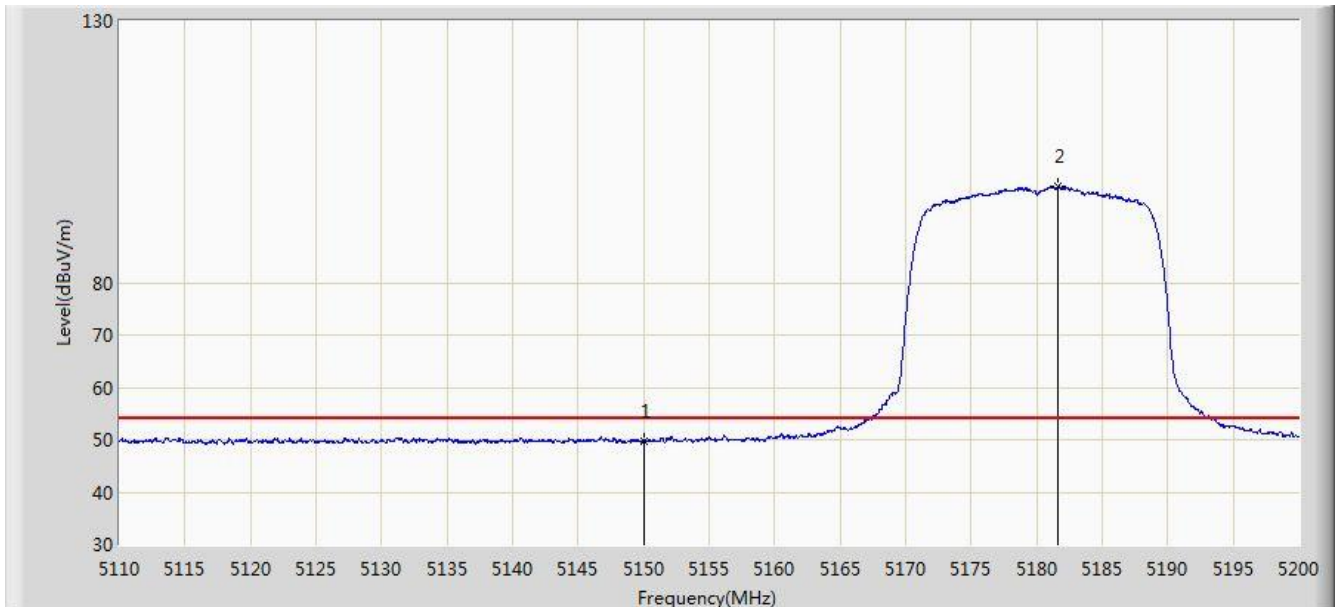


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.640	61.814	57.638	-12.186	74.000	4.176	PK
2			5150.000	59.154	54.985	-14.846	74.000	4.170	PK
3		*	5181.325	108.874	104.810	N/A	N/A	4.064	PK

Test Mode: 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: 2017/12/20 - 08:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

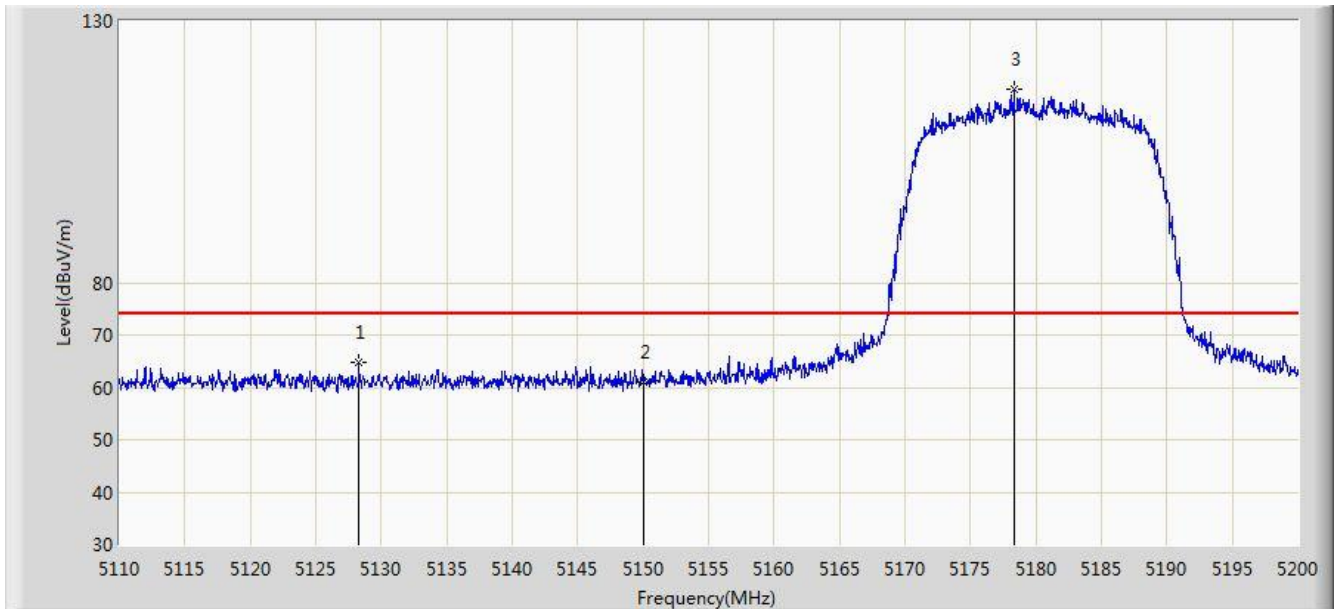


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.815	45.646	-4.185	54.000	4.170	AV
2		*	5181.595	98.506	94.443	N/A	N/A	4.063	AV

Test Mode: 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: 2017/12/20 - 08:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

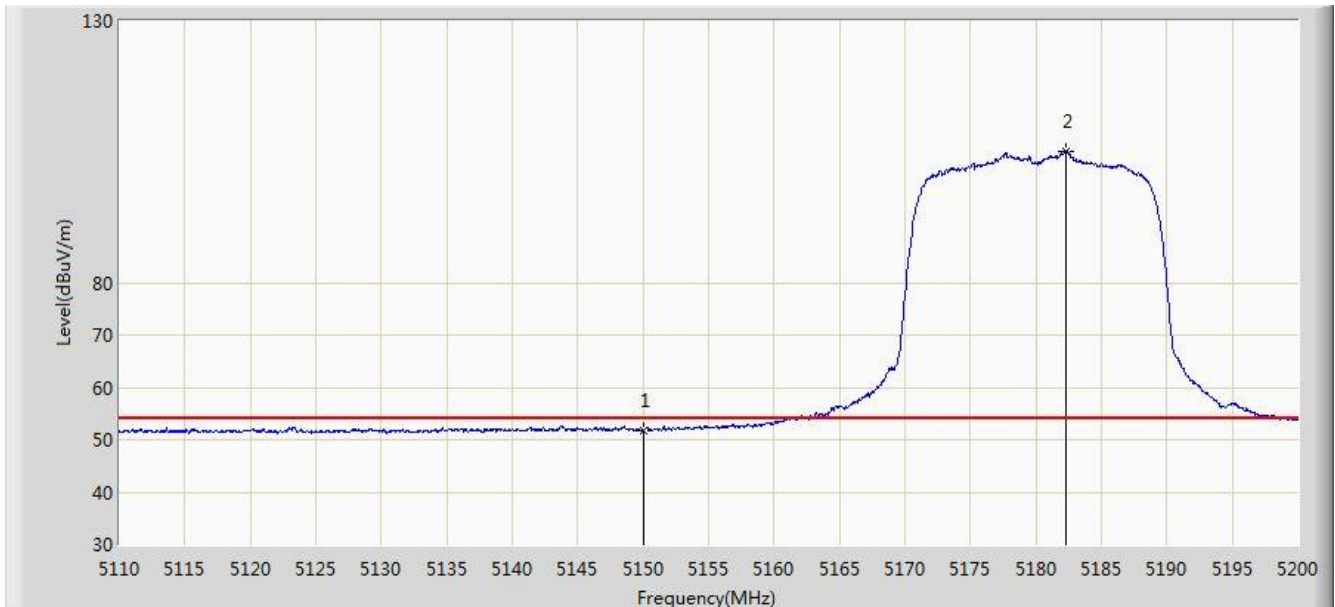


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5128.270	64.777	60.602	-9.223	74.000	4.175	PK
2			5150.000	61.087	56.918	-12.913	74.000	4.170	PK
3		*	5178.310	117.026	112.951	N/A	N/A	4.075	PK

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

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

Site: AC1	Time: 2017/12/20 - 08:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

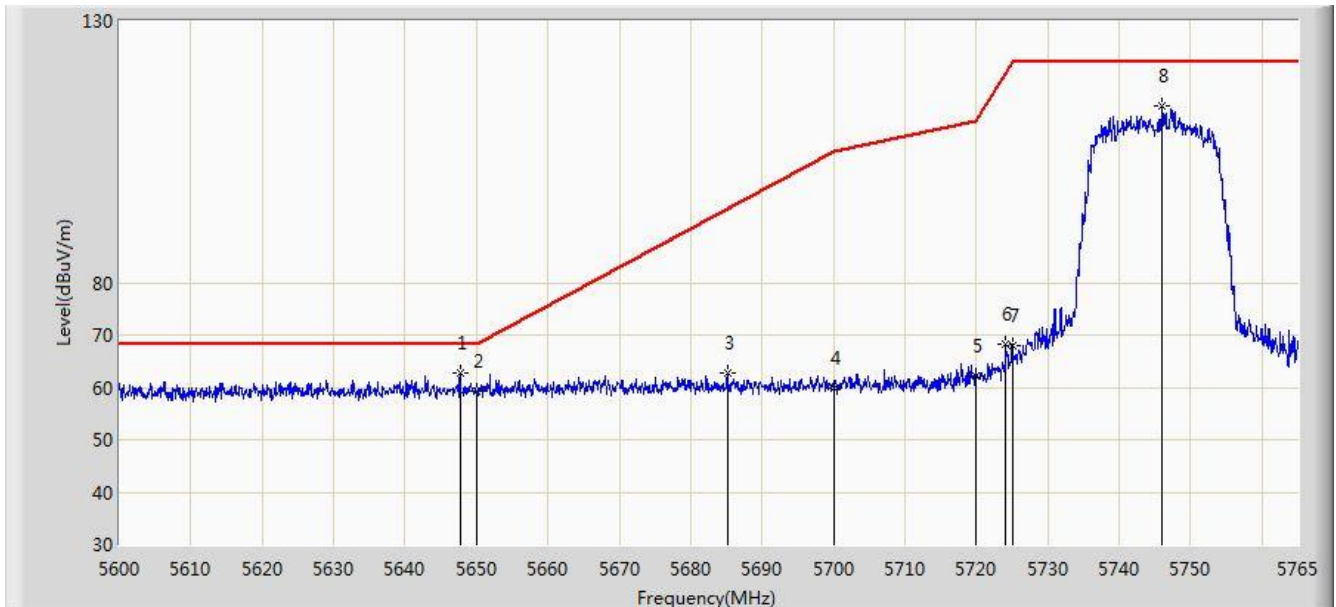


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.842	47.673	-2.158	54.000	4.170	AV
2		*	5182.315	105.126	101.065	N/A	N/A	4.060	AV

Test Mode: 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: 2017/12/21 - 02:35
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

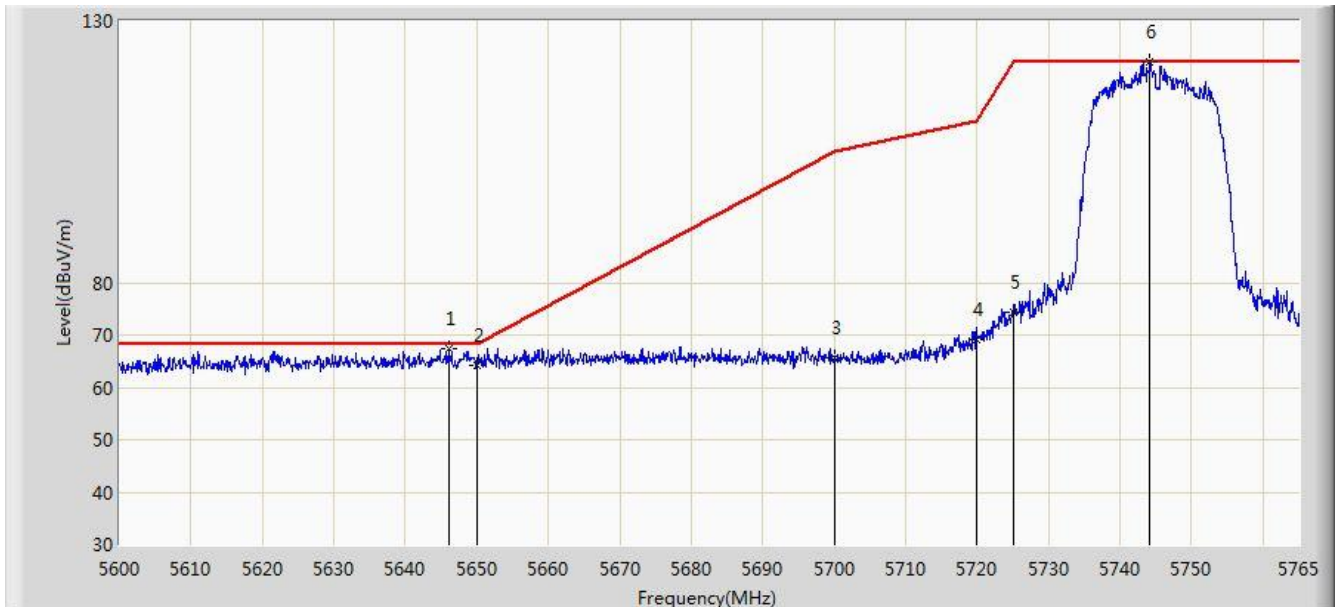


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.685	62.893	58.230	-5.307	68.200	4.663	PK
2			5650.000	59.241	54.570	-8.959	68.200	4.671	PK
3			5685.140	62.794	57.986	-31.444	94.238	4.808	PK
4			5700.000	59.804	54.926	-45.396	105.200	4.878	PK
5			5720.000	62.217	57.220	-48.583	110.800	4.997	PK
6			5724.163	68.209	63.185	-52.084	120.292	5.024	PK
7			5725.000	67.946	62.917	-54.254	122.200	5.029	PK
8			5746.025	113.826	108.665	N/A	N/A	5.161	PK

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

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

Site: AC1	Time: 2017/12/21 - 02:31
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

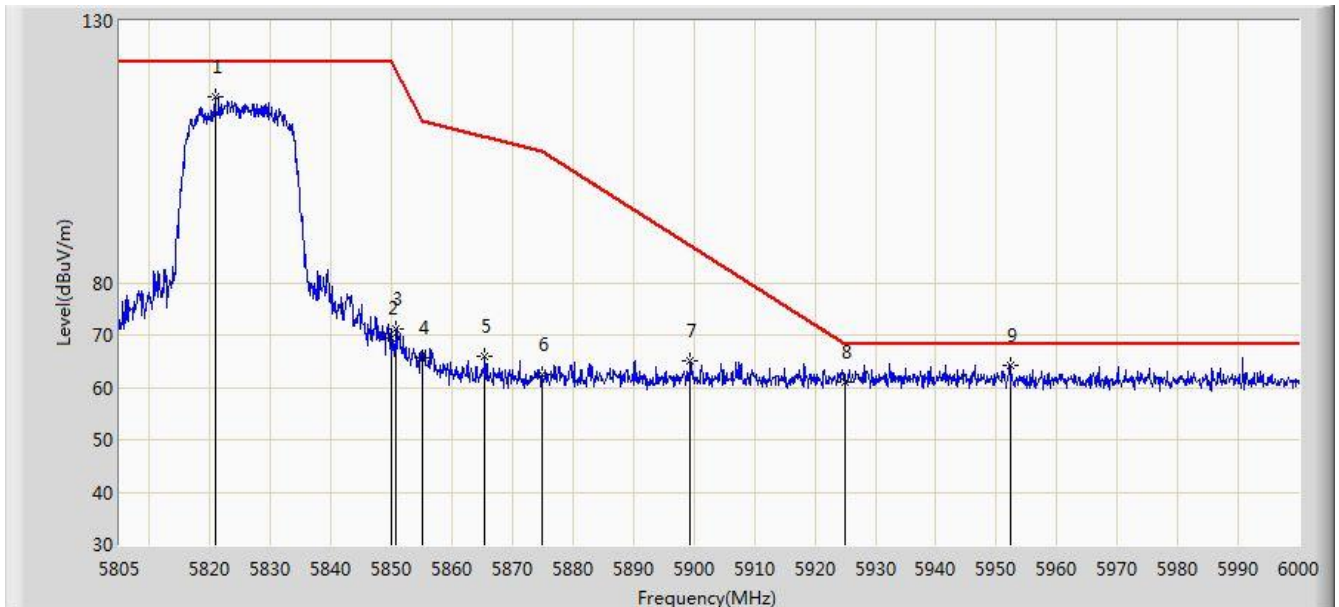


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.200	67.428	62.770	-0.772	68.200	4.658	PK
2			5650.000	64.314	59.643	-3.886	68.200	4.671	PK
3			5700.000	65.562	60.684	-39.638	105.200	4.878	PK
4			5720.000	69.198	64.201	-41.602	110.800	4.997	PK
5			5725.000	74.326	69.297	-47.874	122.200	5.029	PK
6		*	5744.127	122.295	117.145	N/A	N/A	5.151	PK

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

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

Site: AC1	Time: 2017/12/21 - 03:04
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

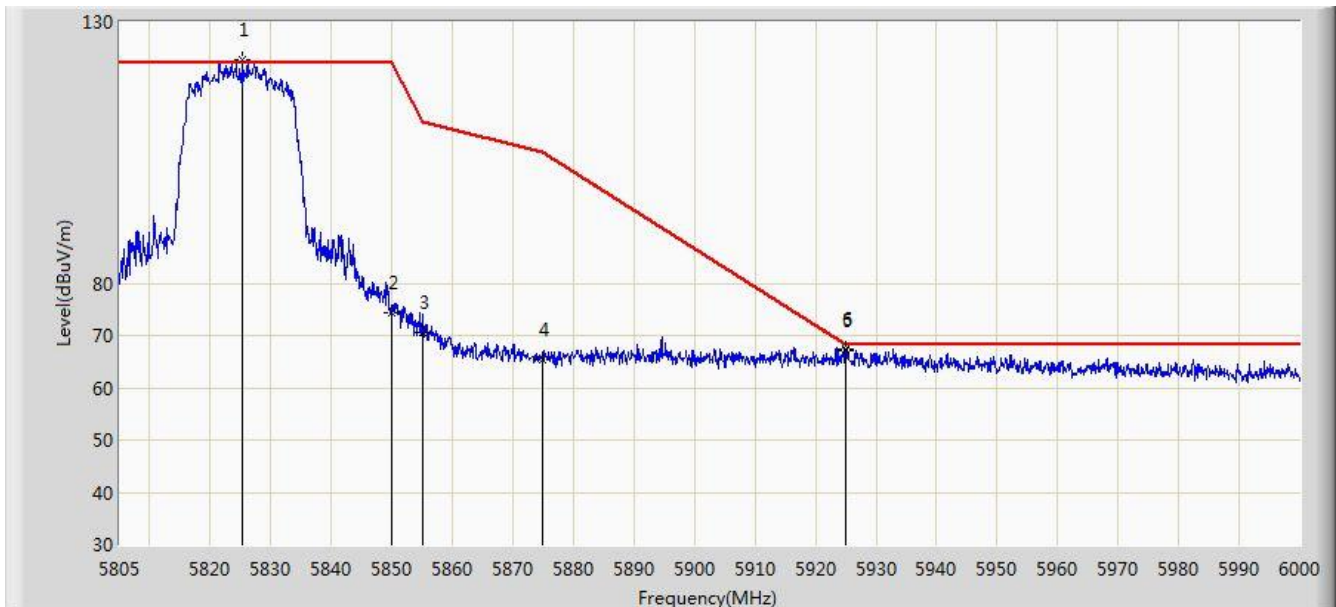


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.795	115.453	109.890	N/A	N/A	5.563	PK
2			5850.000	69.526	63.800	-52.674	122.200	5.726	PK
3			5850.728	71.164	65.435	-49.376	120.540	5.729	PK
4			5855.000	65.764	60.018	-45.036	110.800	5.746	PK
5			5865.353	66.062	60.275	-41.837	107.899	5.787	PK
6			5875.000	62.504	56.684	-42.696	105.200	5.820	PK
7			5899.380	64.979	59.077	-22.141	87.120	5.901	PK
8			5925.000	61.014	55.048	-7.186	68.200	5.967	PK
9		*	5952.322	64.177	58.147	-4.023	68.200	6.030	PK

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

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

Site: AC1	Time: 2017/12/21 - 03:02
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

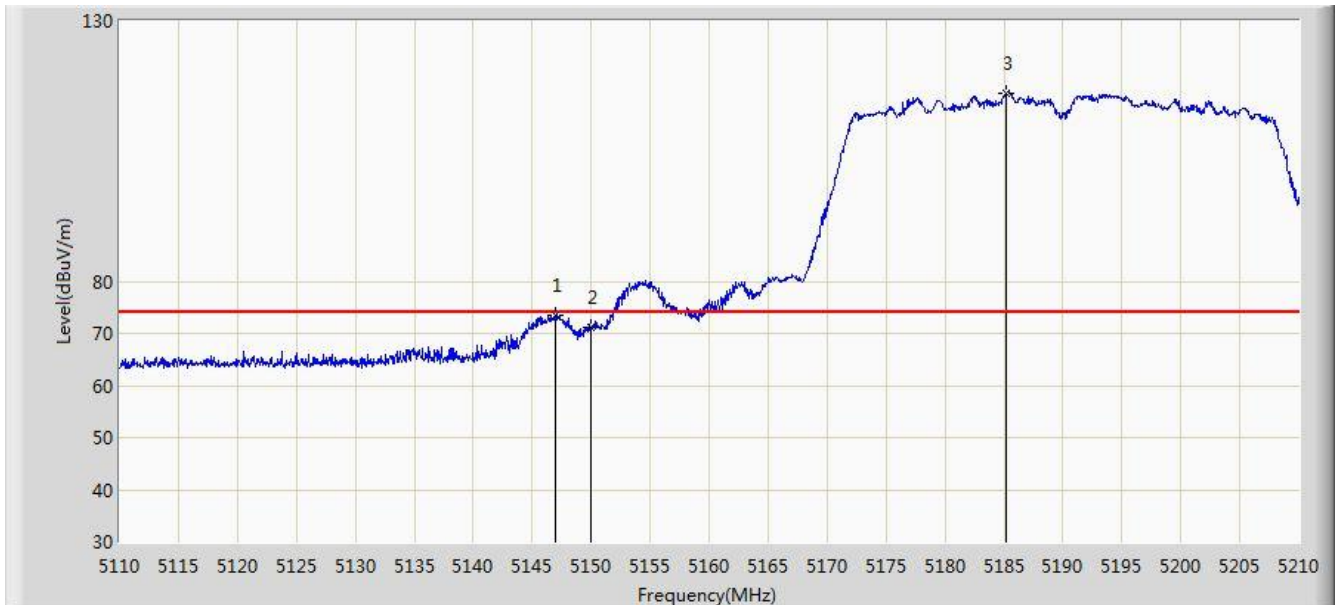


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5825.377	122.644	117.054	N/A	N/A	5.590	PK
2			5850.000	74.216	68.490	-47.984	122.200	5.726	PK
3			5855.000	70.606	64.860	-40.194	110.800	5.746	PK
4			5875.000	65.247	59.427	-39.953	105.200	5.820	PK
5			5925.000	67.185	61.219	-1.015	68.200	5.967	PK
6			5925.022	67.517	61.550	-0.683	68.200	5.967	PK
7			5825.377	122.644	117.054	0.444	122.200	5.590	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Alex Ma
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

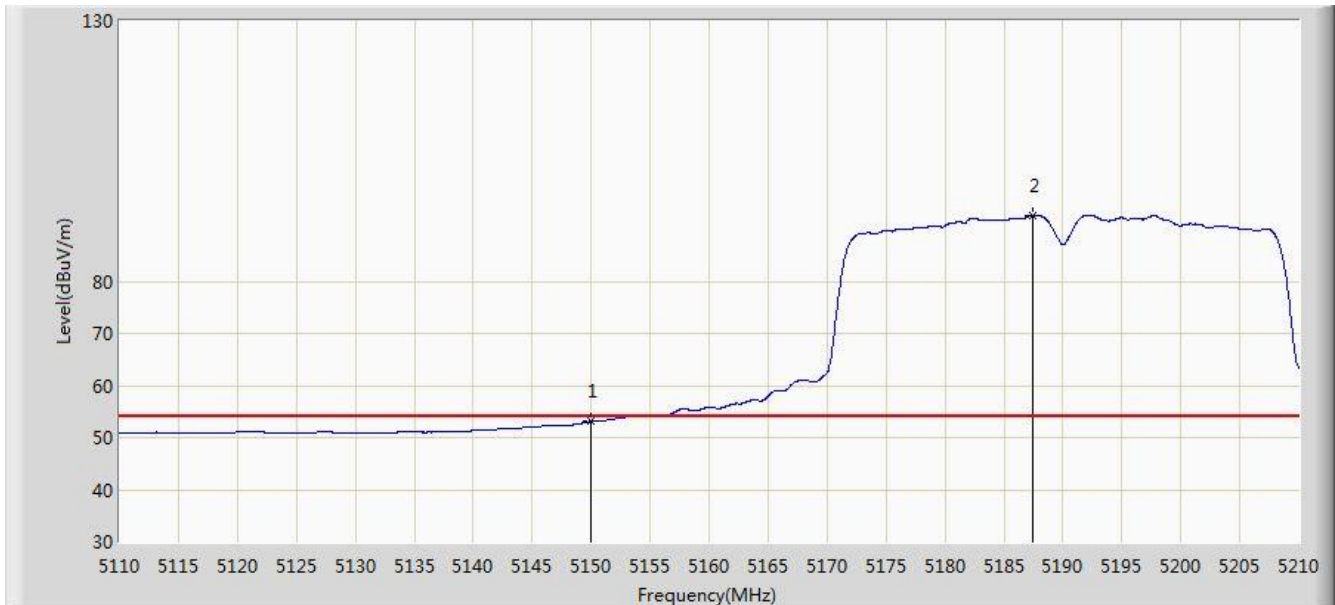


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.000	73.622	69.446	-0.378	74.000	4.176	PK
2			5150.000	71.039	66.870	-2.961	74.000	4.170	PK
3		*	5185.200	116.223	112.173	N/A	N/A	4.050	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Alex Ma
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

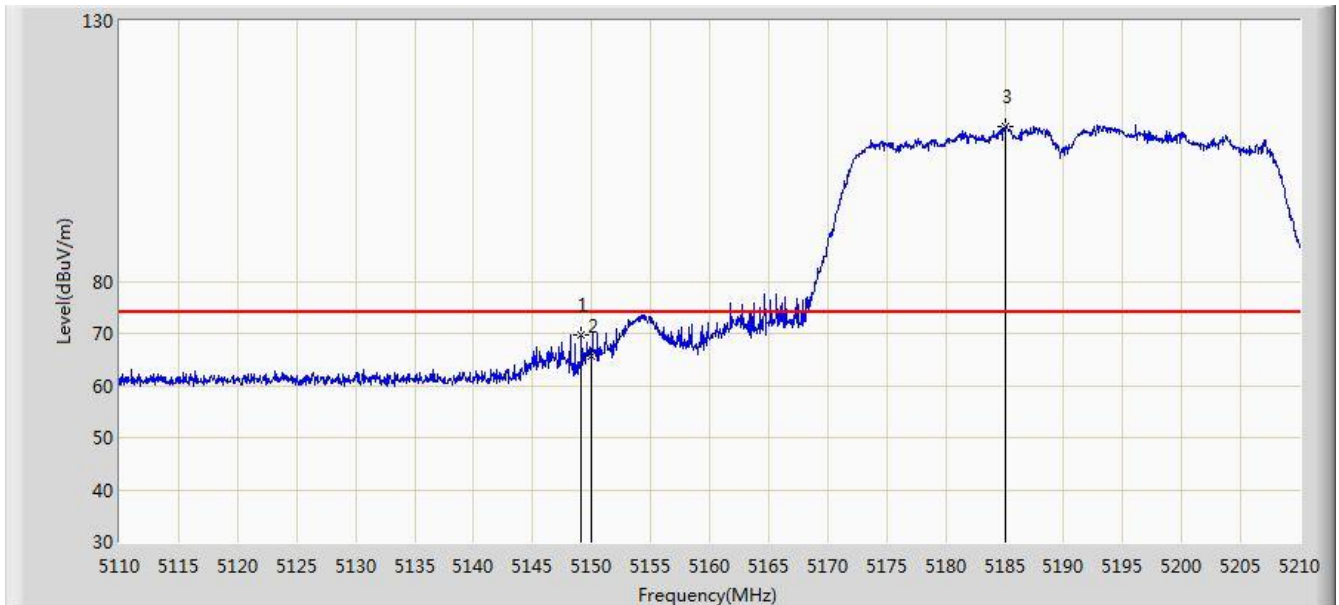


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.102	48.933	-0.898	54.000	4.170	AV
2		*	5187.450	92.711	88.669	N/A	N/A	4.042	AV

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

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

Site: AC1	Time: 2018/01/09 - 01:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Alex Ma
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

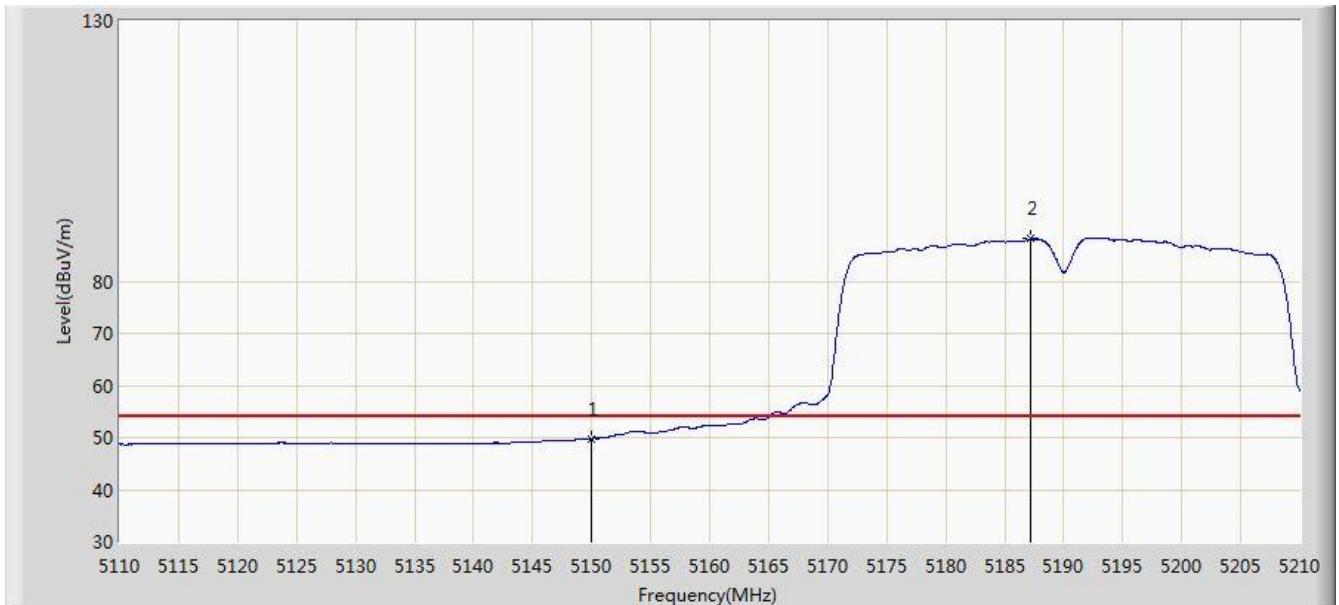


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.150	69.771	65.599	-4.229	74.000	4.172	PK
2			5150.000	65.651	61.482	-8.349	74.000	4.170	PK
3		*	5185.100	109.759	105.708	N/A	N/A	4.050	PK

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

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

Site: AC1	Time: 2018/01/09 - 01:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Alex Ma
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

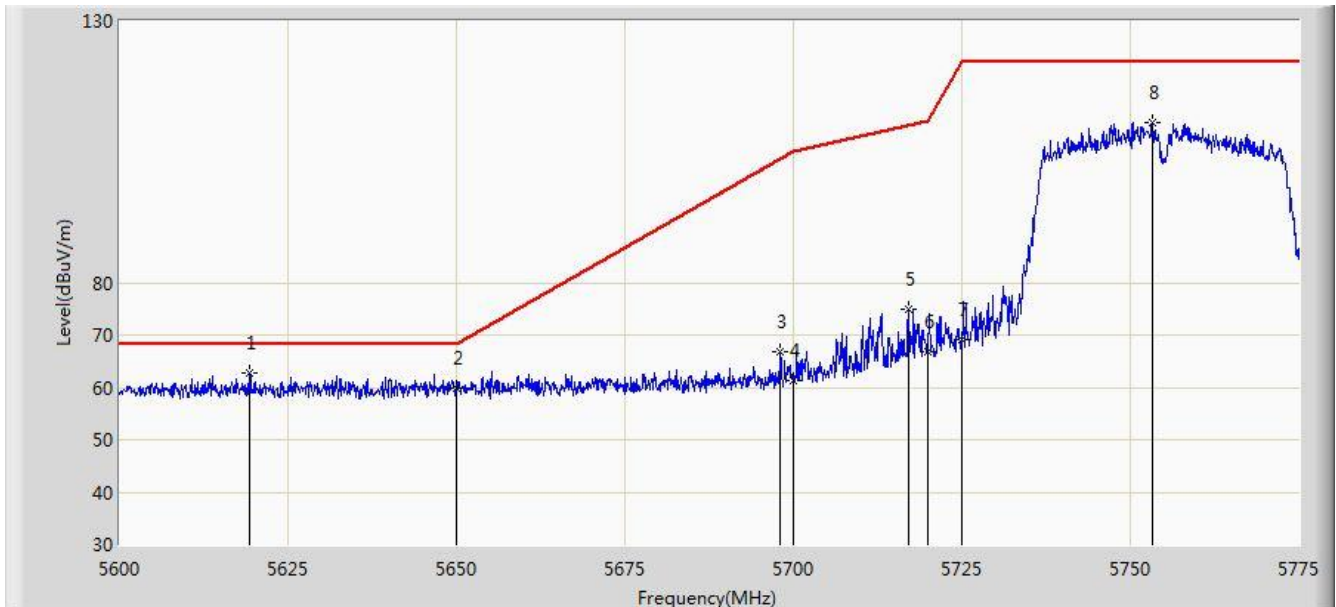


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.847	45.678	-4.153	54.000	4.170	AV
2		*	5187.250	88.163	84.120	N/A	N/A	4.043	AV

Test Mode: 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: 2017/12/21 - 03:29
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

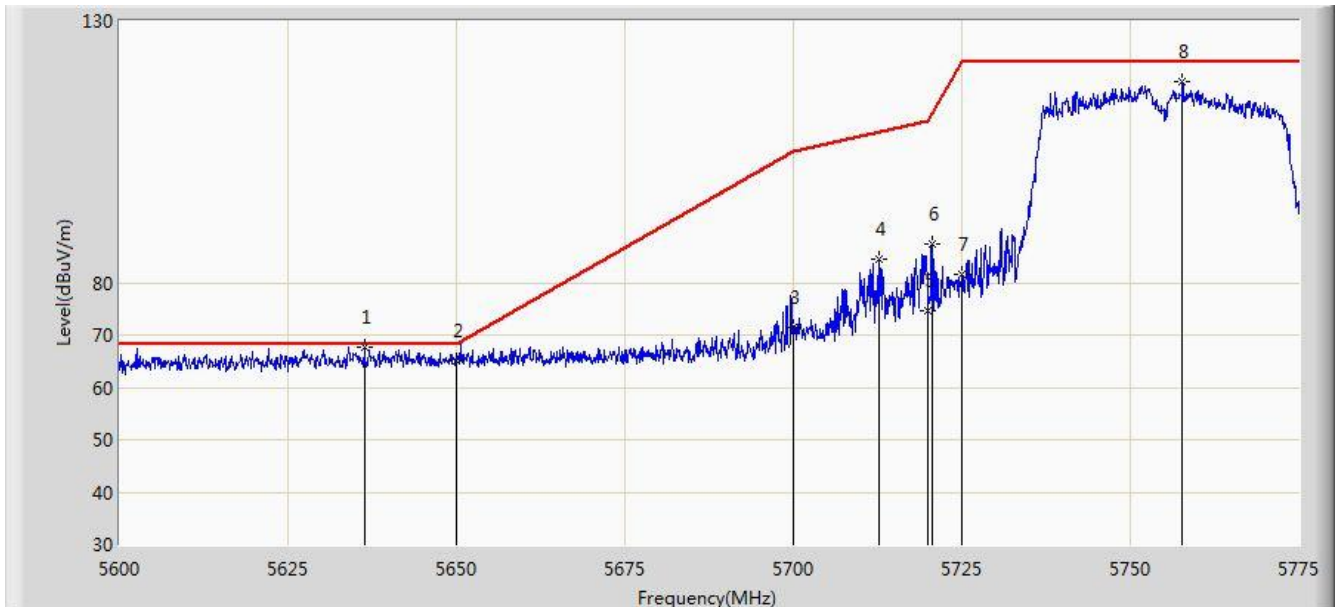


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5619.337	62.626	58.047	-5.574	68.200	4.578	PK
2			5650.000	59.824	55.153	-8.376	68.200	4.671	PK
3			5698.087	66.738	61.870	-37.052	103.790	4.868	PK
4			5700.000	61.408	56.530	-43.792	105.200	4.878	PK
5			5717.163	74.976	69.997	-35.031	110.007	4.978	PK
6			5720.000	66.667	61.670	-44.133	110.800	4.997	PK
7			5725.000	69.076	64.047	-53.124	122.200	5.029	PK
8			5753.212	110.588	105.386	N/A	N/A	5.201	PK

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

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

Site: AC1	Time: 2017/12/21 - 03:27
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

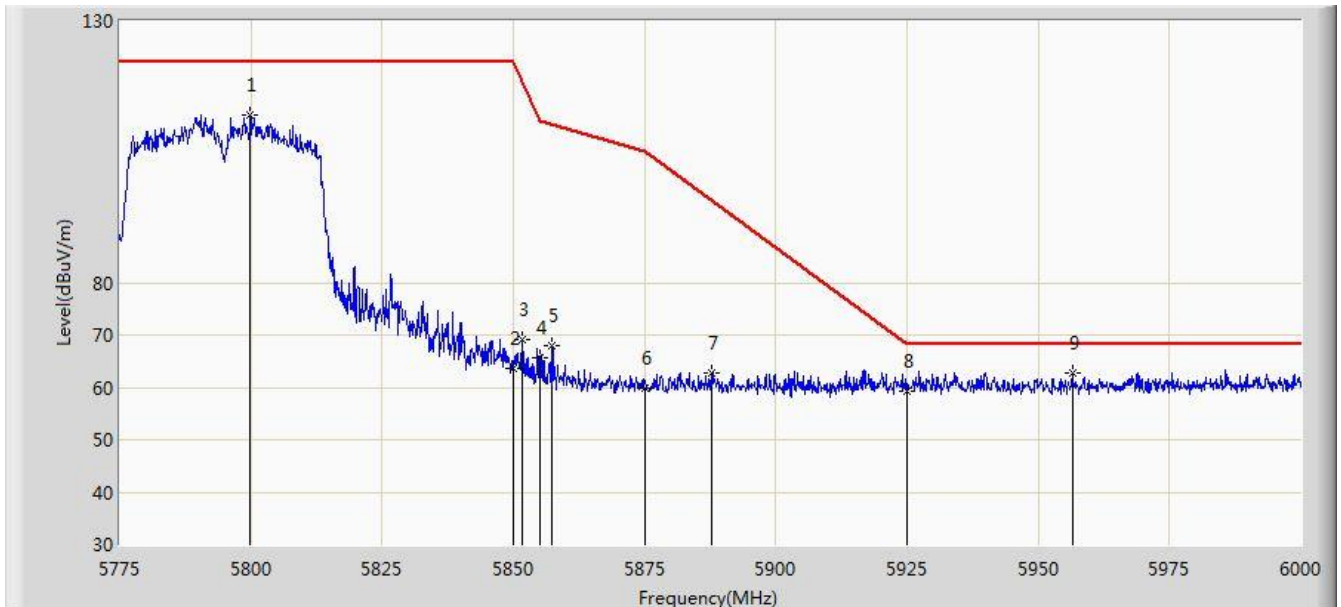


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5636.400	67.674	63.047	-0.526	68.200	4.627	PK
2			5650.000	65.199	60.528	-3.001	68.200	4.671	PK
3			5700.000	71.351	66.473	-33.849	105.200	4.878	PK
4			5712.612	84.471	79.522	-24.262	108.734	4.950	PK
5			5720.000	74.772	69.775	-36.028	110.800	4.997	PK
6			5720.575	87.380	82.379	-24.732	112.112	5.000	PK
7			5725.000	81.522	76.493	-40.678	122.200	5.029	PK
8			5757.763	118.508	113.281	N/A	N/A	5.227	PK

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

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

Site: AC1	Time: 2017/12/21 - 03:35
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

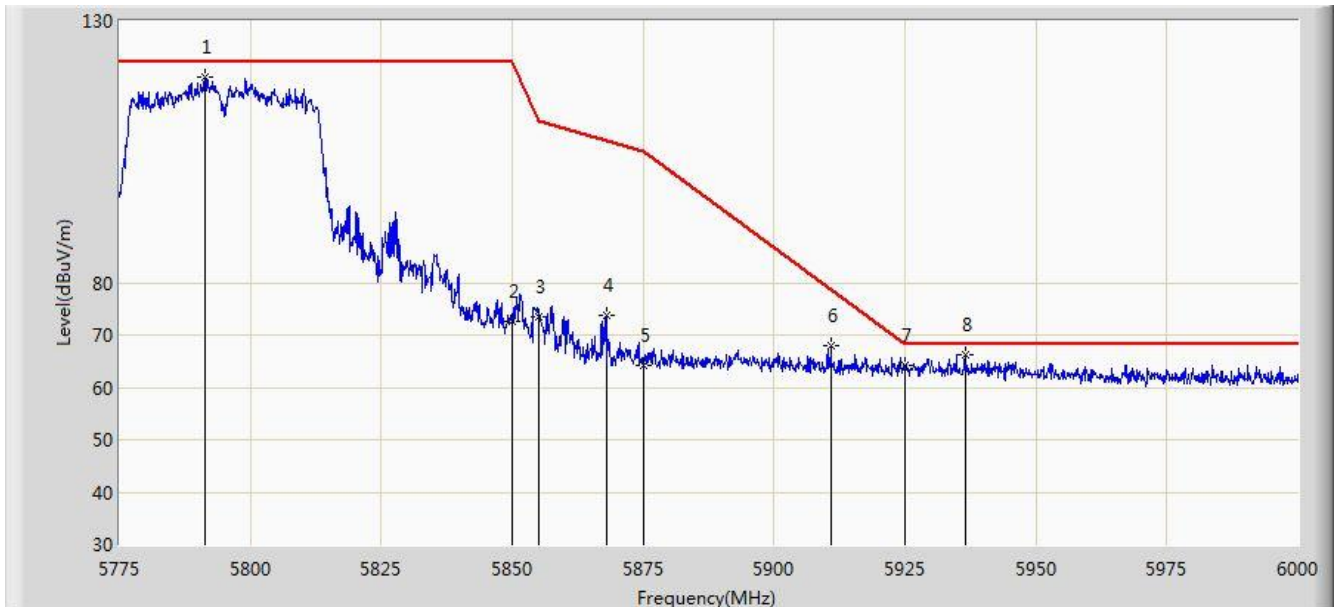


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5799.862	112.137	106.693	N/A	N/A	5.445	PK
2			5850.000	63.660	57.934	-58.540	122.200	5.726	PK
3			5851.725	69.258	63.525	-49.008	118.266	5.732	PK
4			5855.000	65.673	59.927	-45.127	110.800	5.746	PK
5			5857.462	67.834	62.078	-42.275	110.110	5.756	PK
6			5875.000	59.829	54.009	-45.371	105.200	5.820	PK
7			5887.837	62.786	56.922	-32.885	95.671	5.865	PK
8			5925.000	59.401	53.435	-8.799	68.200	5.967	PK
9		*	5956.462	62.764	56.726	-5.436	68.200	6.038	PK

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

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

Site: AC1	Time: 2017/12/21 - 03:32
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

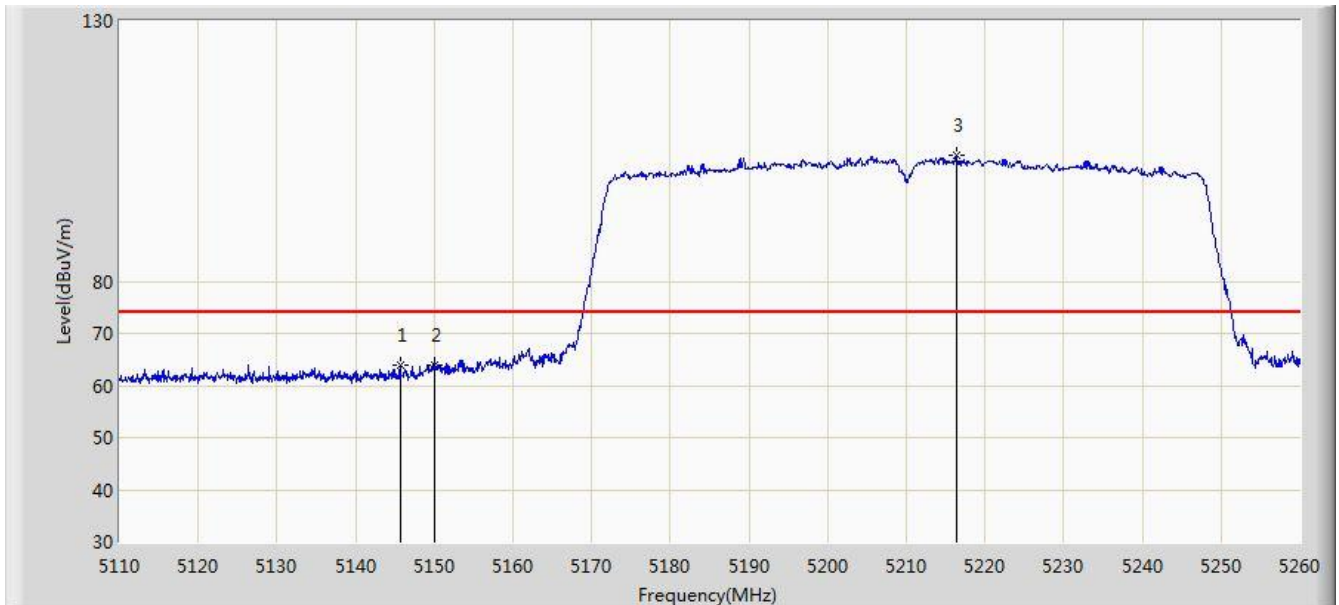


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.425	119.246	113.847	N/A	N/A	5.399	PK
2			5850.000	72.741	67.015	-49.459	122.200	5.726	PK
3			5855.000	73.449	67.703	-37.351	110.800	5.746	PK
4			5867.925	73.795	67.999	-33.384	107.179	5.796	PK
5			5875.000	64.134	58.314	-41.066	105.200	5.820	PK
6			5910.900	67.844	61.912	-10.758	78.602	5.932	PK
7			5925.000	64.063	58.097	-4.137	68.200	5.967	PK
8		*	5936.437	66.231	60.236	-1.969	68.200	5.995	PK

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

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

Site: AC1	Time: 2018/01/09 - 02:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

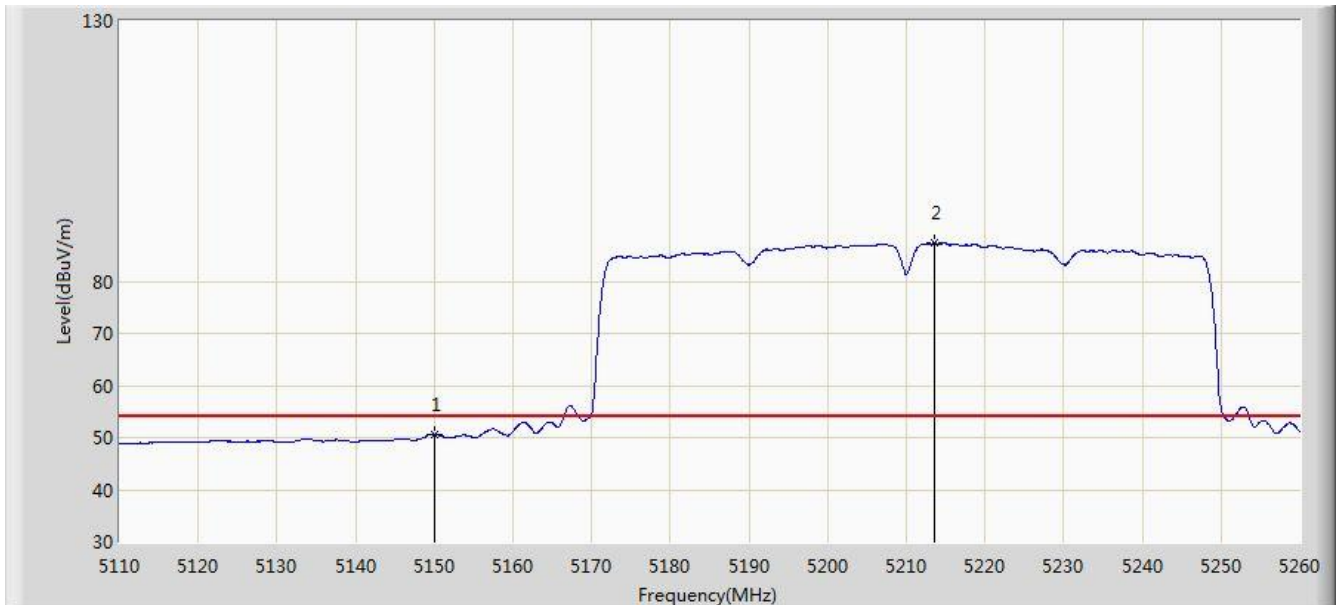


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.700	63.962	59.786	-10.038	74.000	4.176	PK
2			5150.000	63.868	59.699	-10.132	74.000	4.170	PK
3		*	5216.350	104.229	100.279	N/A	N/A	3.950	PK

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

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

Site: AC1	Time: 2018/01/09 - 02:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

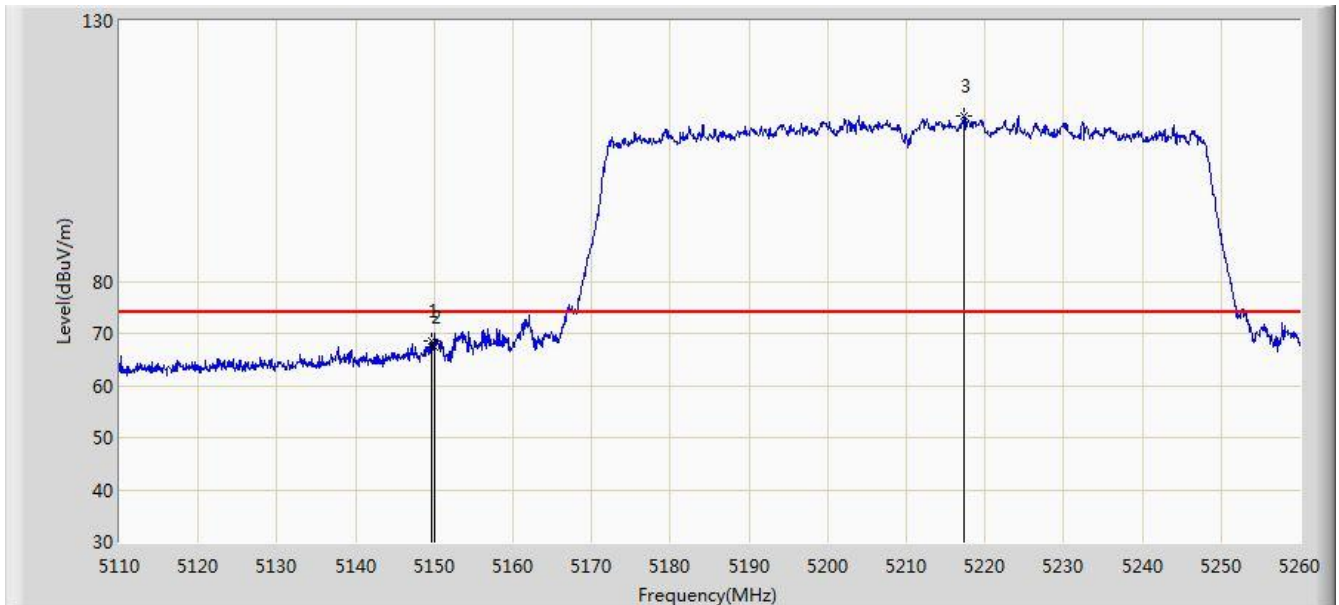


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.643	46.474	-3.357	54.000	4.170	AV
2		*	5213.500	87.301	83.343	N/A	N/A	3.959	AV

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

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

Site: AC1	Time: 2018/01/09 - 02:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.750	68.521	64.351	-5.479	74.000	4.170	PK
2			5150.000	67.435	63.266	-6.565	74.000	4.170	PK
3		*	5217.250	111.647	107.700	N/A	N/A	3.947	PK

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

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

Site: AC1	Time: 2018/01/09 - 02:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

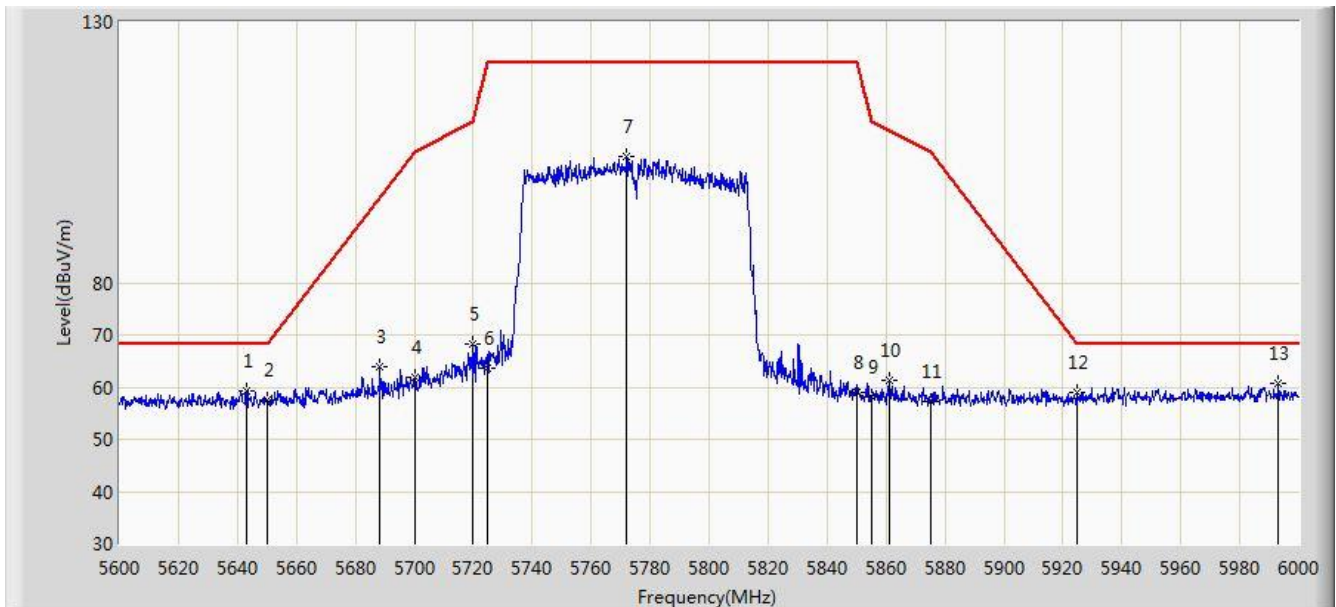


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.594	49.425	-0.406	54.000	4.170	AV
2		*	5213.725	92.347	88.389	N/A	N/A	3.958	AV

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

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

Site: AC1	Time: 2018/01/31 - 11:26
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

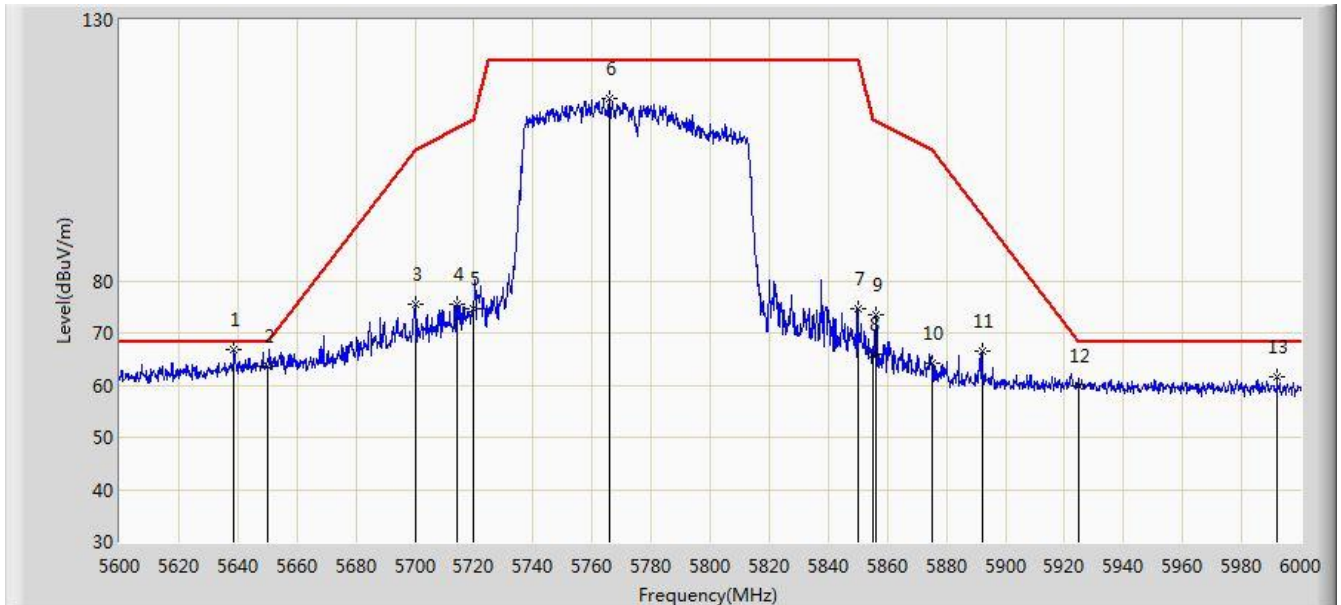


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5643.200	59.221	54.573	-8.979	68.200	4.649	PK
2			5650.000	57.614	52.943	-10.586	68.200	4.671	PK
3			5688.400	63.954	59.133	-32.691	96.645	4.820	PK
4			5700.000	61.806	56.928	-43.394	105.200	4.878	PK
5			5720.000	68.314	63.317	-42.486	110.800	4.997	PK
6			5725.000	63.757	58.728	-58.443	122.200	5.029	PK
7			5772.000	104.213	98.912	N/A	N/A	5.301	PK
8			5850.000	59.072	53.346	-63.128	122.200	5.726	PK
9			5855.000	58.142	52.396	-52.658	110.800	5.746	PK
10			5861.000	61.317	55.546	-47.801	109.118	5.771	PK
11			5875.000	57.164	51.344	-48.036	105.200	5.820	PK
12			5925.000	58.846	52.880	-9.354	68.200	5.967	PK
13		*	5993.000	60.594	54.495	-7.606	68.200	6.099	PK

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

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

Site: AC1	Time: 2018/01/31 - 11:20
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz, Ant 0 + 1 + 2 + 3 (CDD Mode)	

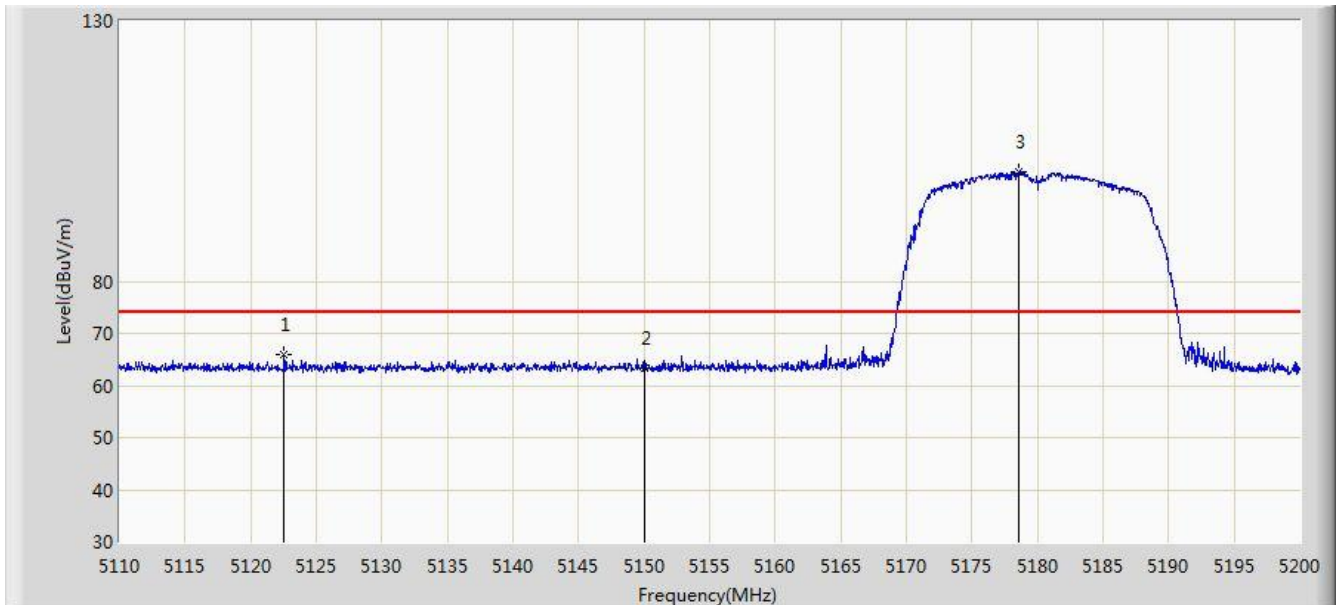


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5638.800	66.906	62.272	-1.294	68.200	4.635	PK
2			5650.000	63.620	58.949	-4.580	68.200	4.671	PK
3			5700.000	75.522	70.644	-29.678	105.200	4.878	PK
4			5714.200	75.604	70.644	-33.574	109.178	4.960	PK
5			5720.000	74.682	69.685	-36.118	110.800	4.997	PK
6			5765.800	114.941	109.672	N/A	N/A	5.269	PK
7			5850.000	74.567	68.841	-47.633	122.200	5.726	PK
8			5855.000	65.941	60.195	-44.859	110.800	5.746	PK
9			5856.000	73.455	67.705	-37.064	110.520	5.751	PK
10			5875.000	64.072	58.252	-41.128	105.200	5.820	PK
11			5892.000	66.491	60.613	-26.094	92.585	5.878	PK
12			5925.000	59.911	53.945	-8.289	68.200	5.967	PK
13			5992.000	61.575	55.478	-6.625	68.200	6.096	PK

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

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

Site: AC1	Time: 2018/02/28 - 05:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

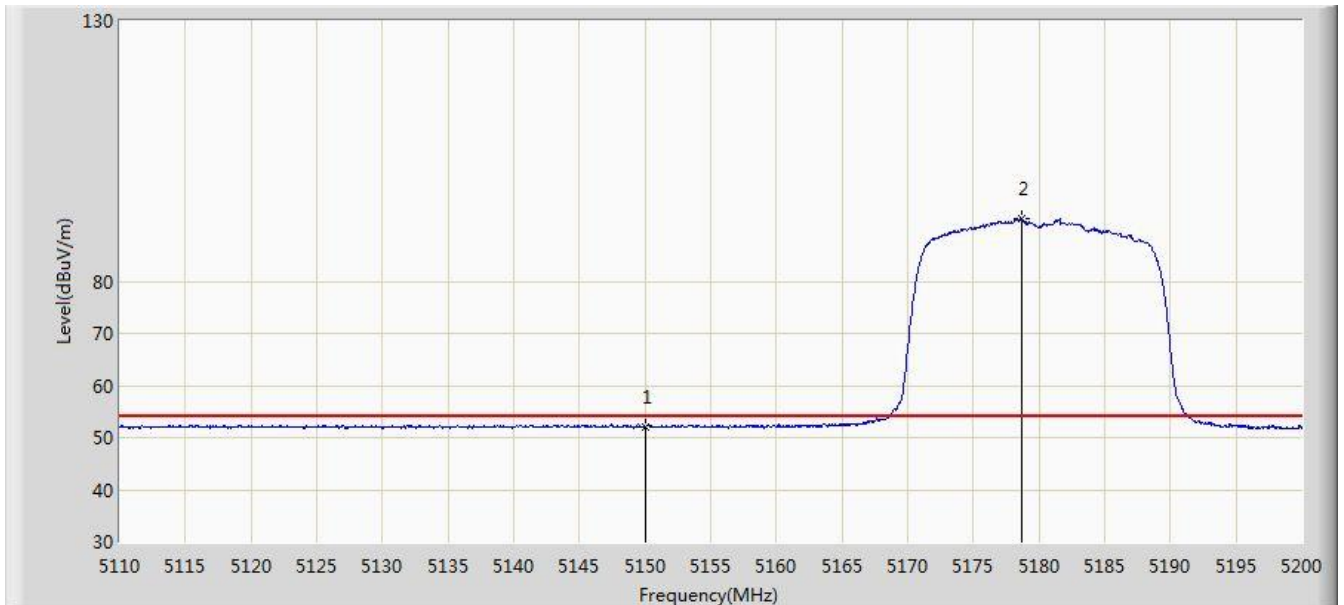


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5122.555	65.998	61.823	-8.002	74.000	4.175	PK
2			5150.000	63.247	59.078	-10.753	74.000	4.170	PK
3		*	5178.625	101.005	96.931	N/A	N/A	4.074	PK

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

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

Site: AC1	Time: 2018/02/28 - 05:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

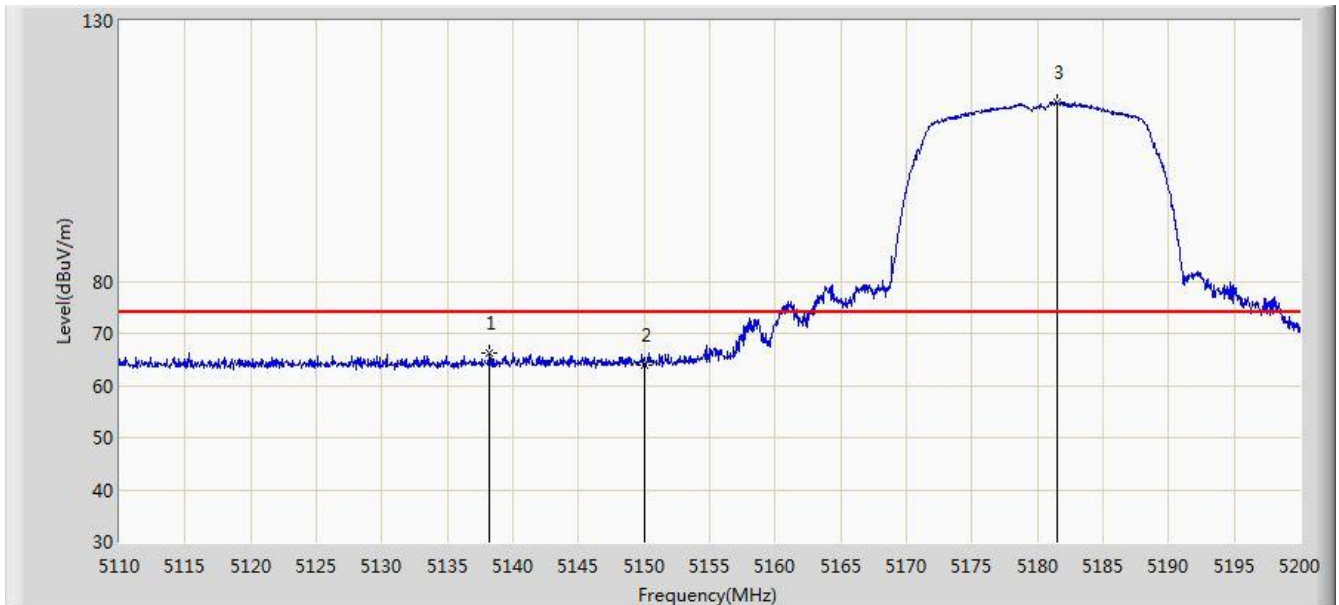


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.089	47.920	-1.911	54.000	4.170	AV
2		*	5178.670	92.147	88.073	N/A	N/A	4.073	AV

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: 2018/02/28 - 05:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

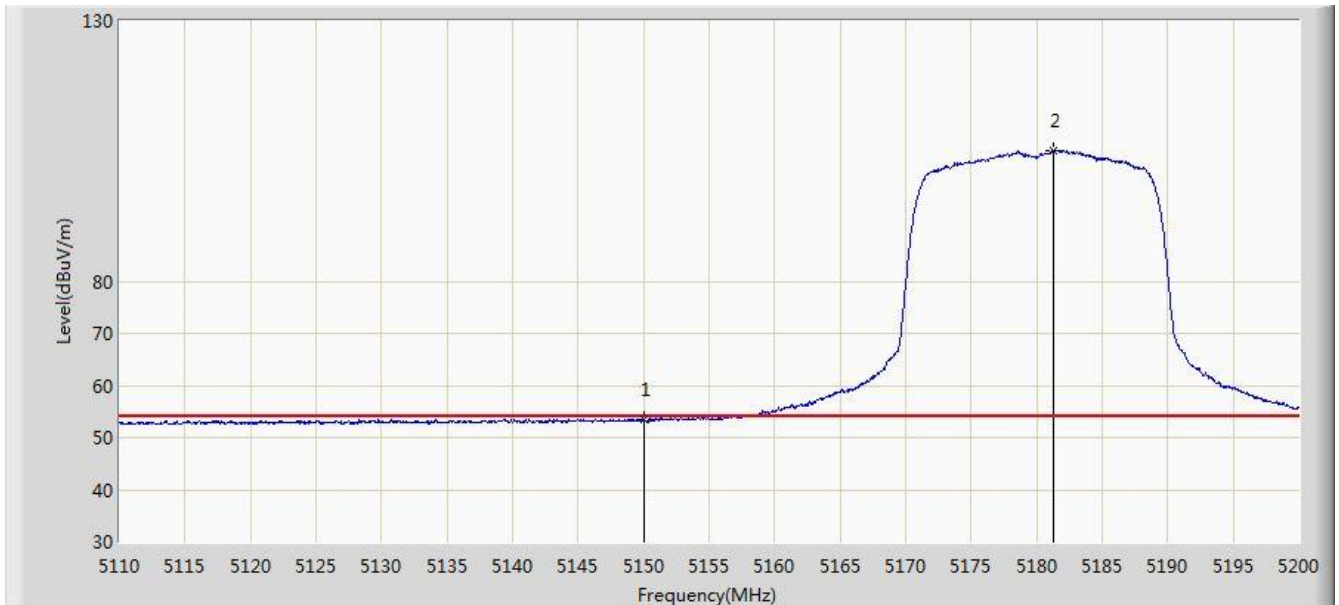


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.215	66.370	62.195	-7.630	74.000	4.175	PK
2			5150.000	63.951	59.782	-10.049	74.000	4.170	PK
3		*	5181.460	114.319	110.255	N/A	N/A	4.064	PK

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

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

Site: AC1	Time: 2018/02/28 - 05:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

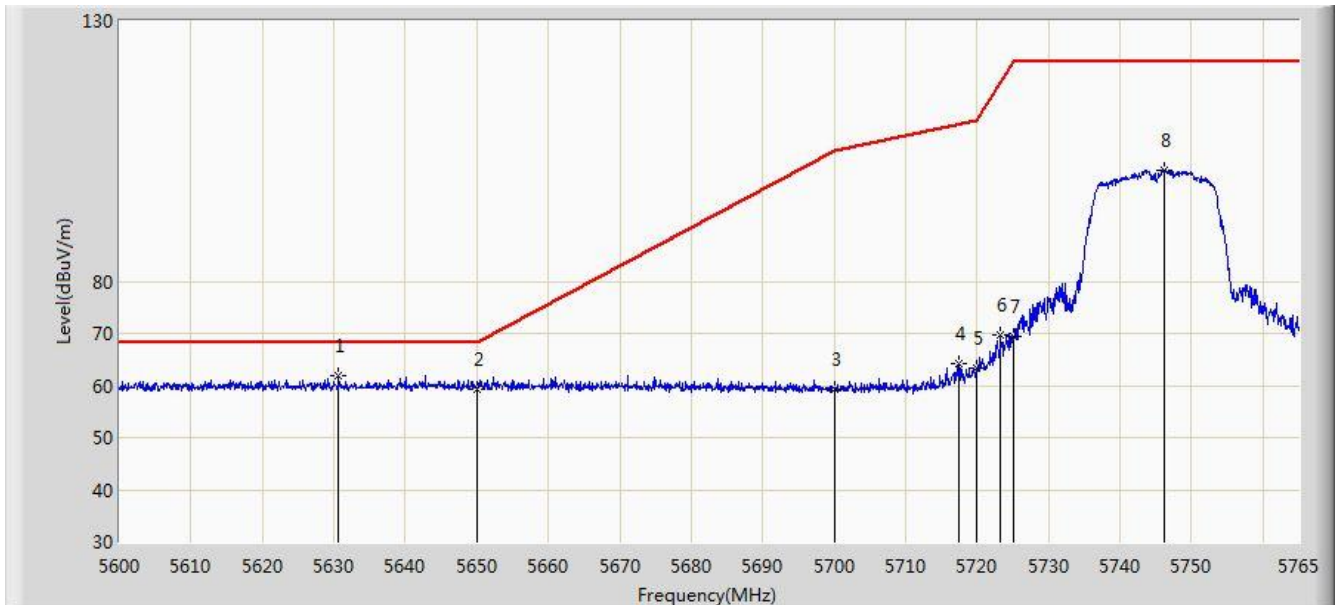


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.472	49.303	-0.528	54.000	4.170	AV
2		*	5181.325	105.178	101.114	N/A	N/A	4.064	AV

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

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

Site: AC1	Time: 2018/02/28 - 03:55
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

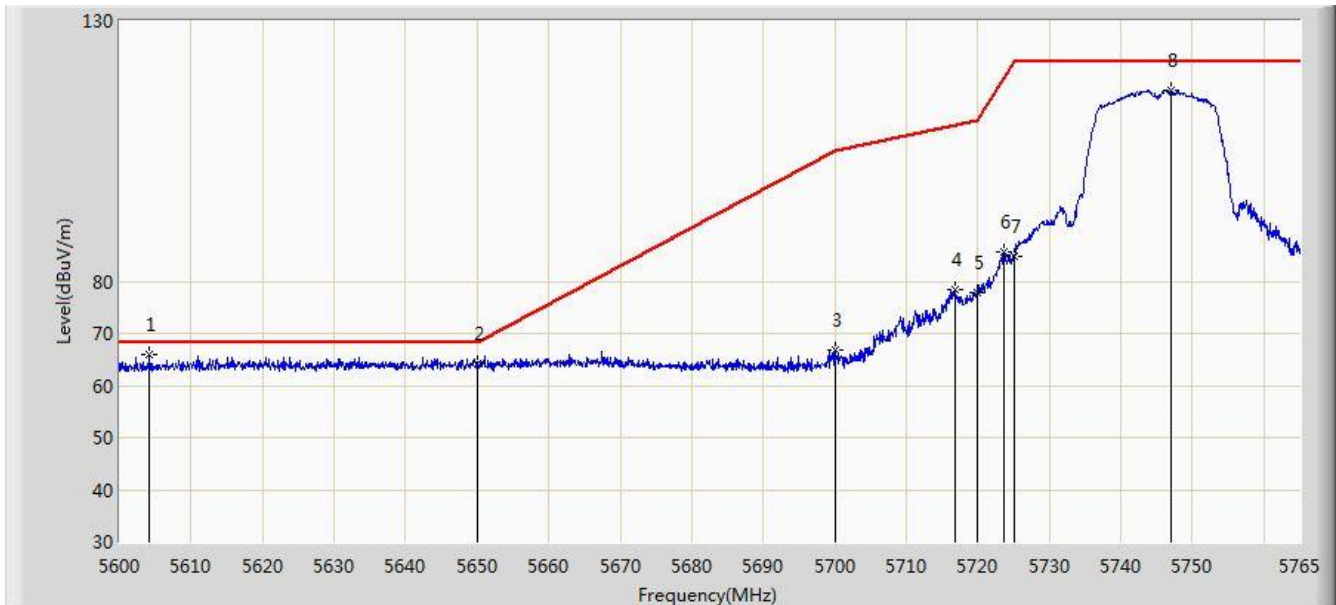


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.690	61.837	57.226	-6.363	68.200	4.611	PK
2			5650.000	59.312	54.641	-8.888	68.200	4.671	PK
3			5700.000	59.405	54.527	-45.795	105.200	4.878	PK
4			5717.397	64.311	59.331	-45.761	110.072	4.980	PK
5			5720.000	63.208	58.211	-47.592	110.800	4.997	PK
6			5723.255	69.720	64.702	-48.503	118.223	5.018	PK
7			5725.000	69.549	64.520	-52.651	122.200	5.029	PK
8			5746.190	101.341	96.179	N/A	N/A	5.161	PK

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

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

Site: AC1	Time: 2018/02/28 - 03:50
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

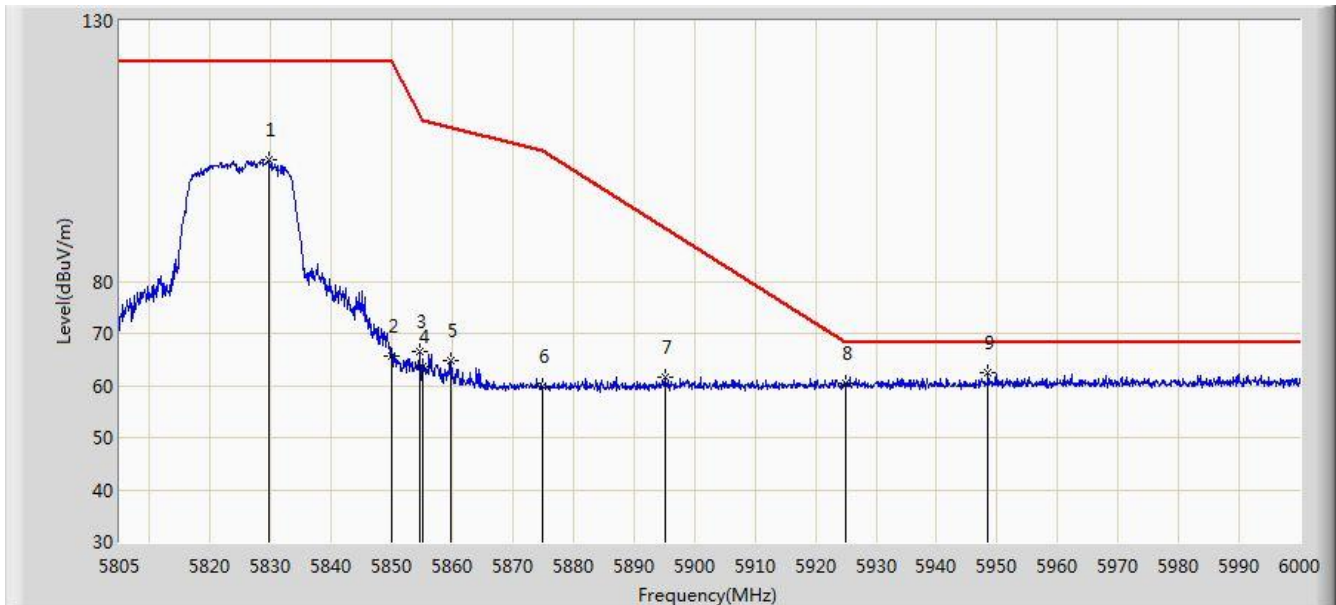


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5604.208	66.080	61.543	-2.120	68.200	4.537	PK
2			5650.000	64.311	59.640	-3.889	68.200	4.671	PK
3			5700.000	66.733	61.855	-38.467	105.200	4.878	PK
4			5716.737	78.499	73.523	-31.389	109.888	4.976	PK
5			5720.000	77.918	72.921	-32.882	110.800	4.997	PK
6			5723.585	85.531	80.511	-33.444	118.975	5.020	PK
7			5725.000	84.649	79.620	-37.551	122.200	5.029	PK
8			5746.933	116.649	111.483	N/A	N/A	5.166	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:00
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

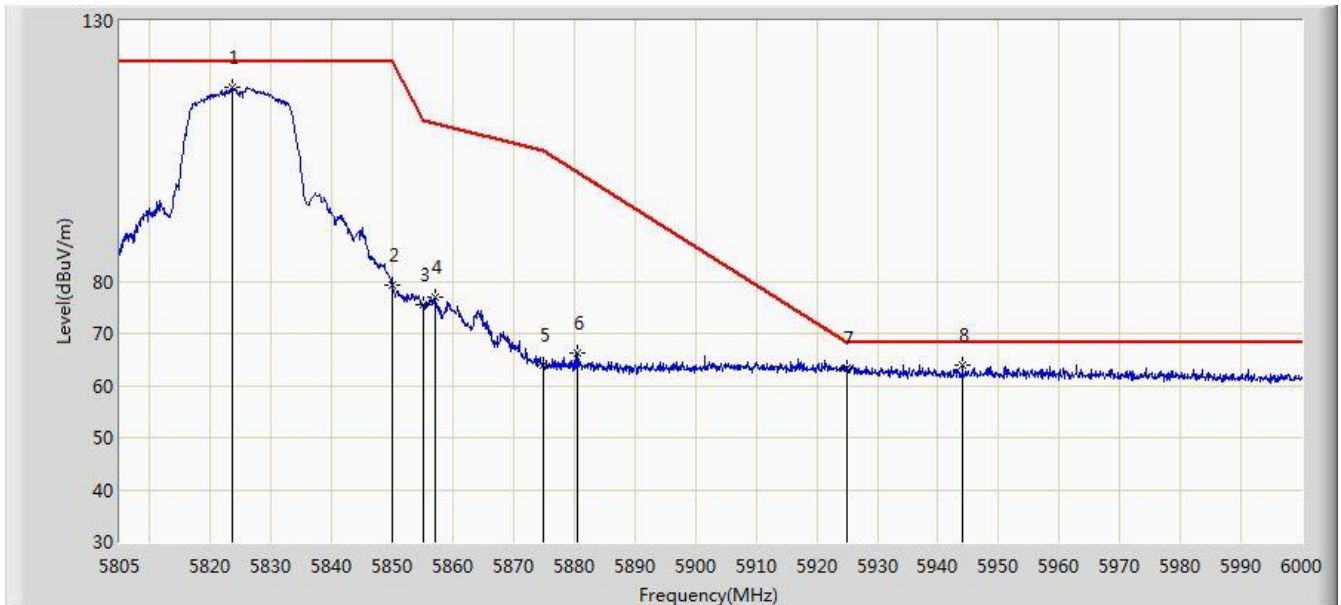


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5829.765	103.207	97.591	N/A	N/A	5.616	PK
2			5850.000	65.737	60.011	-56.463	122.200	5.726	PK
3			5854.530	66.479	60.735	-45.392	111.871	5.744	PK
4			5855.000	63.522	57.776	-47.278	110.800	5.746	PK
5			5859.697	64.753	58.987	-44.730	109.483	5.766	PK
6			5875.000	59.732	53.912	-45.468	105.200	5.820	PK
7			5895.285	61.614	55.725	-28.537	90.151	5.889	PK
8			5925.000	60.354	54.388	-7.846	68.200	5.967	PK
9		*	5948.520	62.346	56.323	-5.854	68.200	6.024	PK

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

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

Site: AC1	Time: 2018/02/28 - 03:57
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	

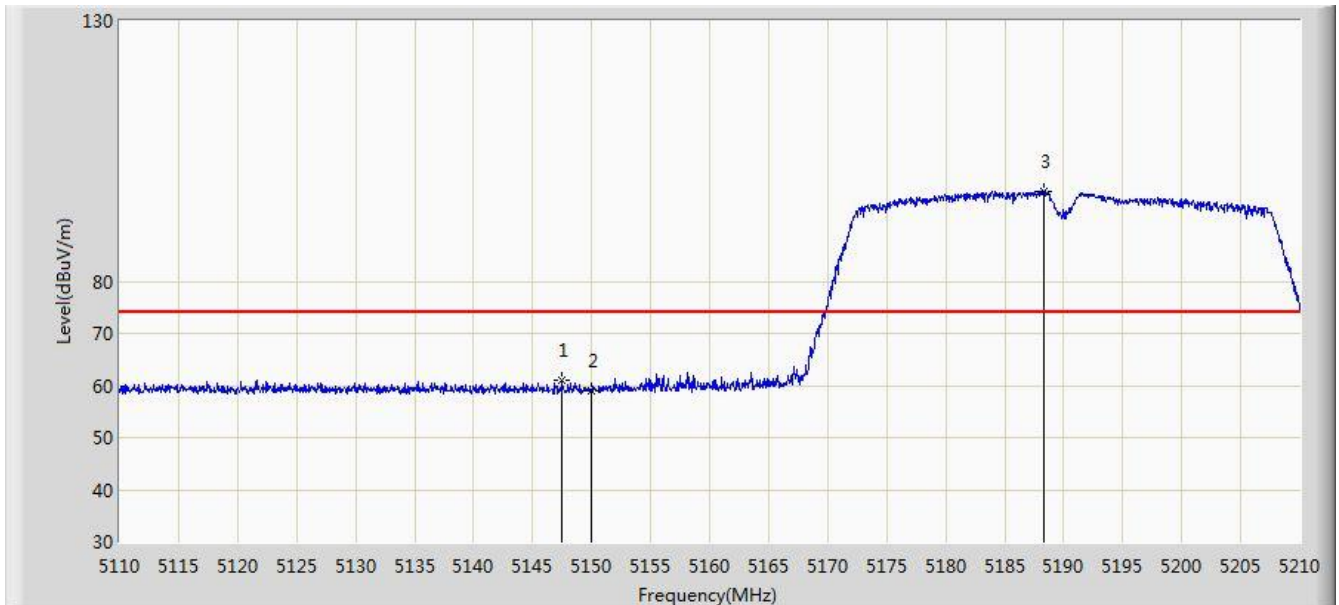


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5823.623	117.167	111.587	N/A	N/A	5.580	PK
2			5850.000	79.309	73.583	-42.891	122.200	5.726	PK
3			5855.000	75.585	69.839	-35.215	110.800	5.746	PK
4			5857.065	76.851	71.096	-33.370	110.221	5.755	PK
5			5875.000	63.901	58.081	-41.299	105.200	5.820	PK
6			5880.465	66.182	60.343	-34.959	101.141	5.838	PK
7			5925.000	63.453	57.487	-4.747	68.200	5.967	PK
8		*	5944.035	63.939	57.926	-4.261	68.200	6.012	PK

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

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

Site: AC1	Time: 2018/02/28 - 04:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC2300 Wireless MU-MIMO Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz, Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.500	61.003	56.827	-12.997	74.000	4.176	PK
2			5150.000	59.023	54.854	-14.977	74.000	4.170	PK
3		*	5188.300	97.309	93.270	N/A	N/A	4.040	PK

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

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