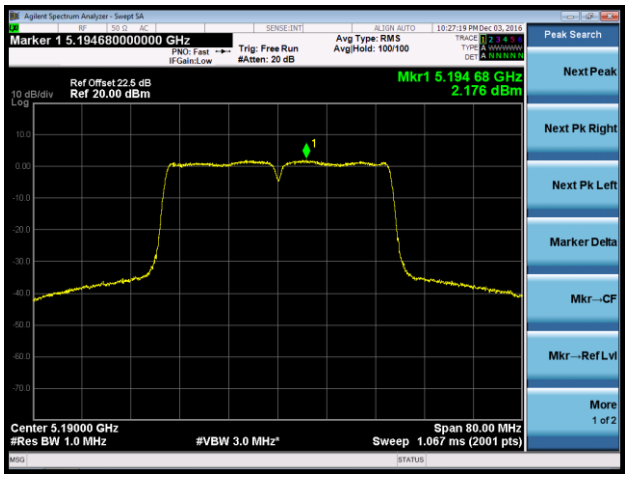
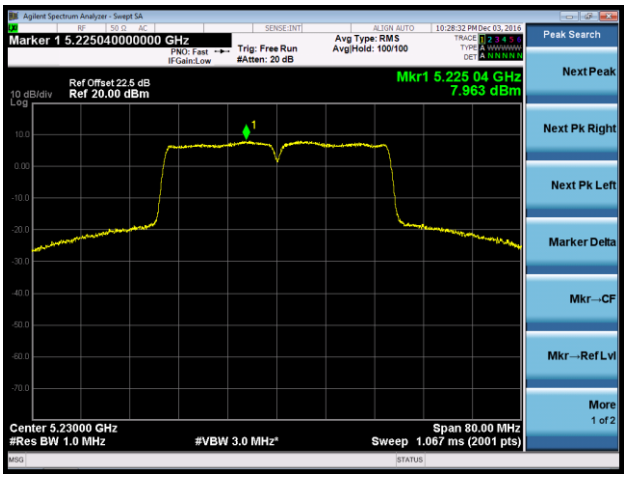
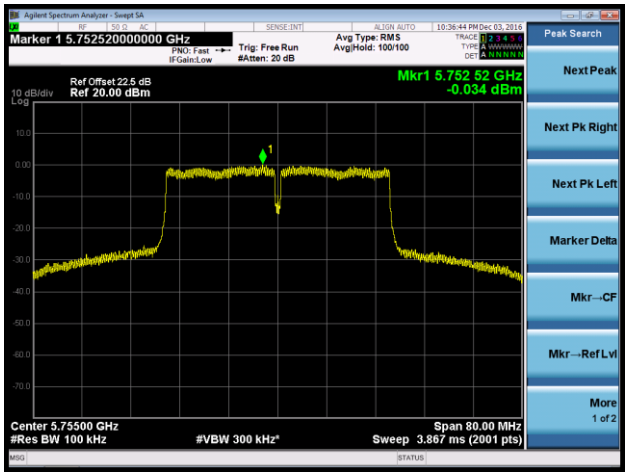
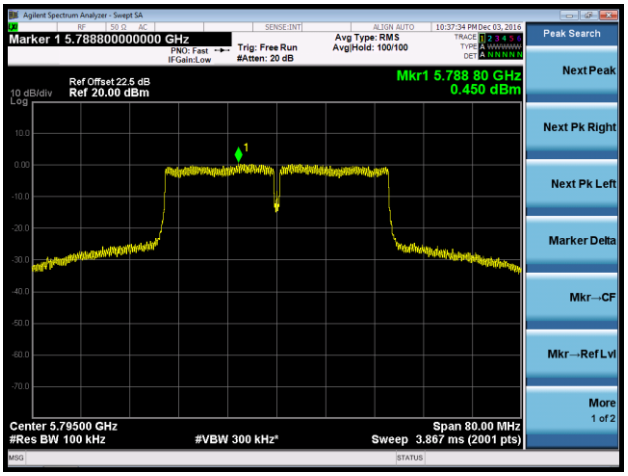
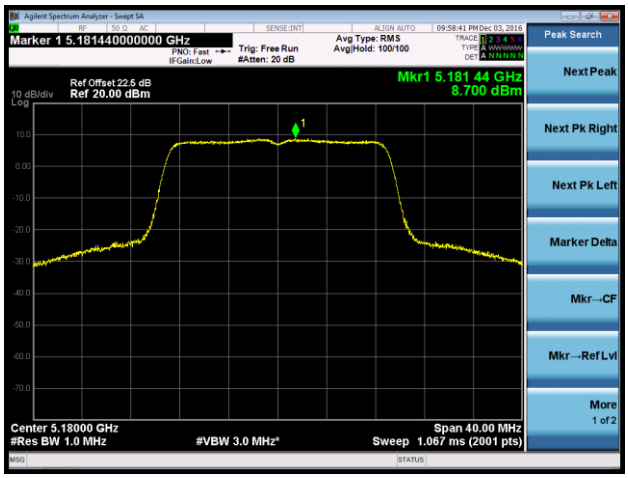
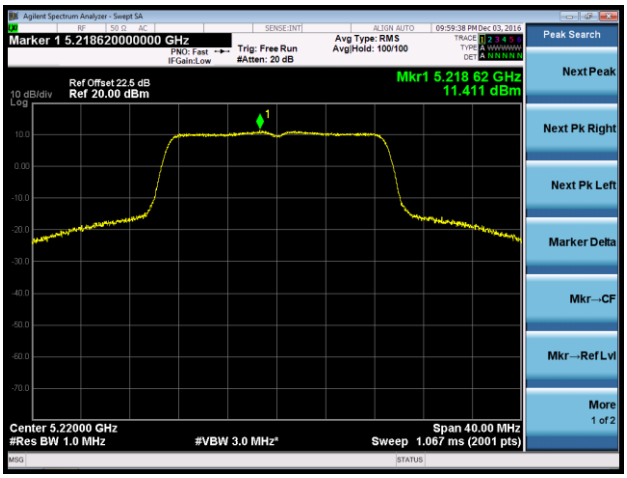
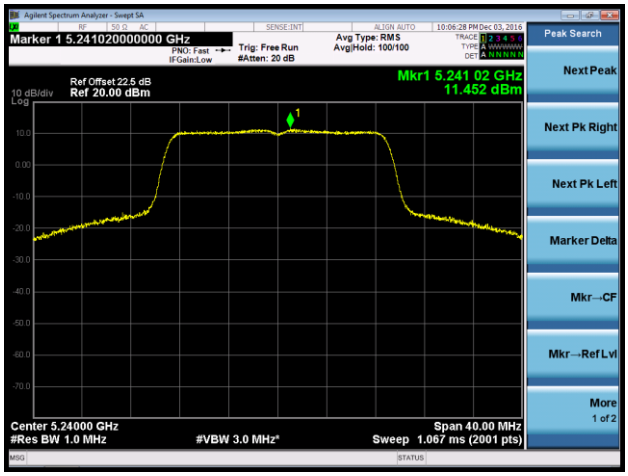
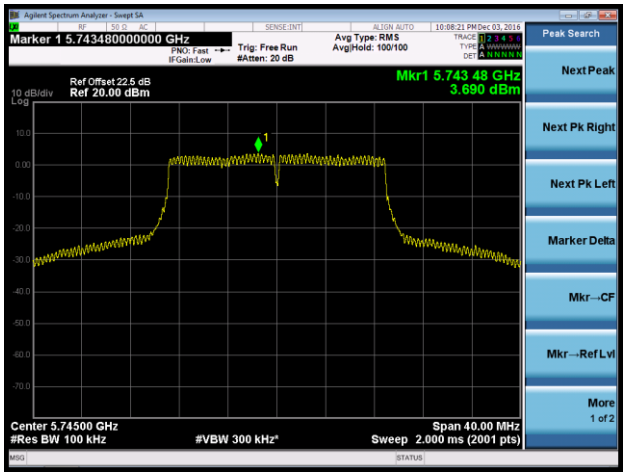
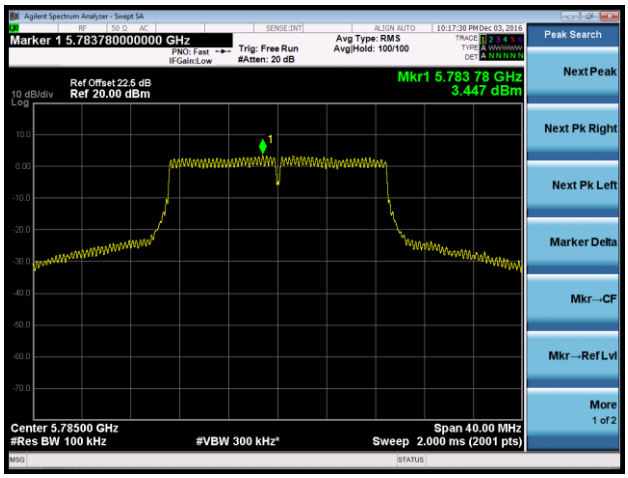
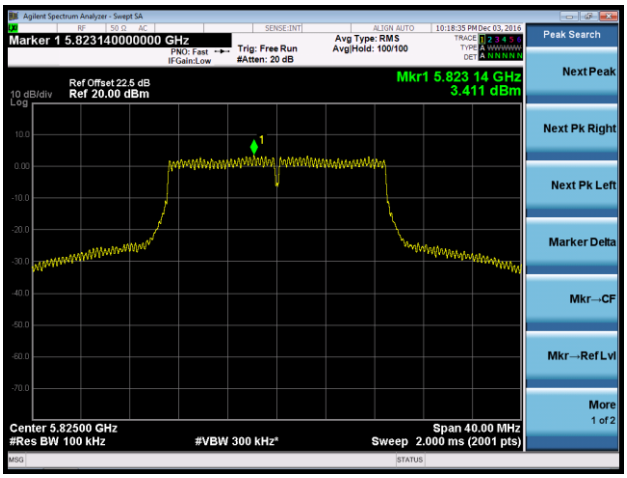
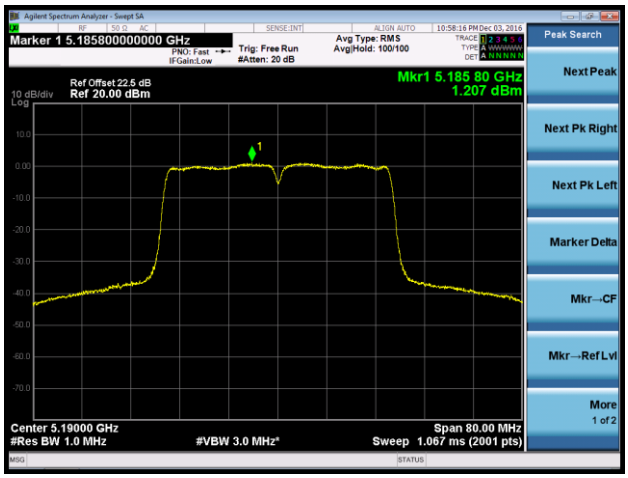
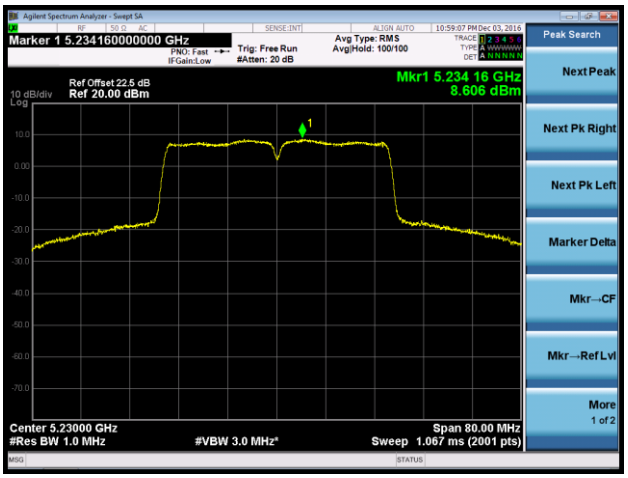
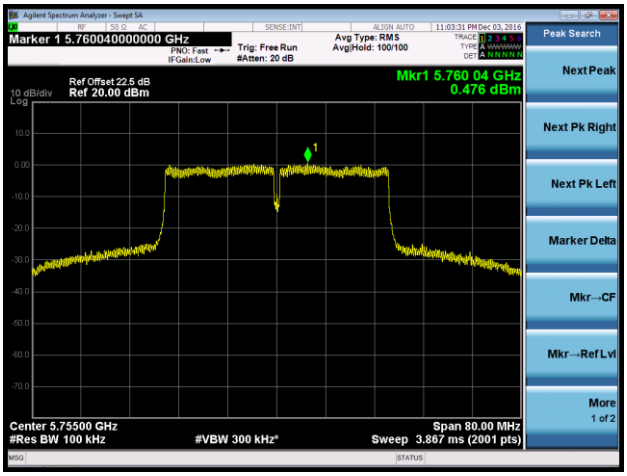
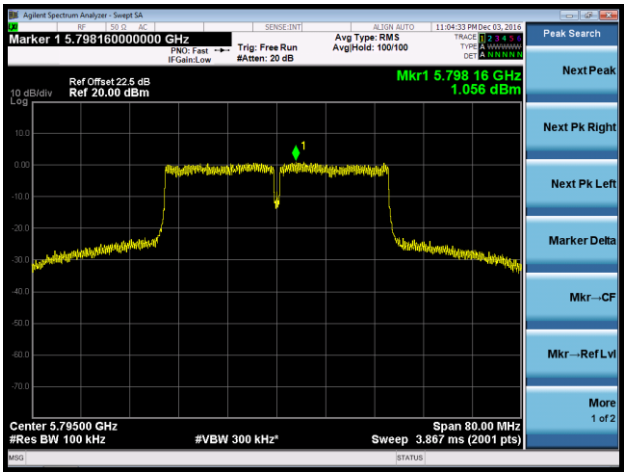
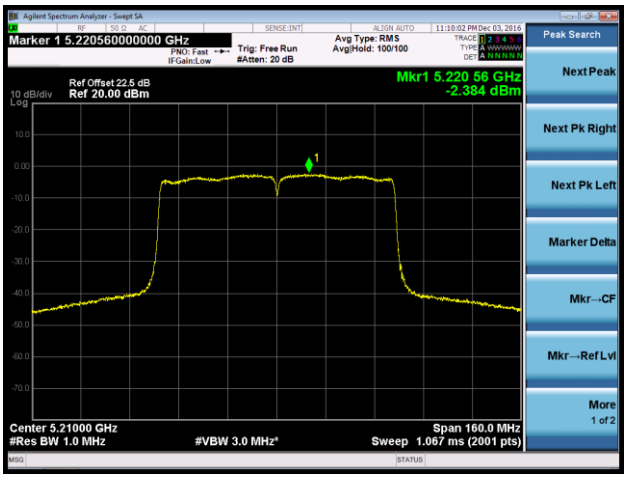
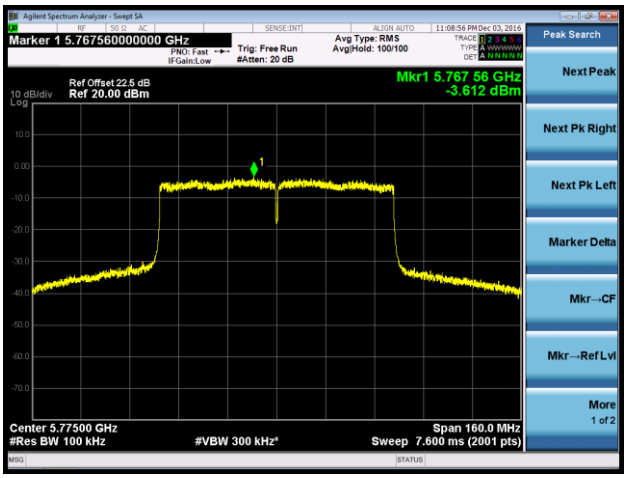
802.11n-HT40 Power Spectral Density - Ant 2 / Ant 0 +1 + 2	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 +1 + 2	
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	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 0 +1 + 2	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

7.6. Frequency Stability Measurement

7.6.1. Test Limit

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

7.6.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

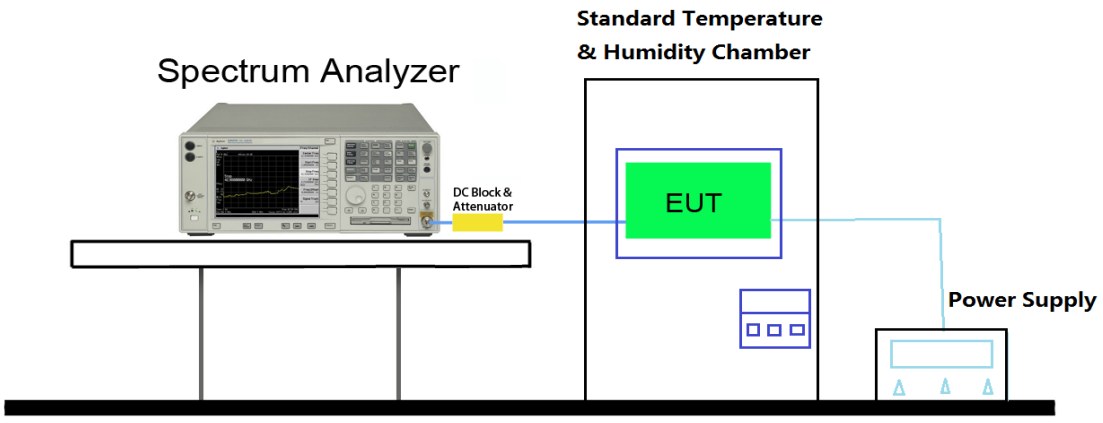
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.6.3. Test Setup



7.6.4. Test Result

Test Engineer	Amy Zhang	Temperature	-30 ~ 50°C
Test Time	2016/12/01	Relative Humidity	52%RH
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	3.85	-3.45	-4.22	3.18
		- 20	-4.15	-7.55	2.84	-2.23
		- 10	-5.10	-2.38	-5.52	-6.10
		0	-7.79	-6.52	5.59	3.43
		+ 10	4.95	-5.45	-2.59	4.11
		+ 20 (Ref)	-6.77	-4.84	-6.30	4.62
		+ 30	1.04	-3.50	-1.25	-3.42
		+ 40	-3.26	-8.13	-4.64	-2.00
		+ 50	-6.16	1.08	5.37	-4.48
115%	138	+ 20	-5.15	-5.55	3.63	-4.73
85%	102	+ 20	-5.04	-1.45	4.11	4.62

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

7.7. Radiated Spurious Emission Measurement

7.7.1. Test Limit

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

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

7.7.2. Test Procedure Used

KDB 789033 D02v01r03 – Section G

7.7.3. 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

Quasi-Peak Measurements below 1GHz

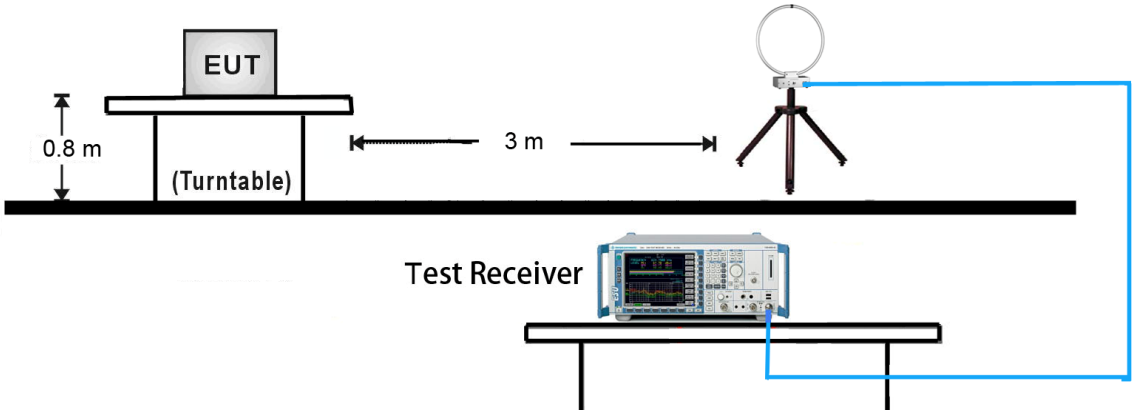
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

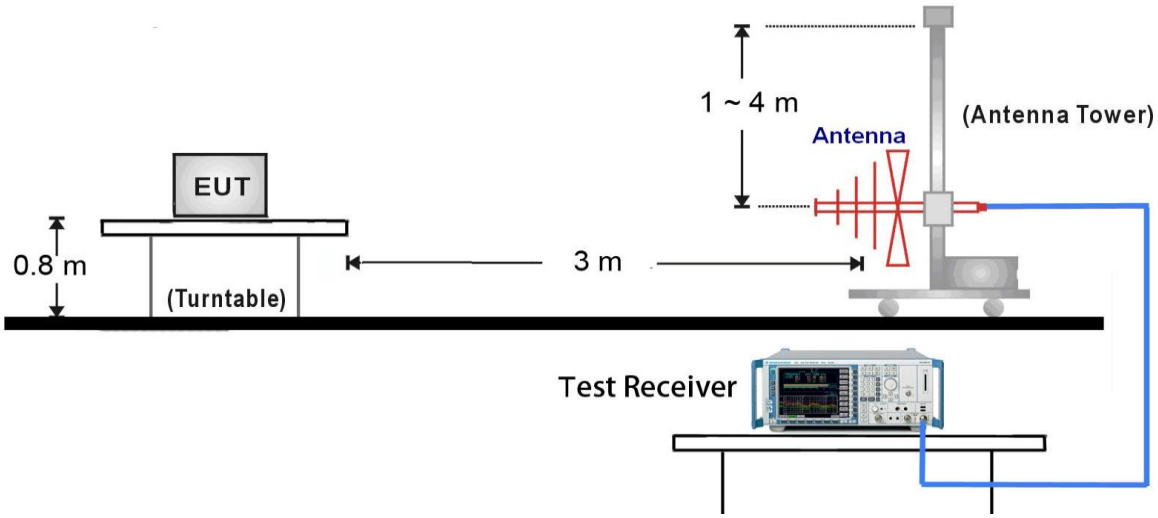
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.7.4. Test Setup

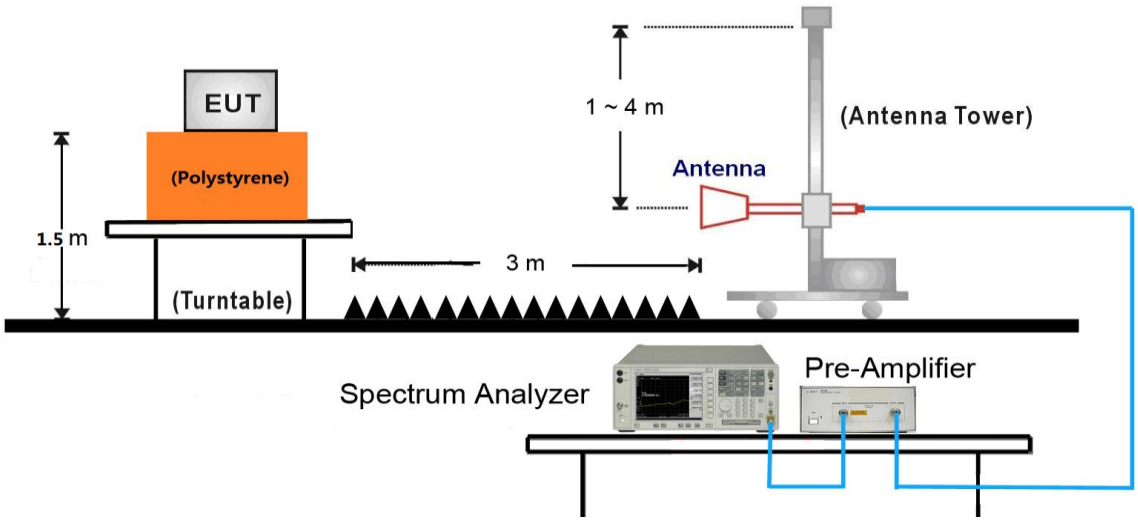
9kHz ~ 30MHz Test Setup:



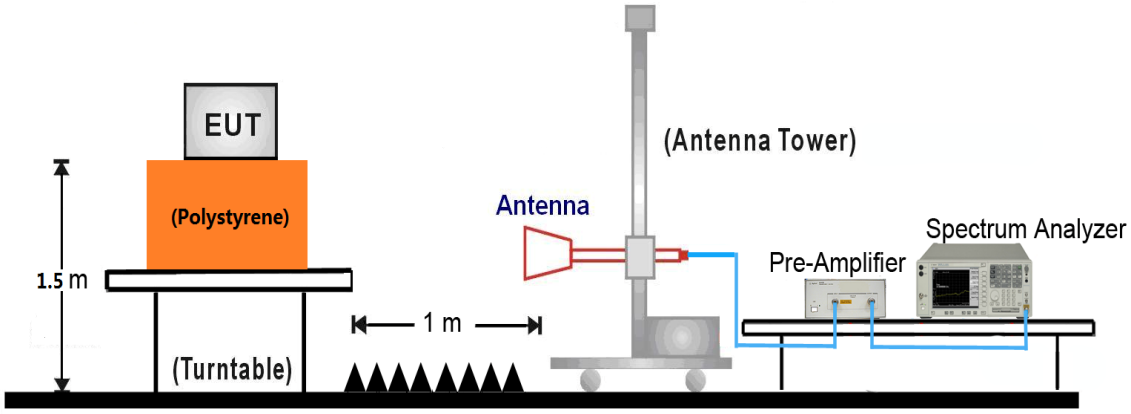
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.7.5. Test Result

CDD Mode

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Will Yan
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
	7562.0	37.8	12.8	50.6	74.0	-23.4	Peak	Horizontal
	8208.0	31.7	11.9	43.6	74.0	-30.4	Peak	Horizontal
*	8939.0	30.0	14.0	44.0	68.2	-24.2	Peak	Horizontal
*	10358.5	35.7	16.8	52.5	68.2	-15.7	Peak	Horizontal
	7562.0	44.2	12.8	57.0	74.0	-17.0	Peak	Vertical
	7562.0	20.4	12.8	33.2	54.0	-20.8	Average	Vertical
	9151.5	29.6	14.7	44.3	74.0	-29.7	Peak	Vertical
*	10358.5	35.3	16.8	52.1	68.2	-16.1	Peak	Vertical
*	13248.5	27.2	20.6	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Will Yan
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
*	9636.0	30.7	14.4	45.1	68.2	-23.1	Peak	Horizontal
*	10435.0	37.5	17.0	54.5	68.2	-13.7	Peak	Horizontal
	11523.0	27.3	19.4	46.7	74.0	-27.3	Peak	Horizontal
	15671.0	34.2	20.4	54.6	74.0	-19.4	Peak	Horizontal
	15671.0	19.5	20.4	39.9	54.0	-14.1	Average	Horizontal
*	6958.5	35.7	10.2	45.9	68.2	-22.3	Peak	Vertical
	7553.5	42.6	12.8	55.4	74.0	-18.6	Peak	Vertical
	7553.5	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
*	10443.5	39.8	17.1	56.9	68.2	-11.3	Peak	Vertical
	15662.5	37.3	20.4	57.7	74.0	-16.3	Peak	Vertical
	15662.5	23.8	20.4	44.2	54.0	-9.8	Average	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Will Yan
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
	7562.0	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	8743.5	29.2	13.9	43.1	68.2	-25.1	Peak	Horizontal
*	10477.5	38.0	17.1	55.1	68.2	-13.1	Peak	Horizontal
	15722.0	39.0	20.5	59.5	74.0	-14.5	Peak	Horizontal
	15722.0	26.0	20.5	46.5	54.0	-7.5	Average	Horizontal
	7545.0	38.1	12.8	50.9	74.0	-23.1	Peak	Vertical
*	8599.0	30.8	13.4	44.2	68.2	-24.0	Peak	Vertical
*	10486.0	40.5	17.1	57.6	68.2	-10.6	Peak	Vertical
	15722.0	41.3	20.5	61.8	74.0	-12.2	Peak	Vertical
	15722.0	29.3	20.5	49.8	54.0	-4.2	Average	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Will Yan
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
	7579.0	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
	11489.0	38.7	19.3	58.0	74.0	-16.0	Peak	Horizontal
	11489.6	27.8	19.3	47.1	54.0	-6.9	Average	Horizontal
*	13707.5	26.9	22.0	48.9	68.2	-19.3	Peak	Horizontal
*	17235.0	34.6	25.5	60.1	68.2	-8.1	Peak	Horizontal
	7545.0	40.5	12.8	53.3	74.0	-20.7	Peak	Vertical
	7545.0	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
	11489.0	39.6	19.3	58.9	74.0	-15.1	Peak	Vertical
	11489.0	29.9	19.3	49.2	54.0	-4.8	Average	Vertical
*	13070.0	25.5	20.0	45.5	68.2	-22.7	Peak	Vertical
*	17235.0	35.3	25.5	60.8	68.2	-7.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Will Yan
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
	7570.5	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
	11570.0	42.4	19.5	61.9	74.0	-12.1	Peak	Horizontal
	11570.0	31.2	19.5	50.7	54.0	-3.3	Average	Horizontal
*	13682.0	27.0	21.9	48.9	68.2	-19.3	Peak	Horizontal
*	17362.5	28.8	26.3	55.1	68.2	-13.1	Peak	Horizontal
	7562.0	39.6	12.8	52.4	74.0	-21.6	Peak	Vertical
	11570.0	44.5	19.5	64.0	74.0	-10.0	Peak	Vertical
	11570.0	33.1	19.5	52.6	54.0	-1.4	Average	Vertical
*	13682.0	26.6	21.9	48.5	68.2	-19.7	Peak	Vertical
*	17354.0	32.6	26.2	58.8	68.2	-9.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11a - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Will Yan
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
	7562.0	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
	11650.9	47.1	19.3	66.4	74.0	-7.6	Peak	Horizontal
	11650.9	34.4	19.3	53.7	54.0	-0.3	Average	Horizontal
*	13121.0	27.0	20.1	47.1	68.2	-21.1	Peak	Horizontal
*	16512.5	27.2	21.9	49.1	68.2	-19.1	Peak	Horizontal
	7562.0	39.5	12.8	52.3	74.0	-21.7	Peak	Vertical
	11650.1	43.6	19.3	62.9	74.0	-11.1	Peak	Vertical
	11650.1	34.1	19.3	53.4	54.0	-0.6	Average	Vertical
*	12917.0	27.7	19.6	47.3	68.2	-20.9	Peak	Vertical
*	14948.5	27.2	22.0	49.2	68.2	-19.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Will Yan
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
	7562.0	37.1	12.8	49.9	74.0	-24.1	Peak	Horizontal
	8471.5	31.0	12.6	43.6	74.0	-30.4	Peak	Horizontal
*	9636.0	31.5	14.4	45.9	68.2	-22.3	Peak	Horizontal
*	10358.5	34.7	16.8	51.5	68.2	-16.7	Peak	Horizontal
*	6907.5	36.7	9.9	46.6	68.2	-21.6	Peak	Vertical
	7558.5	43.2	12.8	56.0	74.0	-18.0	Peak	Vertical
	7558.5	17.2	12.8	30.0	54.0	-24.0	Average	Vertical
	9151.5	29.3	14.7	44.0	74.0	-30.0	Peak	Vertical
*	10358.5	34.0	16.8	50.8	68.2	-17.4	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)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Will Yan
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	34.7	12.8	47.5	74.0	-26.5	Peak	Horizontal
*	10103.5	30.2	15.7	45.9	68.2	-22.3	Peak	Horizontal
*	10443.5	37.1	17.1	54.2	68.2	-14.0	Peak	Horizontal
	15671.0	32.1	20.4	52.5	74.0	-21.5	Peak	Horizontal
	7558.7	41.5	12.8	54.3	74.0	-19.7	Peak	Vertical
	7558.7	17.2	12.8	30.0	54.0	-24.0	Average	Vertical
*	9593.5	30.7	14.4	45.1	68.2	-23.1	Peak	Vertical
*	10435.0	38.2	17.0	55.2	68.2	-13.0	Peak	Vertical
	15656.4	36.4	20.4	56.8	74.0	-17.2	Peak	Vertical
	15656.4	23.2	20.4	43.6	54.0	-10.4	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Will Yan
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
	7519.5	33.4	12.8	46.2	74.0	-27.8	Peak	Horizontal
*	9644.5	31.5	14.4	45.9	68.2	-22.3	Peak	Horizontal
*	10477.5	38.0	17.1	55.1	68.2	-13.1	Peak	Horizontal
	15721.0	37.3	20.5	57.8	74.0	-16.2	Peak	Horizontal
	15721.0	25.7	20.5	46.2	54.0	-7.8	Average	Horizontal
	7559.1	41.5	12.8	54.3	74.0	-19.7	Peak	Vertical
	7559.1	17.2	12.8	30.0	54.0	-24.0	Average	Vertical
*	9653.0	30.9	14.5	45.4	68.2	-22.8	Peak	Vertical
*	10477.5	38.6	17.1	55.7	68.2	-12.5	Peak	Vertical
	15721.6	43.5	20.5	64.0	74.0	-10.0	Peak	Vertical
	15721.6	28.2	20.5	48.7	54.0	-5.3	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Will Yan
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
	7519.5	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	11490.0	39.9	19.3	59.2	74.0	-14.8	Peak	Horizontal
	11490.0	26.1	19.3	45.4	54.0	-8.6	Average	Horizontal
*	13427.0	26.9	21.5	48.4	68.2	-19.8	Peak	Horizontal
*	17226.5	32.4	25.4	57.8	68.2	-10.4	Peak	Horizontal
	7545.0	40.5	12.8	53.3	74.0	-20.7	Peak	Vertical
	11489.8	38.9	19.3	58.2	74.0	-15.8	Peak	Vertical
	11489.8	28.9	19.3	48.2	54.0	-5.8	Average	Vertical
*	13104.0	27.1	20.1	47.2	68.2	-21.0	Peak	Vertical
*	17243.5	32.4	25.5	57.9	68.2	-10.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Will Yan
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
	7562.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
	11570.0	40.7	19.5	60.2	74.0	-13.8	Peak	Horizontal
	11570.0	30.2	19.5	49.7	54.0	-4.3	Average	Horizontal
*	13546.0	26.4	21.9	48.3	68.2	-19.9	Peak	Horizontal
*	17354.0	29.6	26.2	55.8	68.2	-12.4	Peak	Horizontal
	7545.0	41.0	12.8	53.8	74.0	-20.2	Peak	Vertical
	11570.1	42.6	19.5	62.1	74.0	-11.9	Peak	Vertical
	11570.1	32.3	19.5	51.8	54.0	-2.2	Average	Vertical
*	13894.5	26.9	22.3	49.2	68.2	-19.0	Peak	Vertical
*	17362.5	30.2	26.3	56.5	68.2	-11.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Will Yan
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
	7562.0	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	11650.1	46.9	19.3	66.2	74.0	-7.8	Peak	Horizontal
	11650.1	33.9	19.3	53.2	54.0	-0.8	Average	Horizontal
*	13860.5	27.4	22.3	49.7	68.2	-18.5	Peak	Horizontal
*	17481.5	27.3	26.9	54.2	68.2	-14.0	Peak	Horizontal
	7559.6	40.1	12.8	52.9	74.0	-21.1	Peak	Vertical
	7559.6	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	11650.1	45.4	19.3	64.7	74.0	-9.3	Peak	Vertical
	11650.1	34.4	19.3	53.7	54.0	-0.3	Average	Vertical
*	13733.0	26.5	22.0	48.5	68.2	-19.7	Peak	Vertical
*	17473.0	28.2	26.9	55.1	68.2	-13.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Will Yan
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
	7562.0	37.3	12.8	50.1	74.0	-23.9	Peak	Horizontal
	9151.5	30.0	14.7	44.7	74.0	-29.3	Peak	Horizontal
*	10358.5	29.6	16.8	46.4	68.2	-21.8	Peak	Horizontal
*	13427.0	26.3	21.5	47.8	68.2	-20.4	Peak	Horizontal
	7558.5	44.2	12.8	57.0	74.0	-17.0	Peak	Vertical
	7558.5	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	9083.5	29.5	14.4	43.9	74.0	-30.1	Peak	Vertical
*	9653.0	30.5	14.5	45.0	68.2	-23.2	Peak	Vertical
*	12891.5	26.2	19.4	45.6	68.2	-22.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Will Yan
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
	7562.0	36.9	12.8	49.7	74.0	-24.3	Peak	Horizontal
	9423.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
*	10460.5	33.8	17.1	50.9	68.2	-17.3	Peak	Horizontal
*	13580.0	26.6	21.8	48.4	68.2	-19.8	Peak	Horizontal
	7558.5	42.7	12.8	55.5	74.0	-18.5	Peak	Vertical
	7558.5	17.0	12.8	29.8	54.0	-24.2	Average	Vertical
	9610.5	31.0	14.4	45.4	74.0	-28.6	Peak	Vertical
*	10460.5	33.2	17.1	50.3	68.2	-17.9	Peak	Vertical
*	13758.5	26.5	22.0	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)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Will Yan
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	36.2	12.8	49.0	74.0	-25.0	Peak	Horizontal
	11509.8	36.3	19.4	55.7	74.0	-18.3	Peak	Horizontal
	11509.8	24.4	19.4	43.8	54.0	-10.2	Average	Horizontal
*	13401.5	26.8	21.4	48.2	68.2	-20.0	Peak	Horizontal
*	17269.0	30.1	25.7	55.8	68.2	-12.4	Peak	Horizontal
	7559.6	41.5	12.8	54.3	74.0	-19.7	Peak	Vertical
	7559.6	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	11520.0	40.2	19.4	59.6	74.0	-14.4	Peak	Vertical
	11520.0	26.8	19.4	46.2	54.0	-7.8	Average	Vertical
*	14098.5	26.7	22.9	49.6	68.2	-18.6	Peak	Vertical
*	17260.5	31.4	25.6	57.0	68.2	-11.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Will Yan
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
	7579.0	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
	11590.0	39.7	19.5	59.2	74.0	-14.8	Peak	Horizontal
	11590.0	26.8	19.5	46.3	54.0	-7.7	Average	Horizontal
*	13996.5	26.3	22.7	49.0	68.2	-19.2	Peak	Horizontal
*	17354.0	26.5	26.2	52.7	68.2	-15.5	Peak	Horizontal
	7558.2	41.5	12.8	54.3	74.0	-19.7	Peak	Vertical
	7558.2	17.1	12.8	29.9	54.0	-24.1	Average	Vertical
	11590.0	40.5	19.5	60.0	74.0	-14.0	Peak	Vertical
	11590.0	29.0	19.5	48.5	54.0	-5.5	Average	Vertical
*	13784.0	26.9	22.1	49.0	68.2	-19.2	Peak	Vertical
*	17354.0	28.4	26.2	54.6	68.2	-13.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Will Yan
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
	7562.0	34.5	12.8	47.3	74.0	-26.7	Peak	Horizontal
	8276.0	30.1	11.9	42.0	74.0	-32.0	Peak	Horizontal
*	9857.0	29.7	16.2	45.9	68.2	-22.3	Peak	Horizontal
*	10358.5	35.7	16.8	52.5	68.2	-15.7	Peak	Horizontal
	7559.4	42.2	12.8	55.0	74.0	-19.0	Peak	Vertical
	7559.4	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
*	9593.5	31.9	14.4	46.3	68.2	-21.9	Peak	Vertical
*	10358.5	35.0	16.8	51.8	68.2	-16.4	Peak	Vertical
	15526.5	29.1	20.6	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Will Yan
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
	7545.0	34.5	12.8	47.3	74.0	-26.7	Peak	Horizontal
*	10435.0	37.5	17.0	54.5	68.2	-13.7	Peak	Horizontal
*	13078.5	27.2	20.0	47.2	68.2	-21.0	Peak	Horizontal
	15654.0	32.2	20.4	52.6	74.0	-21.4	Peak	Horizontal
	7548.5	41.9	12.8	54.7	74.0	-19.3	Peak	Vertical
	7548.5	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
*	10443.5	38.7	17.1	55.8	68.2	-12.4	Peak	Vertical
*	13418.5	26.2	21.5	47.7	68.2	-20.5	Peak	Vertical
	15656.7	36.8	20.4	57.2	74.0	-16.8	Peak	Vertical
	15656.7	24.8	20.4	45.2	54.0	-8.8	Average	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Will Yan
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
	7587.5	31.7	12.7	44.4	74.0	-29.6	Peak	Horizontal
*	10477.5	39.8	17.1	56.9	68.2	-11.3	Peak	Horizontal
*	13860.5	26.2	22.3	48.5	68.2	-19.7	Peak	Horizontal
	15716.9	39.0	20.5	59.5	74.0	-14.5	Peak	Horizontal
	15716.9	27.2	20.5	47.7	54.0	-6.3	Average	Horizontal
	7536.5	39.3	12.8	52.1	74.0	-21.9	Peak	Vertical
*	10477.5	39.8	17.1	56.9	68.2	-11.3	Peak	Vertical
*	13733.0	26.3	22.0	48.3	68.2	-19.9	Peak	Vertical
	15713.5	31.0	20.5	51.5	54.0	-2.5	Peak	Vertical
	15713.5	41.6	20.5	62.1	74.0	-11.9	Average	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Will Yan
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
	7528.0	33.3	12.8	46.1	74.0	-27.9	Peak	Horizontal
	11487.5	37.7	19.3	57.0	74.0	-17.0	Peak	Horizontal
	11487.5	25.4	19.3	44.7	54.0	-9.3	Average	Horizontal
*	14030.5	26.5	22.7	49.2	68.2	-19.0	Peak	Horizontal
*	17243.5	34.0	25.5	59.5	68.2	-8.7	Peak	Horizontal
	7559.0	41.7	12.8	54.5	74.0	-19.5	Peak	Vertical
	7559.0	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	11490.3	38.2	19.3	57.5	74.0	-16.5	Peak	Vertical
	11490.3	29.2	19.3	48.5	54.0	-5.5	Average	Vertical
*	13648.0	26.5	21.8	48.3	68.2	-19.9	Peak	Vertical
*	17226.5	35.5	25.4	60.9	68.2	-7.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Will Yan
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	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
	11570.0	42.3	19.5	61.8	74.0	-12.2	Peak	Horizontal
	11570.0	30.6	19.5	50.1	54.0	-3.9	Average	Horizontal
*	14149.5	26.8	23.0	49.8	68.2	-18.4	Peak	Horizontal
*	17354.0	29.4	26.2	55.6	68.2	-12.6	Peak	Horizontal
	7558.2	40.7	12.8	53.5	74.0	-20.5	Peak	Vertical
	7558.2	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
	11570.0	44.4	19.5	63.9	74.0	-10.1	Peak	Vertical
	11570.0	33.9	19.5	53.4	54.0	-0.6	Average	Vertical
*	13792.5	26.3	22.1	48.4	68.2	-19.8	Peak	Vertical
*	17362.5	30.4	26.3	56.7	68.2	-11.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Will Yan
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	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
	11650.0	46.0	19.3	65.3	74.0	-8.7	Peak	Horizontal
	11650.0	33.2	19.3	52.5	54.0	-1.5	Average	Horizontal
*	13792.5	27.1	22.1	49.2	68.2	-19.0	Peak	Horizontal
*	17090.5	25.6	24.8	50.4	68.2	-17.8	Peak	Horizontal
	7528.0	38.0	12.8	50.8	74.0	-23.2	Peak	Vertical
	11650.0	42.9	19.4	62.3	74.0	-11.7	Peak	Vertical
	11650.0	34.2	19.3	53.5	54.0	-0.5	Average	Vertical
*	14115.5	26.9	22.9	49.8	68.2	-18.4	Peak	Vertical
*	17456.0	27.3	26.7	54.0	68.2	-14.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Will Yan
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
	7587.5	37.2	12.7	49.9	74.0	-24.1	Peak	Horizontal
	10622.0	29.6	17.3	46.9	74.0	-27.1	Peak	Horizontal
*	13911.5	26.7	22.4	49.1	68.2	-19.1	Peak	Horizontal
*	16988.5	26.7	24.5	51.2	68.2	-17.0	Peak	Horizontal
	7558.5	43.1	12.8	55.9	74.0	-18.1	Peak	Vertical
	7558.5	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	9100.5	29.7	14.4	44.1	74.0	-29.9	Peak	Vertical
*	10231.0	29.7	16.4	46.1	68.2	-22.1	Peak	Vertical
*	13733.0	26.8	22.0	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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Will Yan
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
	7545.0	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
	9415.0	30.1	14.5	44.6	74.0	-29.4	Peak	Horizontal
*	10460.5	33.4	17.1	50.5	68.2	-17.7	Peak	Horizontal
*	13996.5	26.8	22.7	49.5	68.2	-18.7	Peak	Horizontal
	7562.1	42.8	12.8	55.6	74.0	-18.4	Peak	Vertical
	7562.1	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
*	10460.5	33.8	17.1	50.9	68.2	-17.3	Peak	Vertical
*	13546.0	26.3	21.9	48.2	68.2	-20.0	Peak	Vertical
	15688.0	30.5	20.5	51.0	74.0	-23.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Will Yan
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	36.9	12.8	49.7	74.0	-24.3	Peak	Horizontal
	11519.8	35.4	19.4	54.8	74.0	-19.2	Peak	Horizontal
	11519.8	25.2	19.4	44.6	54.0	-9.4	Average	Horizontal
*	14081.5	26.4	22.8	49.2	68.2	-19.0	Peak	Horizontal
*	17260.5	32.2	25.6	57.8	68.2	-10.4	Peak	Horizontal
	7562.0	41.5	12.8	54.3	74.0	-19.7	Peak	Vertical
	7562.0	31.5	12.8	44.3	54.0	-9.7	Average	Vertical
	11515.1	37.8	19.4	57.2	74.0	-16.8	Peak	Vertical
	11515.1	27.7	19.4	47.1	54.0	-6.9	Average	Vertical
*	14047.5	26.6	22.7	49.3	68.2	-18.9	Peak	Vertical
*	17243.5	32.2	25.5	57.7	68.2	-10.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Will Yan
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	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	11589.9	39.7	19.5	59.2	74.0	-14.8	Peak	Horizontal
	11589.9	28.1	19.5	47.6	54.0	-6.4	Average	Horizontal
*	13724.5	27.3	22.0	49.3	68.2	-18.9	Peak	Horizontal
*	17379.5	26.8	26.4	53.2	68.2	-15.0	Peak	Horizontal
	7548.5	42.0	12.8	54.8	74.0	-19.2	Peak	Vertical
	7548.5	17.3	12.8	30.1	54.0	-23.9	Average	Vertical
	11590.1	39.5	19.5	59.0	74.0	-15.0	Peak	Vertical
	11590.1	29.4	19.5	48.9	54.0	-5.1	Average	Vertical
*	13597.0	27.1	21.8	48.9	68.2	-19.3	Peak	Vertical
*	17388.0	27.1	26.4	53.5	68.2	-14.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Will Yan
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	38.1	12.8	50.9	74.0	-23.1	Peak	Horizontal
	10741.0	28.8	17.6	46.4	74.0	-27.6	Peak	Horizontal
*	14379.0	27.1	23.2	50.3	68.2	-17.9	Peak	Horizontal
*	17022.5	26.5	24.6	51.1	68.2	-17.1	Peak	Horizontal
	7558.0	44.7	12.8	57.5	74.0	-16.5	Peak	Vertical
	7558.0	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
	11625.0	27.5	19.4	46.9	74.0	-27.1	Peak	Vertical
*	13843.5	26.4	22.2	48.6	68.2	-19.6	Peak	Vertical
*	17303.0	25.7	25.9	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)

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Will Yan
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
	7545.0	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
	11560.0	36.2	19.5	55.7	74.0	-18.3	Peak	Horizontal
	11560.0	22.0	19.5	41.5	54.0	-12.5	Average	Horizontal
*	13843.5	26.3	22.2	48.5	68.2	-19.7	Peak	Horizontal
*	16920.5	27.1	24.3	51.4	68.2	-16.8	Peak	Horizontal
	7561.2	42.9	12.8	55.7	74.0	-18.3	Peak	Vertical
	7561.2	17.4	12.8	30.2	54.0	-23.8	Average	Vertical
	11560.1	36.2	19.5	55.7	74.0	-18.3	Peak	Vertical
	11560.1	24.4	19.5	43.9	54.0	-10.1	Average	Vertical
*	13894.5	27.0	22.3	49.3	68.2	-18.9	Peak	Vertical
*	17532.5	25.9	27.3	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Beamforming Mode

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Will Yan
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
	7579.0	37.1	12.7	49.8	74.0	-24.2	Peak	Horizontal
	7749.0	32.0	12.4	44.4	74.0	-29.6	Peak	Horizontal
*	8650.0	33.0	13.6	46.6	68.2	-21.6	Peak	Horizontal
*	10350.0	35.4	16.8	52.2	68.2	-16.0	Peak	Horizontal
	7627.2	44.5	12.6	57.1	74.0	-16.9	Peak	Vertical
	7627.2	18.9	12.6	31.5	54.0	-22.5	Average	Vertical
	8038.0	32.5	12.5	45.0	74.0	-29.0	Peak	Vertical
*	10358.5	34.7	16.8	51.5	68.2	-16.7	Peak	Vertical
*	13571.5	28.8	21.8	50.6	68.2	-17.6	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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Will Yan
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
	7579.0	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
*	10443.5	39.0	17.1	56.1	68.2	-12.1	Peak	Horizontal
*	12857.5	28.7	19.3	48.0	68.2	-20.2	Peak	Horizontal
	15662.5	33.0	20.4	53.4	74.0	-20.6	Peak	Horizontal
	7627.8	41.9	12.6	54.5	74.0	-19.5	Peak	Vertical
	7627.8	18.8	12.6	31.4	54.0	-22.6	Average	Vertical
*	10435.0	38.2	17.0	55.2	68.2	-13.0	Peak	Vertical
*	13410.0	30.1	21.5	51.6	68.2	-16.6	Peak	Vertical
	15656.5	36.7	20.4	57.1	74.0	-16.9	Peak	Vertical
	15656.5	25.8	20.4	46.2	54.0	-7.8	Average	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Will Yan
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
	7570.5	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
*	10486.0	36.4	17.1	53.5	68.2	-14.7	Peak	Horizontal
*	13223.0	29.5	20.4	49.9	68.2	-18.3	Peak	Horizontal
	15721.7	36.7	20.5	57.2	74.0	-16.8	Peak	Horizontal
	15721.7	22.2	20.5	42.7	54.0	-11.3	Average	Horizontal
	7629.8	41.5	12.6	54.1	74.0	-19.9	Peak	Vertical
	7629.8	18.6	12.6	31.2	54.0	-22.8	Average	Vertical
*	10486.0	36.1	17.1	53.2	68.2	-15.0	Peak	Vertical
*	13733.0	29.8	22.0	51.8	68.2	-16.4	Peak	Vertical
	15729.8	37.9	20.5	58.4	74.0	-15.6	Peak	Vertical
	15729.8	25.8	20.5	46.3	54.0	-7.7	Average	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Will Yan
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
	7570.5	33.2	12.8	46.0	74.0	-28.0	Peak	Horizontal
	11489.5	35.5	19.3	54.8	74.0	-19.2	Peak	Horizontal
	11489.5	24.2	19.3	43.5	54.0	-10.5	Average	Horizontal
*	13962.5	29.4	22.5	51.9	68.2	-16.3	Peak	Horizontal
*	17226.5	33.4	25.4	58.8	68.2	-9.4	Peak	Horizontal
	7514.9	41.1	12.8	53.9	74.0	-20.1	Peak	Vertical
	7514.9	18.1	12.8	30.9	54.0	-23.1	Average	Vertical
	11495.2	37.8	19.3	57.1	74.0	-16.9	Peak	Vertical
	11495.2	28.6	19.3	47.9	54.0	-6.1	Average	Vertical
*	13775.5	29.1	22.1	51.2	68.2	-17.0	Peak	Vertical
*	17235.0	34.6	25.5	60.1	68.2	-8.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Will Yan
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
	9338.5	31.6	14.6	46.2	74.0	-27.8	Peak	Horizontal
	11570.6	37.3	19.5	56.8	74.0	-17.2	Peak	Horizontal
	11570.6	26.8	19.5	46.3	54.0	-7.7	Average	Horizontal
*	13733.0	29.6	22.0	51.6	68.2	-16.6	Peak	Horizontal
*	17371.0	28.6	26.3	54.9	68.2	-13.3	Peak	Horizontal
	7570.5	38.7	12.8	51.5	74.0	-22.5	Peak	Vertical
	11581.6	39.9	19.5	59.4	74.0	-14.6	Peak	Vertical
	11581.6	29.1	19.5	48.6	54.0	-5.4	Average	Vertical
*	14005.0	28.7	22.7	51.4	68.2	-16.8	Peak	Vertical
*	17354.0	32.2	26.2	58.4	68.2	-9.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Will Yan
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
	7545.0	33.3	12.8	46.1	74.0	-27.9	Peak	Horizontal
	11649.5	44.2	19.3	63.5	74.0	-10.5	Peak	Horizontal
	11649.5	34.0	19.3	53.3	54.0	-0.7	Average	Horizontal
*	12832.0	28.1	19.2	47.3	68.2	-20.9	Peak	Horizontal
*	13741.5	29.4	22.0	51.4	68.2	-16.8	Peak	Horizontal
	7553.5	39.7	12.8	52.5	74.0	-21.5	Peak	Vertical
	11651.4	43.0	19.3	62.3	74.0	-11.7	Peak	Vertical
	11651.4	30.8	19.3	50.1	54.0	-3.9	Average	Vertical
*	13435.5	28.9	21.6	50.5	68.2	-17.7	Peak	Vertical
*	16827.0	27.2	23.9	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Will Yan
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
	7579.0	38.6	12.7	51.3	74.0	-22.7	Peak	Horizontal
	11030.0	29.7	18.5	48.2	74.0	-25.8	Peak	Horizontal
*	13427.0	28.6	21.5	50.1	68.2	-18.1	Peak	Horizontal
*	17388.0	26.7	26.4	53.1	68.2	-15.1	Peak	Horizontal
	7517.4	42.8	12.8	55.6	74.0	-18.4	Peak	Vertical
	7517.4	17.9	12.8	30.7	54.0	-23.3	Average	Vertical
	11540.0	28.9	19.4	48.3	74.0	-25.7	Peak	Vertical
*	13954.0	29.2	22.5	51.7	68.2	-16.5	Peak	Vertical
*	16784.5	27.9	23.6	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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Will Yan
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
	7570.5	33.4	12.8	46.2	74.0	-27.8	Peak	Horizontal
	10435.0	33.7	17.0	50.7	74.0	-23.3	Peak	Horizontal
*	13920.0	29.0	22.4	51.4	68.2	-16.8	Peak	Horizontal
*	16546.5	28.1	22.1	50.2	68.2	-18.0	Peak	Horizontal
	7579.0	39.2	12.7	51.9	74.0	-22.1	Peak	Vertical
*	10435.0	35.3	17.0	52.3	68.2	-15.9	Peak	Vertical
*	13733.0	28.7	22.0	50.7	68.2	-17.5	Peak	Vertical
	15705.0	31.9	20.5	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Will Yan
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
	7545.0	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	11514.5	34.4	19.4	53.8	74.0	-20.2	Peak	Horizontal
*	13860.5	29.2	22.3	51.5	68.2	-16.7	Peak	Horizontal
*	17252.0	30.4	25.6	56.0	68.2	-12.2	Peak	Horizontal
	7515.8	42.3	12.8	55.1	74.0	-18.9	Peak	Vertical
	7515.8	17.9	12.8	30.7	54.0	-23.3	Average	Vertical
	11520.3	36.3	19.4	55.7	74.0	-18.3	Peak	Vertical
	11520.3	24.2	19.4	43.6	54.0	-10.4	Average	Vertical
*	13724.5	29.1	22.0	51.1	68.2	-17.1	Peak	Vertical
*	17252.0	30.9	25.6	56.5	68.2	-11.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Will Yan
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
	7562.0	31.9	12.8	44.7	74.0	-29.3	Peak	Horizontal
	11602.0	38.7	19.4	58.1	74.0	-15.9	Peak	Horizontal
	11602.0	26.1	19.4	45.5	54.0	-8.5	Average	Horizontal
*	13835.0	29.2	22.2	51.4	68.2	-16.8	Peak	Horizontal
*	17388.0	26.8	26.4	53.2	68.2	-15.0	Peak	Horizontal
	7606.9	41.2	12.7	53.9	74.0	-20.1	Peak	Vertical
	7606.9	17.9	12.7	30.6	54.0	-23.4	Average	Vertical
	11595.8	37.2	19.4	56.6	74.0	-17.4	Peak	Vertical
	11595.8	26.4	19.4	45.8	54.0	-8.2	Average	Vertical
*	13707.5	29.4	22.0	51.4	68.2	-16.8	Peak	Vertical
*	17345.5	30.8	26.1	56.9	68.2	-11.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/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)

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Will Yan
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
	7570.5	37.6	12.8	50.4	74.0	-23.6	Peak	Horizontal
	9389.5	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
*	10171.5	30.8	16.1	46.9	68.2	-21.3	Peak	Horizontal
*	13852.0	29.3	22.3	51.6	68.2	-16.6	Peak	Horizontal
	7561.4	43.1	12.8	55.9	74.0	-18.1	Peak	Vertical
	7561.4	17.7	12.8	30.5	54.0	-23.5	Average	Vertical
	10690.0	29.7	17.4	47.1	74.0	-26.9	Peak	Vertical
*	13877.5	28.6	22.3	50.9	68.2	-17.3	Peak	Vertical
*	17133.0	26.3	24.9	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)

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Will Yan
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
	7596.0	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
	11480.5	33.8	19.3	53.1	74.0	-20.9	Peak	Horizontal
*	13971.0	28.8	22.6	51.4	68.2	-16.8	Peak	Horizontal
*	17260.5	26.8	25.6	52.4	68.2	-15.8	Peak	Horizontal
	7605.2	42.5	12.7	55.2	74.0	-18.8	Peak	Vertical
	7605.2	17.8	12.7	30.5	54.0	-23.5	Average	Vertical
	11548.5	33.3	19.4	52.7	74.0	-21.3	Peak	Vertical
*	14039.0	29.2	22.7	51.9	68.2	-16.3	Peak	Vertical
*	16793.0	27.3	23.7	51.0	68.2	-17.2	Peak	Vertical

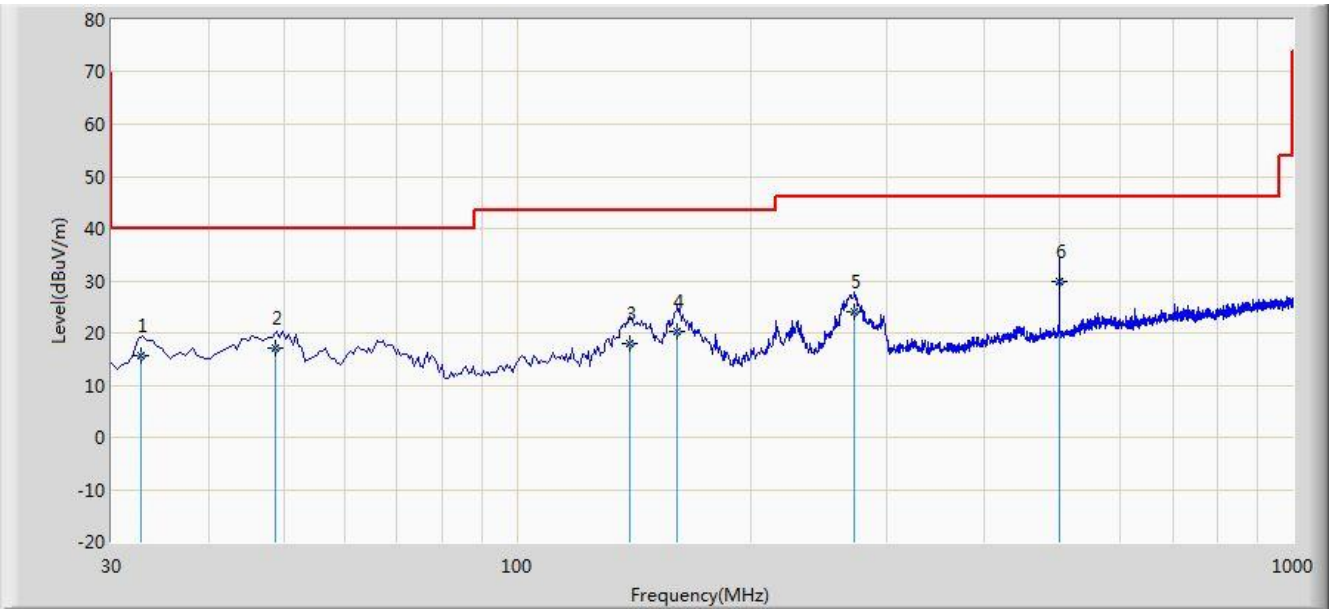
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: 2016/12/19 - 15:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 5230MHz Ant 0 + 1 + 2	

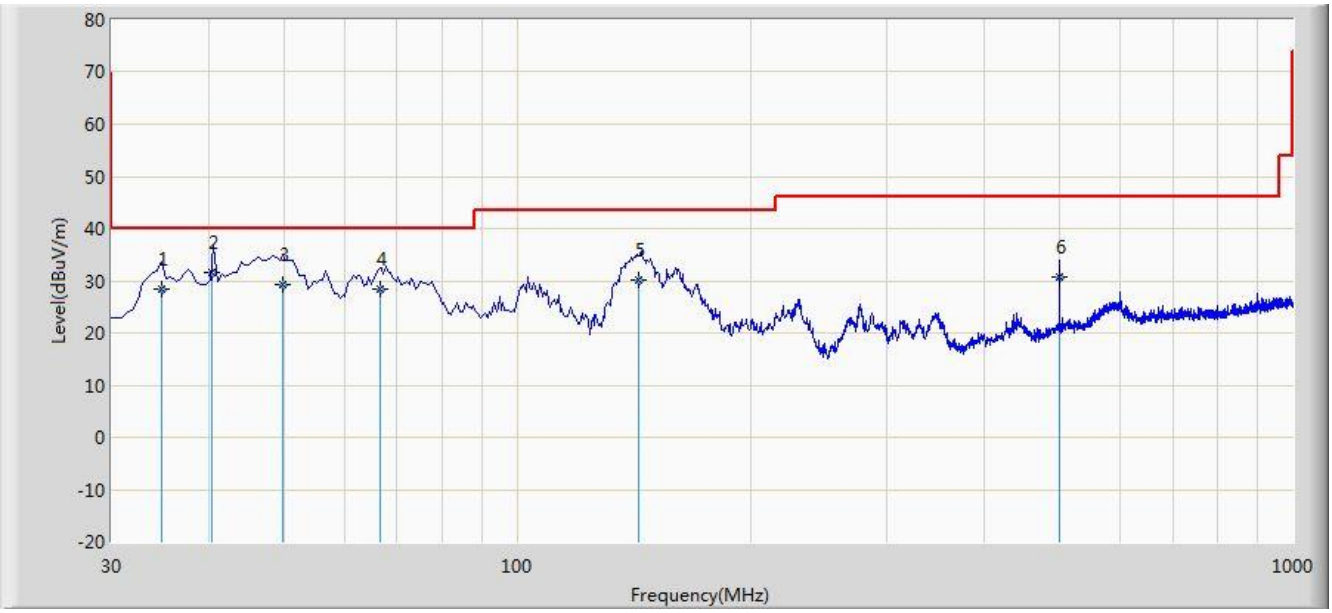


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			32.790	15.762	2.040	-24.238	40.000	13.723	QP
2			48.850	17.137	3.040	-22.863	40.000	14.097	QP
3			139.520	18.012	3.560	-25.488	43.500	14.452	QP
4			160.870	20.340	5.230	-23.160	43.500	15.110	QP
5			272.420	24.006	10.430	-21.994	46.000	13.577	QP
6		*	500.000	29.803	11.320	-16.197	46.000	18.483	QP

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

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

Site: AC1	Time: 2016/12/19 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 5230MHz Ant 0 + 1 + 2	

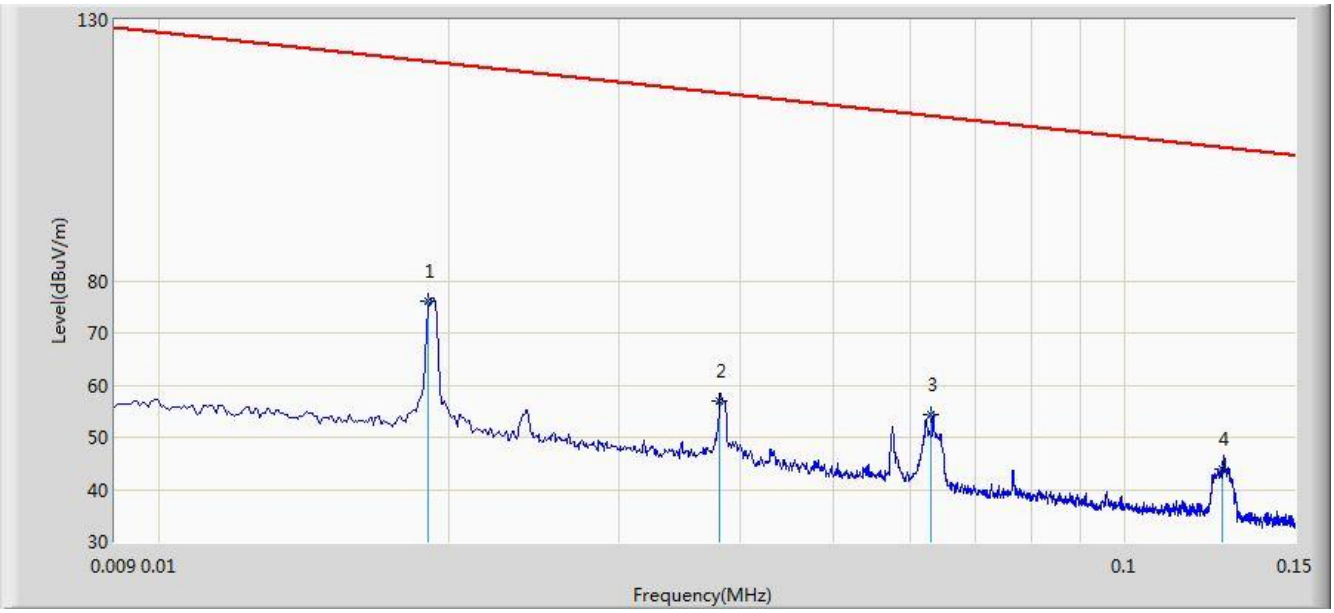


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			34.760	28.361	14.520	-11.639	40.000	13.841	QP
2		*	40.360	31.693	17.200	-8.307	40.000	14.493	QP
3			49.950	29.400	15.340	-10.600	40.000	14.060	QP
4			66.740	28.405	16.310	-11.595	40.000	12.095	QP
5			143.530	30.151	15.420	-13.349	43.500	14.731	QP
6			500.000	30.803	12.320	-15.197	46.000	18.483	QP

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

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

Site: AC1	Time: 2016/12/20 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

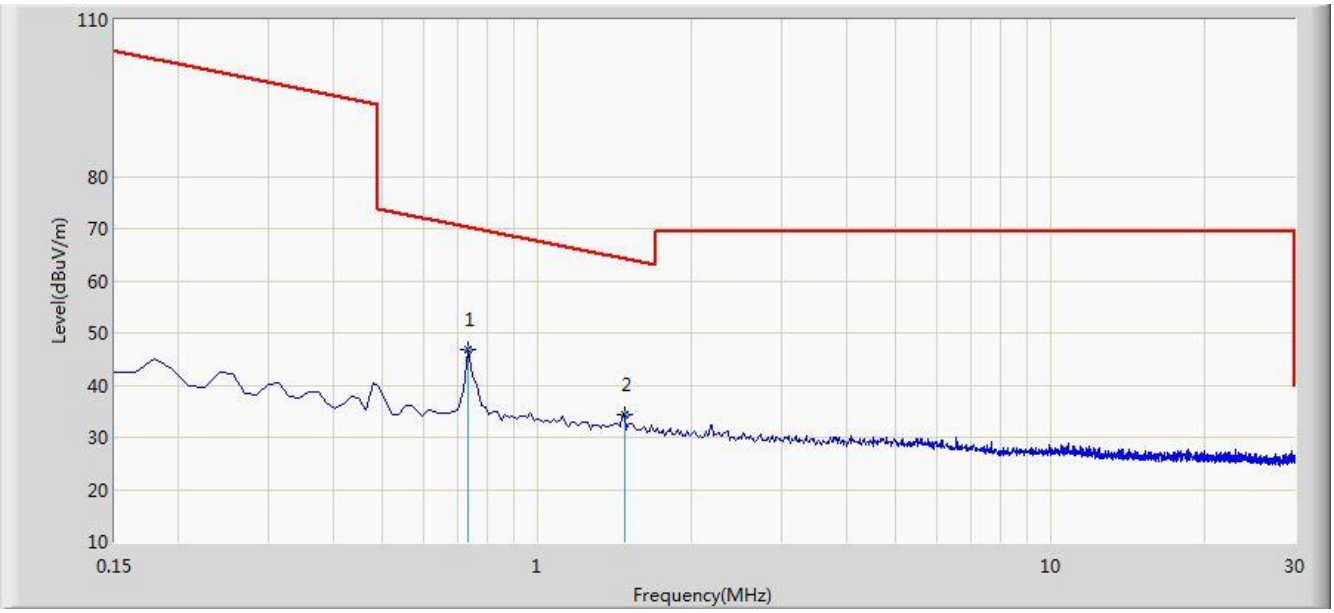


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	0.019	76.014	54.720	-46.000	122.013	21.294	AV
2			0.038	56.885	36.056	-59.111	115.996	20.829	AV
3			0.063	54.320	34.014	-57.288	111.607	20.306	AV
4			0.126	44.012	23.824	-61.578	105.590	20.188	AV

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

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

Site: AC1	Time: 2016/12/19 - 18:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

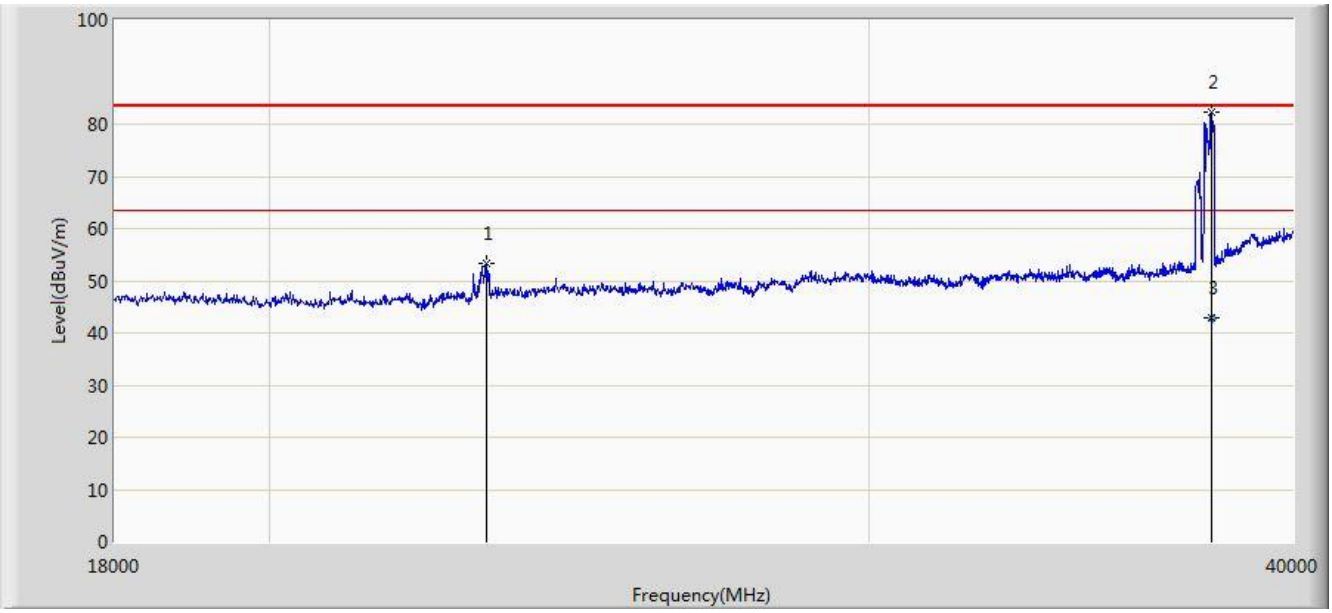


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	0.732	46.682	26.121	-23.641	70.324	20.561	QP
2			1.478	34.229	13.766	-30.008	64.237	20.463	QP

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

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

Site: AC1	Time: 2016/12/07 - 20:33
Limit: FCC_Part15.209_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

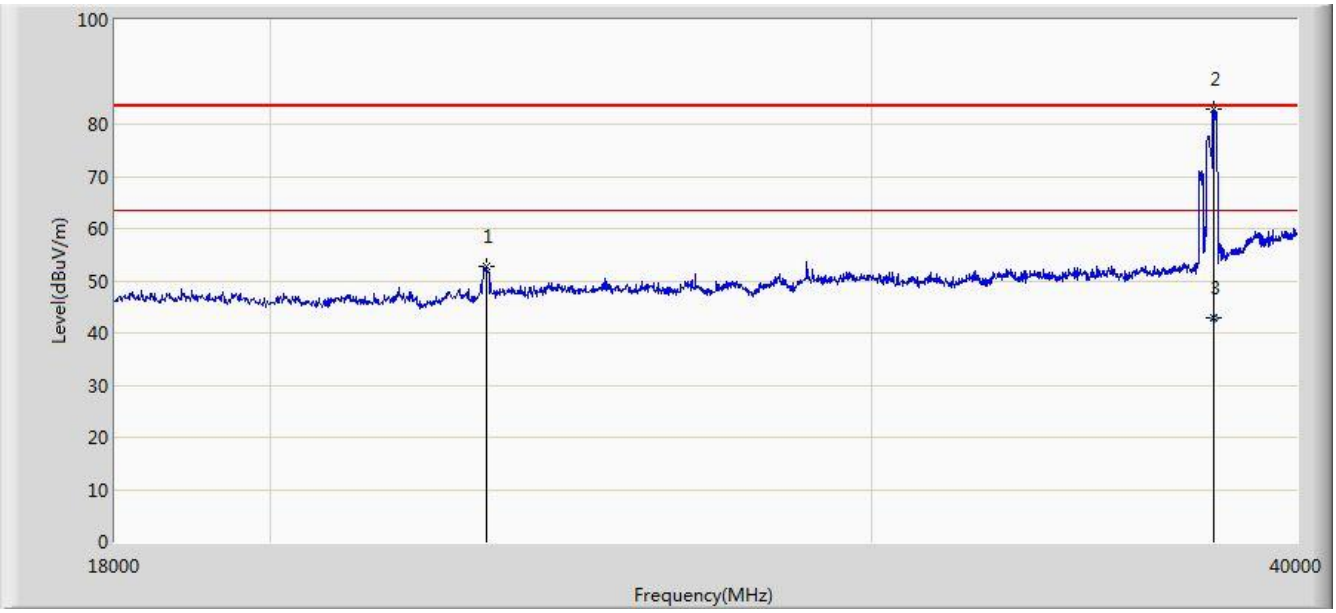


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			23170.000	53.352	44.124	-30.148	83.500	9.228	PK
2		*	37833.000	82.173	68.729	-1.327	83.500	13.444	PK
3			37855.393	42.829	29.384	-20.671	63.500	13.446	AV

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: 2016/12/07 - 20:36
Limit: FCC_Part15.209_RE(1m)	Engineer: Kevin Ke
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			23148.000	52.861	43.676	-30.639	83.500	9.185	PK
2		*	37811.000	82.603	69.193	-0.497	83.500	13.410	PK
3			37811.293	42.796	29.385	-20.704	63.500	13.411	AV

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

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

7.8. Radiated Restricted Band Edge Measurement

7.8.1. 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 D02v01r03 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.

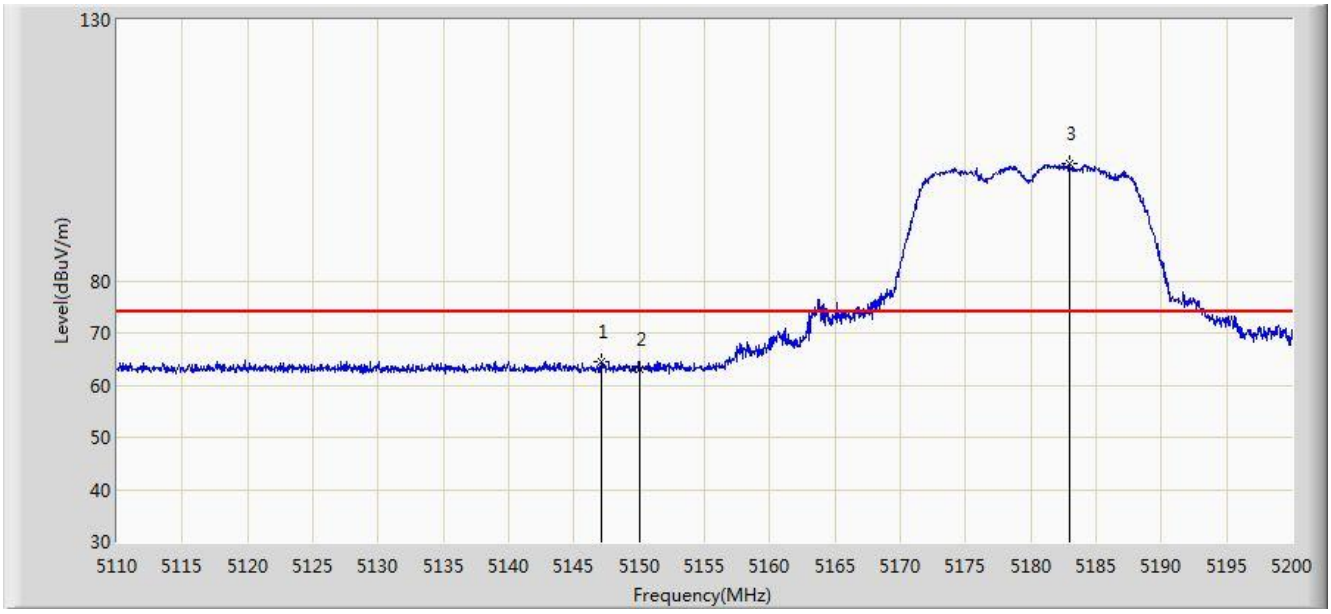
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

7.8.2. Test Result of Radiated Restricted Band Edge

CDD Mode

Site: AC1	Time: 2016/11/30 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

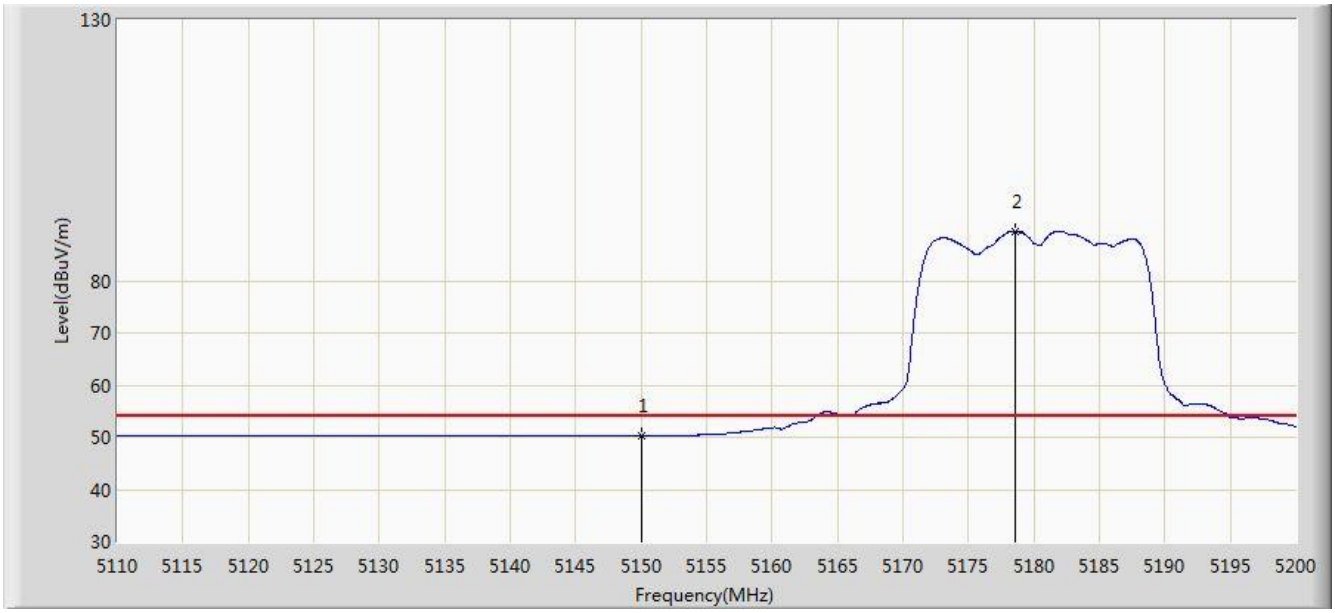


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.080	64.447	25.001	-9.553	74.000	39.446	PK
2			5150.000	63.130	23.689	-10.870	74.000	39.442	PK
3		*	5182.945	102.499	63.137	N/A	N/A	39.362	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

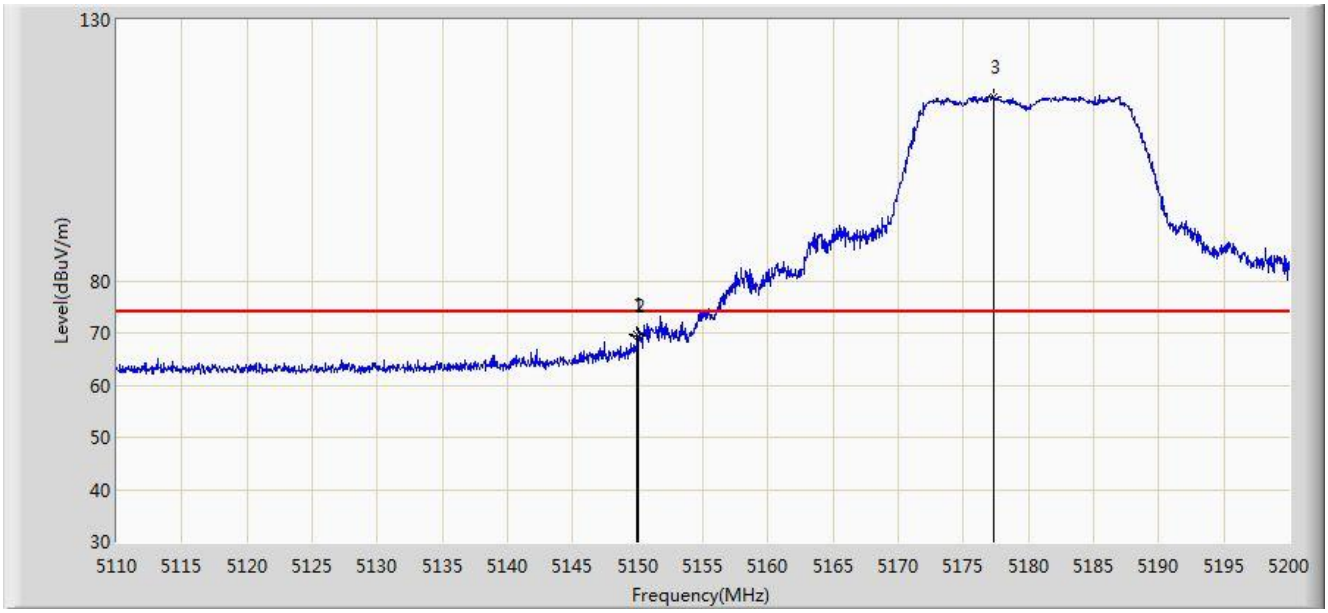


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.278	10.837	-3.722	54.000	39.442	AV
2		*	5178.535	89.503	50.130	N/A	N/A	39.373	AV

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

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

Site: AC1	Time: 2016/11/30 - 23:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

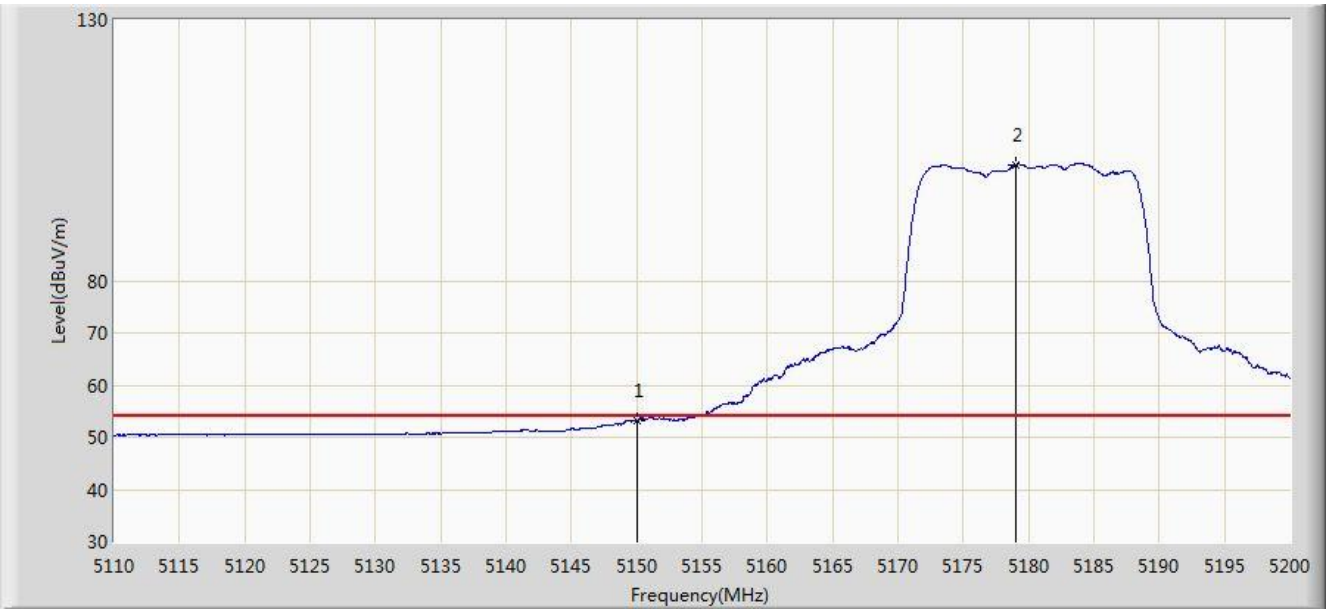


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	69.643	30.201	-4.357	74.000	39.442	PK
2			5150.000	69.408	29.967	-4.592	74.000	39.442	PK
3		*	5177.320	115.298	75.922	N/A	N/A	39.376	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0 + 1 + 2	

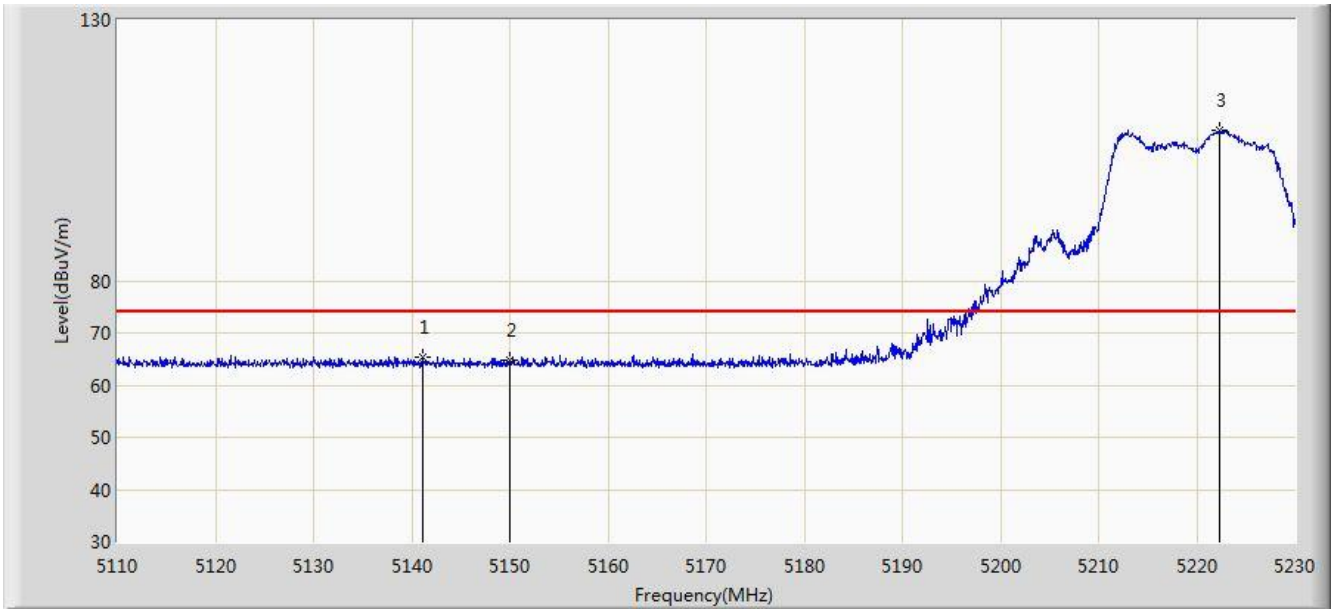


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.305	13.864	-0.695	54.000	39.442	AV
2		*	5178.985	102.207	62.835	N/A	N/A	39.372	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

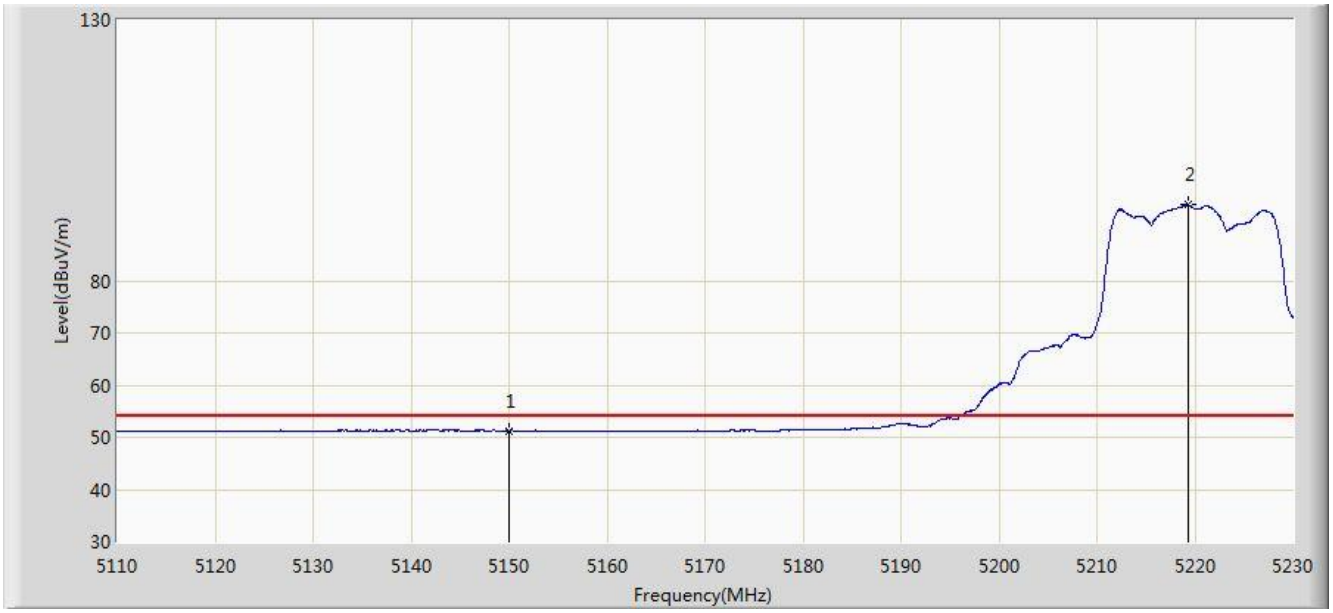


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.200	65.321	25.875	-8.679	74.000	39.445	PK
2			5150.000	64.677	25.236	-9.323	74.000	39.442	PK
3		*	5222.260	108.743	69.473	N/A	N/A	39.270	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

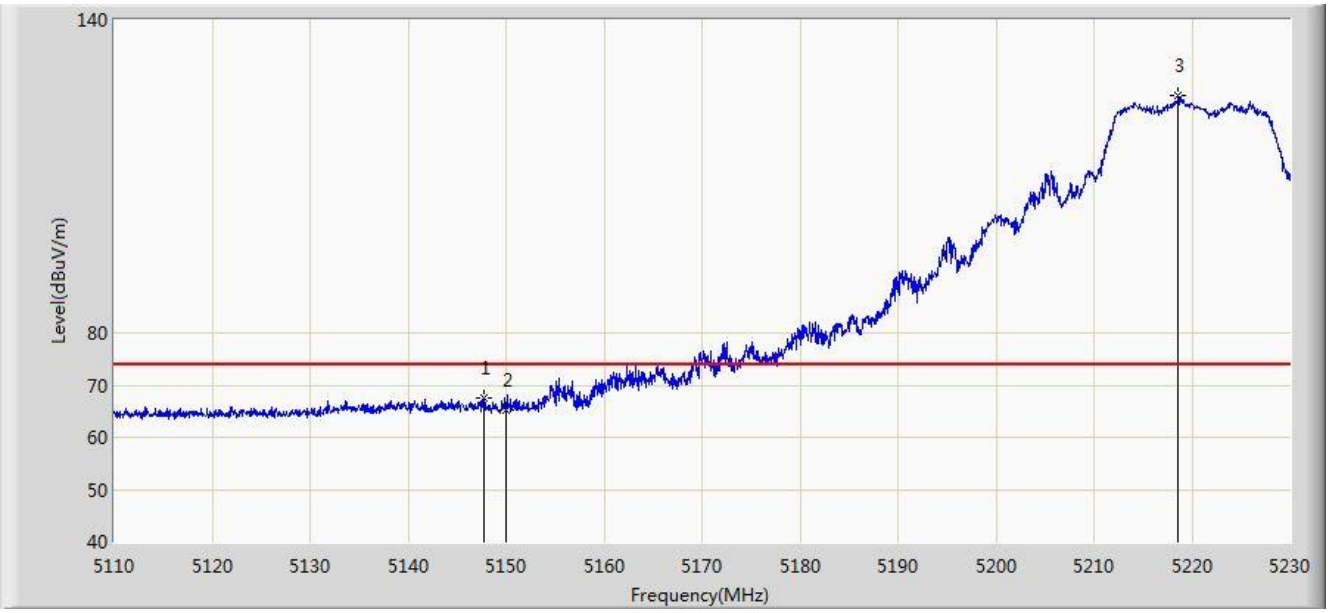


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.280	11.839	-2.720	54.000	39.442	AV
2		*	5219.320	94.555	55.279	N/A	N/A	39.276	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

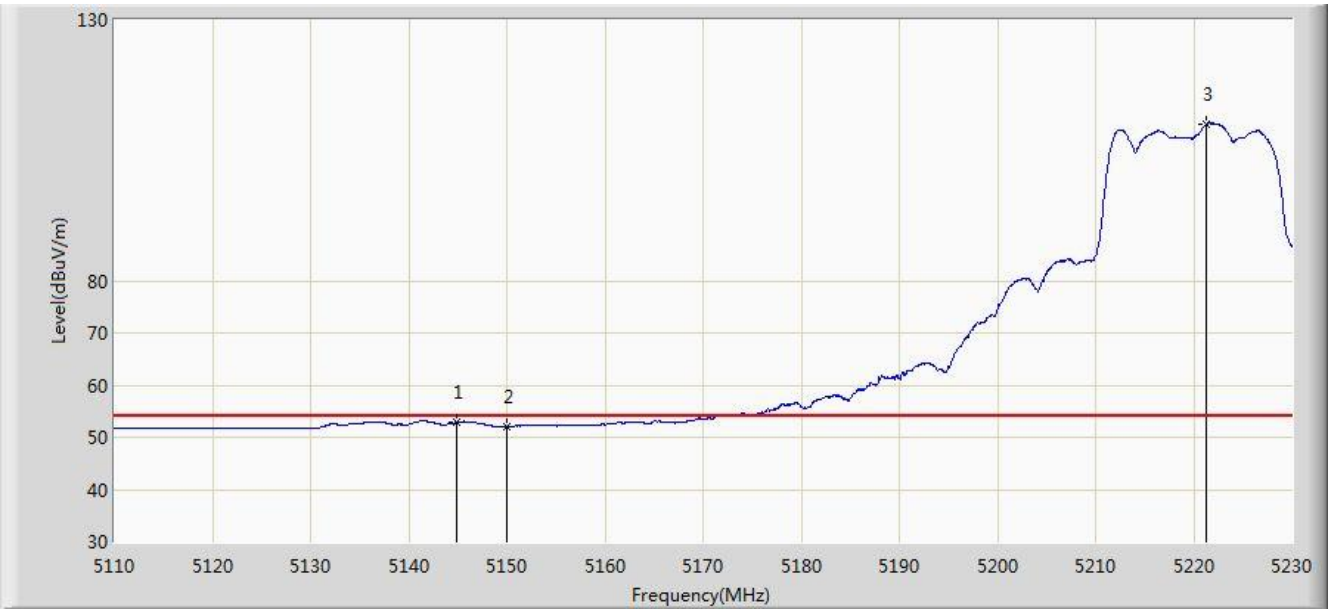


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.740	67.543	28.097	-6.457	74.000	39.446	PK
2			5150.000	65.252	25.811	-8.748	74.000	39.442	PK
3		*	5218.600	125.544	86.266	N/A	N/A	39.278	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

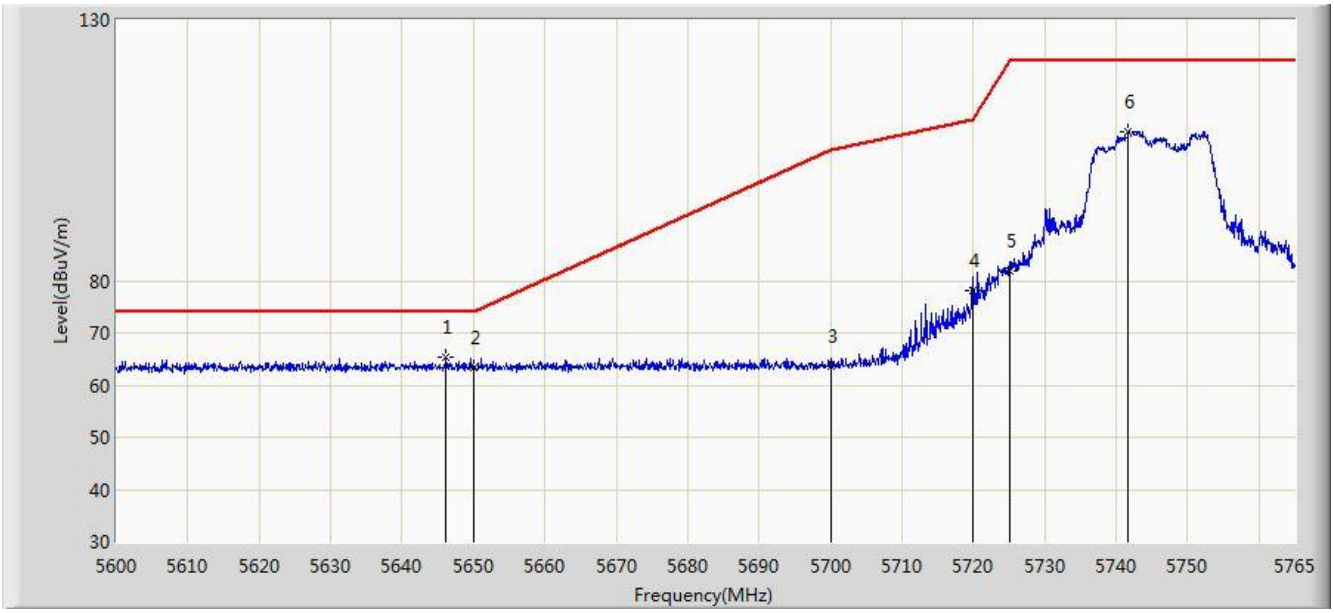


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.860	52.844	13.398	-1.156	54.000	39.445	AV
2			5150.000	52.048	12.607	-1.952	54.000	39.442	AV
3		*	5221.300	109.994	70.722	N/A	N/A	39.272	AV

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

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

Site: AC1	Time: 2016/11/30 - 23:30
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1 + 2	

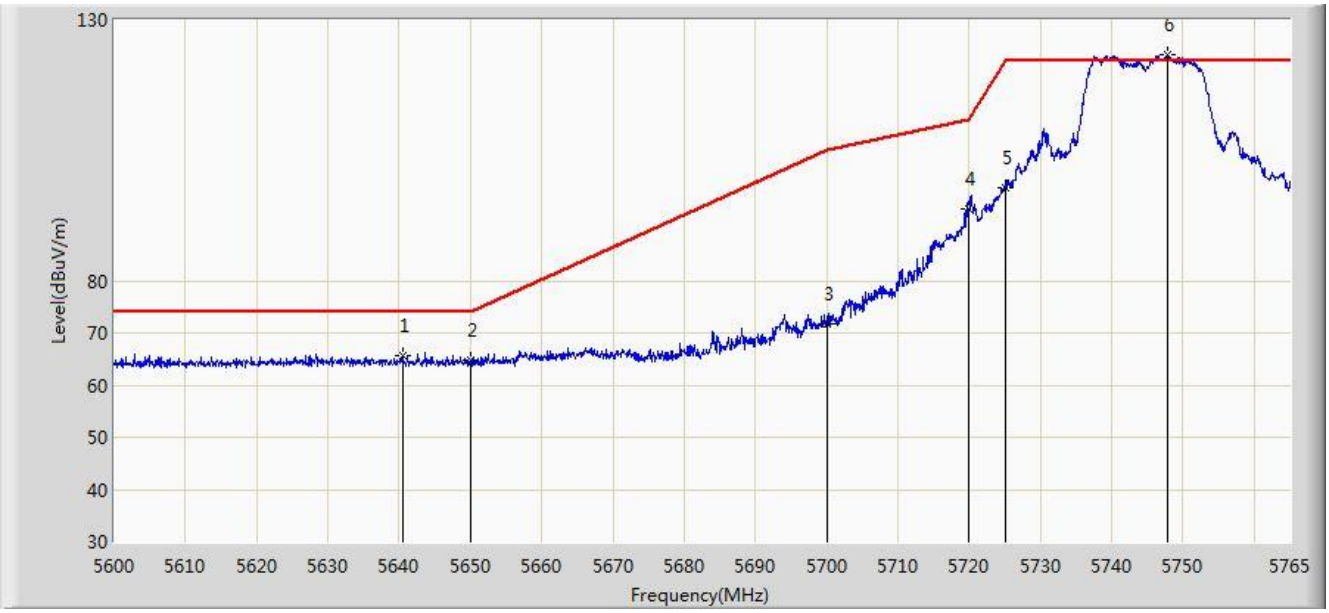


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5646.200	65.347	25.426	-8.653	74.000	39.921	PK
2			5650.000	63.414	23.485	-10.586	74.000	39.929	PK
3			5700.000	63.615	23.558	-41.585	105.200	40.057	PK
4			5720.000	78.108	37.967	-32.692	110.800	40.141	PK
5			5725.000	81.771	41.607	-40.429	122.200	40.164	PK
6			5741.735	108.595	68.354	N/A	N/A	40.241	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:31
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1 + 2	

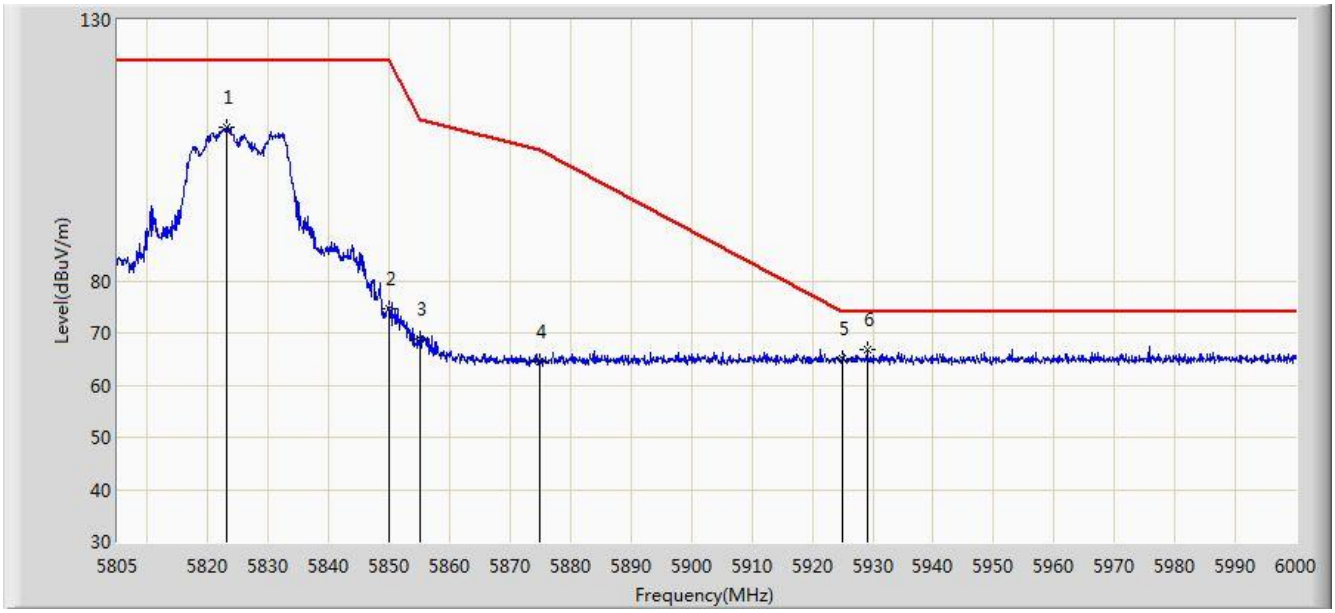


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.425	65.694	25.785	-8.306	74.000	39.908	PK
2			5650.000	64.745	24.816	-9.255	74.000	39.929	PK
3			5700.000	71.721	31.664	-33.479	105.200	40.057	PK
4			5720.000	93.883	53.742	-16.917	110.800	40.141	PK
5			5725.000	97.694	57.530	-24.506	122.200	40.164	PK
6		*	5747.757	123.407	83.141	N/A	N/A	40.266	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:33
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0 + 1 + 2	

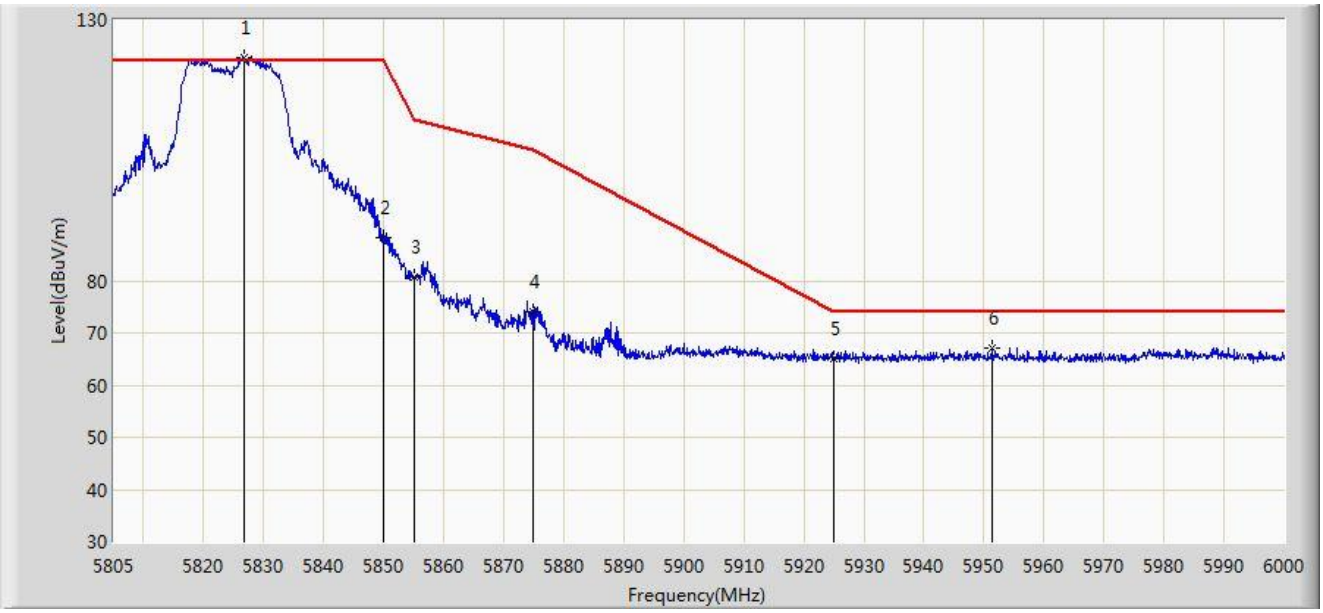


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5823.135	109.454	68.894	N/A	N/A	40.560	PK
2			5850.000	74.667	34.001	-47.533	122.200	40.666	PK
3			5855.000	68.763	28.085	-42.037	110.800	40.678	PK
4			5875.000	64.417	23.697	-40.783	105.200	40.720	PK
5			5925.000	65.115	24.323	-8.885	74.000	40.792	PK
6		*	5929.020	66.947	26.151	-7.053	74.000	40.796	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:35
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0 + 1 + 2	

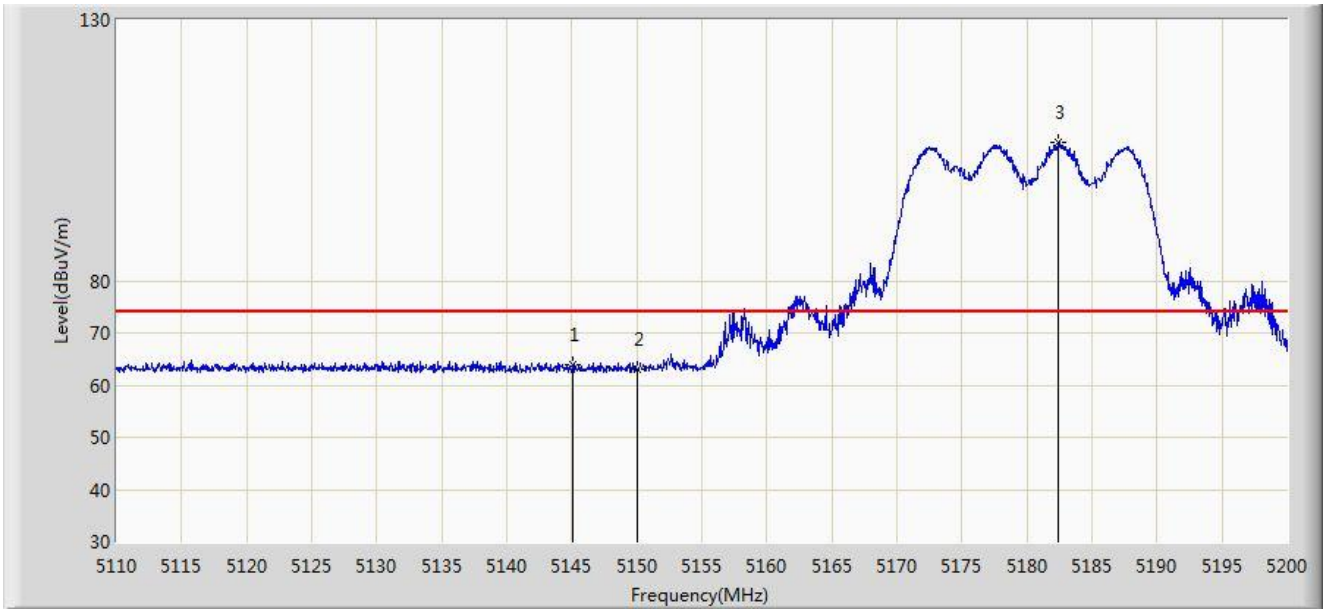


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.743	122.827	82.252	N/A	N/A	40.576	PK
2			5850.000	88.331	47.665	-33.869	122.200	40.666	PK
3			5855.000	80.684	40.006	-30.116	110.800	40.678	PK
4			5875.000	74.154	33.434	-31.046	105.200	40.720	PK
5			5925.000	64.986	24.194	-9.014	74.000	40.792	PK
6			5951.250	67.072	26.255	-6.928	74.000	40.817	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1 + 2	

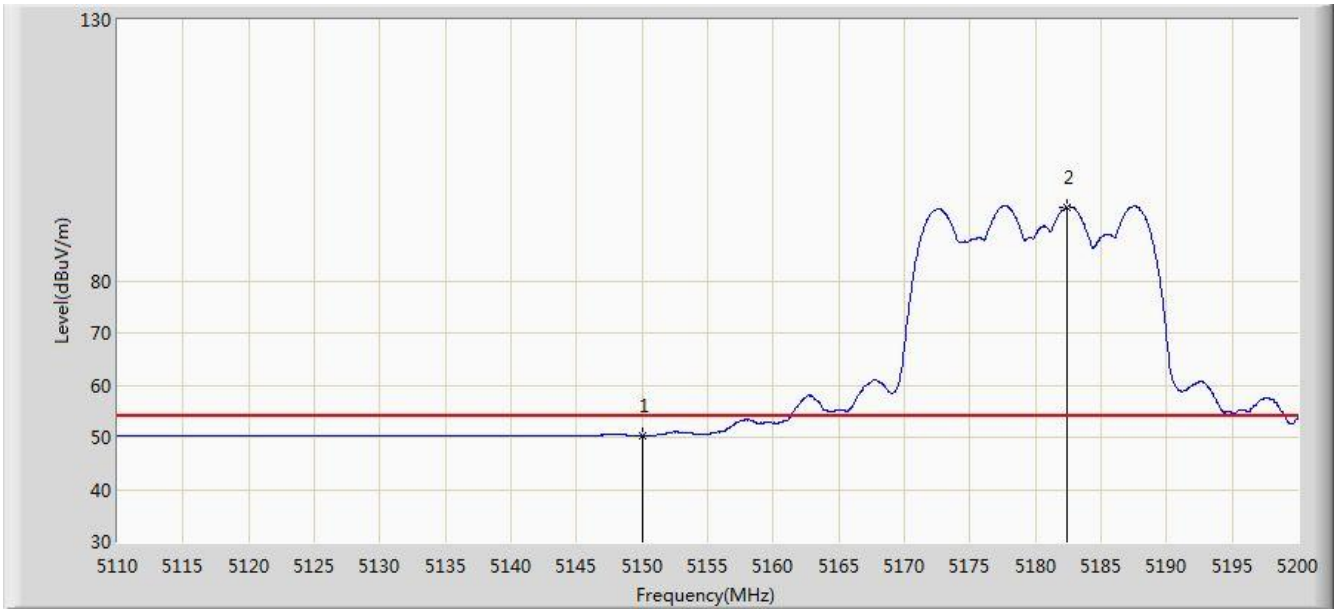


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.100	64.010	24.564	-9.990	74.000	39.446	PK
2			5150.000	63.058	23.617	-10.942	74.000	39.442	PK
3		*	5182.405	106.524	67.161	N/A	N/A	39.364	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1 + 2	

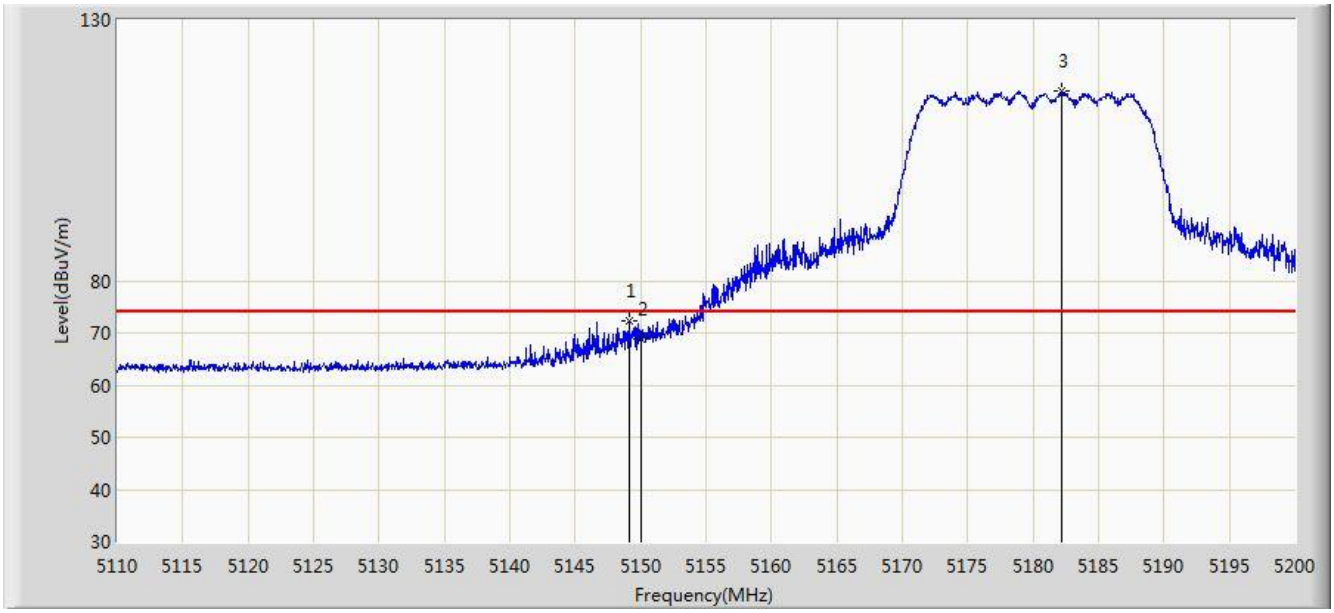


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.332	10.891	-3.668	54.000	39.442	AV
2		*	5182.405	94.153	54.790	N/A	N/A	39.364	AV

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

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

Site: AC1	Time: 2016/11/30 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1 + 2	

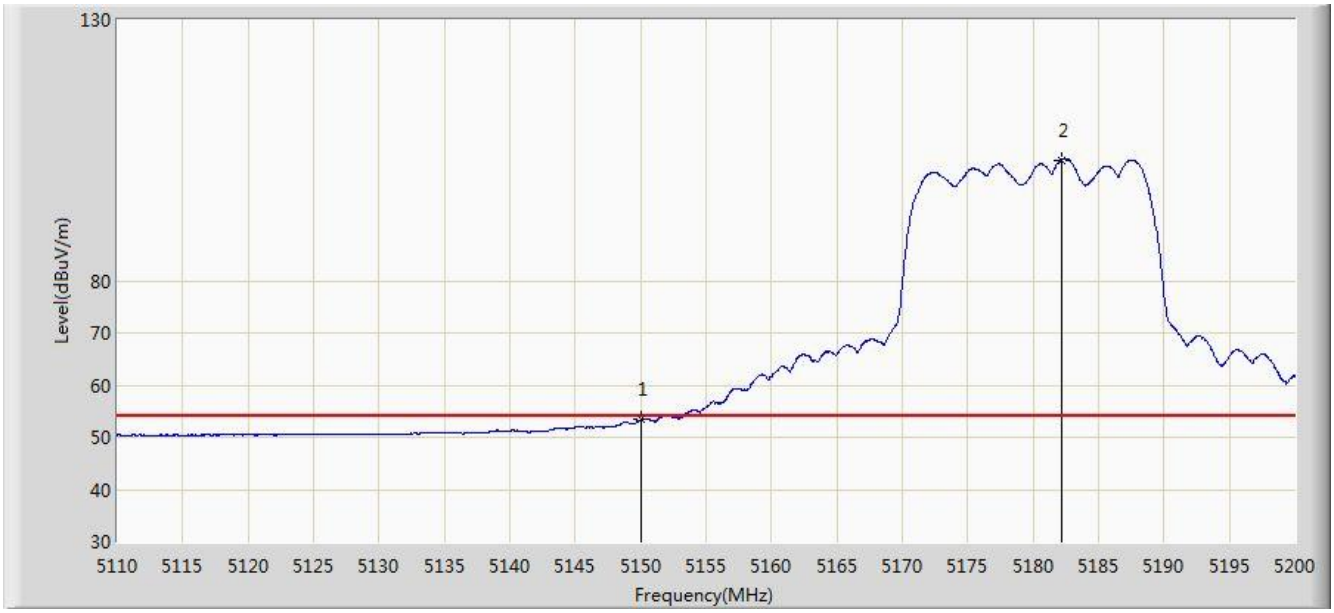


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.150	72.348	32.905	-1.652	74.000	39.443	PK
2			5150.000	68.768	29.327	-5.232	74.000	39.442	PK
3		*	5182.225	116.250	76.886	N/A	N/A	39.363	PK

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

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

Site: AC1	Time: 2016/11/30 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1 + 2	

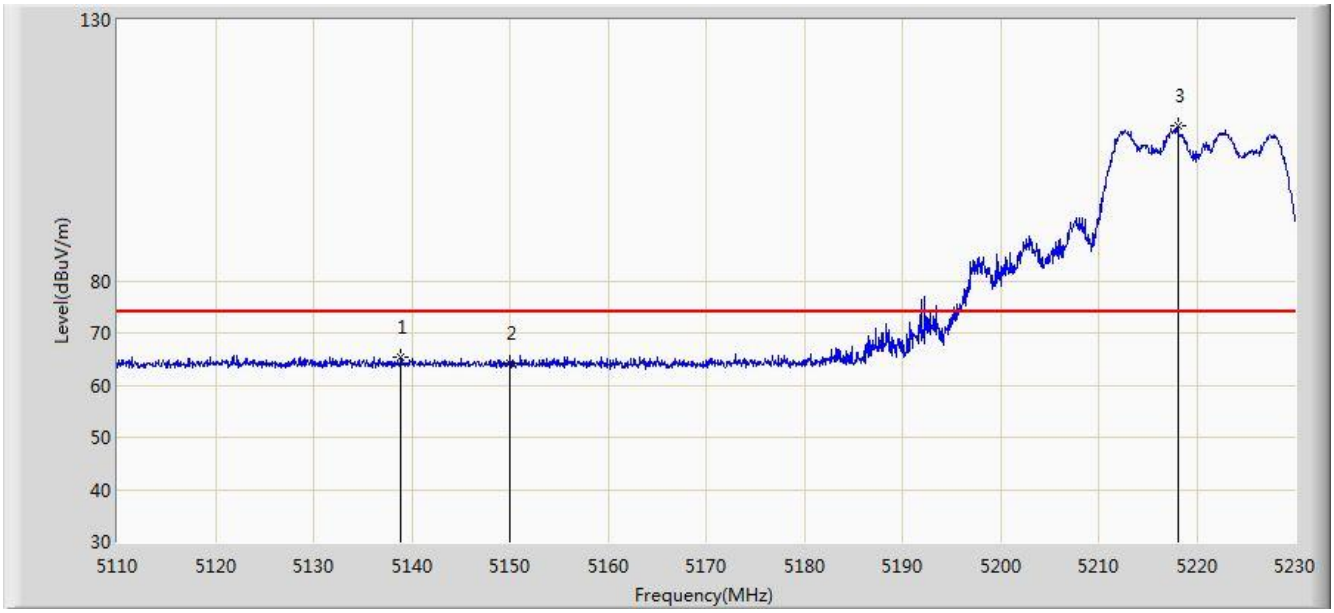


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.404	13.963	-0.596	54.000	39.442	AV
2		*	5182.135	103.180	63.816	N/A	N/A	39.364	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5220MHz Ant 0 + 1 + 2	

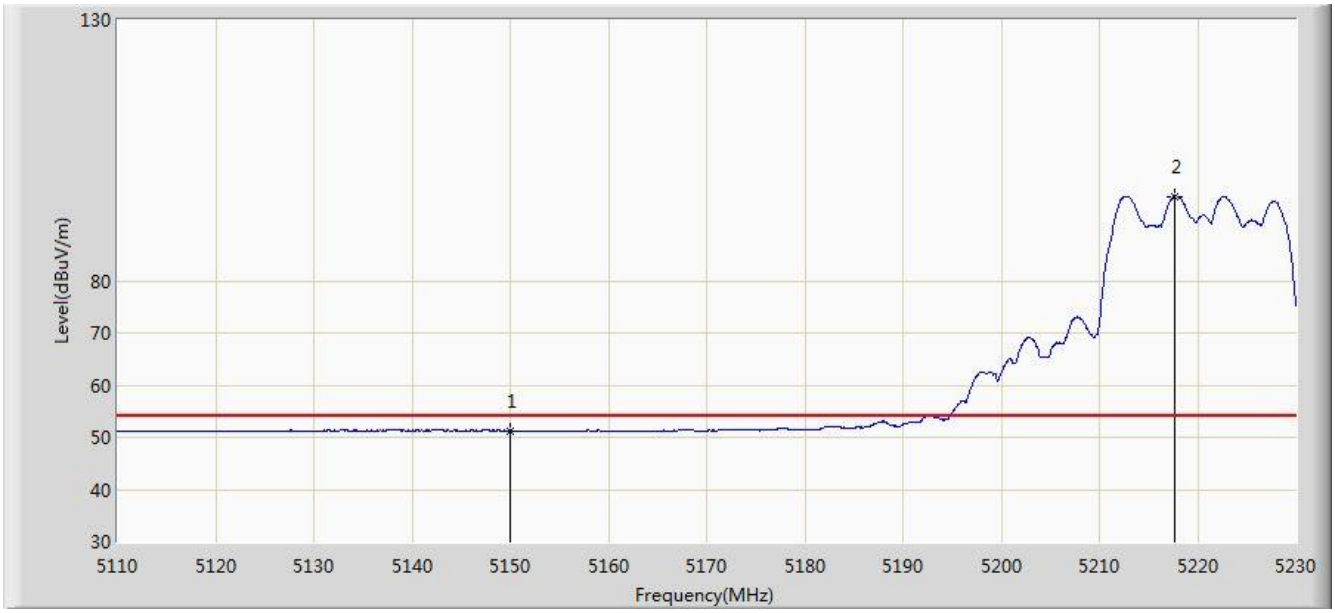


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.920	65.329	25.884	-8.671	74.000	39.445	PK
2			5150.000	64.305	24.864	-9.695	74.000	39.442	PK
3		*	5218.060	109.703	70.424	N/A	N/A	39.279	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5220MHz Ant 0 + 1 + 2	

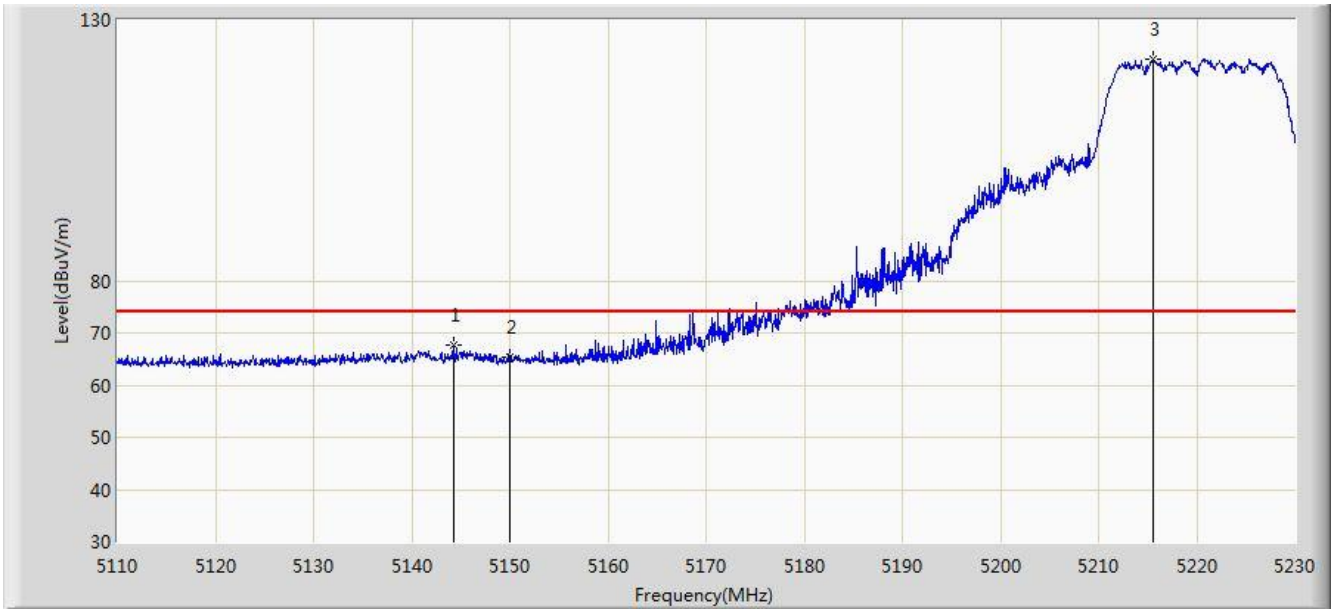


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.302	11.861	-2.698	54.000	39.442	AV
2		*	5217.640	96.211	56.931	N/A	N/A	39.280	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5220MHz Ant 0 + 1 + 2	

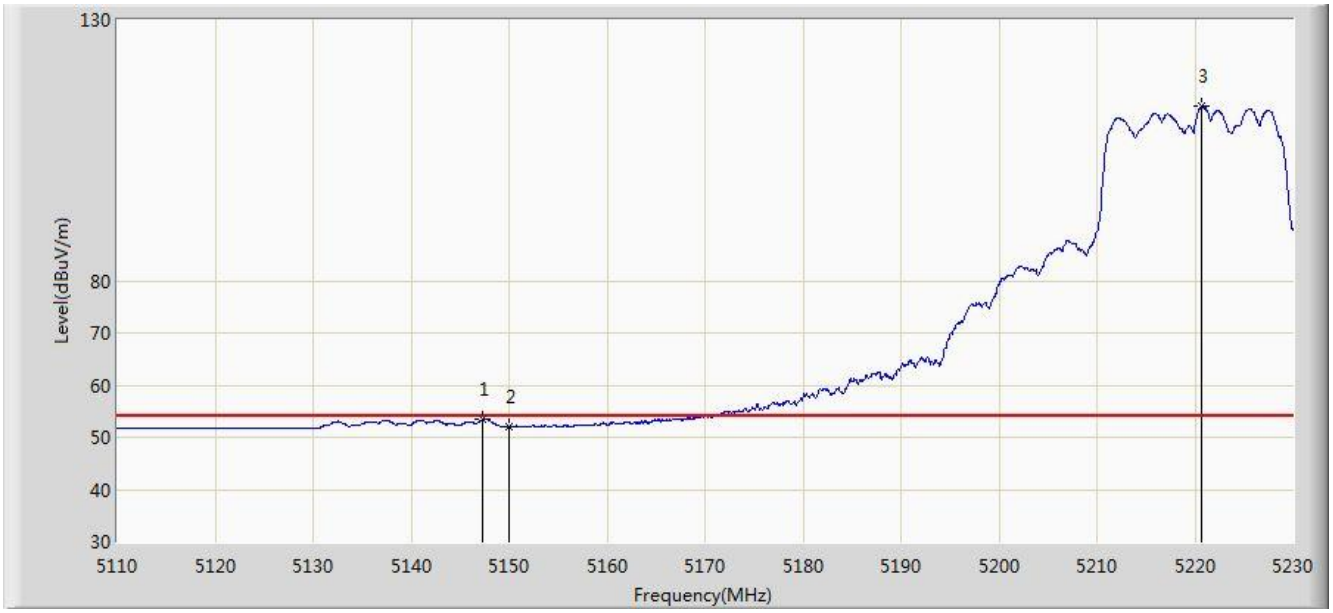


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.320	67.641	28.195	-6.359	74.000	39.446	PK
2			5150.000	65.271	25.830	-8.729	74.000	39.442	PK
3		*	5215.600	122.580	83.295	N/A	N/A	39.284	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5220MHz Ant 0 + 1 + 2	

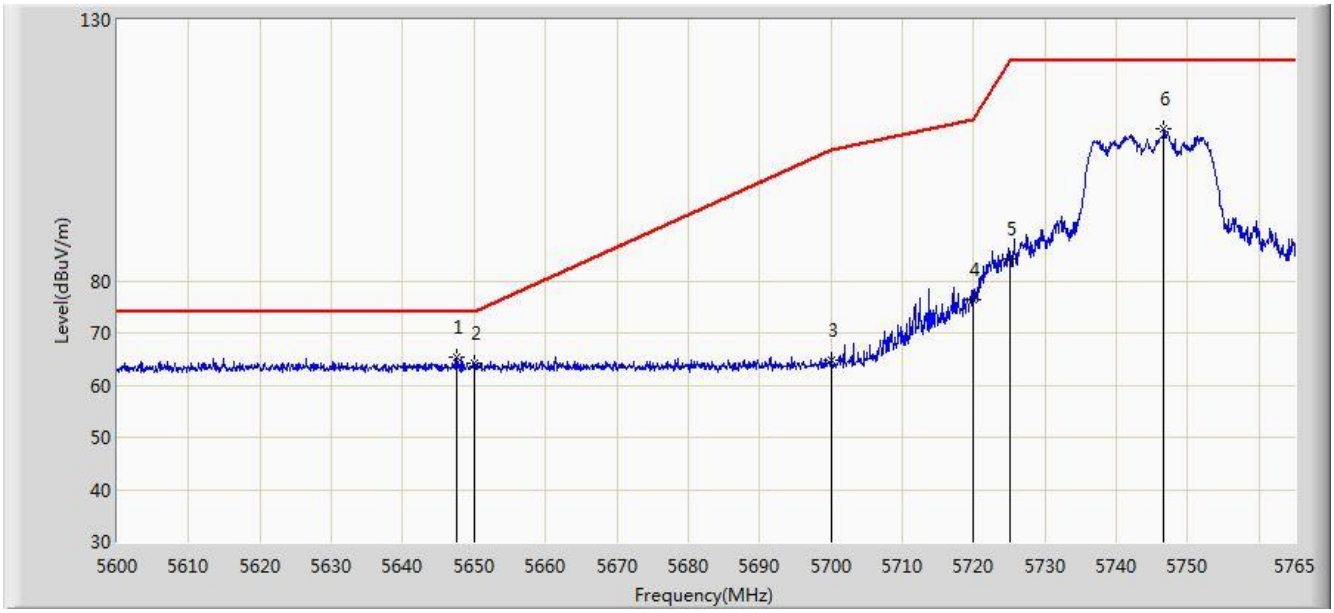


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.260	53.341	13.895	-0.659	54.000	39.446	AV
2			5150.000	52.065	12.624	-1.935	54.000	39.442	AV
3		*	5220.700	113.386	74.113	N/A	N/A	39.274	AV

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

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

Site: AC1	Time: 2016/11/30 - 23:59
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0 + 1 + 2	

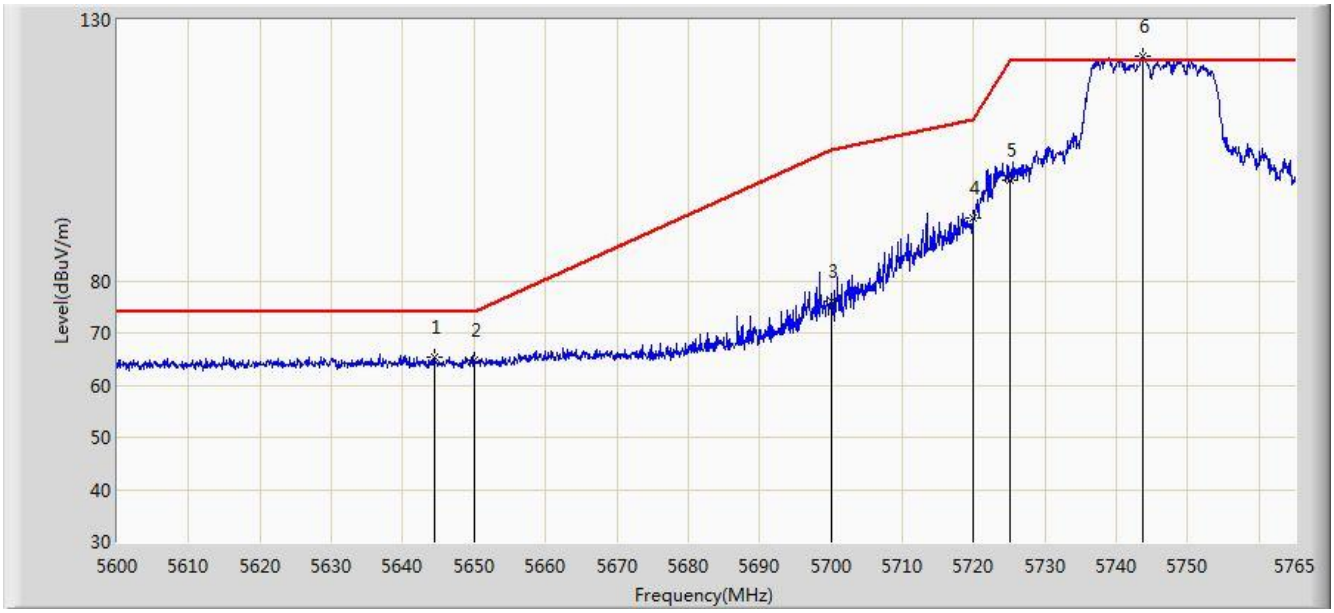


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.603	65.275	25.351	-8.725	74.000	39.924	PK
2			5650.000	64.095	24.166	-9.905	74.000	39.929	PK
3			5700.000	64.756	24.699	-40.444	105.200	40.057	PK
4			5720.000	76.319	36.178	-34.481	110.800	40.141	PK
5			5725.000	84.201	44.037	-37.999	122.200	40.164	PK
6			5746.685	109.258	68.996	N/A	N/A	40.262	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:03
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0 + 1 + 2	

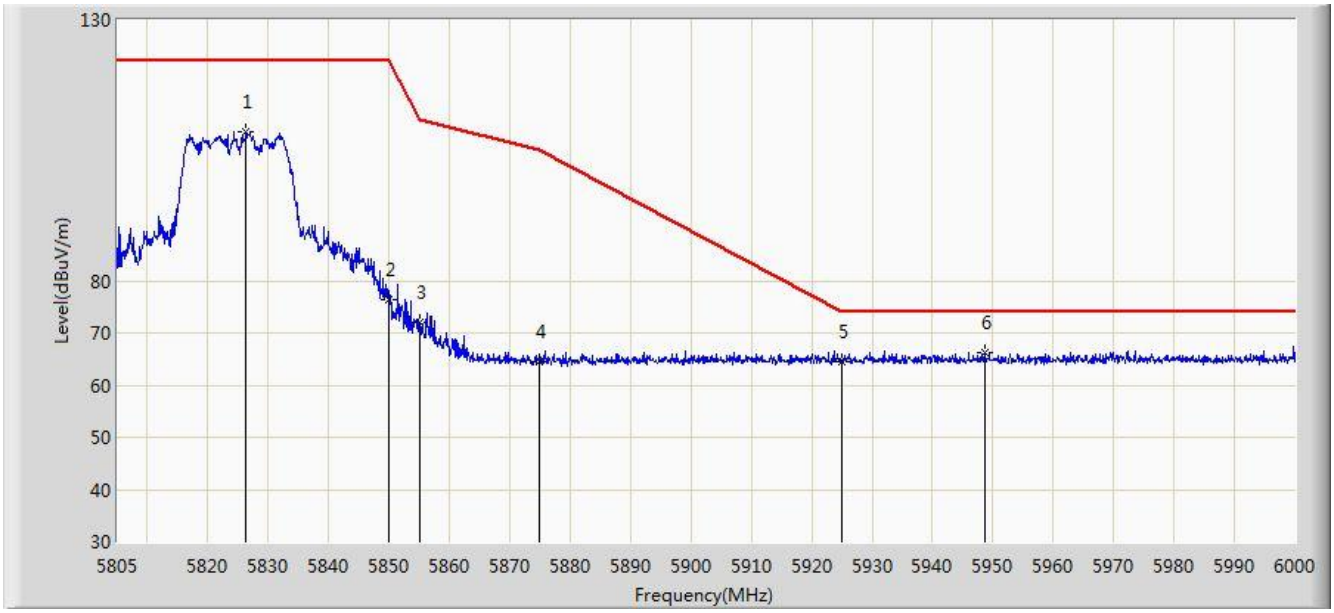


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.385	65.296	25.379	-8.704	74.000	39.917	PK
2			5650.000	64.773	24.844	-9.227	74.000	39.929	PK
3			5700.000	76.167	36.110	-29.033	105.200	40.057	PK
4			5720.000	91.955	51.814	-18.845	110.800	40.141	PK
5			5725.000	99.334	59.170	-22.866	122.200	40.164	PK
6		*	5743.632	123.132	82.883	N/A	N/A	40.249	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:04
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0 + 1 + 2	

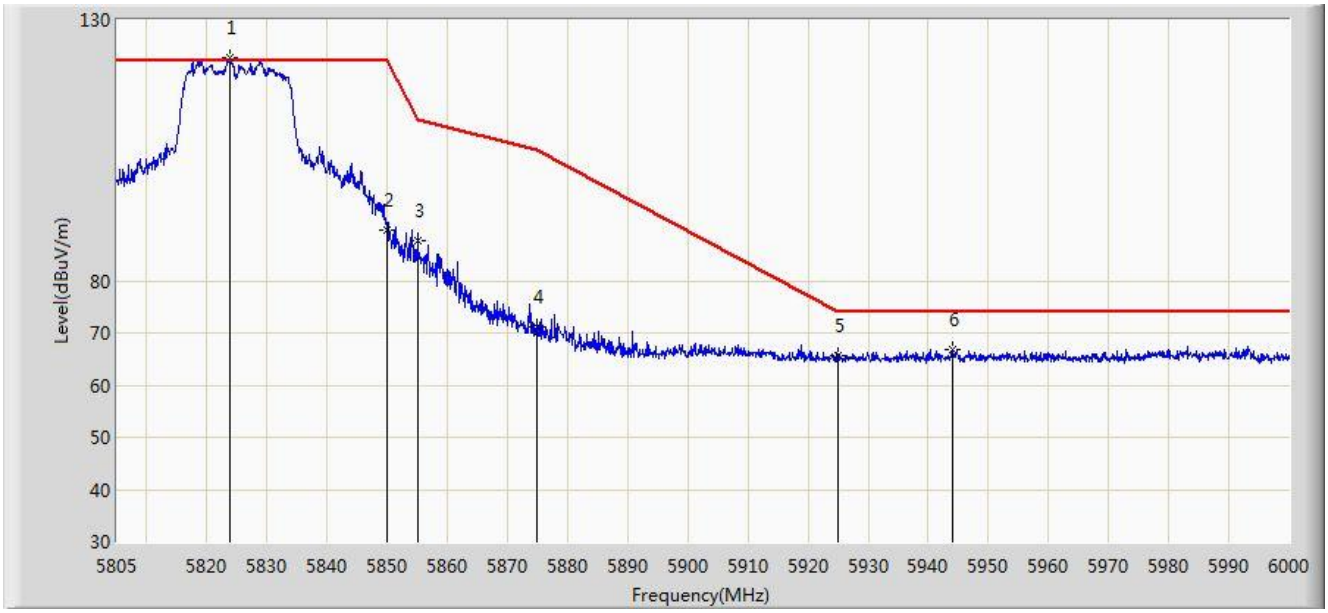


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.353	108.626	68.052	N/A	N/A	40.573	PK
2			5850.000	76.263	35.597	-45.937	122.200	40.666	PK
3			5855.000	71.961	31.283	-38.839	110.800	40.678	PK
4			5875.000	64.447	23.727	-40.753	105.200	40.720	PK
5			5925.000	64.433	23.641	-9.567	74.000	40.792	PK
6		*	5948.618	66.345	25.529	-7.655	74.000	40.816	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:06
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0 + 1 + 2	

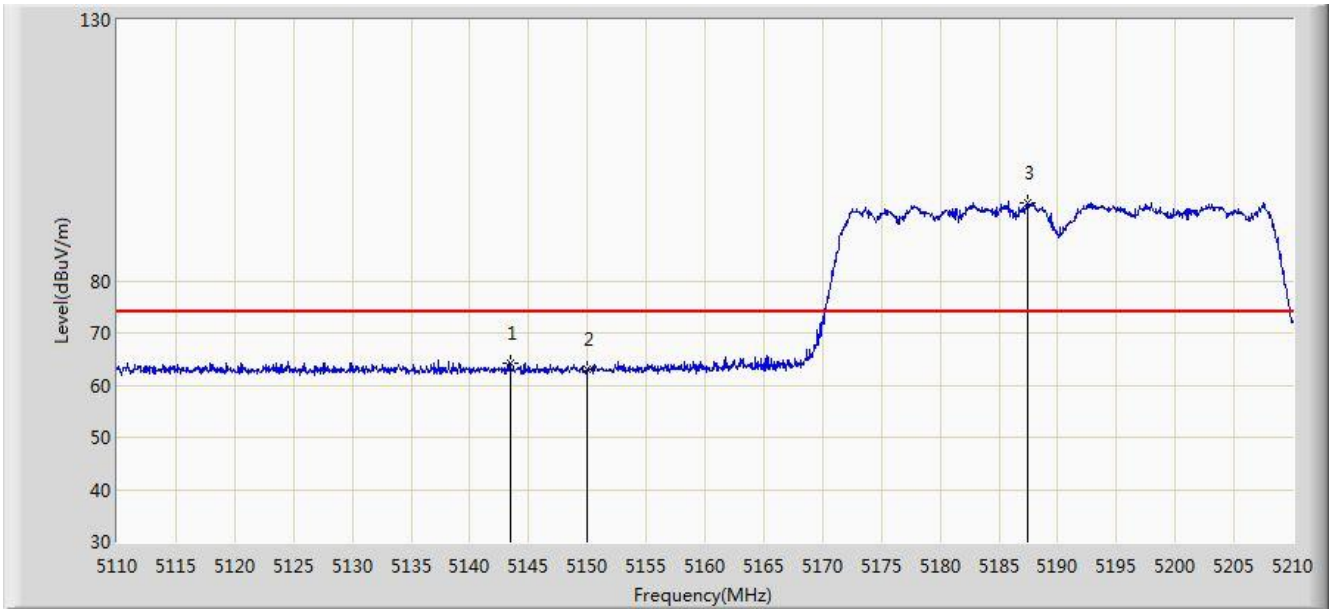


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.720	122.731	82.169	N/A	N/A	40.562	PK
2			5850.000	89.670	49.004	-32.530	122.200	40.666	PK
3			5855.000	87.591	46.913	-23.209	110.800	40.678	PK
4			5875.000	71.271	30.551	-33.929	105.200	40.720	PK
5			5925.000	65.664	24.872	-8.336	74.000	40.792	PK
6			5944.132	66.863	26.051	-7.137	74.000	40.811	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1 + 2	

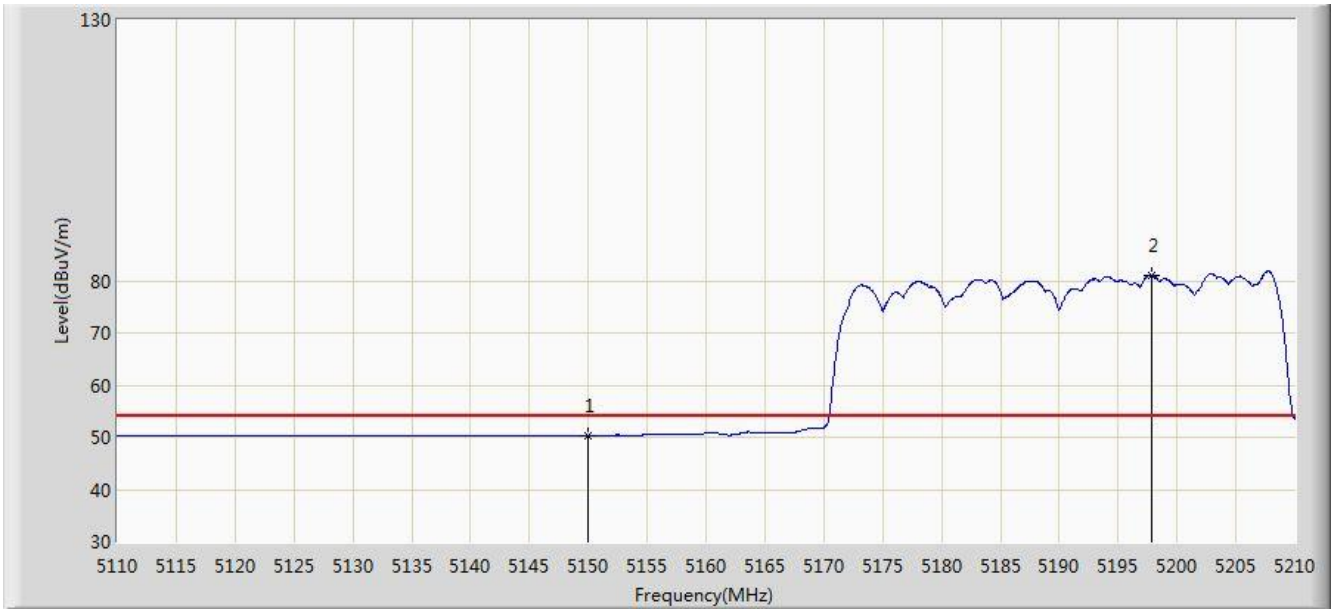


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.450	64.223	24.777	-9.777	74.000	39.445	PK
2			5150.000	63.084	23.643	-10.916	74.000	39.442	PK
3		*	5187.400	94.913	55.563	N/A	N/A	39.351	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1 + 2	

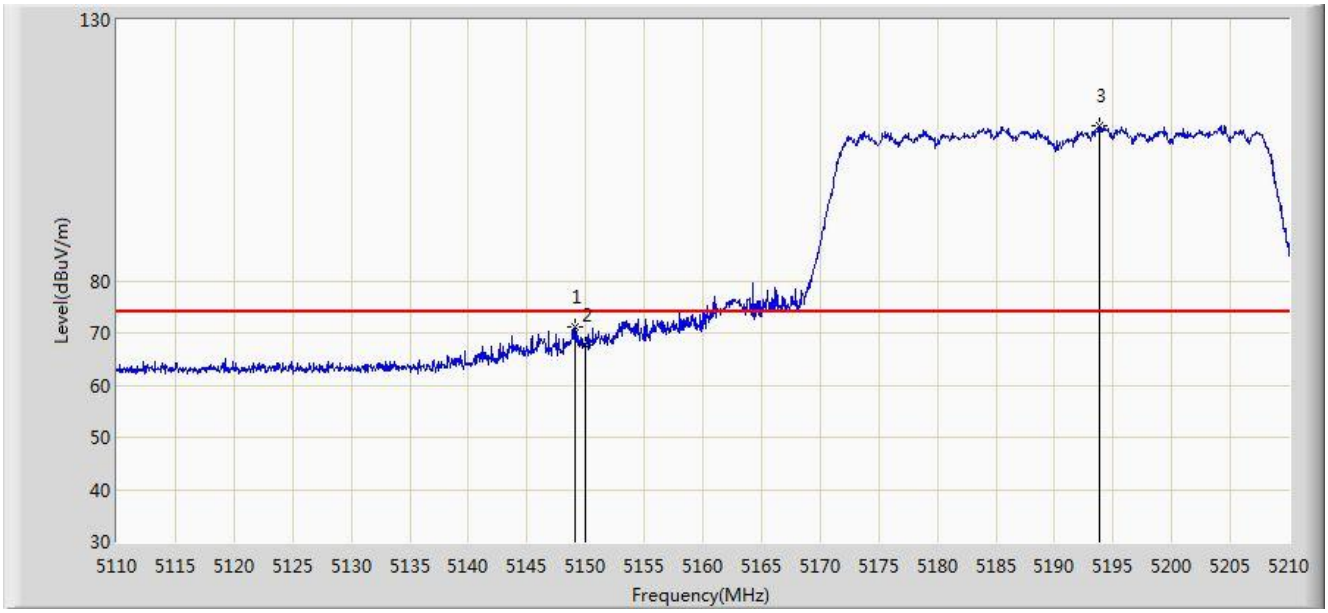


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.377	10.936	-3.623	54.000	39.442	AV
2		*	5197.800	81.132	41.808	N/A	N/A	39.323	AV

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

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

Site: AC1	Time: 2016/12/01 - 00:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1 + 2	

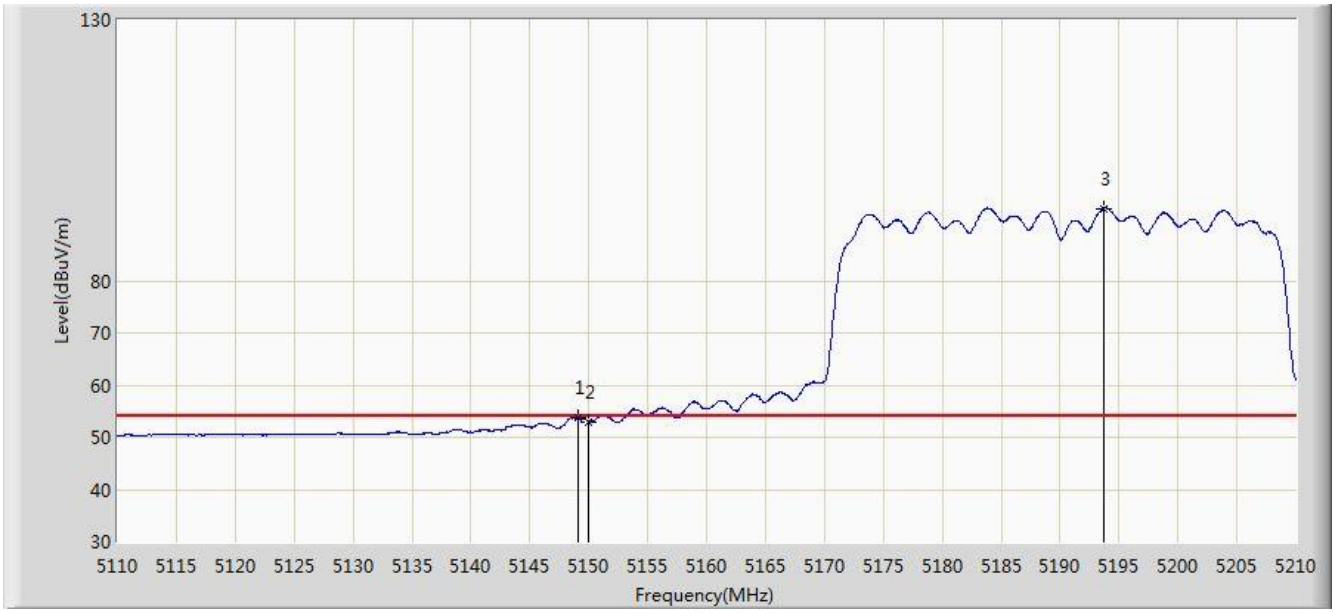


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.100	71.023	31.580	-2.977	74.000	39.444	PK
2			5150.000	67.729	28.288	-6.271	74.000	39.442	PK
3		*	5193.850	109.818	70.484	N/A	N/A	39.334	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0 + 1 + 2	

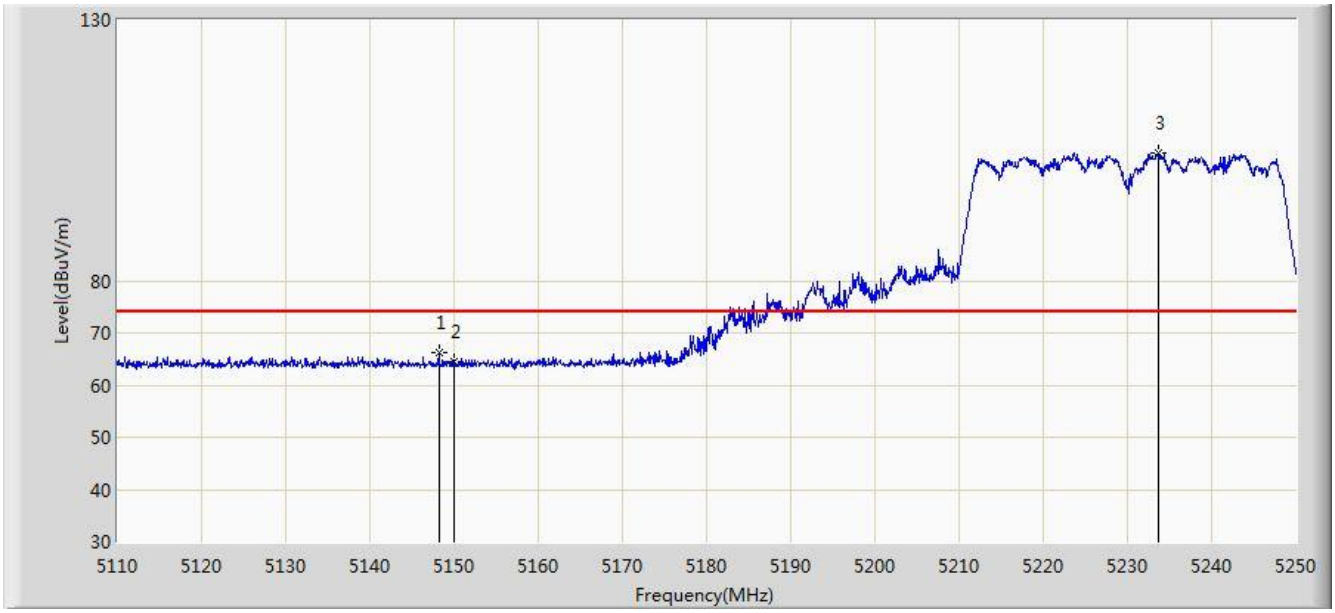


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.150	53.787	14.344	-0.213	54.000	39.443	AV
2			5150.000	53.040	13.599	-0.960	54.000	39.442	AV
3		*	5193.650	93.883	54.549	N/A	N/A	39.334	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 0 + 1 + 2	

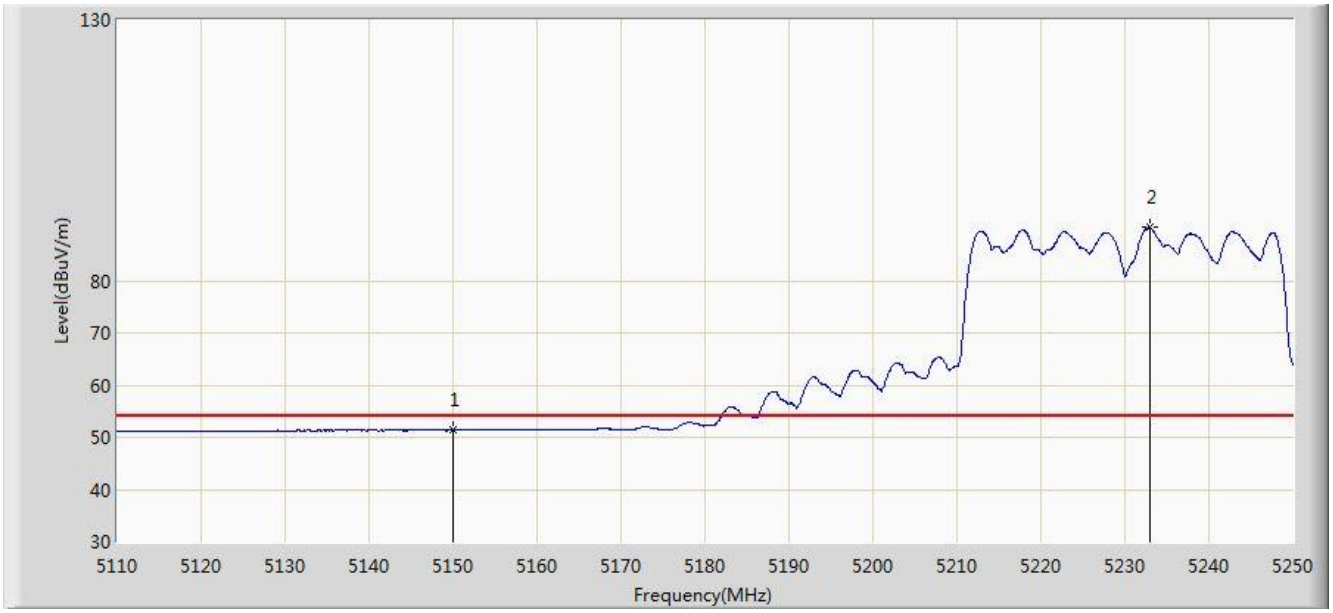


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.220	66.130	26.685	-7.870	74.000	39.445	PK
2			5150.000	64.458	25.017	-9.542	74.000	39.442	PK
3		*	5233.620	104.463	65.218	N/A	N/A	39.245	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 0 + 1 + 2	

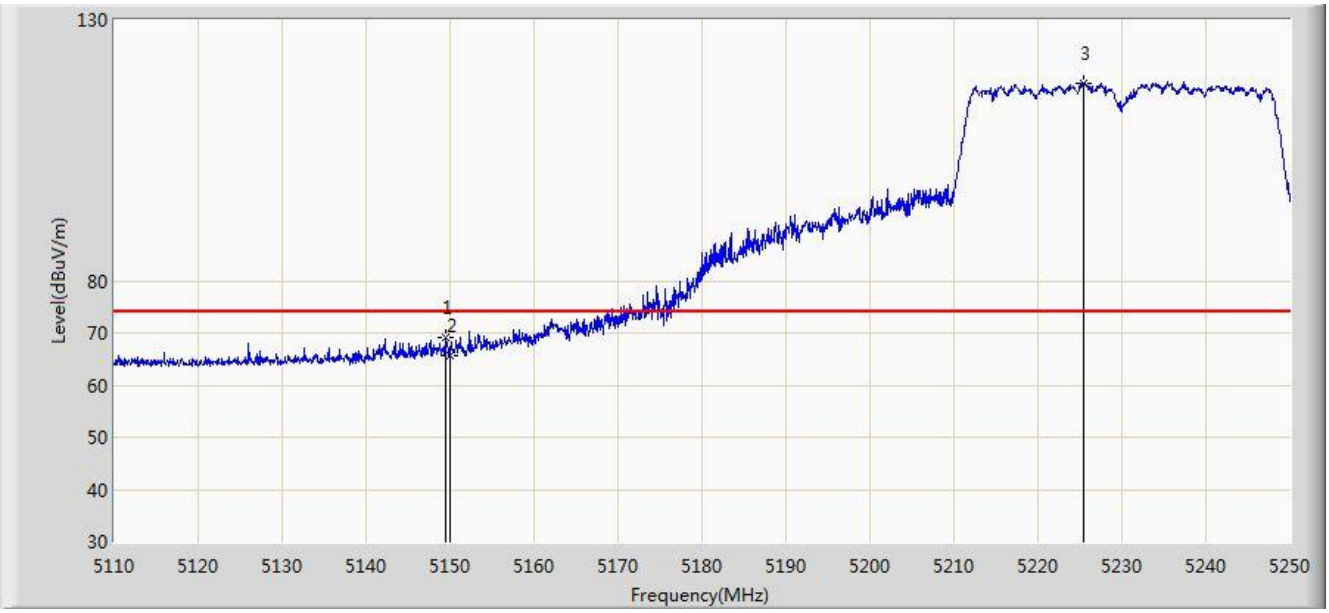


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.315	11.874	-2.685	54.000	39.442	AV
2		*	5232.920	90.160	50.913	N/A	N/A	39.247	AV

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

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

Site: AC1	Time: 2016/12/01 - 17:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 0 + 1 + 2	

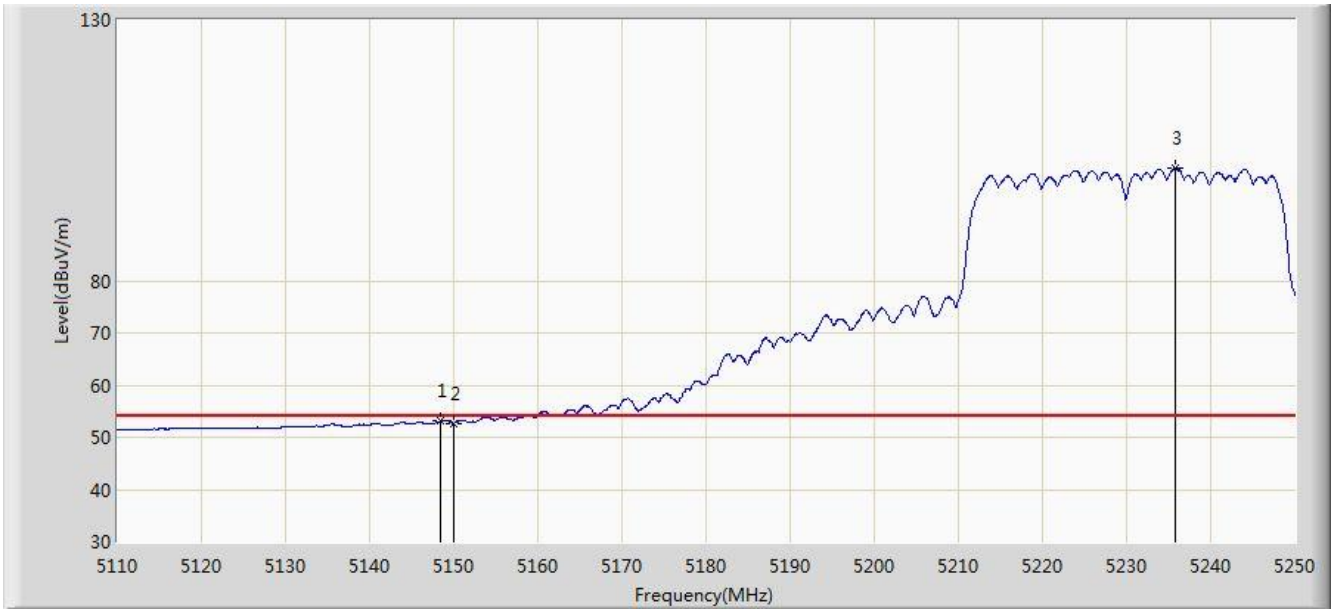


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.480	69.043	29.600	-4.957	74.000	39.442	PK
2			5150.000	65.634	26.193	-8.366	74.000	39.442	PK
3		*	5225.430	117.930	78.667	N/A	N/A	39.264	PK

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

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

Site: AC1	Time: 2016/12/01 - 17:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 0 + 1 + 2	

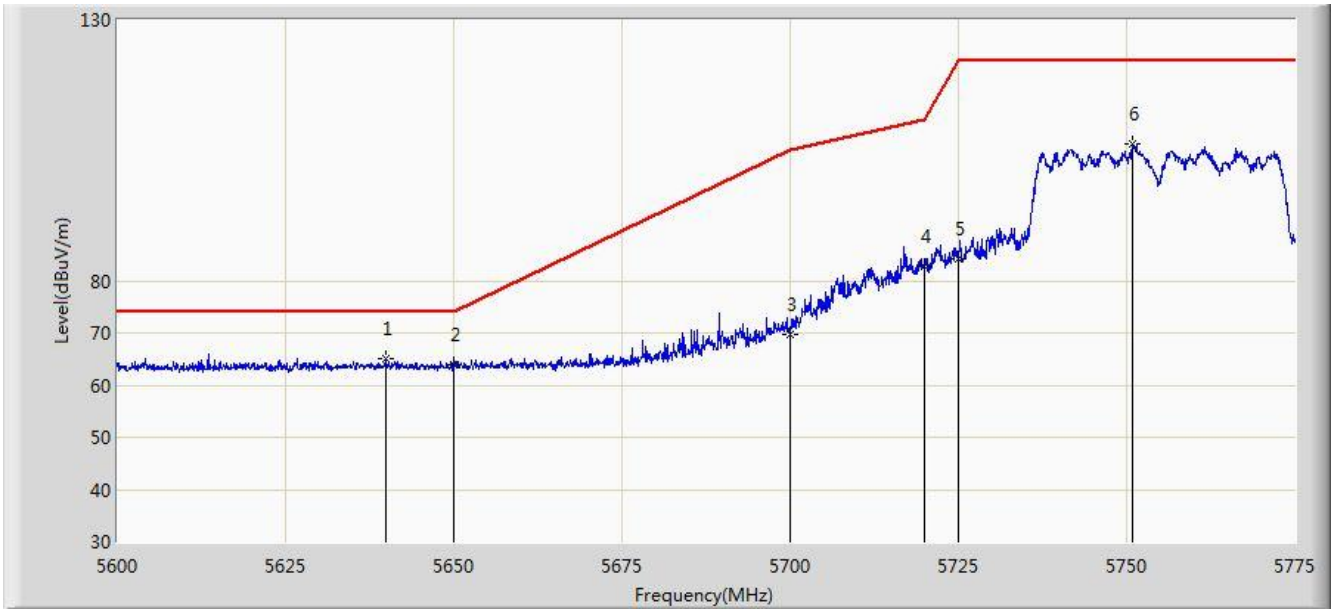


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.500	53.138	13.693	-0.862	54.000	39.444	AV
2			5150.000	52.647	13.206	-1.353	54.000	39.442	AV
3		*	5235.790	101.623	62.382	N/A	N/A	39.241	AV

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

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

Site: AC1	Time: 2016/12/01 - 00:24
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0 + 1 + 2	

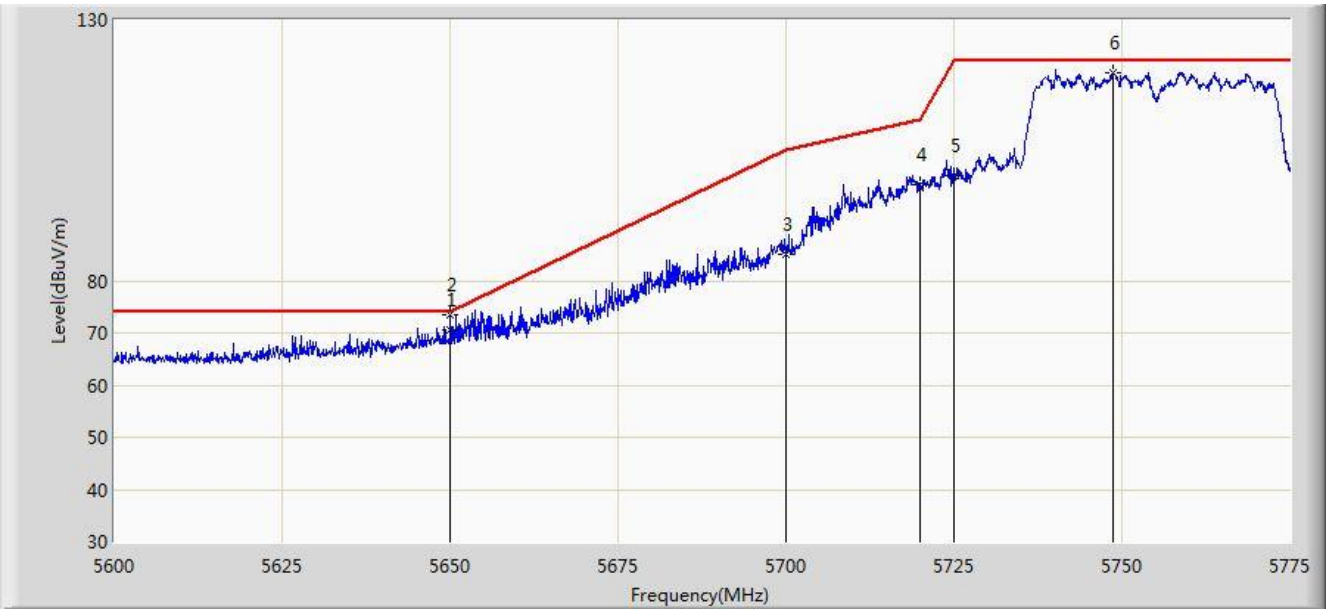


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.987	65.087	25.179	-8.913	74.000	39.908	PK
2			5650.000	63.963	24.034	-10.037	74.000	39.929	PK
3			5700.000	69.672	29.615	-35.528	105.200	40.057	PK
4			5720.000	82.750	42.609	-28.050	110.800	40.141	PK
5			5725.000	84.116	43.952	-38.084	122.200	40.164	PK
6			5750.937	106.308	66.029	N/A	N/A	40.279	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:27
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0 + 1 + 2	

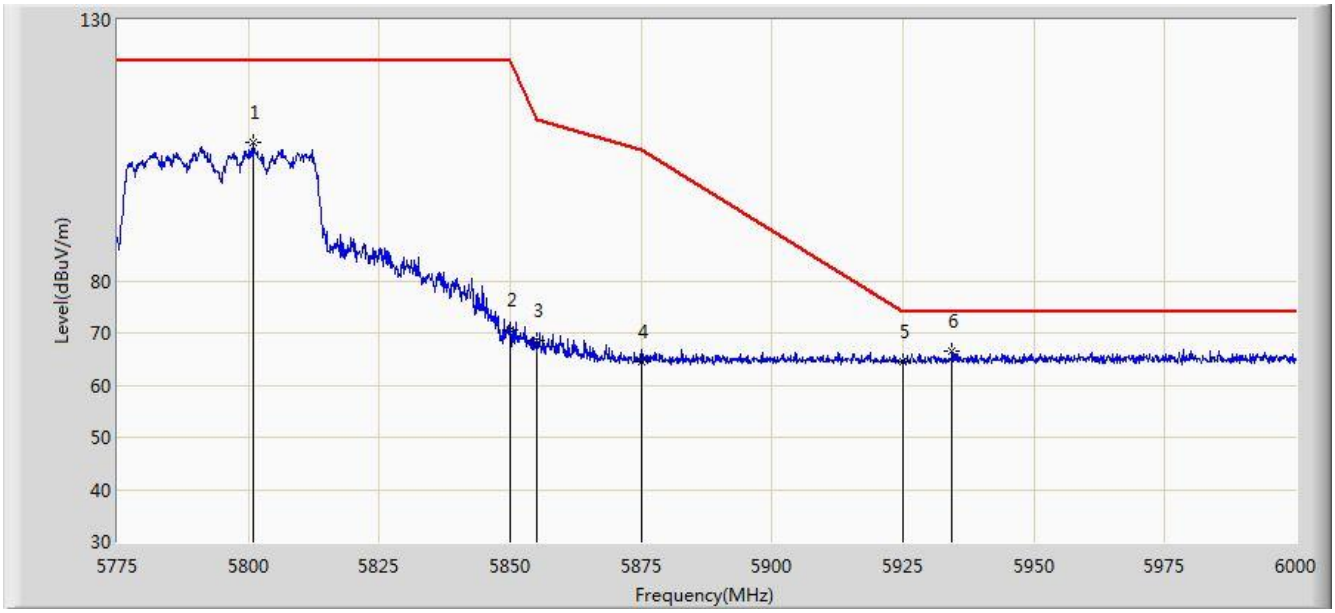


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	70.554	30.625	-3.446	74.000	39.929	PK
2		*	5650.050	73.515	33.586	-0.516	74.031	39.929	PK
3			5700.000	85.001	44.944	-20.199	105.200	40.057	PK
4			5720.000	98.270	58.129	-12.530	110.800	40.141	PK
5			5725.000	100.279	60.115	-21.921	122.200	40.164	PK
6			5748.750	119.952	79.682	N/A	N/A	40.271	PK

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

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

Site: AC1	Time: 2016/12/01 - 00:29
Limit: FCC_Part15.407_RE(3m)_Bandedge	Engineer: Kevin Ke
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC1900 Wireless Dual Band Gigabit Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0 + 1 + 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5800.987	106.473	66.005	N/A	N/A	40.468	PK
2			5850.000	70.549	29.883	-51.651	122.200	40.666	PK
3			5855.000	68.666	27.988	-42.134	110.800	40.678	PK
4			5875.000	64.585	23.865	-40.615	105.200	40.720	PK
5			5925.000	64.626	23.834	-9.374	74.000	40.792	PK
6		*	5934.413	66.625	25.823	-7.375	74.000	40.802	PK

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

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