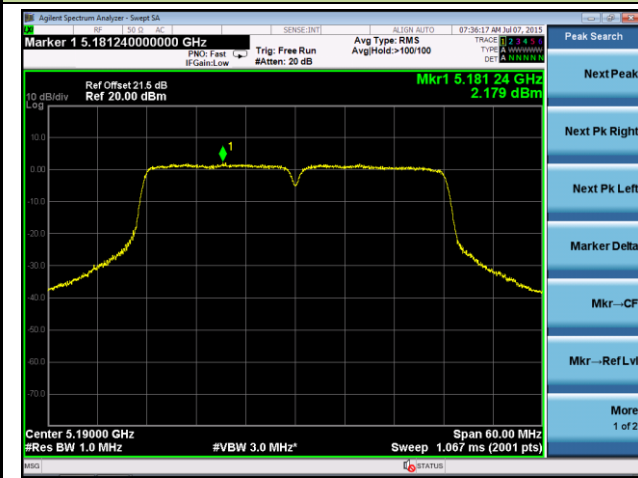## 802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 1 + 2
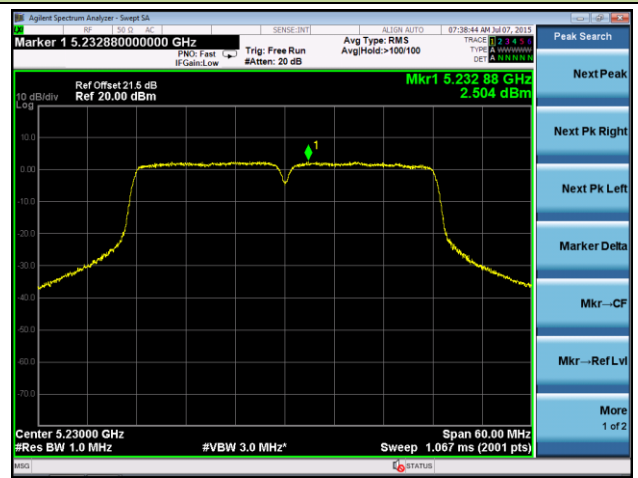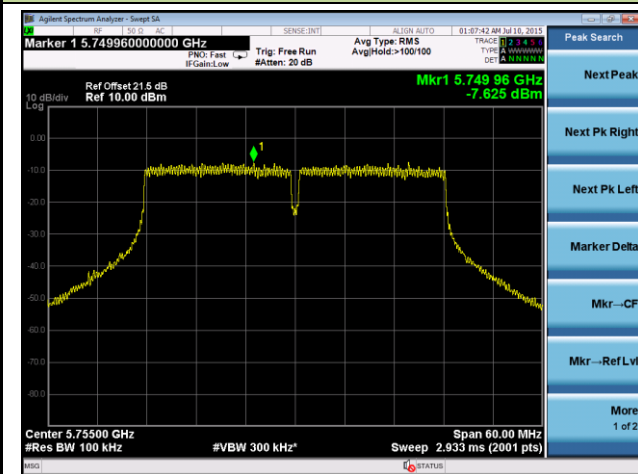
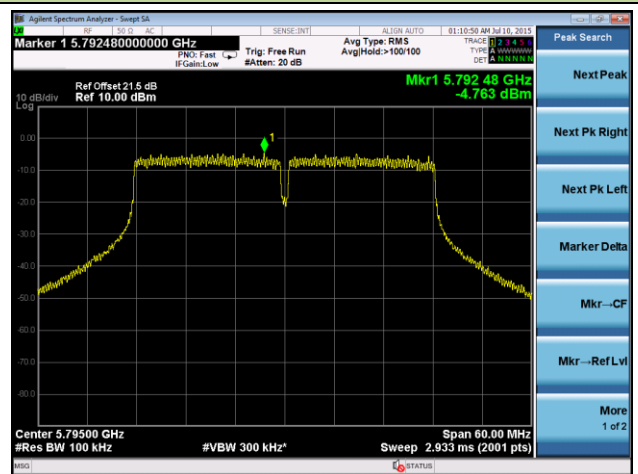| Channel 38 (5190MHz)	Channel 46 (5230MHz)

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

802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 1 + 2
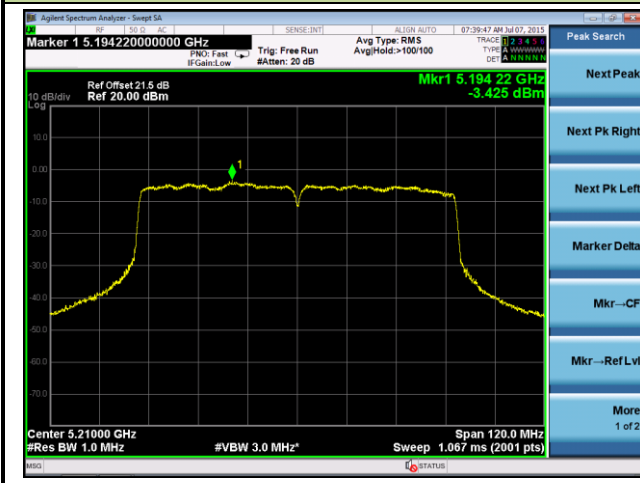
Channel 42 (5210MHz)	Channel 155 (5775MHz)
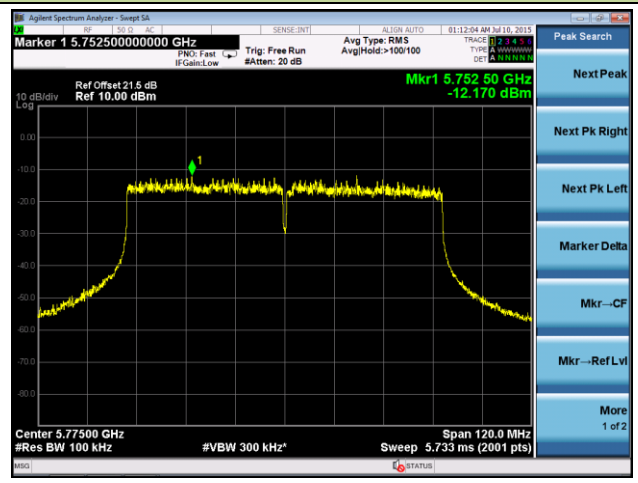
7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup
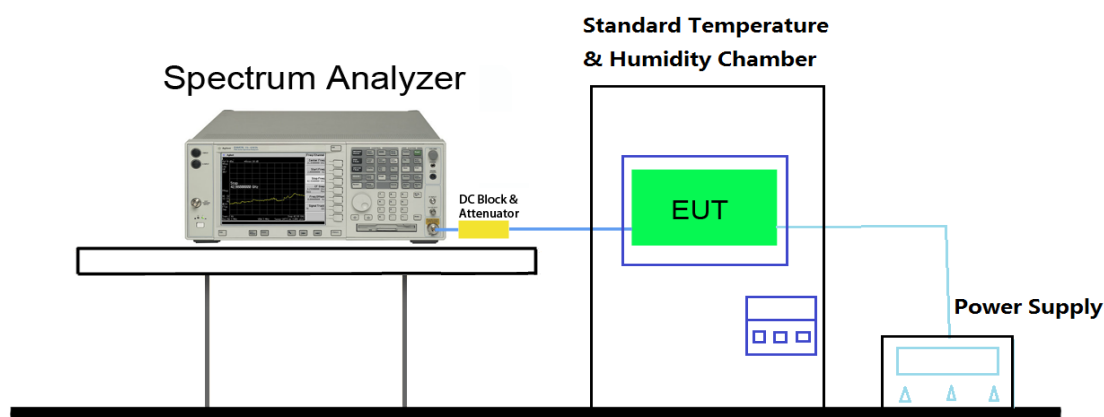
7.7.4. Test Result

Voltage (%)	Power (VAC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100%	120	+ 20 (Ref)	5220024326.326	24326.326	0.0004660
			5784989329.877	-10670.123	-0.0001844
		- 30	5220022123.987	22123.987	0.0004238
			5785036309.821	36309.821	0.0006277
		- 20	5220042090.391	42090.391	0.0008063
			5785027891.323	27891.323	0.0004821
		- 10	5220098723.275	98723.275	0.0018913
			5785039802.178	39802.178	0.0006880
		0	5220010289.632	10289.632	0.0001971
			5785039872.281	39872.281	0.0006892
		+ 10	5220007382.732	7382.732	0.0001414
			5784984621.321	-15378.679	-0.0002658
		+ 20	5220026943.832	26943.832	0.0005162
			5784979743.237	-20256.763	-0.0003502
		+ 30	5219983521.567	-16478.433	-0.0003157
			5785019823.597	19823.597	0.0003427
		+ 40	5220001958.941	1958.941	0.0000375
			5785087372.643	87372.643	0.0015103
		+ 50	5219976432.784	-23567.216	-0.0004515
			5785027618.286	27618.286	0.0004774
115%	138	+ 20	5220019054.121	19054.121	0.0003650
			5784990472.067	-9527.933	-0.0001647
85%	102	+ 20	5219998321.754	-1678.246	-0.0000322
			5784990261.025	-9738.975	-0.0001683

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title

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 [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2. Test Procedure Used

KDB 789033 D02v01 - Section G

7.8.3. 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 (RMS)

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

7.8.4. Test Setup

9kHz ~ 30MHz Test Setup:
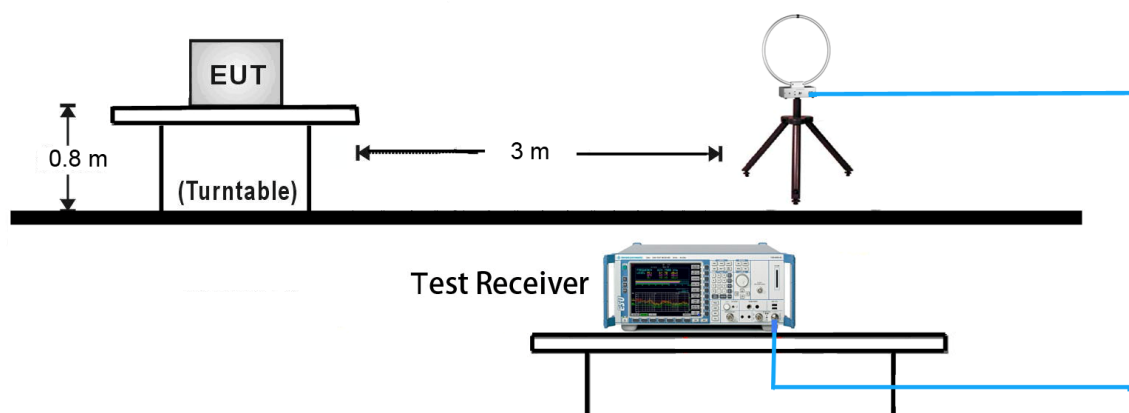
30MHz ~ 1GHz Test Setup:
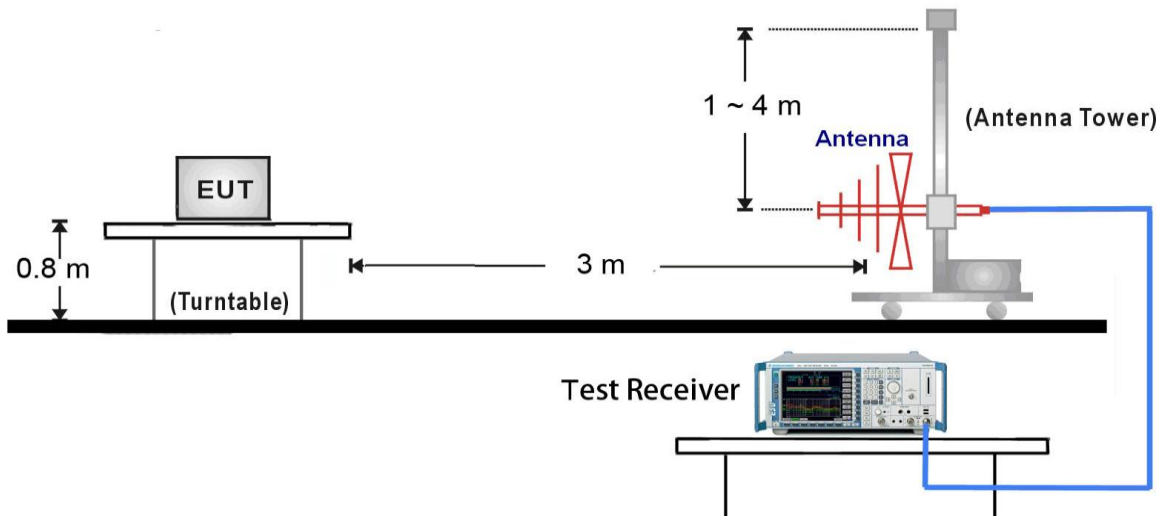
1GHz ~ 18GHz Test Setup:
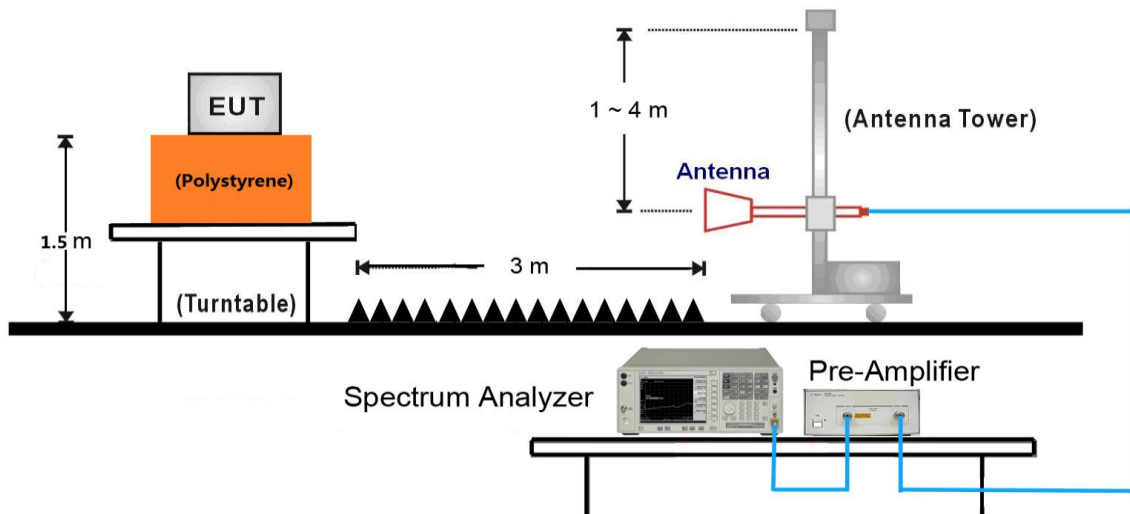
18GHz ~40GHz Test Setup:
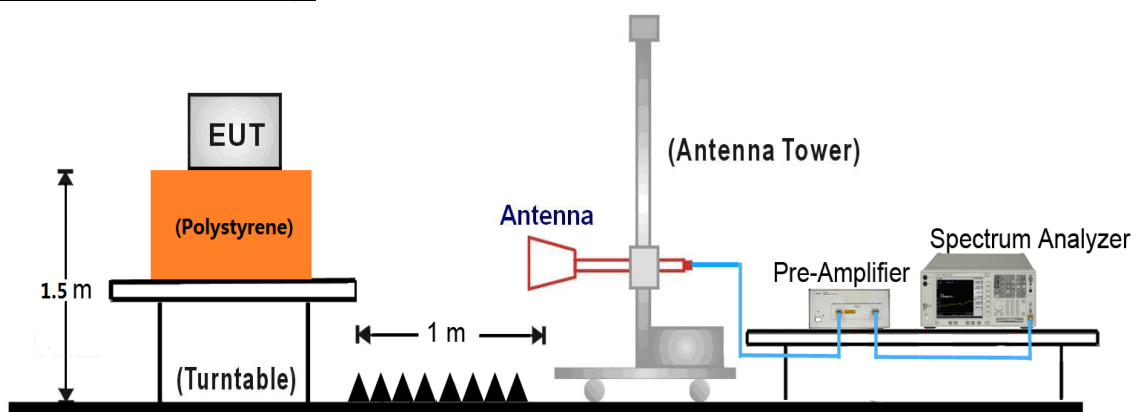
7.8.5. Test Result

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7808.5	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8777.5	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	10715.5	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
	11506.0	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	7970.0	36.9	8.6	45.5	68.2	-22.7	Peak	Vertical
*	8845.5	36.1	9.1	45.2	68.2	-23.0	Peak	Vertical
	10681.5	35.5	12.4	47.9	74.0	-26.1	Peak	Vertical
	11183.0	36.6	12.6	49.2	74.0	-24.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7213.5	37.7	7.8	45.5	68.2	-22.7	Peak	Horizontal
*	7919.0	37.0	8.4	45.4	68.2	-22.8	Peak	Horizontal
	11004.5	36.6	13.0	49.6	74.0	-24.4	Peak	Horizontal
	11463.5	35.9	12.7	48.6	74.0	-25.4	Peak	Horizontal
*	7137.0	37.8	7.7	45.5	68.2	-22.7	Peak	Vertical
*	7987.0	37.3	8.7	46.0	68.2	-22.2	Peak	Vertical
	10792.0	36.0	12.6	48.6	74.0	-25.4	Peak	Vertical
	11531.5	36.4	12.7	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7944.5	37.1	8.5	45.6	68.2	-22.6	Peak	Horizontal
*	8573.5	36.7	8.7	45.4	68.2	-22.8	Peak	Horizontal
	10681.5	35.5	12.4	47.9	74.0	-26.1	Peak	Horizontal
	11540.0	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
*	7927.5	37.7	8.5	46.2	68.2	-22.0	Peak	Vertical
*	9670.0	36.0	10.9	46.9	68.2	-21.3	Peak	Vertical
	10919.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11514.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7222.0	37.3	7.8	45.1	68.2	-23.1	Peak	Horizontal
*	7834.0	37.2	8.4	45.6	68.2	-22.6	Peak	Horizontal
	10800.5	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
	11489.0	41.1	12.8	53.9	74.0	-20.1	Peak	Horizontal
*	7919.0	37.0	8.4	45.4	68.2	-22.8	Peak	Vertical
*	8607.5	37.2	8.8	46.0	68.2	-22.2	Peak	Vertical
	10894.0	35.0	12.9	47.9	74.0	-26.1	Peak	Vertical
	11480.5	38.2	12.7	50.9	74.0	-23.1	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 of 68.2dBµV/m.

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 1		Test Site:	AC1
Test Channel:	157		Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.			

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8777.5	36.0	8.9	44.9	68.2	-23.3	Peak	Horizontal
*	9916.5	35.5	11.5	47.0	68.2	-21.2	Peak	Horizontal
	11055.5	35.8	12.9	48.7	74.0	-25.3	Peak	Horizontal
	11565.5	42.5	12.7	55.2	74.0	-18.8	Peak	Horizontal
	11571.1	27.7	12.6	40.3	54.0	-13.7	Average	Horizontal
*	7927.5	36.7	8.5	45.2	68.2	-23.0	Peak	Vertical
*	8624.5	37.2	8.8	46.0	68.2	-22.2	Peak	Vertical
	10945.0	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11565.5	40.8	12.7	53.5	74.0	-20.5	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7766.0	37.8	8.2	46.0	68.2	-22.2	Peak	Horizontal
*	8590.5	36.6	8.7	45.3	68.2	-22.9	Peak	Horizontal
	11149.0	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
	11642.0	44.6	12.4	57.0	74.0	-17.0	Peak	Horizontal
	11642.6	30.9	12.4	43.3	54.0	-10.7	Average	Horizontal
*	7995.5	36.2	8.7	44.9	68.2	-23.3	Peak	Vertical
*	9653.0	35.9	11.0	46.9	68.2	-21.3	Peak	Vertical
	11166.0	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
	11650.5	44.2	12.3	56.5	74.0	-17.5	Peak	Vertical
	11651.0	31.4	12.3	43.7	54.0	-10.3	Average	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7783.0	37.3	8.3	45.6	68.2	-22.6	Peak	Horizontal
*	9245.0	35.9	10.2	46.1	68.2	-22.1	Peak	Horizontal
	10970.5	34.9	13.1	48.0	74.0	-26.0	Peak	Horizontal
	11616.5	35.6	12.5	48.1	74.0	-25.9	Peak	Horizontal
*	7970.0	36.7	8.6	45.3	68.2	-22.9	Peak	Vertical
*	9848.5	34.9	11.6	46.5	68.2	-21.7	Peak	Vertical
	11497.5	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	12237.0	37.3	11.8	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	8004.0	36.8	8.7	45.5	68.2	-22.7	Peak	Horizontal
*	8956.0	36.5	9.0	45.5	68.2	-22.7	Peak	Horizontal
	10894.0	35.3	12.9	48.2	74.0	-25.8	Peak	Horizontal
	11565.5	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	7970.0	36.2	8.6	44.8	68.2	-23.4	Peak	Vertical
*	8692.5	36.1	9.0	45.1	68.2	-23.1	Peak	Vertical
	10681.5	35.6	12.4	48.0	74.0	-26.0	Peak	Vertical
	11752.5	36.7	11.9	48.6	74.0	-25.4	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8692.5	36.2	9.0	45.2	68.2	-23.0	Peak	Horizontal
*	9848.5	35.5	11.6	47.1	68.2	-21.1	Peak	Horizontal
	11319.0	35.6	12.5	48.1	74.0	-25.9	Peak	Horizontal
	12041.5	37.3	12.0	49.3	74.0	-24.7	Peak	Horizontal
*	7783.0	36.8	8.3	45.1	68.2	-23.1	Peak	Vertical
*	8743.5	36.6	9.0	45.6	68.2	-22.6	Peak	Vertical
	11472.0	35.8	12.7	48.5	74.0	-25.5	Peak	Vertical
	11778.0	36.1	11.9	48.0	74.0	-26.0	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7919.0	37.0	8.4	45.4	68.2	-22.8	Peak	Horizontal
*	8777.5	36.4	8.9	45.3	68.2	-22.9	Peak	Horizontal
	10817.5	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	11489.0	40.9	12.8	53.7	74.0	-20.3	Peak	Horizontal
*	7953.0	36.6	8.6	45.2	68.2	-23.0	Peak	Vertical
*	8573.5	36.3	8.7	45.0	68.2	-23.2	Peak	Vertical
	10843.0	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	11489.0	36.9	12.8	49.7	74.0	-24.3	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	8633.0	36.7	8.8	45.5	68.2	-22.7	Peak	Horizontal
*	9772.0	35.5	11.4	46.9	68.2	-21.3	Peak	Horizontal
	11123.5	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
	11574.0	41.3	12.6	53.9	74.0	-20.1	Peak	Horizontal
*	7995.5	37.2	8.7	45.9	68.2	-22.3	Peak	Vertical
*	8684.0	36.2	9.0	45.2	68.2	-23.0	Peak	Vertical
	10979.0	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical
	11565.5	36.8	12.7	49.5	74.0	-24.5	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7987.0	37.1	8.7	45.8	68.2	-22.4	Peak	Horizontal
*	8735.0	36.3	8.9	45.2	68.2	-23.0	Peak	Horizontal
	10970.5	35.0	13.1	48.1	74.0	-25.9	Peak	Horizontal
	11650.5	31.6	12.3	43.9	54.0	-10.1	Average	Horizontal
	11659.0	46.2	12.3	58.5	74.0	-15.5	Peak	Horizontal
*	8021.0	36.8	8.7	45.5	68.2	-22.7	Peak	Vertical
*	8582.0	36.6	8.6	45.2	68.2	-23.0	Peak	Vertical
	10656.0	36.0	12.3	48.3	74.0	-25.7	Peak	Vertical
	11650.5	40.3	12.3	52.6	74.0	-21.4	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 of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.7	8.6	45.3	68.2	-22.9	Peak	Horizontal
*	8947.5	36.2	9.0	45.2	68.2	-23.0	Peak	Horizontal
	11013.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	11650.5	35.8	12.3	48.1	74.0	-25.9	Peak	Horizontal
*	7876.5	37.0	8.4	45.4	68.2	-22.8	Peak	Vertical
*	8786.0	36.2	8.9	45.1	68.2	-23.1	Peak	Vertical
	10894.0	35.7	12.9	48.6	74.0	-25.4	Peak	Vertical
	11540.0	35.7	12.7	48.4	74.0	-25.6	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.8	8.6	45.4	68.2	-22.8	Peak	Horizontal
*	8684.0	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
	10783.5	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
	11531.5	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	7987.0	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
*	8650.0	36.7	8.8	45.5	68.2	-22.7	Peak	Vertical
	11004.5	35.3	13.0	48.3	74.0	-25.7	Peak	Vertical
	11438.0	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
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
*	7188.0	38.8	7.8	46.6	68.2	-21.6	Peak	Horizontal
*	8658.5	36.1	8.8	44.9	68.2	-23.3	Peak	Horizontal
	10962.0	35.2	13.1	48.3	74.0	-25.7	Peak	Horizontal
	11506.0	39.3	12.8	52.1	74.0	-21.9	Peak	Horizontal
*	7936.0	36.6	8.5	45.1	68.2	-23.1	Peak	Vertical
*	8752.0	36.6	9.0	45.6	68.2	-22.6	Peak	Vertical
	11030.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11523.0	36.5	12.7	49.2	74.0	-24.8	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
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
*	7961.5	37.1	8.6	45.7	68.2	-22.5	Peak	Horizontal
*	8794.5	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	10681.5	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
	11591.0	39.9	12.6	52.5	74.0	-21.5	Peak	Horizontal
*	7834.0	36.4	8.4	44.8	68.2	-23.4	Peak	Vertical
*	8828.5	35.8	9.1	44.9	68.2	-23.3	Peak	Vertical
	10919.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11582.5	36.4	12.6	49.0	74.0	-25.0	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7978.5	36.7	8.7	45.4	68.2	-22.8	Peak	Horizontal
*	8616.0	36.5	8.8	45.3	68.2	-22.9	Peak	Horizontal
	10936.5	35.0	13.0	48.0	74.0	-26.0	Peak	Horizontal
	11506.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	7978.5	36.8	8.7	45.5	68.2	-22.7	Peak	Vertical
*	8854.0	36.0	9.1	45.1	68.2	-23.1	Peak	Vertical
	10647.5	35.9	12.3	48.2	74.0	-25.8	Peak	Vertical
	11387.0	35.7	12.6	48.3	74.0	-25.7	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	8004.0	36.7	8.7	45.4	68.2	-22.8	Peak	Horizontal
*	8607.5	36.4	8.8	45.2	68.2	-23.0	Peak	Horizontal
	10826.0	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
	11429.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	7970.0	36.9	8.6	45.5	68.2	-22.7	Peak	Vertical
*	8905.0	36.8	9.2	46.0	68.2	-22.2	Peak	Vertical
	10809.0	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	11540.0	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7987.0	36.5	8.7	45.2	68.2	-23.0	Peak	Horizontal
*	8777.5	36.6	8.9	45.5	68.2	-22.7	Peak	Horizontal
	11149.0	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
	11506.0	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	8004.0	37.0	8.7	45.7	68.2	-22.5	Peak	Vertical
*	8675.5	35.9	8.9	44.8	68.2	-23.4	Peak	Vertical
	11013.0	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
	11625.0	36.1	12.5	48.6	74.0	-25.4	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	8012.5	36.8	8.7	45.5	68.2	-22.7	Peak	Horizontal
*	8786.0	37.3	8.9	46.2	68.2	-22.0	Peak	Horizontal
	10656.0	34.8	12.3	47.1	74.0	-26.9	Peak	Horizontal
	11497.5	40.8	12.8	53.6	74.0	-20.4	Peak	Horizontal
*	7953.0	36.8	8.6	45.4	68.2	-22.8	Peak	Vertical
*	8777.5	36.7	8.9	45.6	68.2	-22.6	Peak	Vertical
	10715.5	35.2	12.4	47.6	74.0	-26.4	Peak	Vertical
	11489.0	38.0	12.8	50.8	74.0	-23.2	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 of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7715.0	37.4	8.0	45.4	68.2	-22.8	Peak	Horizontal
*	8675.5	36.1	8.9	45.0	68.2	-23.2	Peak	Horizontal
	10945.0	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
	11574.0	41.3	12.6	53.9	74.0	-20.1	Peak	Horizontal
*	7970.0	37.5	8.6	46.1	68.2	-22.1	Peak	Vertical
*	8675.5	36.5	8.9	45.4	68.2	-22.8	Peak	Vertical
	10936.5	34.0	13.0	47.0	74.0	-27.0	Peak	Vertical
	11565.5	38.5	12.7	51.2	74.0	-22.8	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7766.0	37.8	8.2	46.0	68.2	-22.2	Peak	Horizontal
*	8548.0	36.5	8.6	45.1	68.2	-23.1	Peak	Horizontal
	11055.5	34.9	12.9	47.8	74.0	-26.2	Peak	Horizontal
	11650.5	46.1	12.3	58.4	74.0	-15.6	Peak	Horizontal
	11650.7	31.7	12.3	44.0	54.0	-10.0	Average	Horizontal
*	7995.5	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
*	8888.0	35.7	9.2	44.9	68.2	-23.3	Peak	Vertical
	10698.5	35.8	12.4	48.2	74.0	-25.8	Peak	Vertical
	11650.5	41.0	12.3	53.3	74.0	-20.7	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 of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
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
*	7995.5	36.9	8.7	45.6	68.2	-22.6	Peak	Horizontal
*	8769.0	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	10834.5	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	11463.5	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
*	7987.0	36.4	8.7	45.1	68.2	-23.1	Peak	Vertical
*	8599.0	36.9	8.7	45.6	68.2	-22.6	Peak	Vertical
	10826.0	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical
	11472.0	36.2	12.7	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
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
*	7978.5	36.4	8.7	45.1	68.2	-23.1	Peak	Horizontal
*	8777.5	36.5	8.9	45.4	68.2	-22.8	Peak	Horizontal
	11140.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
	11489.0	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	7944.5	36.6	8.5	45.1	68.2	-23.1	Peak	Vertical
*	8803.0	36.0	8.9	44.9	68.2	-23.3	Peak	Vertical
	10885.5	34.6	12.9	47.5	74.0	-26.5	Peak	Vertical
	11625.0	35.5	12.5	48.0	74.0	-26.0	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
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
*	8004.0	36.9	8.7	45.6	68.2	-22.6	Peak	Horizontal
*	8658.5	36.1	8.8	44.9	68.2	-23.3	Peak	Horizontal
	11149.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	11506.0	38.6	12.8	51.4	74.0	-22.6	Peak	Horizontal
*	7791.5	36.9	8.3	45.2	68.2	-23.0	Peak	Vertical
*	8735.0	36.3	8.9	45.2	68.2	-23.0	Peak	Vertical
	11030.0	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical
	11497.5	35.2	12.8	48.0	74.0	-26.0	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
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
*	8012.5	37.1	8.7	45.8	68.2	-22.4	Peak	Horizontal
*	8871.0	35.7	9.1	44.8	68.2	-23.4	Peak	Horizontal
	10800.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	11582.5	39.7	12.6	52.3	74.0	-21.7	Peak	Horizontal
*	7910.5	37.6	8.4	46.0	68.2	-22.2	Peak	Vertical
*	8735.0	35.4	8.9	44.3	68.2	-23.9	Peak	Vertical
	10681.5	35.1	12.4	47.5	74.0	-26.5	Peak	Vertical
	11616.5	36.9	12.5	49.4	74.0	-24.6	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 of 68.2dBμV/m.

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 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	37.5	8.6	46.1	68.2	-22.1	Peak	Horizontal
*	8573.5	36.8	8.7	45.5	68.2	-22.7	Peak	Horizontal
	10962.0	34.6	13.1	47.7	74.0	-26.3	Peak	Horizontal
	11480.5	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	7936.0	36.5	8.5	45.0	68.2	-23.2	Peak	Vertical
*	8828.5	36.3	9.1	45.4	68.2	-22.8	Peak	Vertical
	10851.5	34.2	12.8	47.0	74.0	-27.0	Peak	Vertical
	11506.0	35.8	12.8	48.6	74.0	-25.4	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 of 68.2dBµV/m.

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 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
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
*	7987.0	36.3	8.7	45.0	68.2	-23.2	Peak	Horizontal
*	8692.5	35.4	9.0	44.4	68.2	-23.8	Peak	Horizontal
	10639.0	36.3	12.3	48.6	74.0	-25.4	Peak	Horizontal
	11557.0	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
*	7970.0	37.0	8.6	45.6	68.2	-22.6	Peak	Vertical
*	8726.5	35.6	9.0	44.6	68.2	-23.6	Peak	Vertical
	11021.5	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical
	11650.5	36.4	12.3	48.7	74.0	-25.3	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 of 68.2dBµV/m.
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 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7936.0	36.8	8.5	45.3	68.2	-22.9	Peak	Horizontal
*	8692.5	36.2	9.0	45.2	68.2	-23.0	Peak	Horizontal
	10664.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
	11446.5	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	7893.5	36.4	8.3	44.7	68.2	-23.5	Peak	Vertical
*	8624.5	36.4	8.8	45.2	68.2	-23.0	Peak	Vertical
	10715.5	34.9	12.4	47.3	74.0	-26.7	Peak	Vertical
	11497.5	35.6	12.8	48.4	74.0	-25.6	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7944.5	36.5	8.5	45.0	68.2	-23.2	Peak	Horizontal
*	8726.5	35.9	9.0	44.9	68.2	-23.3	Peak	Horizontal
	10809.0	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	11514.5	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
*	7978.5	36.7	8.7	45.4	68.2	-22.8	Peak	Vertical
*	8828.5	35.2	9.1	44.3	68.2	-23.9	Peak	Vertical
	10945.0	34.8	13.1	47.9	74.0	-26.1	Peak	Vertical
	11616.5	35.9	12.5	48.4	74.0	-25.6	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	37.1	8.3	45.4	68.2	-22.8	Peak	Horizontal
*	8633.0	36.5	8.8	45.3	68.2	-22.9	Peak	Horizontal
	10630.5	35.2	12.4	47.6	74.0	-26.4	Peak	Horizontal
	11404.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
*	7961.5	36.2	8.6	44.8	68.2	-23.4	Peak	Vertical
*	8973.0	36.3	9.0	45.3	68.2	-22.9	Peak	Vertical
	10809.0	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	11497.5	36.1	12.8	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7970.0	36.5	8.6	45.1	68.2	-23.1	Peak	Horizontal
*	8633.0	37.3	8.8	46.1	68.2	-22.1	Peak	Horizontal
	11089.5	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	11489.0	41.0	12.8	53.8	74.0	-20.2	Peak	Horizontal
*	7995.5	36.1	8.7	44.8	68.2	-23.4	Peak	Vertical
*	8794.5	35.7	8.9	44.6	68.2	-23.6	Peak	Vertical
	10945.0	34.7	13.1	47.8	74.0	-26.2	Peak	Vertical
	11225.5	36.0	12.4	48.4	74.0	-25.6	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7995.5	36.1	8.7	44.8	68.2	-23.4	Peak	Horizontal
*	8667.0	36.3	8.9	45.2	68.2	-23.0	Peak	Horizontal
	10962.0	35.5	13.1	48.6	74.0	-25.4	Peak	Horizontal
	11557.0	39.4	12.7	52.1	74.0	-21.9	Peak	Horizontal
*	7978.5	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
*	8633.0	36.2	8.8	45.0	68.2	-23.2	Peak	Vertical
	11089.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	11472.0	35.9	12.7	48.6	74.0	-25.4	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7766.0	37.8	8.2	46.0	68.2	-22.2	Peak	Horizontal
*	8573.5	36.5	8.7	45.2	68.2	-23.0	Peak	Horizontal
	10919.5	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
	11650.5	41.2	12.3	53.5	74.0	-20.5	Peak	Horizontal
*	7910.5	36.8	8.4	45.2	68.2	-23.0	Peak	Vertical
*	8854.0	36.3	9.1	45.4	68.2	-22.8	Peak	Vertical
	11004.5	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
	11650.5	36.8	12.3	49.1	74.0	-24.9	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7783.0	36.6	8.3	44.9	68.2	-23.3	Peak	Horizontal
*	8650.0	37.3	8.8	46.1	68.2	-22.1	Peak	Horizontal
	10996.0	34.5	13.0	47.5	74.0	-26.5	Peak	Horizontal
	11625.0	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
*	7953.0	36.2	8.6	44.8	68.2	-23.4	Peak	Vertical
*	8896.5	35.8	9.2	45.0	68.2	-23.2	Peak	Vertical
	10902.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11489.0	35.3	12.8	48.1	74.0	-25.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7936.0	36.3	8.5	44.8	68.2	-23.4	Peak	Horizontal
*	8650.0	35.9	8.8	44.7	68.2	-23.5	Peak	Horizontal
	10715.5	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
	11514.5	35.5	12.8	48.3	74.0	-25.7	Peak	Horizontal
*	7919.0	36.5	8.4	44.9	68.2	-23.3	Peak	Vertical
*	8794.5	36.2	8.9	45.1	68.2	-23.1	Peak	Vertical
	10945.0	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11701.5	37.1	12.0	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.6	8.6	45.2	68.2	-23.0	Peak	Horizontal
*	8735.0	36.7	8.9	45.6	68.2	-22.6	Peak	Horizontal
	10911.0	34.7	13.0	47.7	74.0	-26.3	Peak	Horizontal
	11472.0	36.6	12.7	49.3	74.0	-24.7	Peak	Horizontal
*	7927.5	36.9	8.5	45.4	68.2	-22.8	Peak	Vertical
*	8726.5	36.0	9.0	45.0	68.2	-23.2	Peak	Vertical
	10953.5	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11489.0	35.2	12.8	48.0	74.0	-26.0	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7936.0	36.8	8.5	45.3	68.2	-22.9	Peak	Horizontal
*	8888.0	36.3	9.2	45.5	68.2	-22.7	Peak	Horizontal
	10732.5	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
	11489.0	39.3	12.8	52.1	74.0	-21.9	Peak	Horizontal
*	7936.0	36.5	8.5	45.0	68.2	-23.2	Peak	Vertical
*	8684.0	36.5	9.0	45.5	68.2	-22.7	Peak	Vertical
	10953.5	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11489.0	36.3	12.8	49.1	74.0	-24.9	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7995.5	36.3	8.7	45.0	68.2	-23.2	Peak	Horizontal
*	8947.5	36.9	9.0	45.9	68.2	-22.3	Peak	Horizontal
	11140.5	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
	11565.5	38.5	12.7	51.2	74.0	-22.8	Peak	Horizontal
*	7970.0	36.3	8.6	44.9	68.2	-23.3	Peak	Vertical
*	8888.0	35.3	9.2	44.5	68.2	-23.7	Peak	Vertical
	11098.0	35.9	12.8	48.7	74.0	-25.3	Peak	Vertical
	11574.0	35.7	12.6	48.3	74.0	-25.7	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7961.5	38.2	8.6	46.8	68.2	-21.4	Peak	Horizontal
*	8888.0	35.6	9.2	44.8	68.2	-23.4	Peak	Horizontal
	11302.0	35.6	12.5	48.1	74.0	-25.9	Peak	Horizontal
	11650.5	39.3	12.3	51.6	74.0	-22.4	Peak	Horizontal
*	7927.5	37.4	8.5	45.9	68.2	-22.3	Peak	Vertical
*	8820.0	36.4	9.0	45.4	68.2	-22.8	Peak	Vertical
	11030.0	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
	11650.5	36.8	12.3	49.1	74.0	-24.9	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
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
*	7987.0	36.5	8.7	45.2	68.2	-23.0	Peak	Horizontal
*	8735.0	36.0	8.9	44.9	68.2	-23.3	Peak	Horizontal
	11072.5	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
	11650.5	36.0	12.3	48.3	74.0	-25.7	Peak	Horizontal
*	7936.0	36.9	8.5	45.4	68.2	-22.8	Peak	Vertical
*	8658.5	36.3	8.8	45.1	68.2	-23.1	Peak	Vertical
	10962.0	35.0	13.1	48.1	74.0	-25.9	Peak	Vertical
	11667.5	36.3	12.2	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.4	8.6	45.0	68.2	-23.2	Peak	Horizontal
*	8828.5	36.2	9.1	45.3	68.2	-22.9	Peak	Horizontal
	10639.0	36.1	12.3	48.4	74.0	-25.6	Peak	Horizontal
	11650.5	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	7953.0	37.1	8.6	45.7	68.2	-22.5	Peak	Vertical
*	8896.5	35.8	9.2	45.0	68.2	-23.2	Peak	Vertical
	10987.5	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical
	11565.5	35.0	12.7	47.7	74.0	-26.3	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
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
*	7978.5	37.0	8.7	45.7	68.2	-22.5	Peak	Horizontal
*	8905.0	35.9	9.2	45.1	68.2	-23.1	Peak	Horizontal
	10902.5	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
	11506.0	36.8	12.8	49.6	74.0	-24.4	Peak	Horizontal
*	7919.0	36.2	8.4	44.6	68.2	-23.6	Peak	Vertical
*	8879.5	35.6	9.2	44.8	68.2	-23.4	Peak	Vertical
	11370.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
	11582.5	35.7	12.6	48.3	74.0	-25.7	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.8	8.6	45.4	68.2	-22.8	Peak	Horizontal
*	8794.5	36.4	8.9	45.3	68.2	-22.9	Peak	Horizontal
	10979.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	11582.5	37.8	12.6	50.4	74.0	-23.6	Peak	Horizontal
*	7893.5	37.5	8.3	45.8	68.2	-22.4	Peak	Vertical
*	8650.0	36.4	8.8	45.2	68.2	-23.0	Peak	Vertical
	11225.5	35.4	12.4	47.8	74.0	-26.2	Peak	Vertical
	11616.5	36.3	12.5	48.8	74.0	-25.2	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	37.2	8.6	45.8	68.2	-22.4	Peak	Horizontal
*	8684.0	35.8	9.0	44.8	68.2	-23.4	Peak	Horizontal
	11030.0	35.1	13.0	48.1	74.0	-25.9	Peak	Horizontal
	11506.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	7978.5	36.8	8.7	45.5	68.2	-22.7	Peak	Vertical
*	8633.0	36.2	8.8	45.0	68.2	-23.2	Peak	Vertical
	11021.5	34.1	13.0	47.1	74.0	-26.9	Peak	Vertical
	11591.0	35.6	12.6	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7919.0	36.7	8.4	45.1	68.2	-23.1	Peak	Horizontal
*	8658.5	36.0	8.8	44.8	68.2	-23.4	Peak	Horizontal
	10962.0	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
	11506.0	35.9	12.8	48.7	74.0	-25.3	Peak	Horizontal
*	7944.5	37.3	8.5	45.8	68.2	-22.4	Peak	Vertical
*	8862.5	35.2	9.1	44.3	68.2	-23.9	Peak	Vertical
	10894.0	35.0	12.9	47.9	74.0	-26.1	Peak	Vertical
	11429.5	35.7	12.6	48.3	74.0	-25.7	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7825.5	36.0	8.4	44.4	68.2	-23.8	Peak	Horizontal
*	8769.0	35.1	8.9	44.0	68.2	-24.2	Peak	Horizontal
	11115.0	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	11438.0	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	7970.0	37.4	8.6	46.0	68.2	-22.2	Peak	Vertical
*	8624.5	36.9	8.8	45.7	68.2	-22.5	Peak	Vertical
	10962.0	34.7	13.1	47.8	74.0	-26.2	Peak	Vertical
	11455.0	35.3	12.7	48.0	74.0	-26.0	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 of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7961.5	36.8	8.6	45.4	68.2	-22.8	Peak	Horizontal
*	8667.0	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	11072.5	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
	11489.0	38.7	12.8	51.5	74.0	-22.5	Peak	Horizontal
*	7910.5	36.3	8.4	44.7	68.2	-23.5	Peak	Vertical
*	8896.5	35.3	9.2	44.5	68.2	-23.7	Peak	Vertical
	11064.0	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
	11480.5	35.3	12.7	48.0	74.0	-26.0	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7919.0	35.9	8.4	44.3	68.2	-23.9	Peak	Horizontal
*	8709.5	36.0	9.0	45.0	68.2	-23.2	Peak	Horizontal
	10945.0	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
	11565.5	38.3	12.7	51.0	74.0	-23.0	Peak	Horizontal
*	7970.0	36.5	8.6	45.1	68.2	-23.1	Peak	Vertical
*	8735.0	35.3	8.9	44.2	68.2	-24.0	Peak	Vertical
	10945.0	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11565.5	35.5	12.7	48.2	74.0	-25.8	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7944.5	37.1	8.5	45.6	68.2	-22.6	Peak	Horizontal
*	8777.5	37.0	8.9	45.9	68.2	-22.3	Peak	Horizontal
	10690.0	36.9	12.4	49.3	74.0	-24.7	Peak	Horizontal
	11650.5	38.0	12.3	50.3	74.0	-23.7	Peak	Horizontal
*	7919.0	37.0	8.4	45.4	68.2	-22.8	Peak	Vertical
*	8667.0	35.9	8.9	44.8	68.2	-23.4	Peak	Vertical
	11157.5	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
	11633.5	38.0	12.4	50.4	74.0	-23.6	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
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
*	7944.5	36.7	8.5	45.2	68.2	-23.0	Peak	Horizontal
*	8624.5	36.2	8.8	45.0	68.2	-23.2	Peak	Horizontal
	10894.0	34.4	12.9	47.3	74.0	-26.7	Peak	Horizontal
	11497.5	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
*	7944.5	37.0	8.5	45.5	68.2	-22.7	Peak	Vertical
*	8667.0	36.2	8.9	45.1	68.2	-23.1	Peak	Vertical
	10817.5	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical
	11302.0	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
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
*	7987.0	36.8	8.7	45.5	68.2	-22.7	Peak	Horizontal
*	8794.5	36.1	8.9	45.0	68.2	-23.2	Peak	Horizontal
	10690.0	34.7	12.4	47.1	74.0	-26.9	Peak	Horizontal
	11582.5	35.8	12.6	48.4	74.0	-25.6	Peak	Horizontal
*	7817.0	37.0	8.4	45.4	68.2	-22.8	Peak	Vertical
*	8888.0	35.7	9.2	44.9	68.2	-23.3	Peak	Vertical
	11013.0	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
	11548.5	35.8	12.7	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
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
*	7927.5	37.6	8.5	46.1	68.2	-22.1	Peak	Horizontal
*	8633.0	36.7	8.8	45.5	68.2	-22.7	Peak	Horizontal
	10877.0	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
	11625.0	36.0	12.5	48.5	74.0	-25.5	Peak	Horizontal
*	7919.0	36.2	8.4	44.6	68.2	-23.6	Peak	Vertical
*	8684.0	36.1	9.0	45.1	68.2	-23.1	Peak	Vertical
	10622.0	35.1	12.4	47.5	74.0	-26.5	Peak	Vertical
	11497.5	36.6	12.8	49.4	74.0	-24.6	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7885.0	36.9	8.3	45.2	68.2	-23.0	Peak	Horizontal
*	8735.0	36.0	8.9	44.9	68.2	-23.3	Peak	Horizontal
	10953.5	35.2	13.1	48.3	74.0	-25.7	Peak	Horizontal
	11582.5	37.4	12.6	50.0	74.0	-24.0	Peak	Horizontal
*	7902.0	36.6	8.3	44.9	68.2	-23.3	Peak	Vertical
*	8862.5	35.5	9.1	44.6	68.2	-23.6	Peak	Vertical
	10953.5	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
	11591.0	36.0	12.6	48.6	74.0	-25.4	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Roy Cheng
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
*	7970.0	37.4	8.6	46.0	68.2	-22.2	Peak	Horizontal
*	8837.0	35.8	9.1	44.9	68.2	-23.3	Peak	Horizontal
	10834.5	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
	11642.0	36.1	12.4	48.5	74.0	-25.5	Peak	Horizontal
*	7919.0	36.4	8.4	44.8	68.2	-23.4	Peak	Vertical
*	8888.0	36.1	9.2	45.3	68.2	-22.9	Peak	Vertical
	10902.5	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
	11633.5	35.9	12.4	48.3	74.0	-25.7	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 of 68.2dBµV/m.

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 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
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
*	7995.5	37.1	8.7	45.8	68.2	-22.4	Peak	Horizontal
*	8667.0	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	10902.5	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
	11565.5	36.1	12.7	48.8	74.0	-25.2	Peak	Horizontal
*	7944.5	36.6	8.5	45.1	68.2	-23.1	Peak	Vertical
*	8811.5	35.6	9.0	44.6	68.2	-23.6	Peak	Vertical
	10911.0	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
	11497.5	36.2	12.8	49.0	74.0	-25.0	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7902.0	37.6	8.3	45.9	68.2	-22.3	Peak	Horizontal
*	8845.5	36.1	9.1	45.2	68.2	-23.0	Peak	Horizontal
	10724.0	35.7	12.4	48.1	74.0	-25.9	Peak	Horizontal
	11633.5	36.3	12.4	48.7	74.0	-25.3	Peak	Horizontal
*	7987.0	36.5	8.7	45.2	68.2	-23.0	Peak	Vertical
*	8854.0	35.8	9.1	44.9	68.2	-23.3	Peak	Vertical
	10809.0	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
	11506.0	35.4	12.8	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.
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 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7995.5	36.1	8.7	44.8	68.2	-23.4	Peak	Horizontal
*	8879.5	35.4	9.2	44.6	68.2	-23.6	Peak	Horizontal
	10962.0	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
	11506.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	7995.5	36.7	8.7	45.4	68.2	-22.8	Peak	Vertical
*	8794.5	35.6	8.9	44.5	68.2	-23.7	Peak	Vertical
	11421.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
	11803.5	36.6	11.8	48.4	74.0	-25.6	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7995.5	37.2	8.7	45.9	68.2	-22.3	Peak	Horizontal
*	8675.5	36.5	8.9	45.4	68.2	-22.8	Peak	Horizontal
	10775.0	34.8	12.5	47.3	74.0	-26.7	Peak	Horizontal
	11531.5	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	7868.0	36.1	8.4	44.5	68.2	-23.7	Peak	Vertical
*	8769.0	35.8	8.9	44.7	68.2	-23.5	Peak	Vertical
	10656.0	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
	11489.0	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7970.0	36.9	8.6	45.5	68.2	-22.7	Peak	Horizontal
*	8820.0	36.6	9.0	45.6	68.2	-22.6	Peak	Horizontal
	10766.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
	11489.4	31.4	12.8	44.2	54.0	-9.8	Average	Horizontal
	11497.5	43.0	12.8	55.8	74.0	-18.2	Peak	Horizontal
*	7953.0	36.9	8.6	45.5	68.2	-22.7	Peak	Vertical
*	8820.0	36.0	9.0	45.0	68.2	-23.2	Peak	Vertical
	10902.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11497.5	38.8	12.8	51.6	74.0	-22.4	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7978.5	36.6	8.7	45.3	68.2	-22.9	Peak	Horizontal
*	8701.0	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
	10894.0	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
	11561.9	35.7	12.7	48.4	54.0	-5.6	Average	Horizontal
	11565.5	45.9	12.7	58.6	74.0	-15.4	Peak	Horizontal
*	7893.5	36.2	8.3	44.5	68.2	-23.7	Peak	Vertical
*	8769.0	35.8	8.9	44.7	68.2	-23.5	Peak	Vertical
	10732.5	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical
	11565.5	39.0	12.7	51.7	74.0	-22.3	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7987.0	36.0	8.7	44.7	68.2	-23.5	Peak	Horizontal
*	8718.0	35.8	9.0	44.8	68.2	-23.4	Peak	Horizontal
	10656.0	35.2	12.3	47.5	74.0	-26.5	Peak	Horizontal
	11649.4	34.7	12.3	47.0	54.0	-7.0	Average	Horizontal
	11659.0	48.1	12.3	60.4	74.0	-13.6	Peak	Horizontal
*	7970.0	36.3	8.6	44.9	68.2	-23.3	Peak	Vertical
*	8752.0	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
	10979.0	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
	11650.5	41.4	12.3	53.7	74.0	-20.3	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7936.0	36.7	8.5	45.2	68.2	-23.0	Peak	Horizontal
*	8777.5	36.9	8.9	45.8	68.2	-22.4	Peak	Horizontal
	10707.0	36.8	12.4	49.2	74.0	-24.8	Peak	Horizontal
	11701.5	37.1	12.0	49.1	74.0	-24.9	Peak	Horizontal
*	7995.5	36.9	8.7	45.6	68.2	-22.6	Peak	Vertical
*	8777.5	36.6	8.9	45.5	68.2	-22.7	Peak	Vertical
	11055.5	35.2	12.9	48.1	74.0	-25.9	Peak	Vertical
	11540.0	36.2	12.7	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7944.5	38.0	8.5	46.5	68.2	-21.7	Peak	Horizontal
*	8667.0	36.3	8.9	45.2	68.2	-23.0	Peak	Horizontal
	10809.0	36.4	12.7	49.1	74.0	-24.9	Peak	Horizontal
	11633.5	37.3	12.4	49.7	74.0	-24.3	Peak	Horizontal
*	7808.5	37.4	8.4	45.8	68.2	-22.4	Peak	Vertical
*	8752.0	37.0	9.0	46.0	68.2	-22.2	Peak	Vertical
	10630.5	35.6	12.4	48.0	74.0	-26.0	Peak	Vertical
	11591.0	36.9	12.6	49.5	74.0	-24.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7927.5	37.6	8.5	46.1	68.2	-22.1	Peak	Horizontal
*	8743.5	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
	10775.0	36.3	12.5	48.8	74.0	-25.2	Peak	Horizontal
	11489.0	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
*	7953.0	37.0	8.6	45.6	68.2	-22.6	Peak	Vertical
*	8709.5	36.5	9.0	45.5	68.2	-22.7	Peak	Vertical
	10911.0	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
	11506.0	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
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
*	7910.5	36.7	8.4	45.1	68.2	-23.1	Peak	Horizontal
*	8701.0	37.3	9.0	46.3	68.2	-21.9	Peak	Horizontal
	10970.5	34.2	13.1	47.3	74.0	-26.7	Peak	Horizontal
	11497.5	42.6	12.8	55.4	74.0	-18.6	Peak	Horizontal
	11497.7	30.1	12.8	42.9	54.0	-11.1	Average	Horizontal
*	7978.5	37.0	8.7	45.7	68.2	-22.5	Peak	Vertical
*	8930.5	36.7	9.0	45.7	68.2	-22.5	Peak	Vertical
	10996.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
	11480.5	37.4	12.7	50.1	74.0	-23.9	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7987.0	36.4	8.7	45.1	68.2	-23.1	Peak	Horizontal
*	8658.5	36.7	8.8	45.5	68.2	-22.7	Peak	Horizontal
	11021.5	35.4	13.0	48.4	74.0	-25.6	Peak	Horizontal
	11565.5	43.0	12.7	55.7	74.0	-18.3	Peak	Horizontal
	11565.9	32.4	12.7	45.1	54.0	-8.9	Average	Horizontal
*	7783.0	37.2	8.3	45.5	68.2	-22.7	Peak	Vertical
*	8692.5	36.4	9.0	45.4	68.2	-22.8	Peak	Vertical
	10647.5	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
	11565.5	38.9	12.7	51.6	74.0	-22.4	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
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
*	7987.0	36.1	8.7	44.8	68.2	-23.4	Peak	Horizontal
*	8616.0	37.4	8.8	46.2	68.2	-22.0	Peak	Horizontal
	11004.5	35.2	13.0	48.2	74.0	-25.8	Peak	Horizontal
	11650.5	45.7	12.3	58.0	74.0	-16.0	Peak	Horizontal
	11650.7	31.0	12.3	43.3	54.0	-10.7	Average	Horizontal
*	7927.5	36.7	8.5	45.2	68.2	-23.0	Peak	Vertical
*	8735.0	36.3	8.9	45.2	68.2	-23.0	Peak	Vertical
	10809.0	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
	11650.5	42.1	12.3	54.4	74.0	-19.6	Peak	Vertical
	11650.7	30.0	12.3	42.3	54.0	-11.7	Average	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
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
*	7936.0	37.4	8.5	45.9	68.2	-22.3	Peak	Horizontal
*	8828.5	36.2	9.1	45.3	68.2	-22.9	Peak	Horizontal
	10783.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	11531.5	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	7919.0	36.7	8.4	45.1	68.2	-23.1	Peak	Vertical
*	8854.0	36.5	9.1	45.6	68.2	-22.6	Peak	Vertical
	10996.0	35.3	13.0	48.3	74.0	-25.7	Peak	Vertical
	11506.0	36.5	12.8	49.3	74.0	-24.7	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
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
*	7927.5	36.8	8.5	45.3	68.2	-22.9	Peak	Horizontal
*	8803.0	36.7	8.9	45.6	68.2	-22.6	Peak	Horizontal
	10800.5	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
	11480.5	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
*	7910.5	37.2	8.4	45.6	68.2	-22.6	Peak	Vertical
*	8803.0	36.2	8.9	45.1	68.2	-23.1	Peak	Vertical
	10800.5	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
	11446.5	35.6	12.7	48.3	74.0	-25.7	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	36.5	8.3	44.8	68.2	-23.4	Peak	Horizontal
*	8726.5	37.0	9.0	46.0	68.2	-22.2	Peak	Horizontal
	10715.5	36.1	12.4	48.5	74.0	-25.5	Peak	Horizontal
	11506.0	38.2	12.8	51.0	74.0	-23.0	Peak	Horizontal
*	7987.0	36.4	8.7	45.1	68.2	-23.1	Peak	Vertical
*	8769.0	37.5	8.9	46.4	68.2	-21.8	Peak	Vertical
	10868.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
	11608.0	36.1	12.5	48.6	74.0	-25.4	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
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
*	7970.0	37.6	8.6	46.2	68.2	-22.0	Peak	Horizontal
*	8684.0	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
	10630.5	35.5	12.4	47.9	74.0	-26.1	Peak	Horizontal
	11591.0	41.8	12.6	54.4	74.0	-19.6	Peak	Horizontal
	11591.4	30.0	12.6	42.6	54.0	-11.4	Average	Horizontal
*	7961.5	36.8	8.6	45.4	68.2	-22.8	Peak	Vertical
*	8616.0	36.4	8.8	45.2	68.2	-23.0	Peak	Vertical
	11013.0	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical
	11599.5	37.5	12.6	50.1	74.0	-23.9	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
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
*	7978.5	38.2	8.7	46.9	68.2	-21.3	Peak	Horizontal
*	8930.5	36.7	9.0	45.7	68.2	-22.5	Peak	Horizontal
	10741.0	36.1	12.5	48.6	74.0	-25.4	Peak	Horizontal
	11667.5	36.9	12.2	49.1	74.0	-24.9	Peak	Horizontal
*	7927.5	36.6	8.5	45.1	68.2	-23.1	Peak	Vertical
*	8616.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	10639.0	35.3	12.3	47.6	74.0	-26.4	Peak	Vertical
	11540.0	36.4	12.7	49.1	74.0	-24.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
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
*	7944.5	36.7	8.5	45.2	68.2	-23.0	Peak	Horizontal
*	8760.5	35.8	9.0	44.8	68.2	-23.4	Peak	Horizontal
	10962.0	34.8	13.1	47.9	74.0	-26.1	Peak	Horizontal
	11293.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
*	7919.0	36.5	8.4	44.9	68.2	-23.3	Peak	Vertical
*	8650.0	36.7	8.8	45.5	68.2	-22.7	Peak	Vertical
	10817.5	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
	11659.0	36.6	12.3	48.9	74.0	-25.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
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
*	7978.5	37.2	8.7	45.9	68.2	-22.3	Peak	Horizontal
*	8760.5	35.7	9.0	44.7	68.2	-23.5	Peak	Horizontal
	10885.5	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
	11540.0	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	7910.5	36.9	8.4	45.3	68.2	-22.9	Peak	Vertical
*	8616.0	36.6	8.8	45.4	68.2	-22.8	Peak	Vertical
	11072.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
	11650.5	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7885.0	37.1	8.3	45.4	68.2	-22.8	Peak	Horizontal
*	8709.5	36.0	9.0	45.0	68.2	-23.2	Peak	Horizontal
	10962.0	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
	11489.0	43.1	12.8	55.9	74.0	-18.1	Peak	Horizontal
	11489.6	31.2	12.8	44.0	54.0	-10.0	Average	Horizontal
*	7927.5	36.4	8.5	44.9	68.2	-23.3	Peak	Vertical
*	8862.5	36.1	9.1	45.2	68.2	-23.0	Peak	Vertical
	10698.5	35.4	12.4	47.8	74.0	-26.2	Peak	Vertical
	11497.5	36.8	12.8	49.6	74.0	-24.4	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
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
*	7910.5	35.9	8.4	44.3	68.2	-23.9	Peak	Horizontal
*	8879.5	35.7	9.2	44.9	68.2	-23.3	Peak	Horizontal
	10953.5	35.0	13.1	48.1	74.0	-25.9	Peak	Horizontal
	11565.5	44.0	12.7	56.7	74.0	-17.3	Peak	Horizontal
	11565.9	31.7	12.7	44.4	54.0	-9.6	Average	Horizontal
*	7885.0	37.1	8.3	45.4	68.2	-22.8	Peak	Vertical
*	8641.5	37.3	8.8	46.1	68.2	-22.1	Peak	Vertical
	10911.0	35.3	13.0	48.3	74.0	-25.7	Peak	Vertical
	11565.5	39.3	12.7	52.0	74.0	-22.0	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7953.0	37.8	8.6	46.4	68.2	-21.8	Peak	Horizontal
*	8862.5	35.8	9.1	44.9	68.2	-23.3	Peak	Horizontal
	10647.5	35.3	12.3	47.6	74.0	-26.4	Peak	Horizontal
	11650.5	46.0	12.3	58.3	74.0	-15.7	Peak	Horizontal
	11651.0	32.1	12.3	44.4	54.0	-9.6	Average	Horizontal
*	7970.0	36.5	8.6	45.1	68.2	-23.1	Peak	Vertical
*	8650.0	36.8	8.8	45.6	68.2	-22.6	Peak	Vertical
	10902.5	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
	11642.0	39.1	12.4	51.5	74.0	-22.5	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
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.		

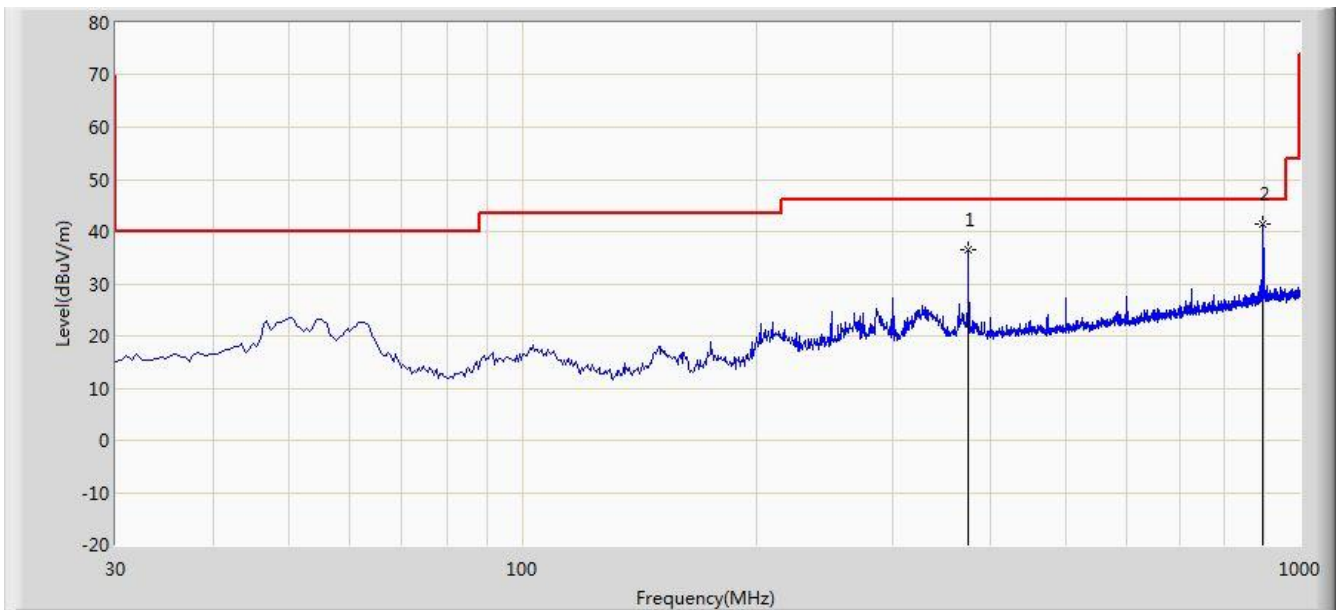| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7944.5	36.1	8.5	44.6	68.2	-23.6	Peak	Horizontal
*	8769.0	36.5	8.9	45.4	68.2	-22.8	Peak	Horizontal
	10996.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
	11463.5	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	7978.5	36.7	8.7	45.4	68.2	-22.8	Peak	Vertical
*	8582.0	37.0	8.6	45.6	68.2	-22.6	Peak	Vertical
	11021.5	34.3	13.0	47.3	74.0	-26.7	Peak	Vertical
	11514.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
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
*	7783.0	36.8	8.3	45.1	68.2	-23.1	Peak	Horizontal
*	8675.5	35.9	8.9	44.8	68.2	-23.4	Peak	Horizontal
	11174.5	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
	11548.5	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
*	7910.5	37.1	8.4	45.5	68.2	-22.7	Peak	Vertical
*	8828.5	35.9	9.1	45.0	68.2	-23.2	Peak	Vertical
	10945.0	33.9	13.1	47.0	74.0	-27.0	Peak	Vertical
	11701.5	37.2	12.0	49.2	74.0	-24.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
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
*	7970.0	36.5	8.6	45.1	68.2	-23.1	Peak	Horizontal
*	8794.5	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	10698.5	35.2	12.4	47.6	74.0	-26.4	Peak	Horizontal
	11506.0	37.1	12.8	49.9	74.0	-24.1	Peak	Horizontal
*	7953.0	36.6	8.6	45.2	68.2	-23.0	Peak	Vertical
*	8650.0	36.6	8.8	45.4	68.2	-22.8	Peak	Vertical
	11004.5	35.0	13.0	48.0	74.0	-26.0	Peak	Vertical
	11506.0	35.5	12.8	48.3	74.0	-25.7	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 of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	36.6	8.6	45.2	68.2	-23.0	Peak	Horizontal
*	8675.5	36.0	8.9	44.9	68.2	-23.3	Peak	Horizontal
	10834.5	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	11582.5	43.1	12.6	55.7	74.0	-18.3	Peak	Horizontal
	11582.9	30.8	12.6	43.4	54.0	-10.6	Average	Horizontal
*	7936.0	36.6	8.5	45.1	68.2	-23.1	Peak	Vertical
*	8658.5	36.9	8.8	45.7	68.2	-22.5	Peak	Vertical
	10690.0	35.9	12.4	48.3	74.0	-25.7	Peak	Vertical
	11574.0	36.4	12.6	49.0	74.0	-25.0	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 of 68.2dBμV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Roy Cheng
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
*	7987.0	37.0	8.7	45.7	68.2	-22.5	Peak	Horizontal
*	8803.0	36.2	8.9	45.1	68.2	-23.1	Peak	Horizontal
	10647.5	35.3	12.3	47.6	74.0	-26.4	Peak	Horizontal
	11574.0	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
*	7919.0	36.2	8.4	44.6	68.2	-23.6	Peak	Vertical
*	8658.5	36.7	8.8	45.5	68.2	-22.7	Peak	Vertical
	10792.0	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
	11497.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBµV/m.

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 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
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
*	7987.0	36.6	8.7	45.3	68.2	-22.9	Peak	Horizontal
*	8684.0	36.1	9.0	45.1	68.2	-23.1	Peak	Horizontal
	10639.0	34.5	12.3	46.8	74.0	-27.2	Peak	Horizontal
	11455.0	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
*	7859.5	37.4	8.4	45.8	68.2	-22.4	Peak	Vertical
*	8641.5	36.1	8.8	44.9	68.2	-23.3	Peak	Vertical
	10749.5	35.3	12.5	47.8	74.0	-26.2	Peak	Vertical
	11642.0	35.3	12.4	47.7	74.0	-26.3	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 of 68.2dBµV/m.

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: 2015/07/04 - 20:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode : Transmit at channel 5180MHz by 802.11a	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			374.835	36.529	20.799	-9.471	46.000	15.730	QP
2		*	897.180	41.578	18.276	-4.422	46.000	23.302	QP

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

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

Site: AC1	Time: 2015/07/04 - 20:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode : Transmit at channel 5180MHz by 802.11a	
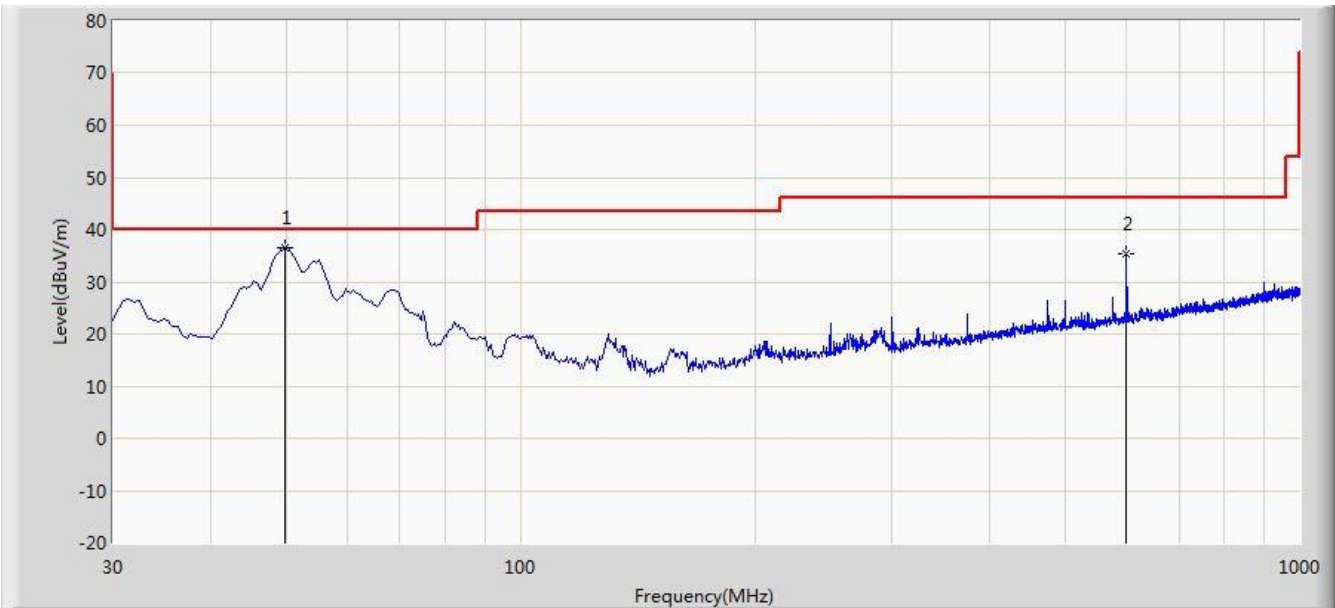
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	49.885	36.620	21.862	-3.380	40.000	14.759	QP
2			599.875	35.361	15.922	-10.639	46.000	19.438	QP

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

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

Site: AC1	Time: 2015/07/09 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz

Worst Case Mode: There is the ambient noise within frequency range 9kHz~30MHz(802.11a 5180MHz).

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.893	35.844	-61.463	118.356	21.049	QP
2		*	0.061	52.853	32.542	-59.045	111.898	20.311	QP

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

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

Site: AC1	Time: 2015/07/09 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Worst Case Mode: There is the ambient noise within frequency range 9kHz~30MHz(802.11a 5180MHz).	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.502	34.370	13.947	-39.220	73.590	20.423	QP
2		*	1.334	31.595	11.104	-33.530	65.125	20.491	QP

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

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

Site: AC1	Time: 2015/07/09 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz

Worst Case Mode: There is the ambient noise within frequency range 18GHz~40GHz(802.11a 5180MHz).

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956	36.537	-31.544	83.500	15.419	PK
5			33180.000	61.461	39.940	-22.039	83.500	21.521	PK
6			33180.361	49.061	27.540	-14.439	63.500	21.521	AV
7		*	38437.980	58.523	31.190	-4.977	63.500	27.333	AV
8			38438.000	72.021	44.688	-11.479	83.500	27.333	PK

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

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

Site: AC1	Time: 2015/07/09 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Worst Case Mode: There is the ambient noise within frequency range 18GHz~40GHz(802.11a 5180MHz).	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24886.000	52.313	37.528	-31.187	83.500	14.785	PK
2			24886.970	39.234	24.449	-24.266	63.500	14.785	AV
3			26503.000	53.227	37.207	-30.273	83.500	16.020	PK
4			26503.872	39.572	23.550	-23.928	63.500	16.022	AV
5			33213.000	62.110	40.572	-21.390	83.500	21.538	PK
6			33213.984	49.098	27.560	-14.402	63.500	21.538	AV
7			38900.000	72.096	44.211	-11.404	83.500	27.885	PK
8		*	38900.755	58.705	30.820	-4.795	63.500	27.885	AV

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	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])

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.

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5350	-27	68.2
5725 - 5850	-17	78.2
	-27	68.2

Note: Refer to KDB 789033 D02v01 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 [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2. Test Result of Radiated Restricted Band Edge

|	
Site: AC 1	Time: 2015/07/04 - 11:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	
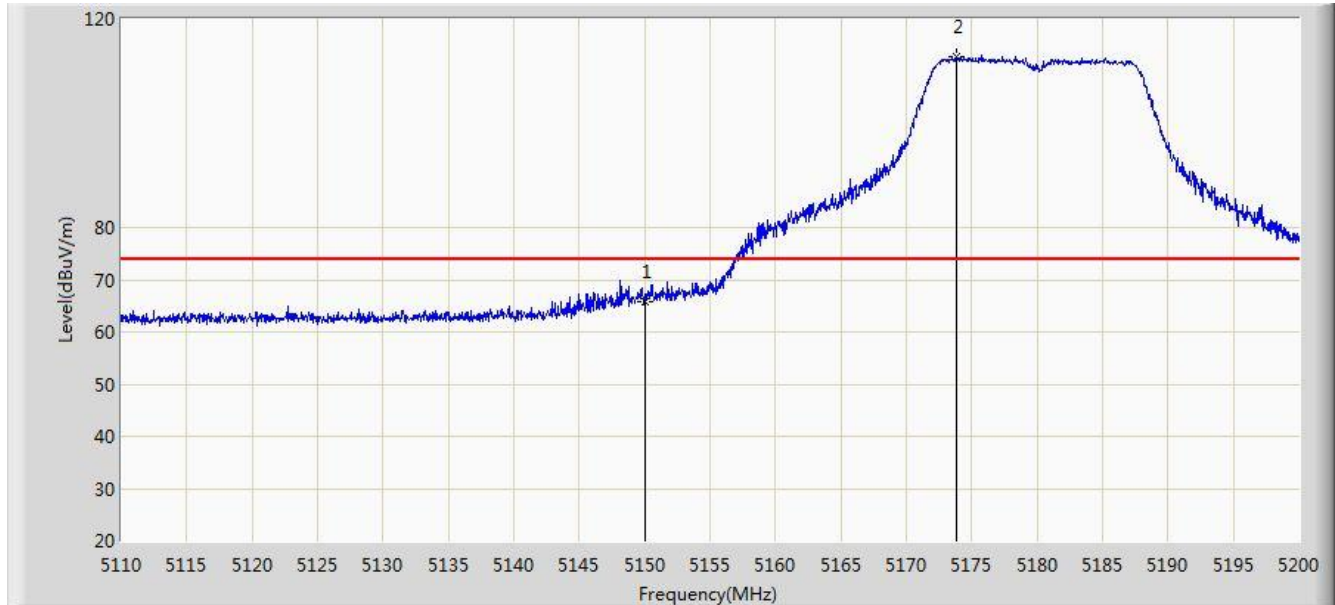
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	65.734	27.447	-8.266	74.000	38.287	PK
2		*	5173.810	112.801	74.565	N/A	N/A	38.235	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	
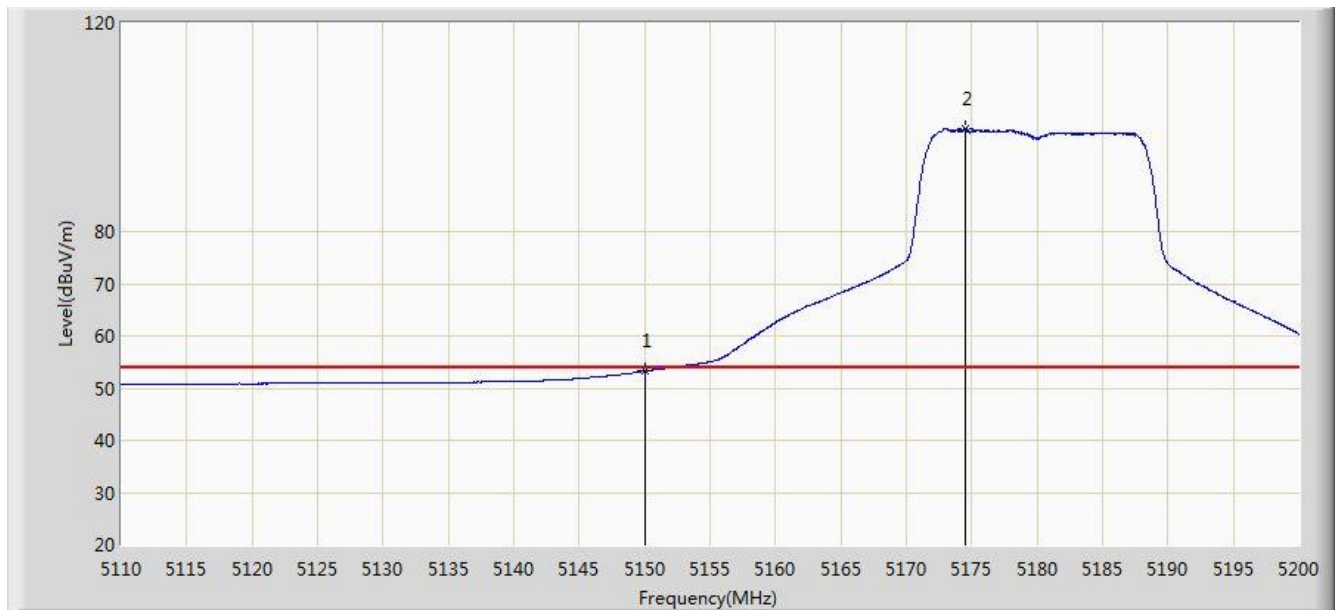
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.255	14.968	-0.745	54.000	38.287	AV
2		*	5174.485	99.685	61.451	N/A	N/A	38.234	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	
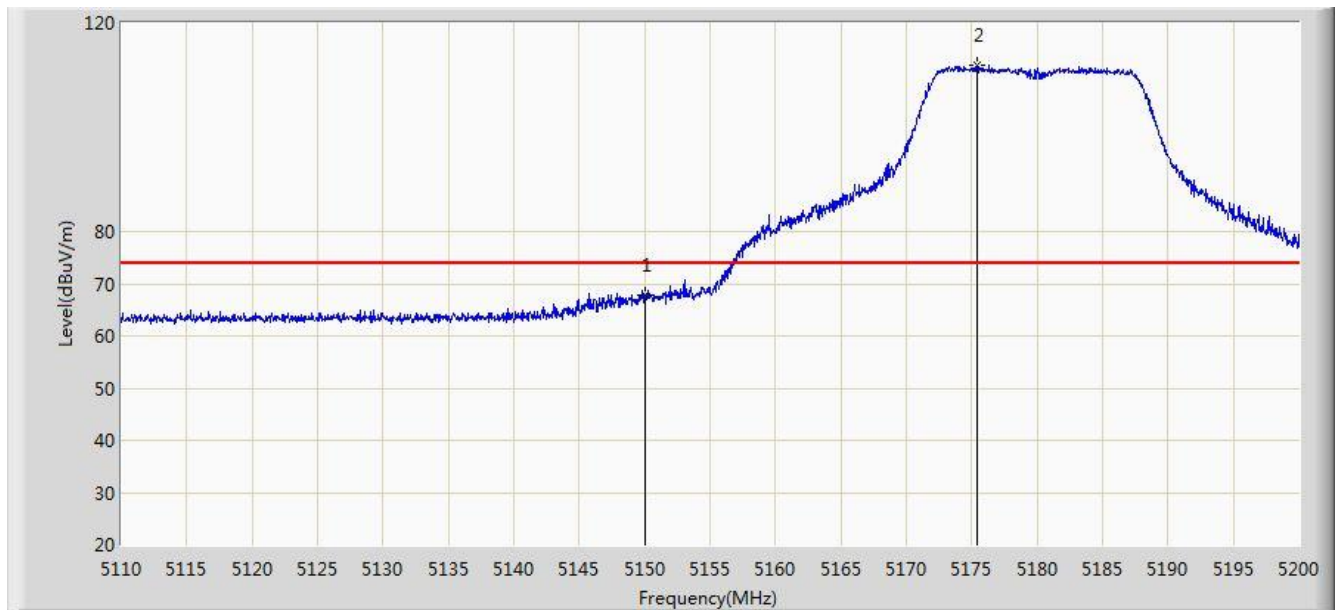
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Over Limit (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5150.000	67.689	29.402	-6.311	74.000	38.287	PK
2		*	5175.385	111.806	73.574	N/A	N/A	38.232	PK

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

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

Site: AC 1	Time: 2015/07/04 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	
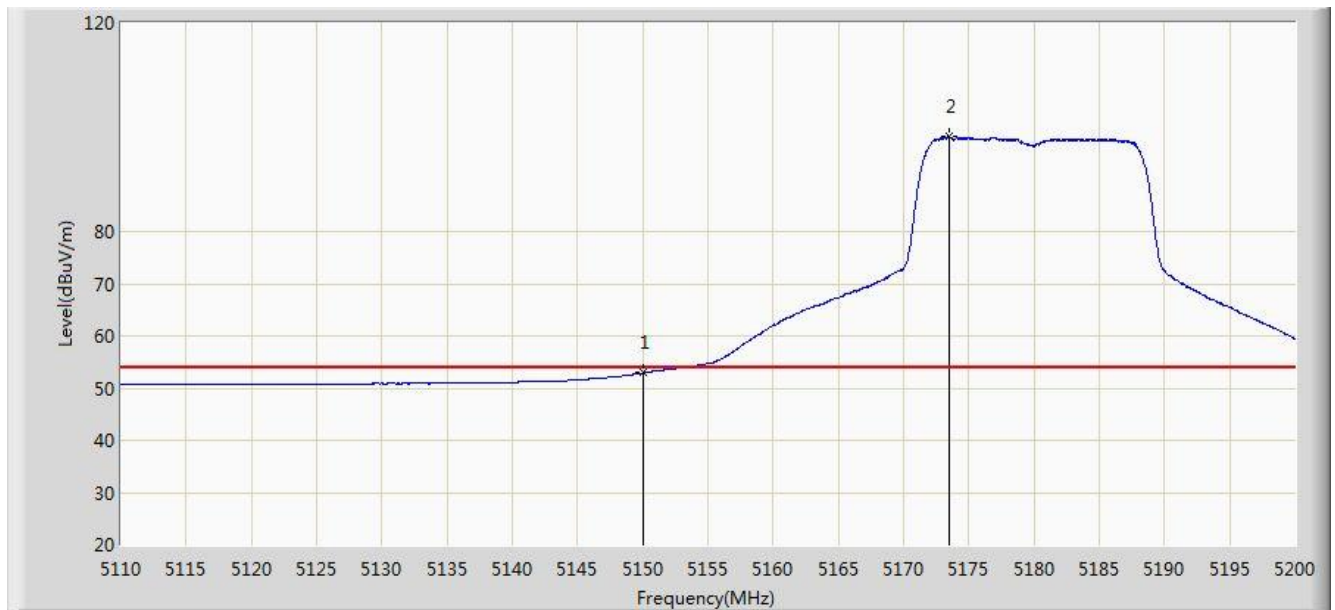
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.905	14.618	-1.095	54.000	38.287	AV
2		*	5173.495	98.195	59.959	N/A	N/A	38.237	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	
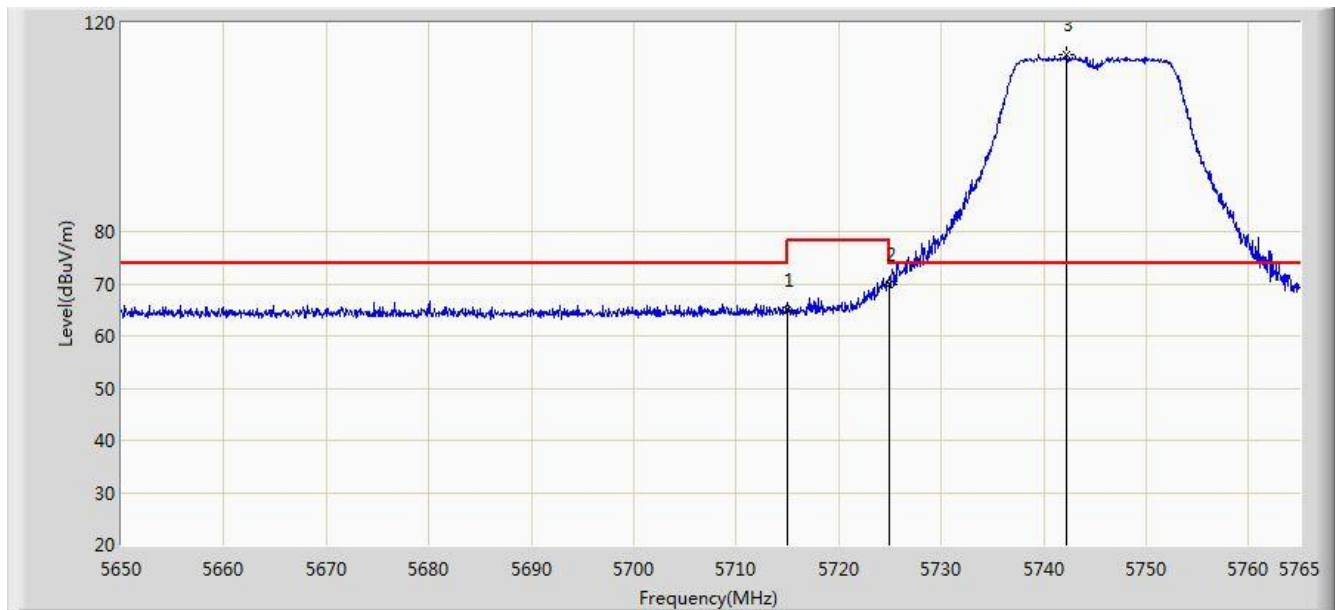
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.901	26.063	-9.099	74.000	38.838	PK
2			5725.000	69.747	30.857	-8.453	78.200	38.890	PK
3		*	5742.288	113.797	74.818	N/A	N/A	38.979	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	
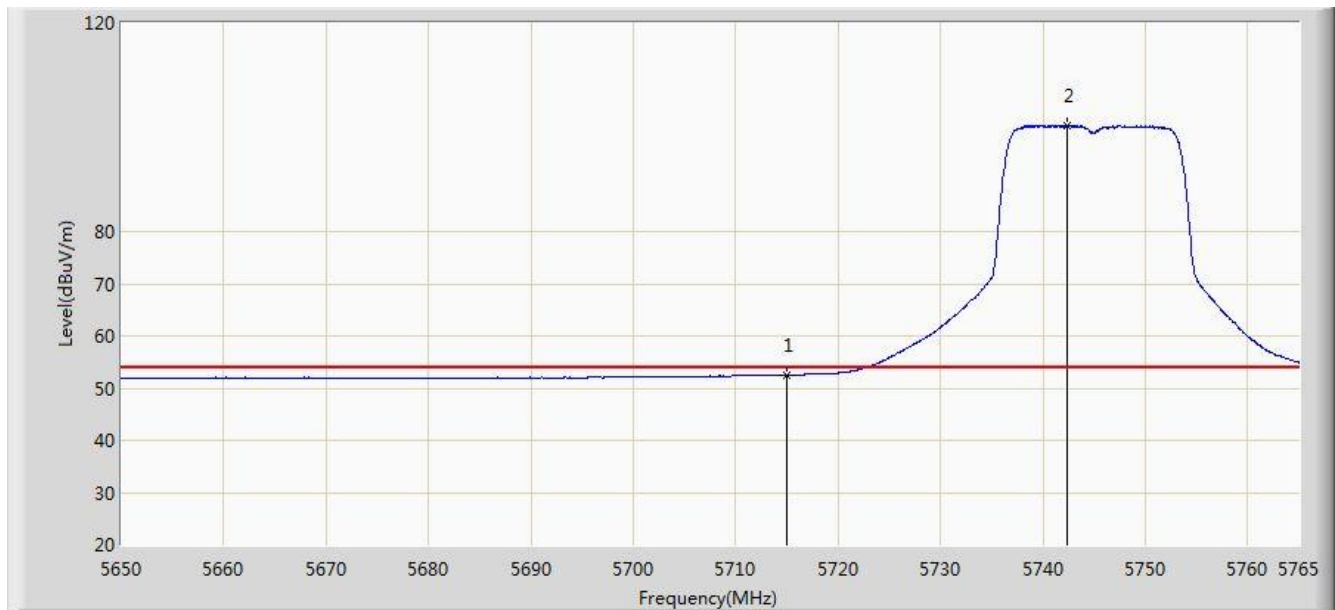
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.504	13.666	-1.496	54.000	38.838	AV
2		*	5742.345	100.283	61.304	N/A	N/A	38.979	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	
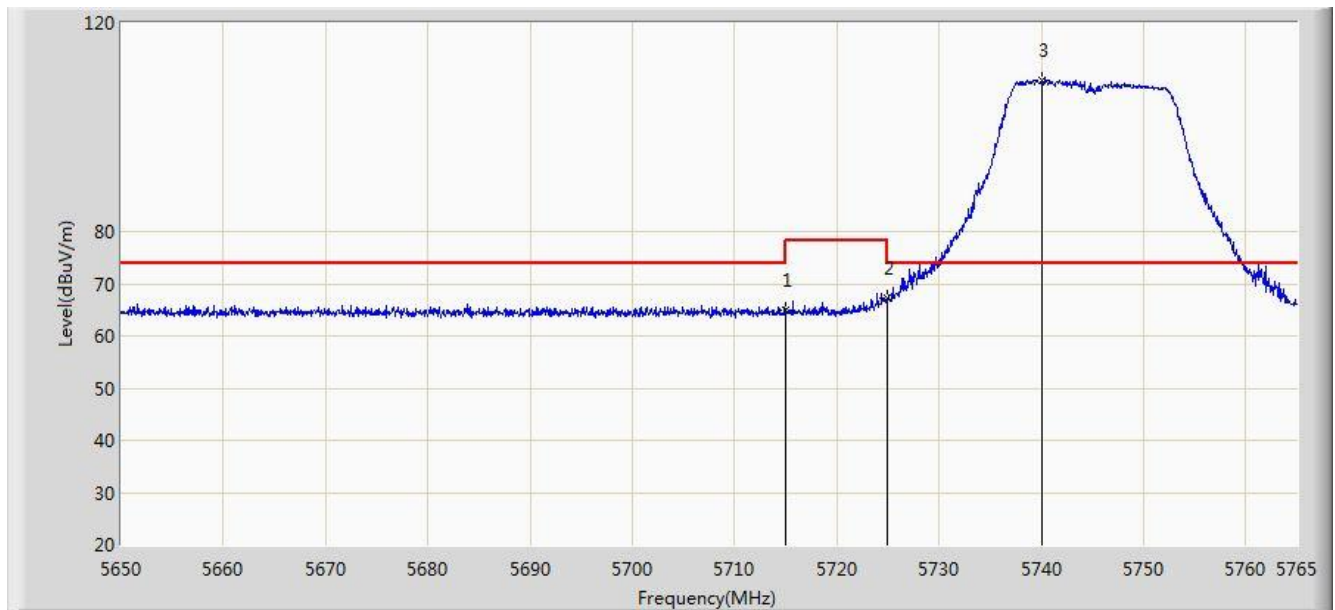
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.794	25.956	-9.206	74.000	38.838	PK
2			5725.000	67.165	28.275	-11.035	78.200	38.890	PK
3		*	5740.045	109.057	70.089	N/A	N/A	38.968	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	
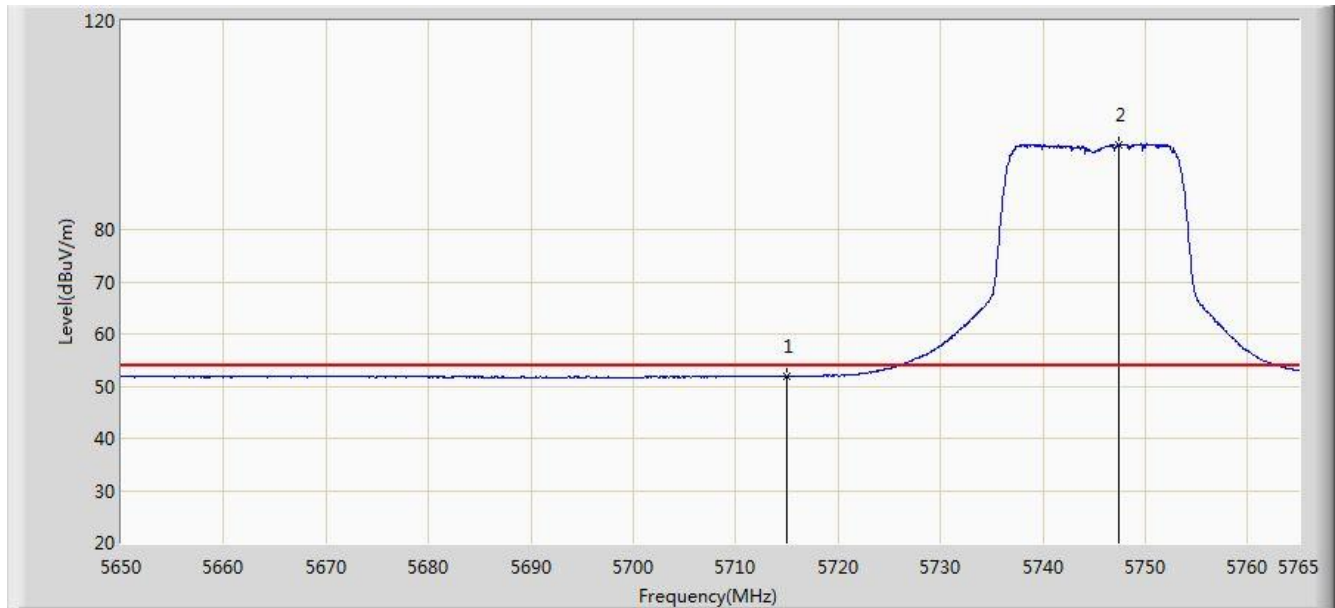
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.858	13.020	-2.142	54.000	38.838	AV
2		*	5747.462	96.267	57.263	N/A	N/A	39.004	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	
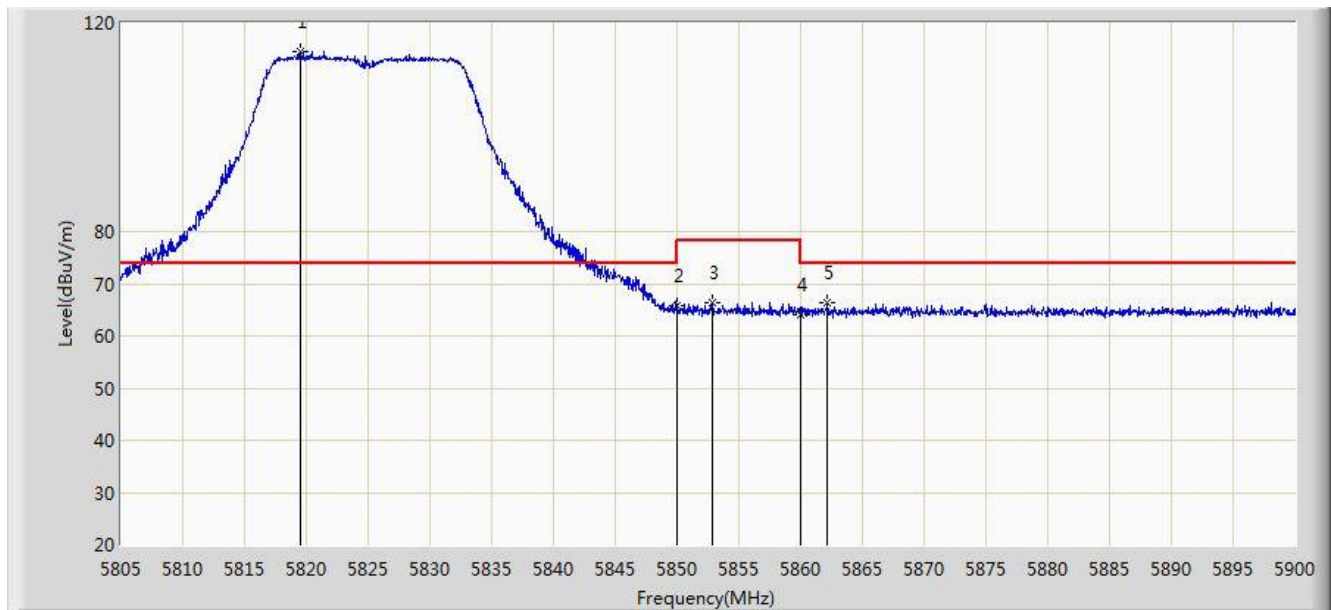
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1		*	5819.487	114.363	75.071	N/A	N/A	39.292	PK
2			5850.000	65.799	26.418	-12.401	78.200	39.381	PK
3			5852.833	66.468	27.083	-11.732	78.200	39.386	PK
4			5860.000	64.130	24.734	-9.870	74.000	39.396	PK
5			5862.190	66.511	27.111	-7.489	74.000	39.400	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	
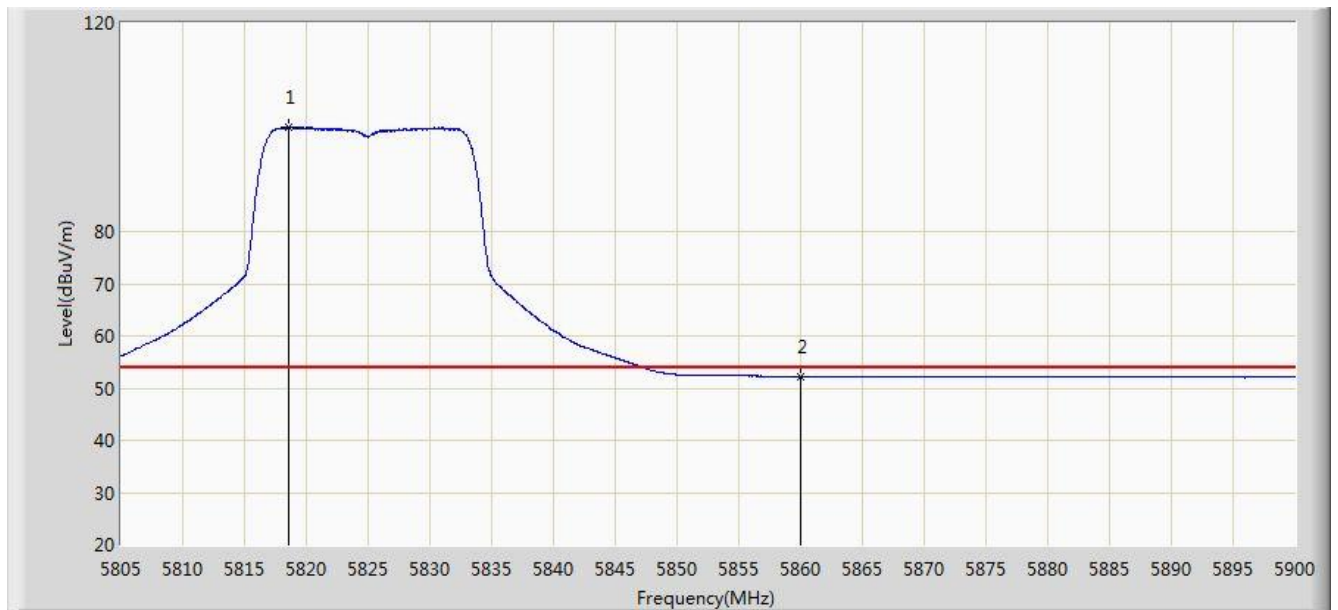
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.538	99.971	60.682	N/A	N/A	39.289	AV
2			5860.000	52.231	12.835	-1.769	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	
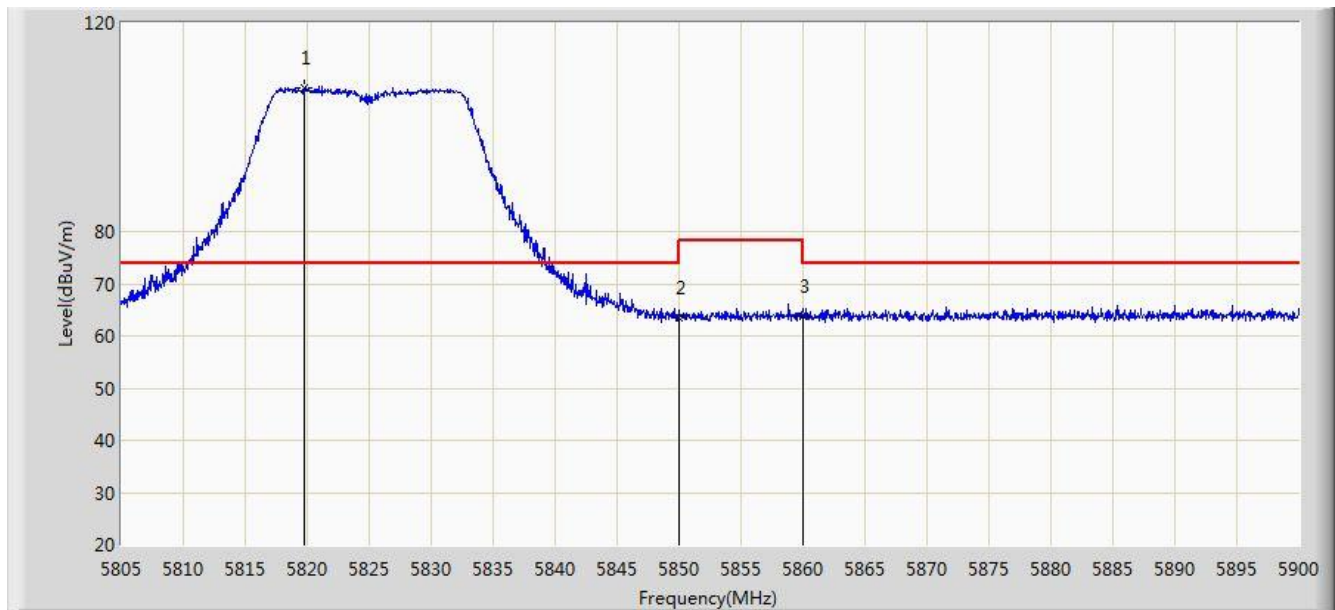
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.820	107.633	68.340	N/A	N/A	39.293	PK
2			5850.000	63.600	24.219	-14.600	78.200	39.381	PK
3			5860.000	63.758	24.362	-10.242	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	
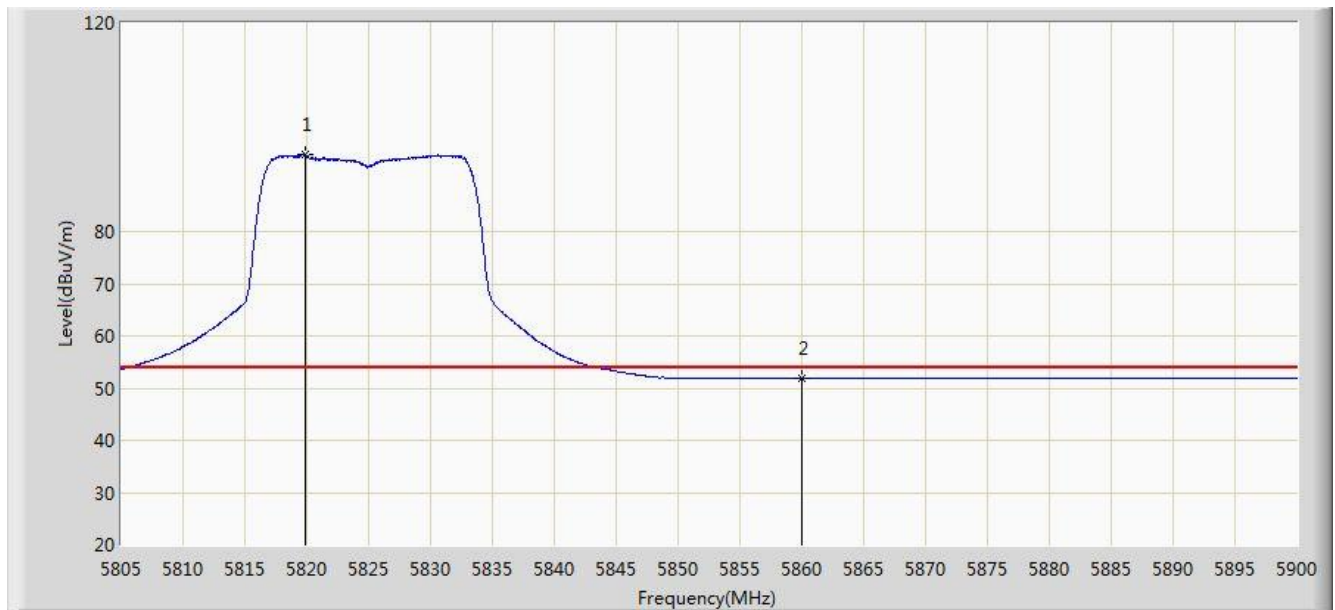
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	94.726	55.433	N/A	N/A	39.294	AV
2			5860.000	51.821	12.425	-2.179	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	
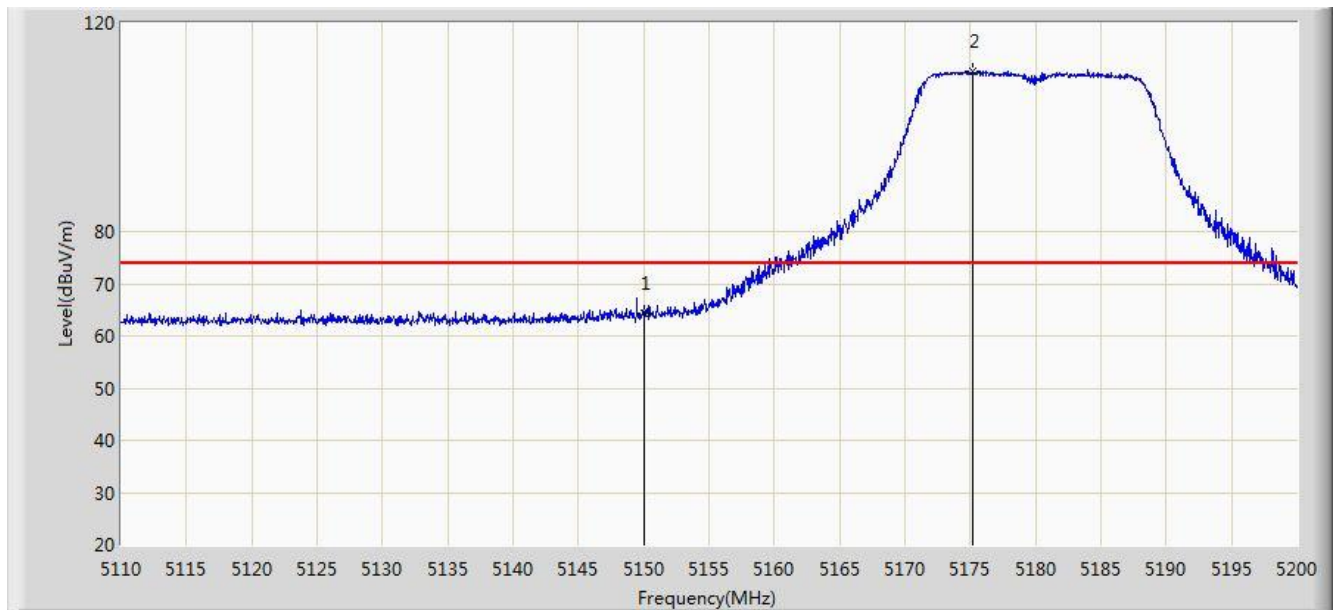
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.378	26.091	-9.622	74.000	38.287	PK
2		*	5175.160	110.657	72.425	N/A	N/A	38.233	PK

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

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

Site: AC 1	Time: 2015/07/04 - 11:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	
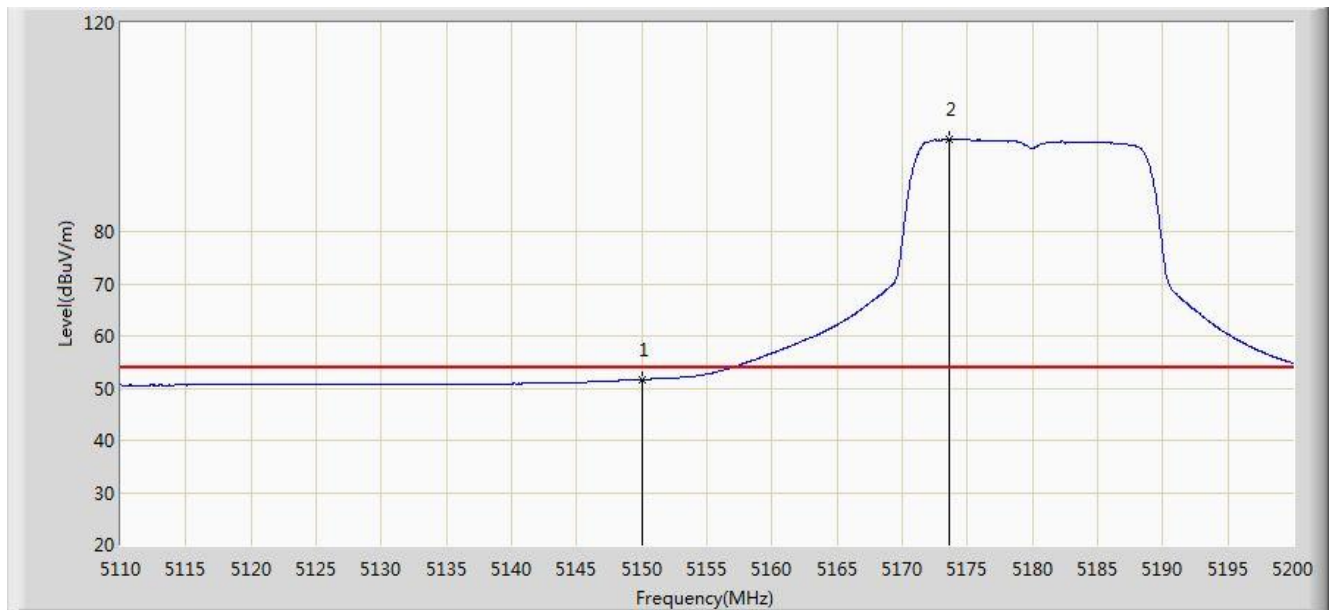
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.636	13.349	-2.364	54.000	38.287	AV
2		*	5173.630	97.753	59.517	N/A	N/A	38.236	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	
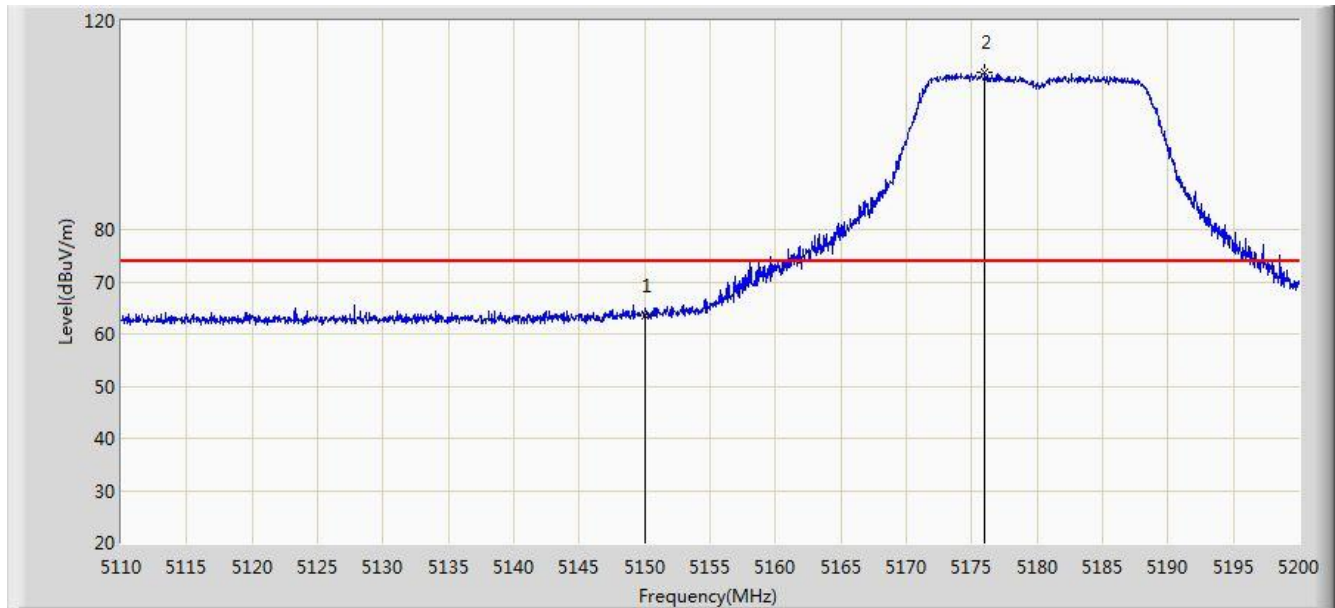
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.461	25.174	-10.539	74.000	38.287	PK
2		*	5175.970	110.254	72.024	N/A	N/A	38.230	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	
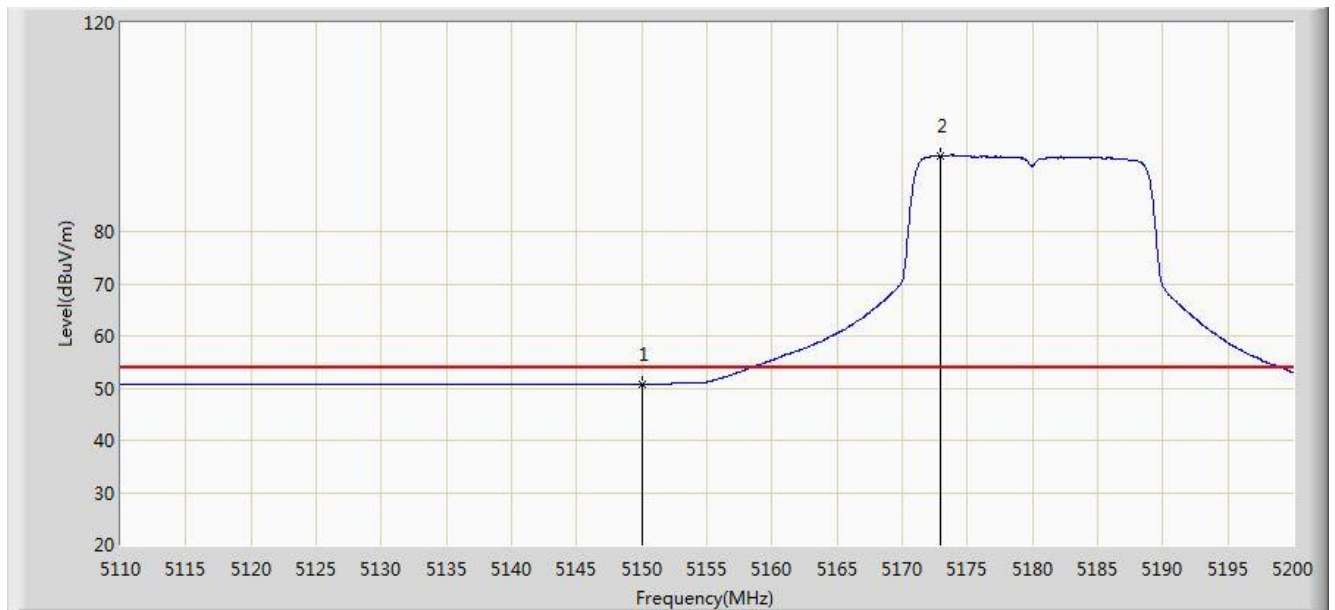
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.806	12.519	-3.194	54.000	38.287	AV
2		*	5172.955	94.530	56.292	N/A	N/A	38.237	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	
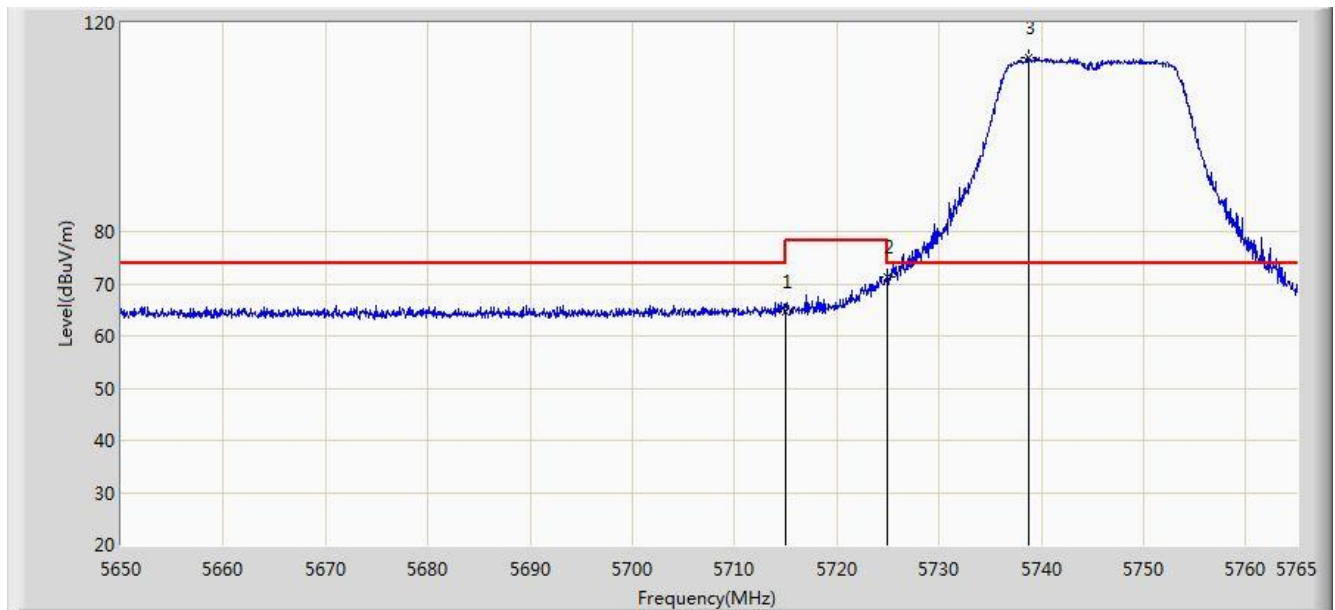
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.626	25.788	-9.374	74.000	38.838	PK
2			5725.000	71.249	32.359	-6.951	78.200	38.890	PK
3		*	5738.837	113.446	74.484	N/A	N/A	38.962	PK

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

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

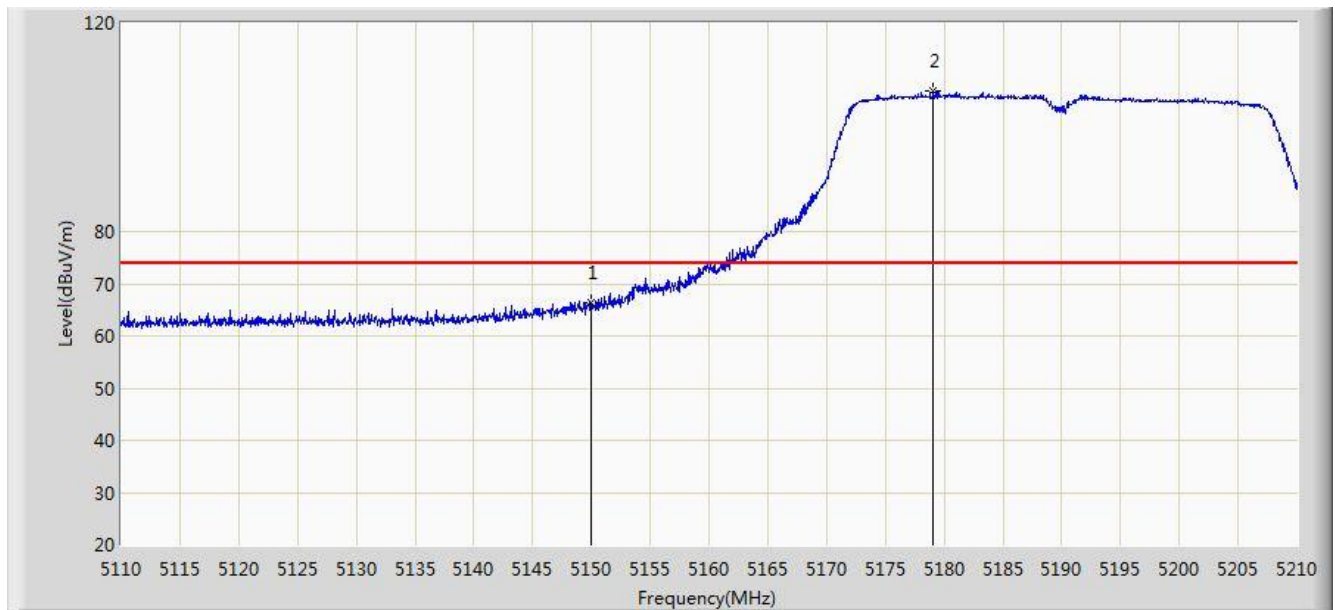| Site: AC 1	Time: 2015/07/04 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	
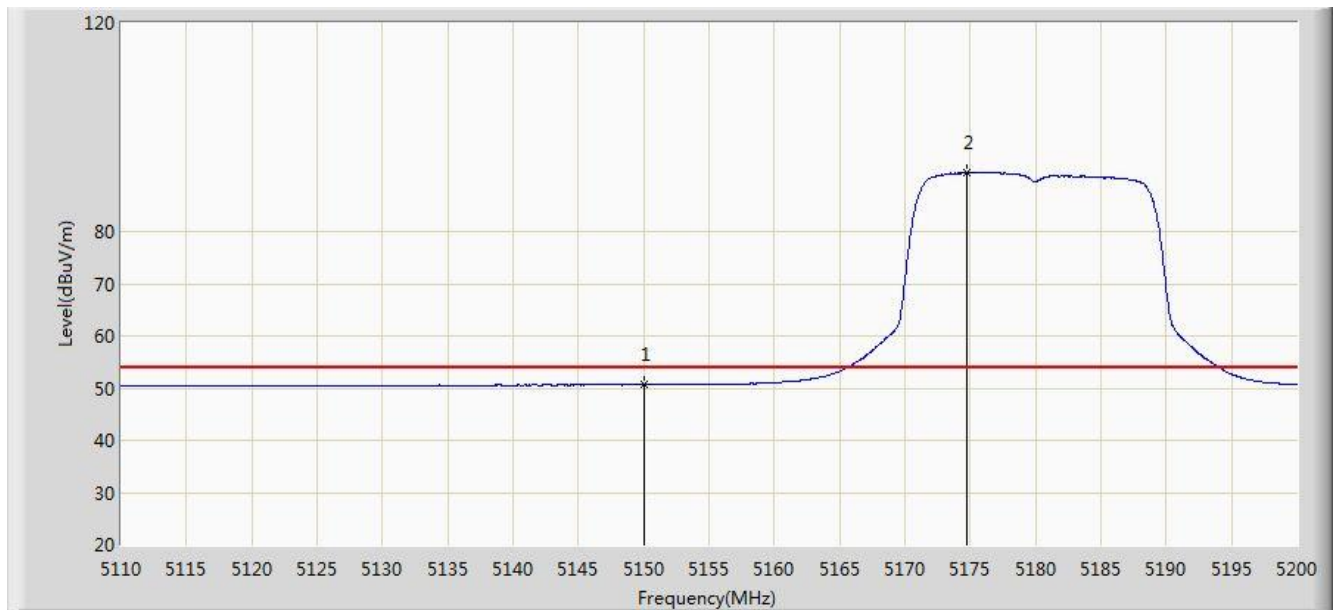
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.661	12.374	-3.339	54.000	38.287	AV
2		*	5174.755	91.358	53.125	N/A	N/A	38.233	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	
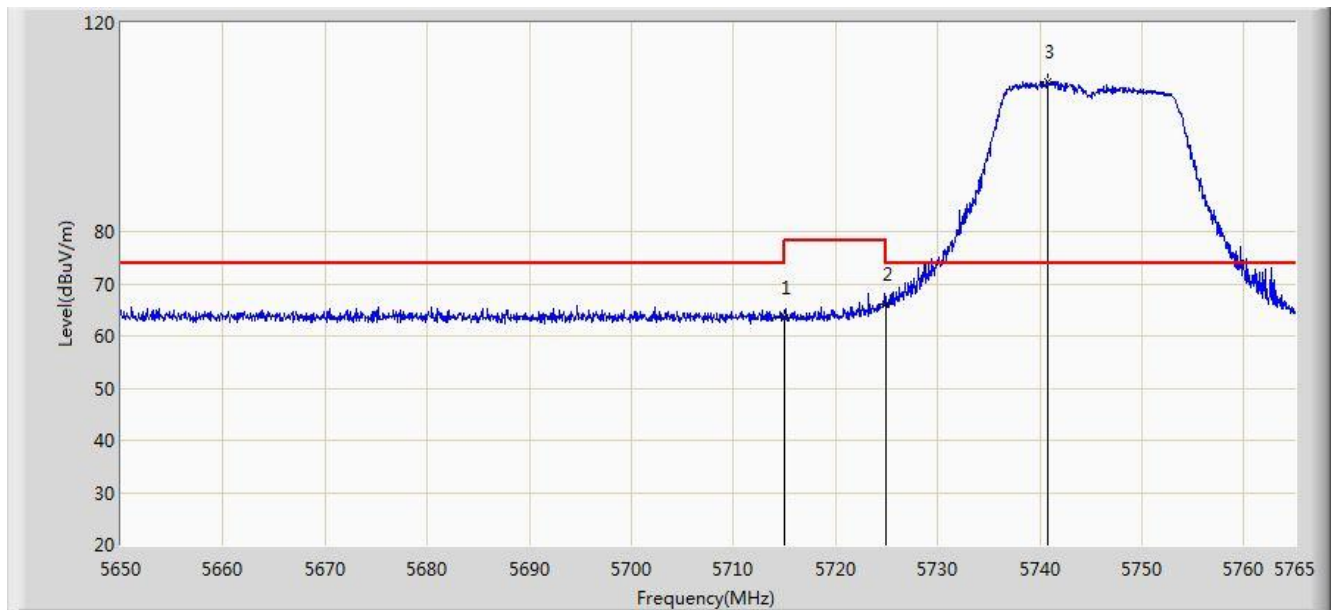
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.351	24.513	-10.649	74.000	38.838	PK
2			5725.000	66.138	27.248	-12.062	78.200	38.890	PK
3		*	5740.850	108.667	69.695	N/A	N/A	38.972	PK

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

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

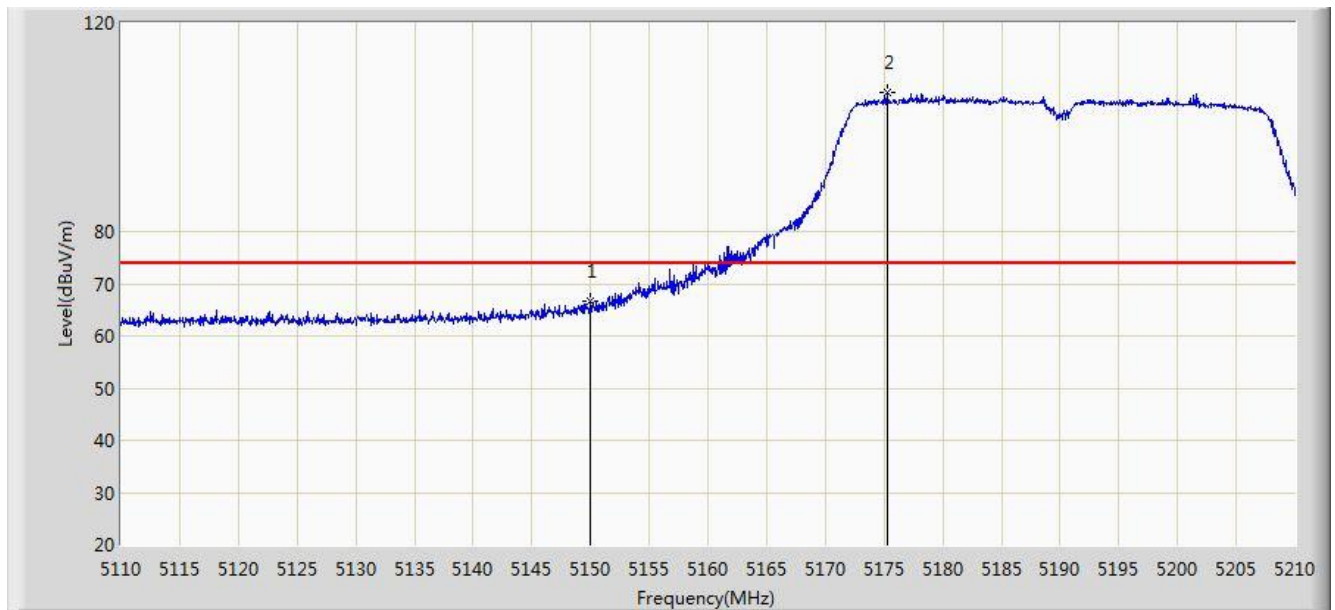| Site: AC 1	Time: 2015/07/04 - 11:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	
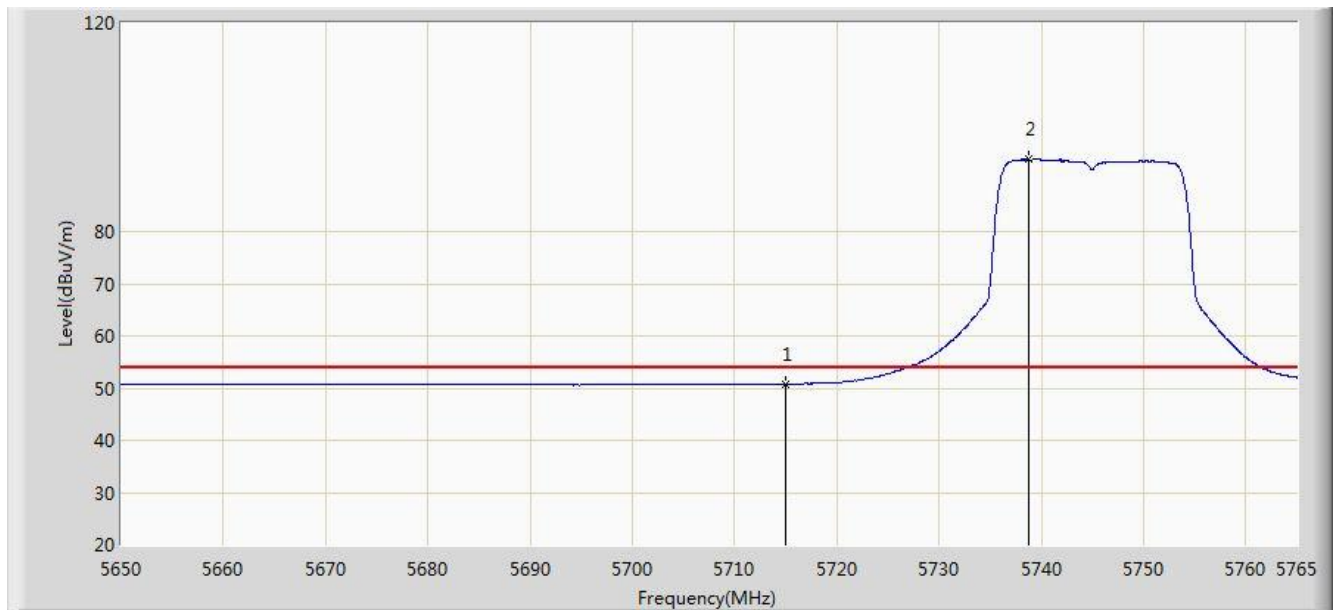
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.812	11.974	-3.188	54.000	38.838	AV
2		*	5738.837	93.789	54.827	N/A	N/A	38.962	AV

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

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

Site: AC 1	Time: 2015/07/04 - 11:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	
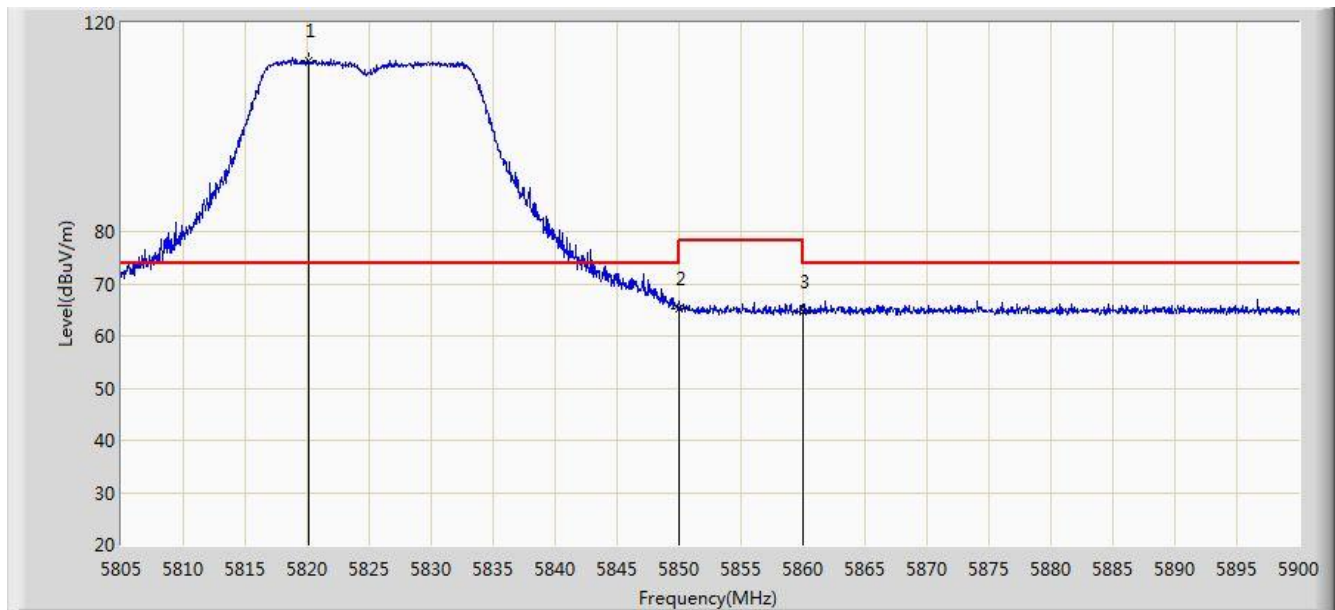
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.152	112.895	73.601	N/A	N/A	39.294	PK
2			5850.000	65.211	25.830	-12.989	78.200	39.381	PK
3			5860.000	64.574	25.178	-9.426	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	
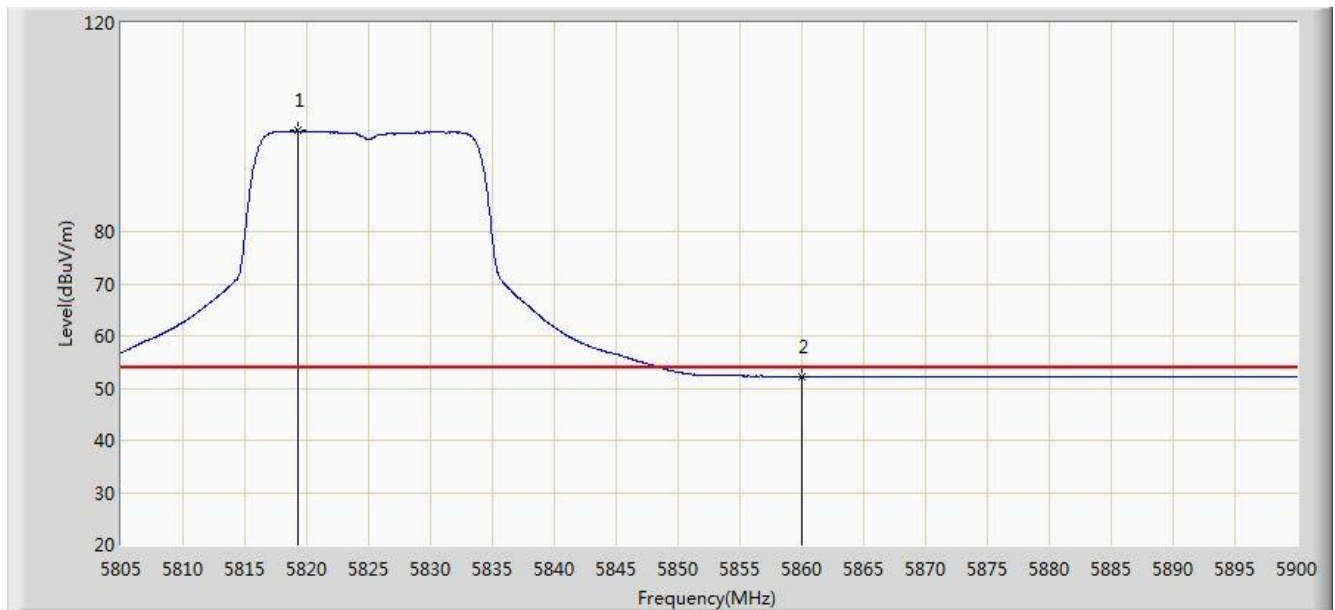
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	99.357	60.065	N/A	N/A	39.292	AV
2			5860.000	52.228	12.832	-1.772	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 11:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	
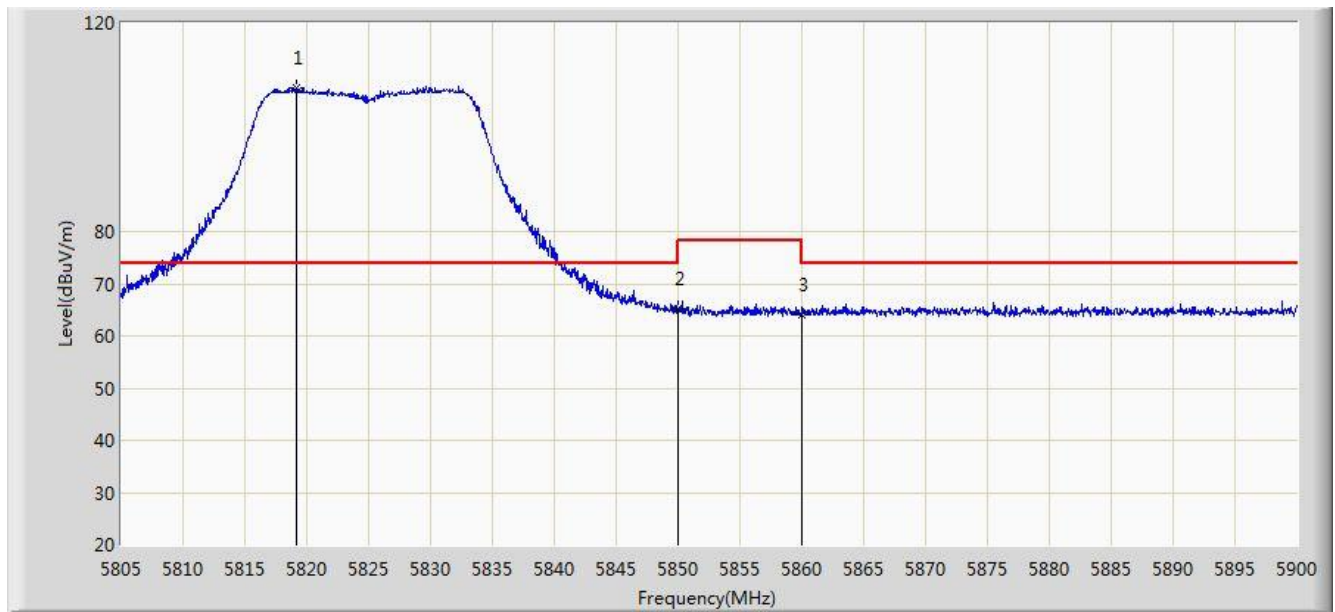
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.155	107.503	68.212	N/A	N/A	39.291	PK
2			5850.000	65.227	25.846	-12.973	78.200	39.381	PK
3			5860.000	64.117	24.721	-9.883	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 11:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	
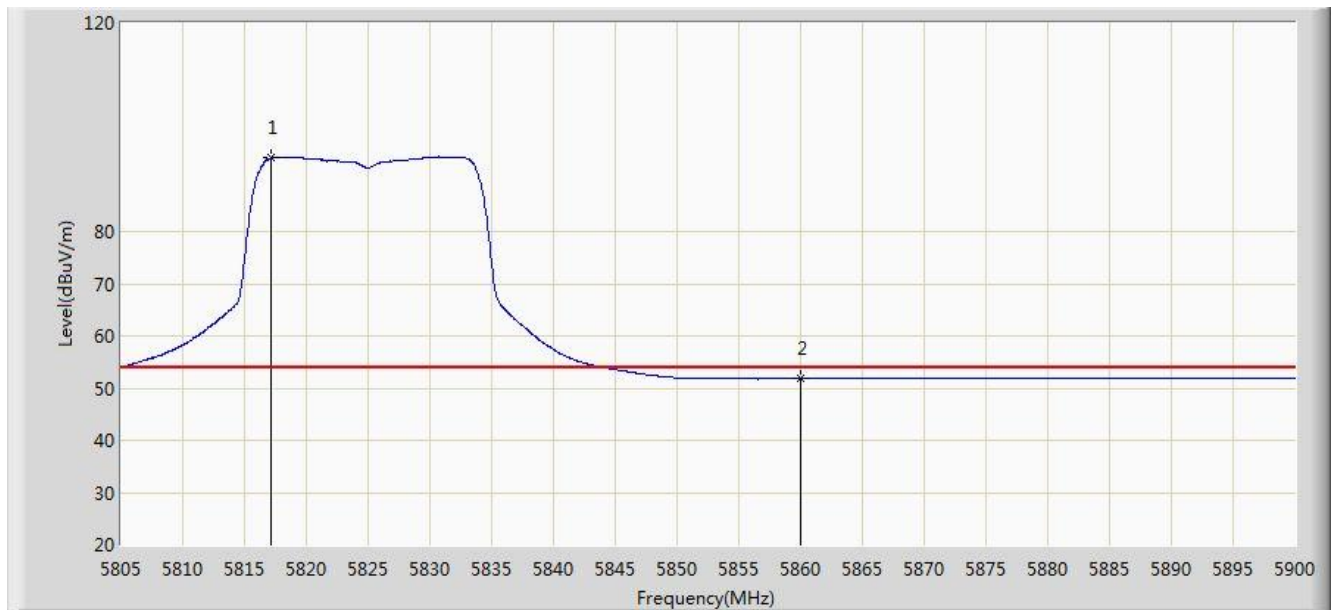
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5817.160	94.084	54.799	N/A	N/A	39.285	AV
2			5860.000	51.806	12.410	-2.194	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 12:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5190MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.344	28.057	-7.656	74.000	38.287	PK
2		*	5179.050	107.038	68.815	N/A	N/A	38.222	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 12:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5190MHz Ant 1	
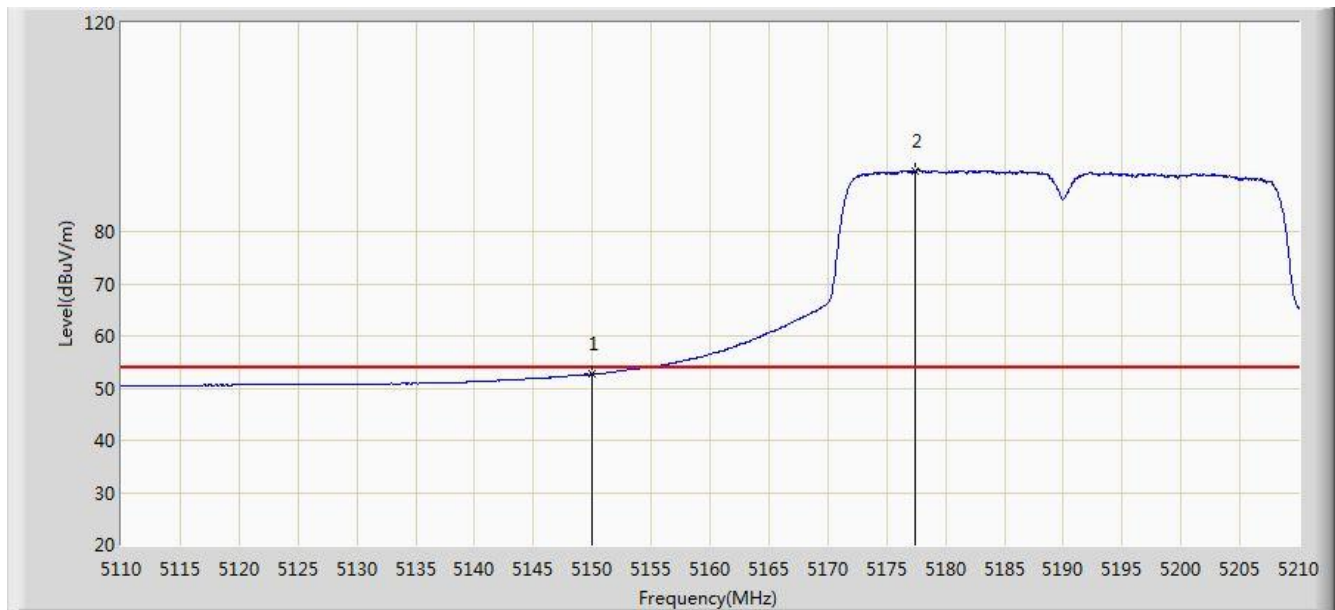
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.652	14.365	-1.348	54.000	38.287	AV
2		*	5177.450	91.662	53.435	N/A	N/A	38.227	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 12:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5190MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.628	28.341	-7.372	74.000	38.287	PK
2		*	5175.250	106.546	68.314	N/A	N/A	38.232	PK

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

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

Site: AC 1	Time: 2015/07/04 - 12:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5190MHz Ant 1	
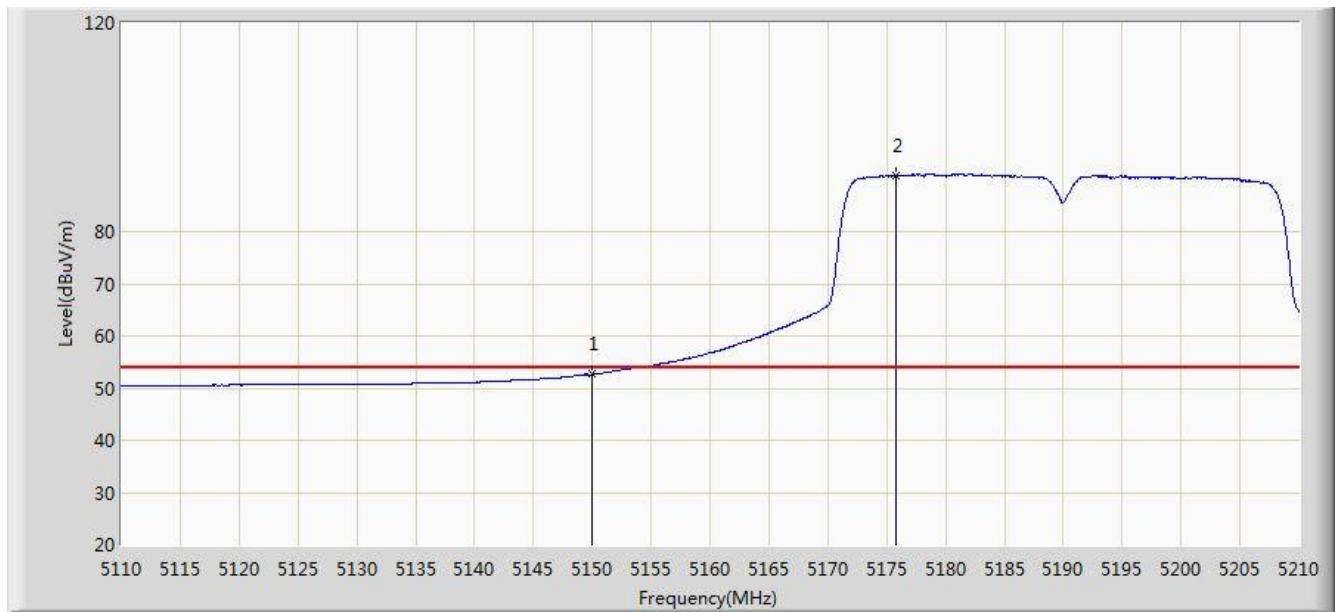
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.616	14.329	-1.384	54.000	38.287	AV
2		*	5175.750	90.770	52.539	N/A	N/A	38.231	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5755MHz Ant 1	
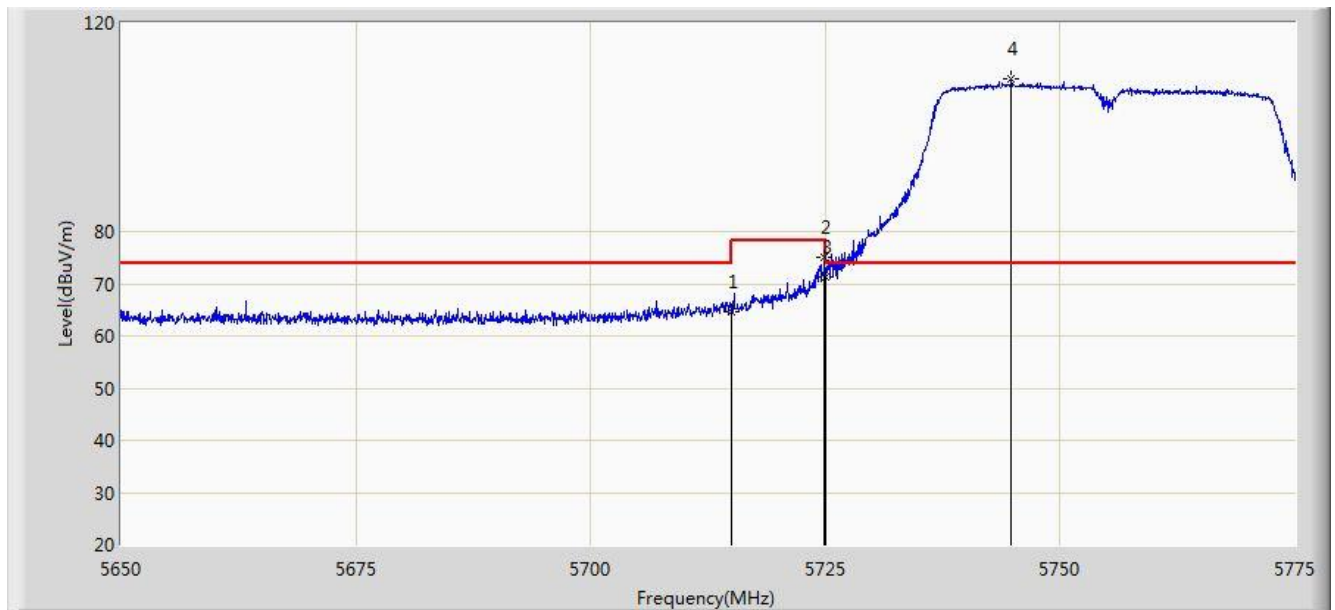
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.513	25.675	-9.487	74.000	38.838	PK
2			5724.937	75.095	36.206	-3.105	78.200	38.890	PK
3			5725.000	71.233	32.343	-6.967	78.200	38.890	PK
4		*	5744.812	109.339	70.348	N/A	N/A	38.991	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5755MHz Ant 1	
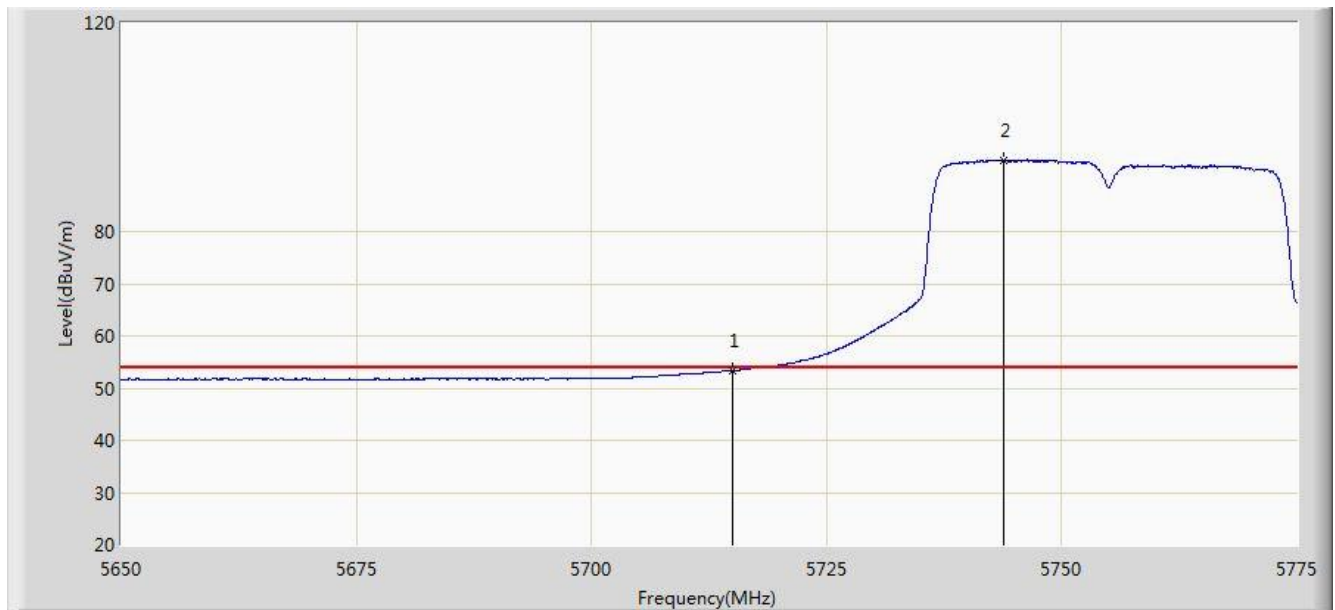
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.359	14.521	-0.641	54.000	38.838	AV
2		*	5743.812	93.606	54.620	N/A	N/A	38.986	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5755MHz Ant 1	
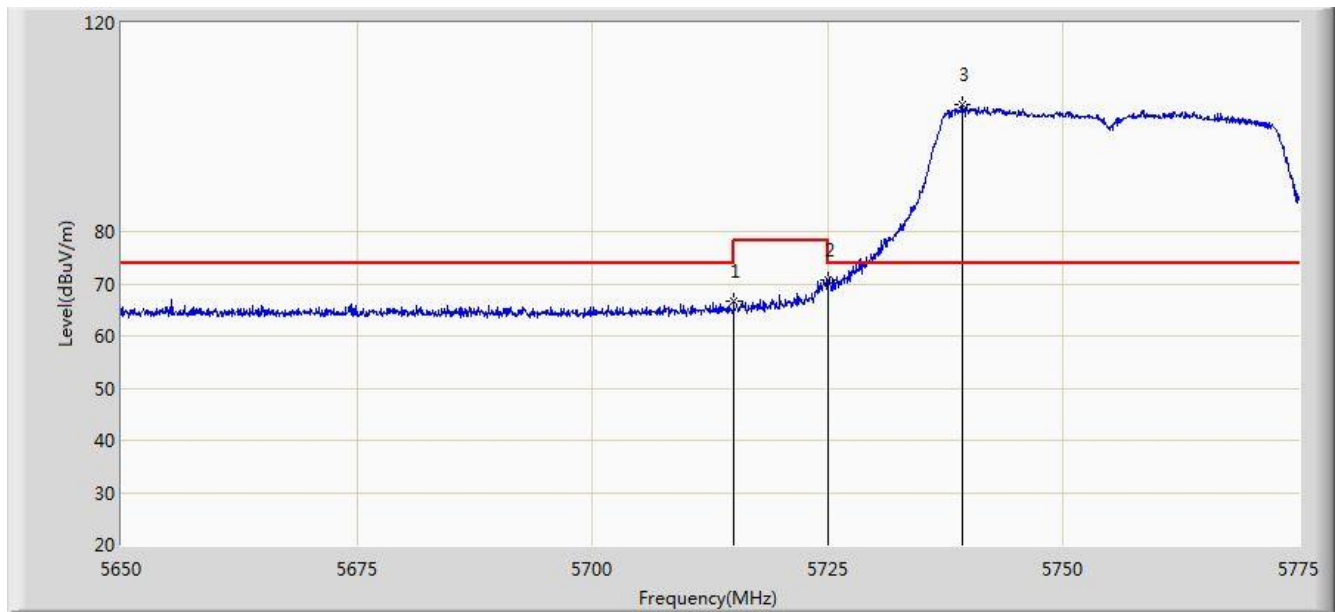
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.668	27.830	-7.332	74.000	38.838	PK
2			5725.000	70.852	31.962	-7.348	78.200	38.890	PK
3		*	5739.250	104.400	65.436	N/A	N/A	38.964	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5755MHz Ant 1	
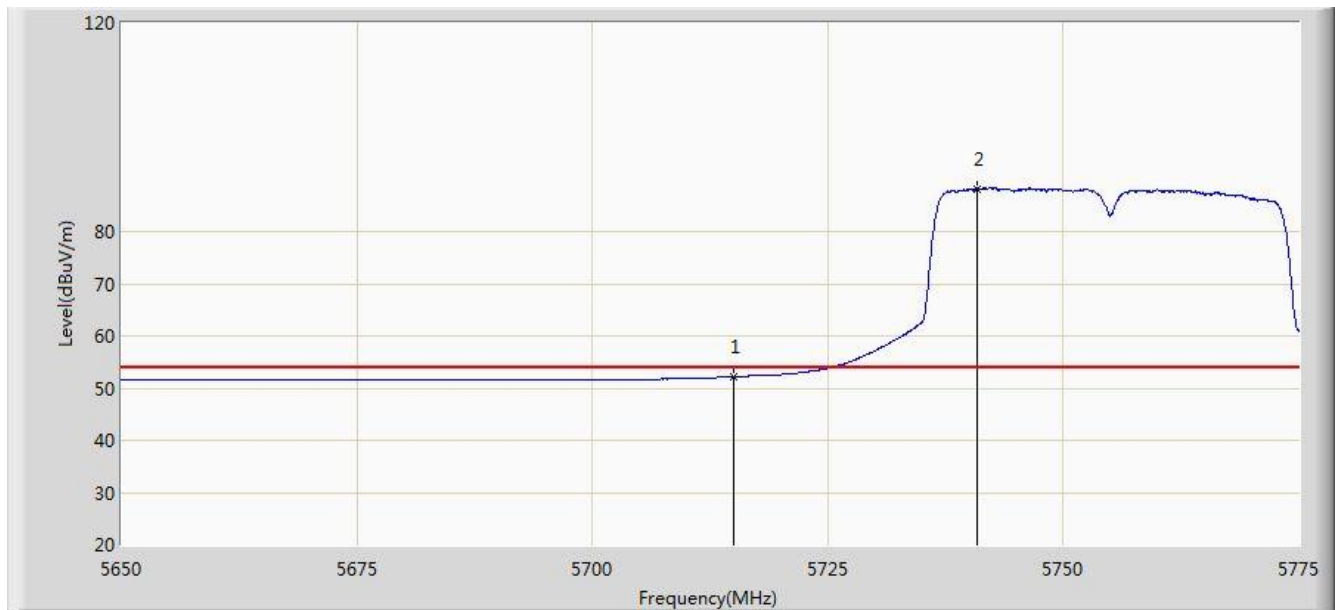
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.128	13.290	-1.872	54.000	38.838	AV
2		*	5740.812	88.215	49.243	N/A	N/A	38.972	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5795MHz Ant 1	
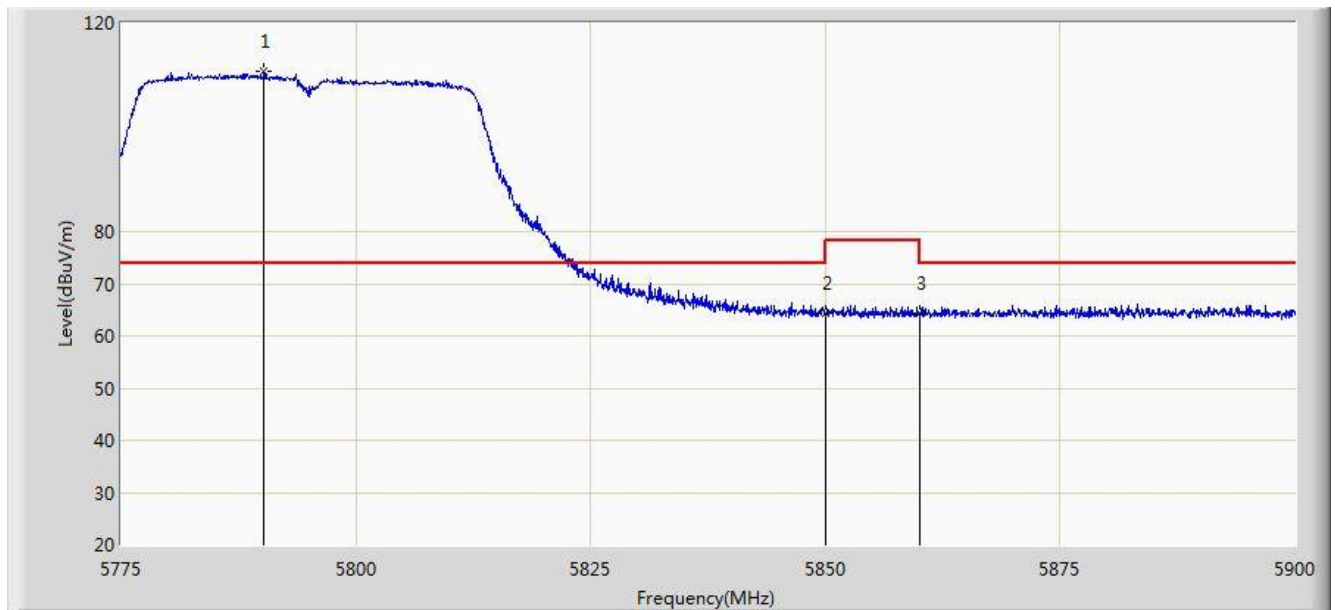
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.187	110.720	71.531	N/A	N/A	39.190	PK
2			5850.000	64.460	25.079	-13.740	78.200	39.381	PK
3			5860.000	64.382	24.986	-9.618	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5795MHz Ant 1	
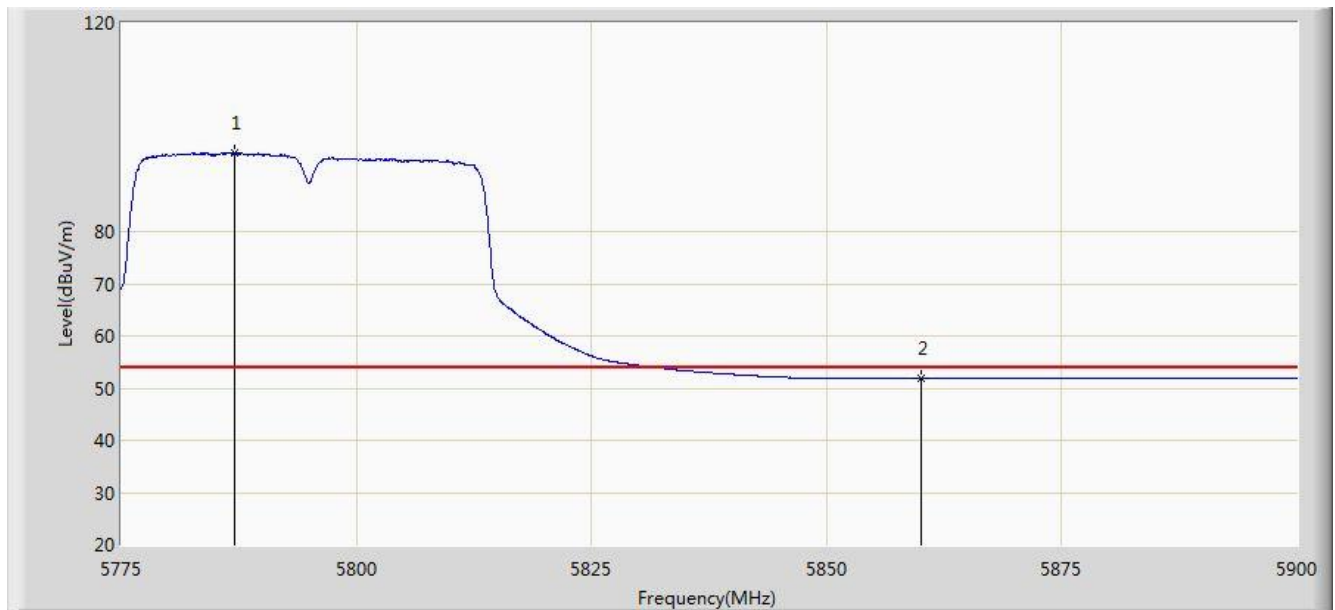
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.000	95.060	55.884	N/A	N/A	39.176	AV
2			5860.000	51.865	12.469	-2.135	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5795MHz Ant 1	
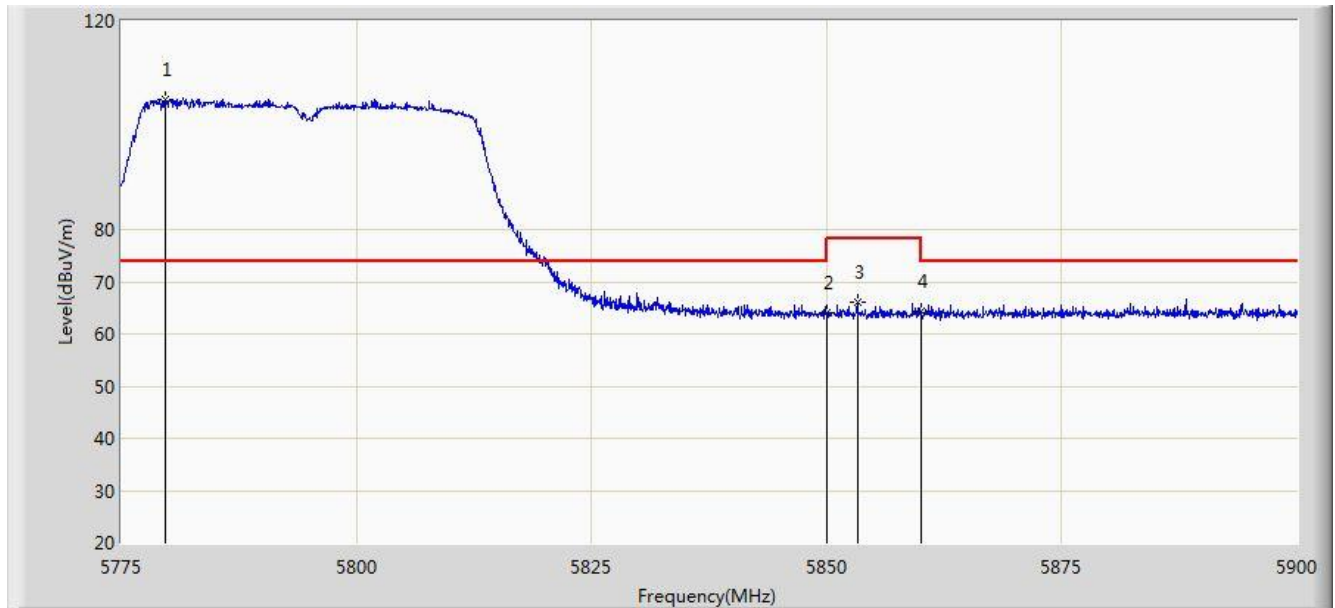
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5779.687	104.995	65.850	N/A	N/A	39.145	PK
2			5850.000	63.983	24.602	-14.217	78.200	39.381	PK
3			5853.312	65.952	26.566	-12.248	78.200	39.386	PK
4			5860.000	64.238	24.842	-9.762	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5795MHz Ant 1	
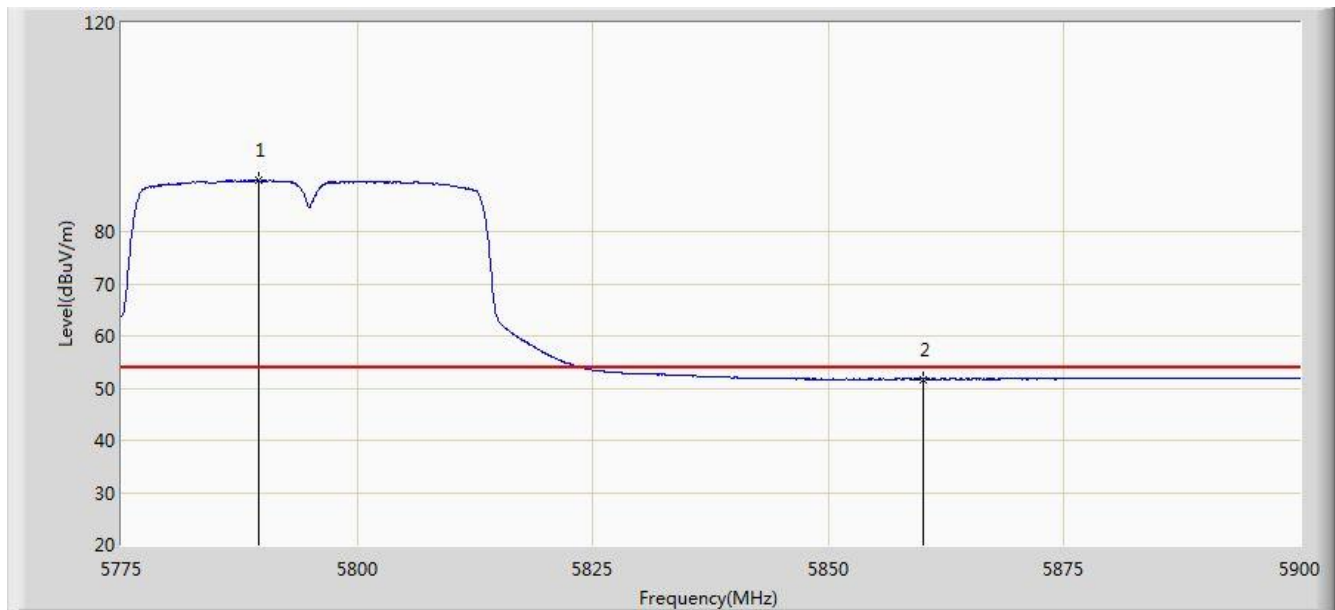
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.625	89.739	50.552	N/A	N/A	39.187	AV
2			5860.000	51.733	12.337	-2.267	54.000	39.396	AV

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

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

Site: AC 1	Time: 2015/07/04 - 13:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	
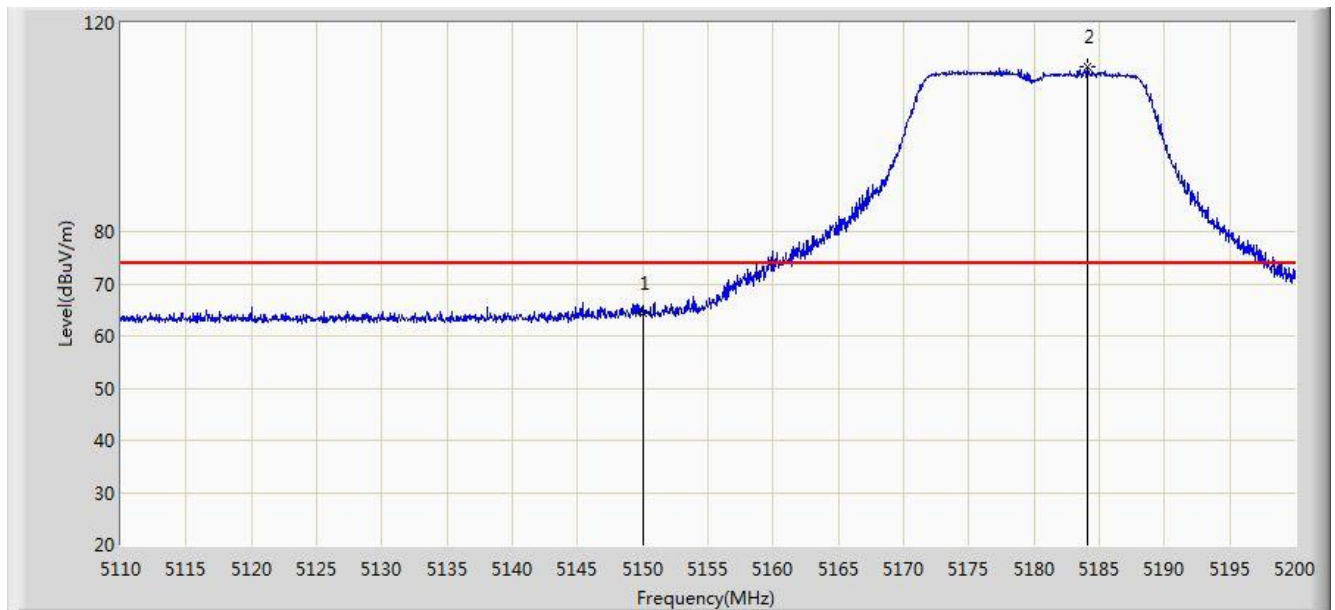
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.340	26.053	-9.660	74.000	38.287	PK
2		*	5184.070	111.463	73.253	N/A	N/A	38.210	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	
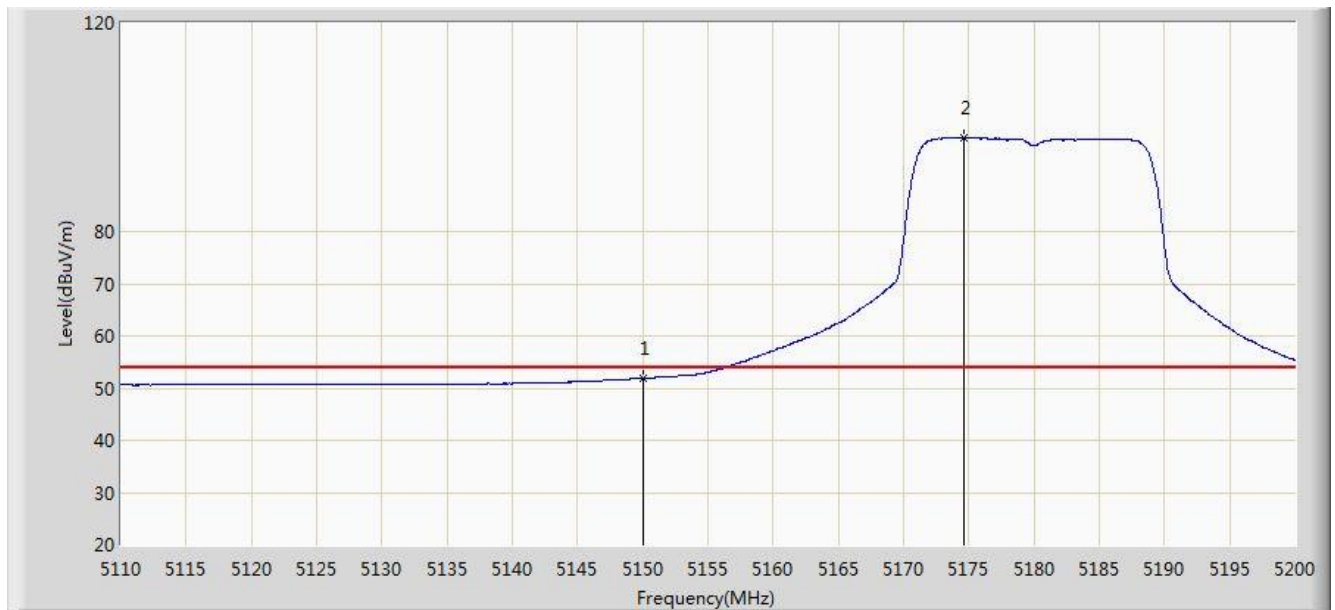
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			5150.000	51.944	13.657	-2.056	54.000	38.287	AV
2		*	5174.620	97.982	59.748	N/A	N/A	38.234	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	
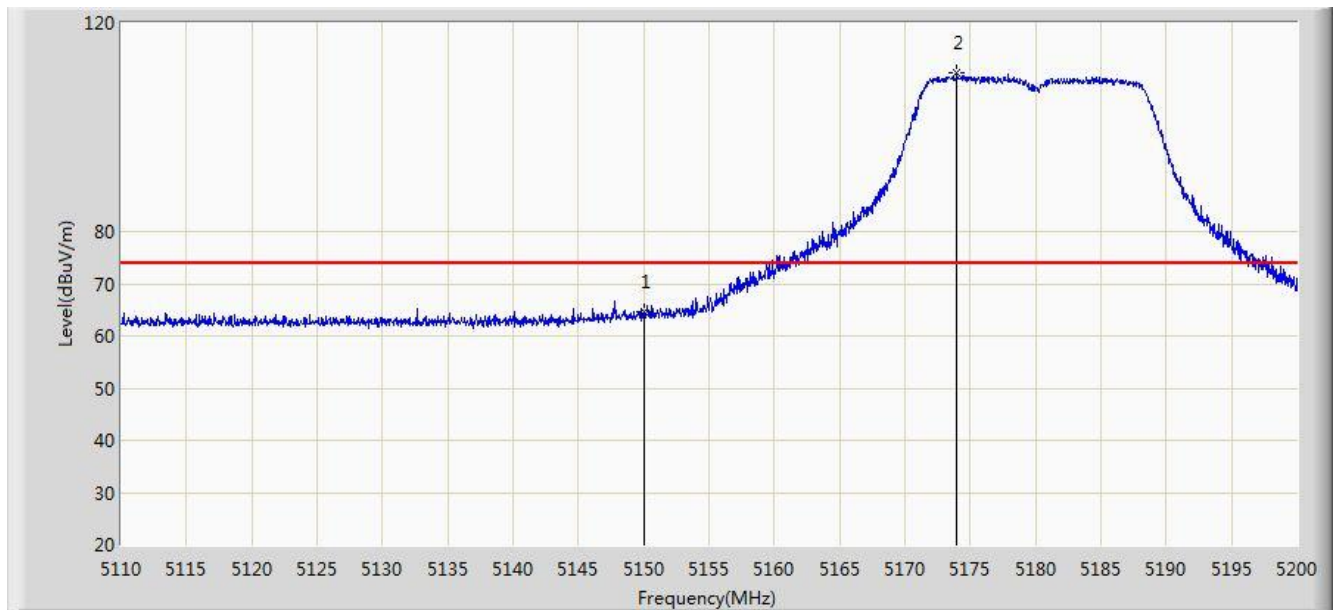
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	64.574	26.287	-9.426	74.000	38.287	PK
2		*	5173.945	110.473	72.238	N/A	N/A	38.235	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	
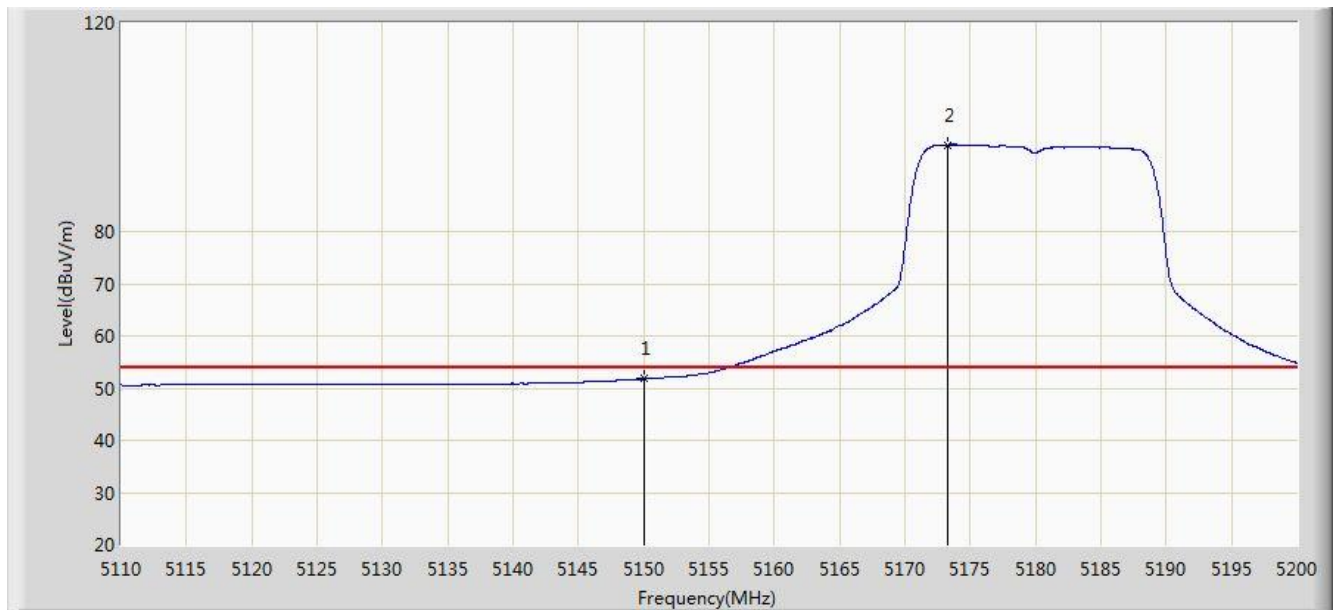
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.754	13.467	-2.246	54.000	38.287	AV
2		*	5173.225	96.582	58.345	N/A	N/A	38.237	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 1	
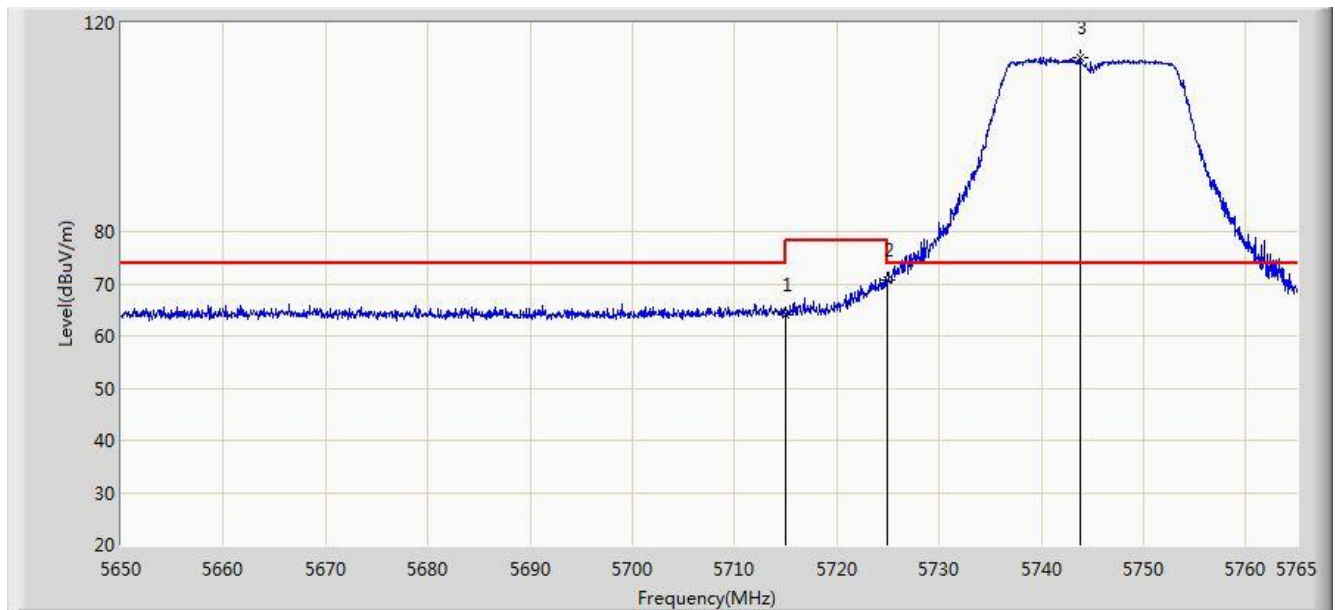
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.153	25.315	-9.847	74.000	38.838	PK
2			5725.000	70.808	31.918	-7.392	78.200	38.890	PK
3		*	5743.783	113.251	74.265	N/A	N/A	38.986	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 1	
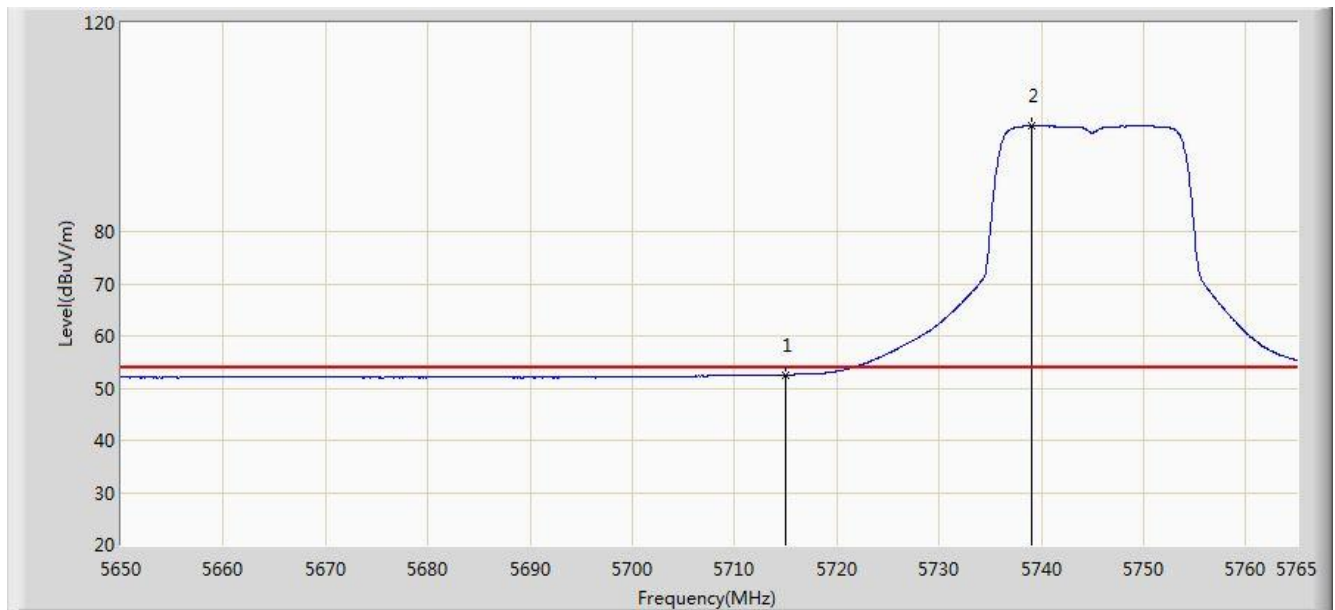
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.543	13.705	-1.457	54.000	38.838	AV
2		*	5739.010	100.254	61.291	N/A	N/A	38.962	AV

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

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

Site: AC 1	Time: 2015/07/04 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 1	
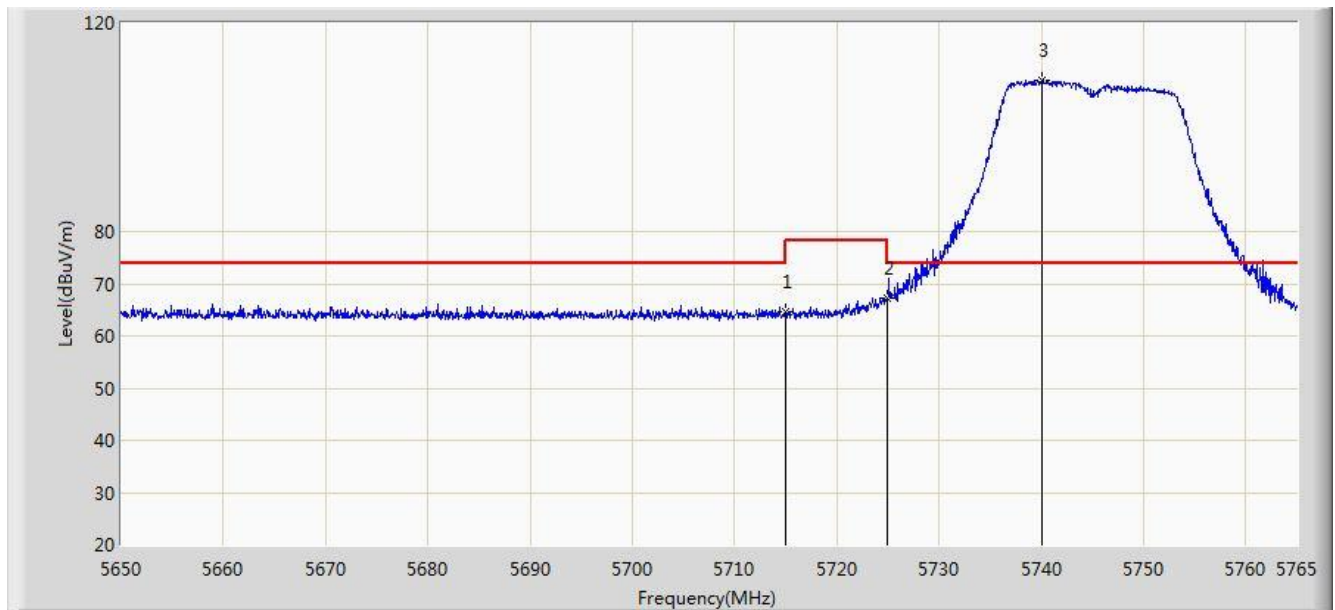
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.493	25.655	-9.507	74.000	38.838	PK
2			5725.000	67.367	28.477	-10.833	78.200	38.890	PK
3		*	5740.103	109.046	70.078	N/A	N/A	38.968	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 1	
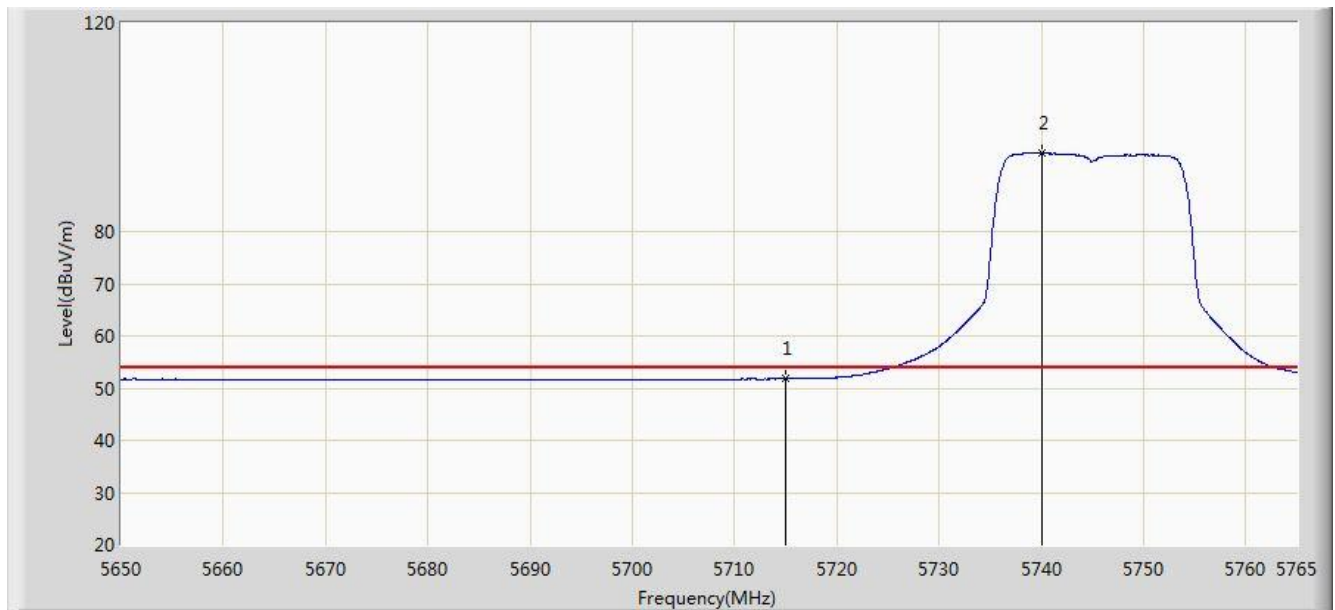
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.751	12.913	-2.249	54.000	38.838	AV
2		*	5740.103	95.009	56.041	N/A	N/A	38.968	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 1	
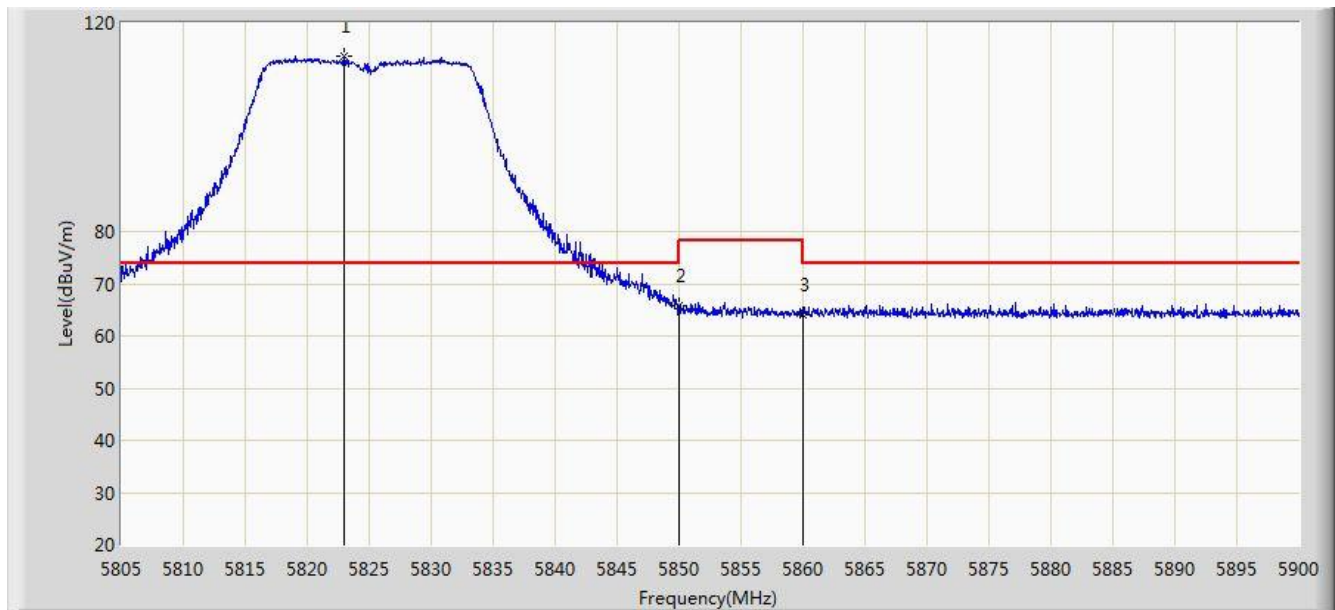
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.955	113.688	74.385	N/A	N/A	39.303	PK
2			5850.000	65.762	26.381	-12.438	78.200	39.381	PK
3			5860.000	64.038	24.642	-9.962	74.000	39.396	PK

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

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

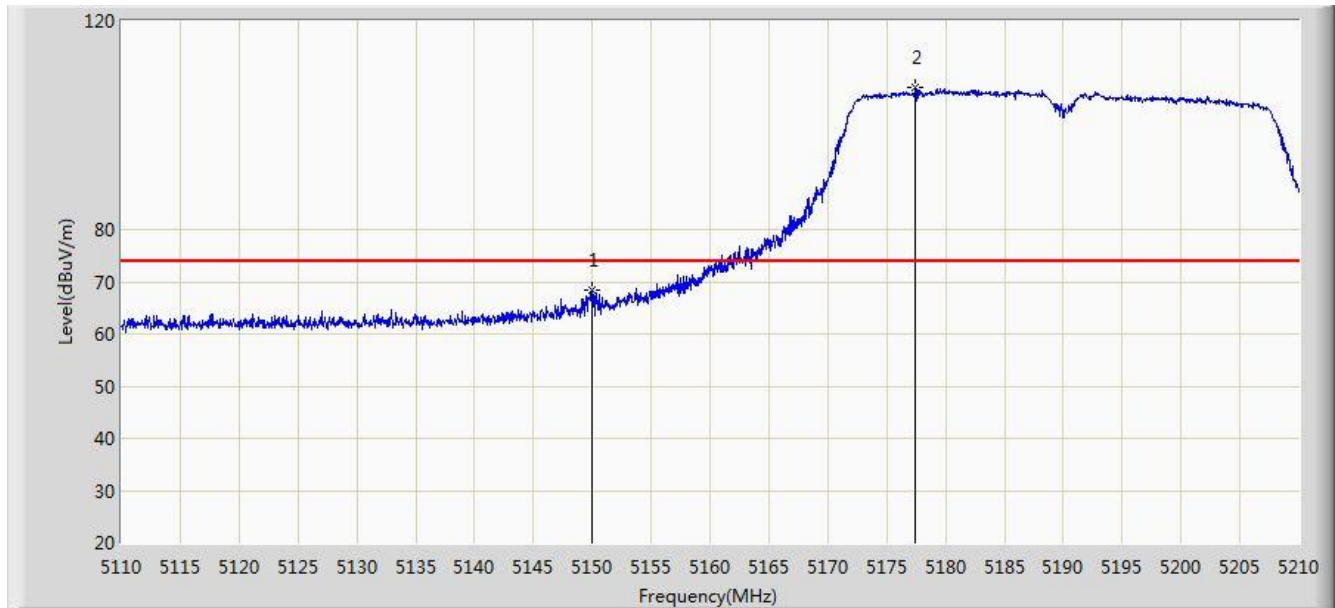| Site: AC 1	Time: 2015/07/04 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 1	
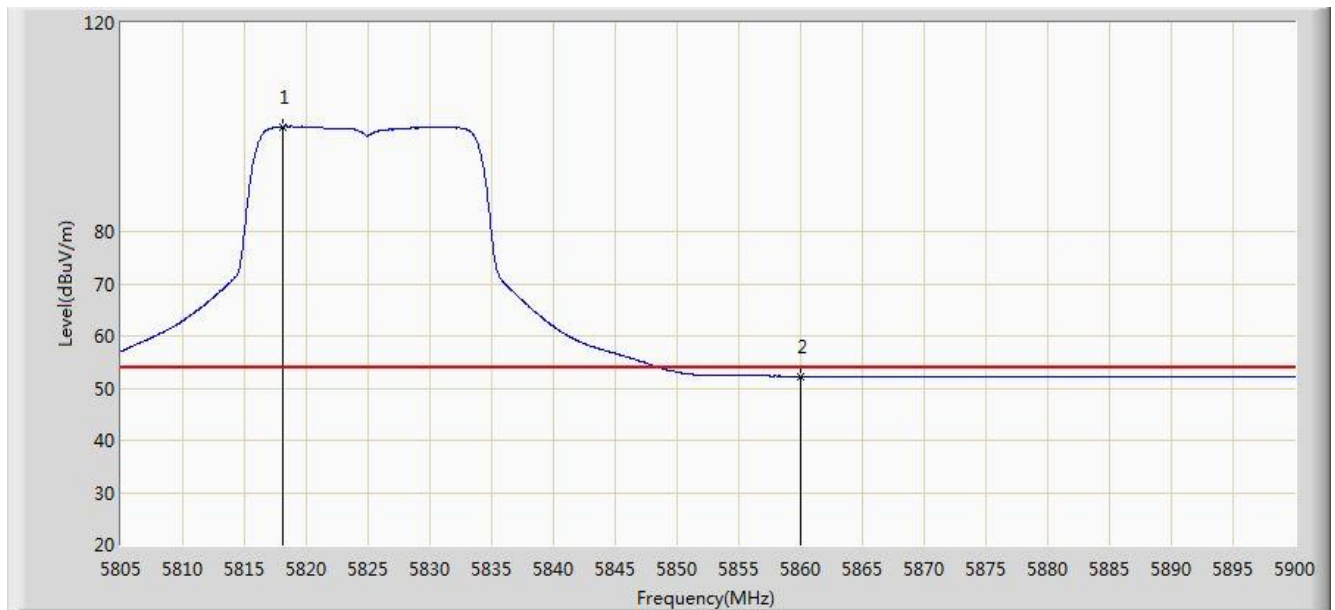
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.110	100.088	60.800	N/A	N/A	39.288	AV
2			5860.000	52.275	12.879	-1.725	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 1	
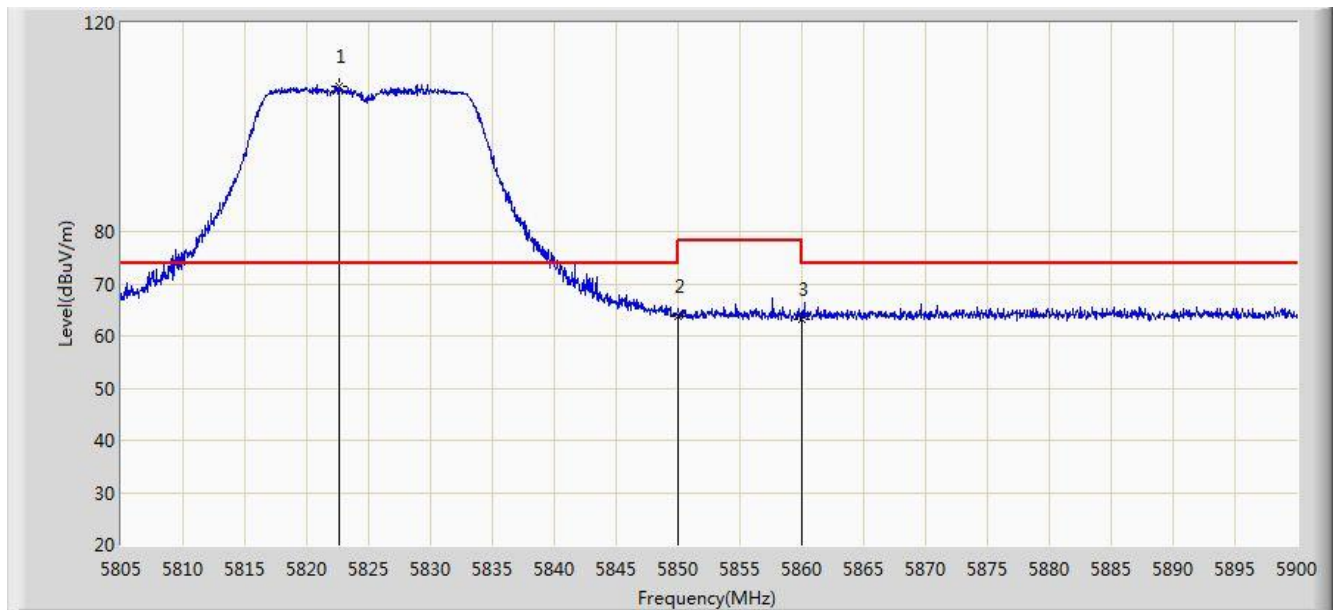
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.575	107.774	68.472	N/A	N/A	39.302	PK
2			5850.000	63.902	24.521	-14.298	78.200	39.381	PK
3			5860.000	63.314	23.918	-10.686	74.000	39.396	PK

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

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

Site: AC 1	Time: 2015/07/04 - 13:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 1	
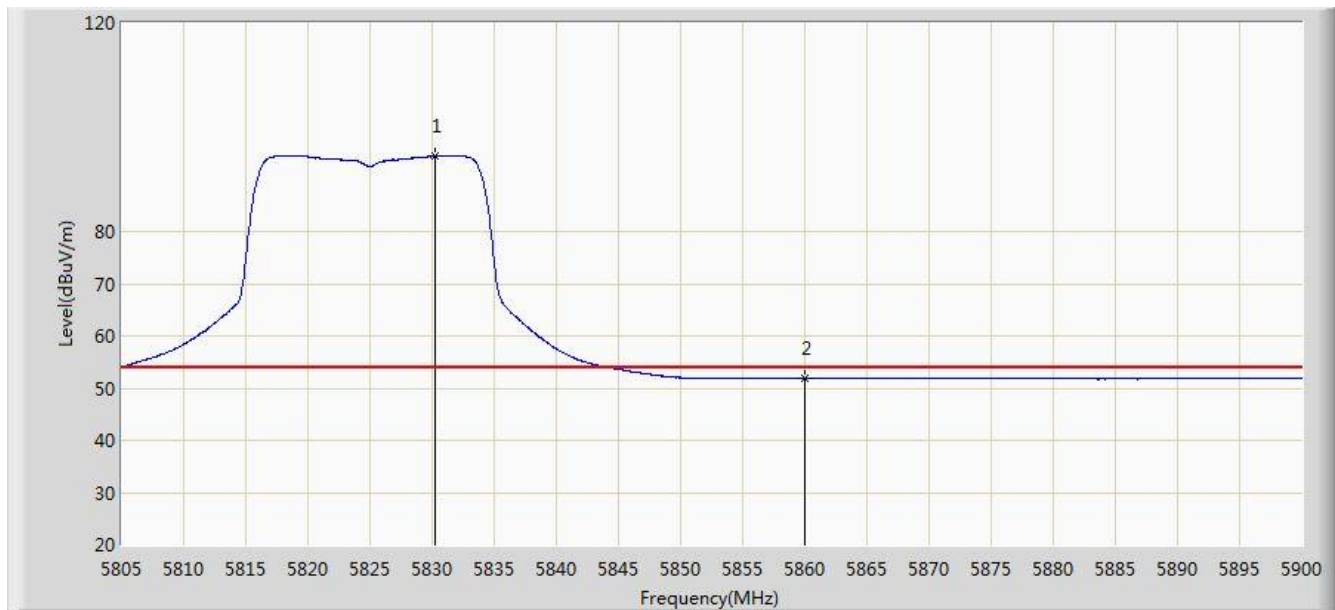
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.223	94.426	55.100	N/A	N/A	39.327	AV
2			5860.000	51.824	12.428	-2.176	54.000	39.396	AV

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

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

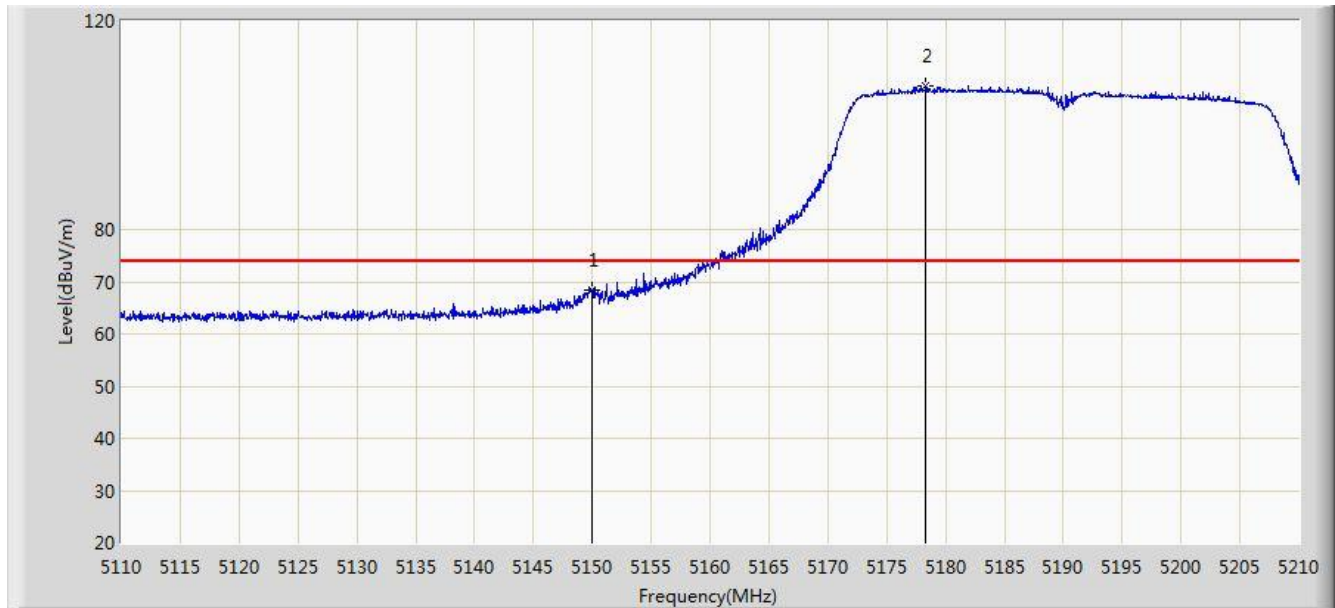| Site: AC 1	Time: 2015/07/04 - 13:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.262	29.975	-5.738	74.000	38.287	PK
2		*	5177.450	107.294	69.067	N/A	N/A	38.227	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 1	
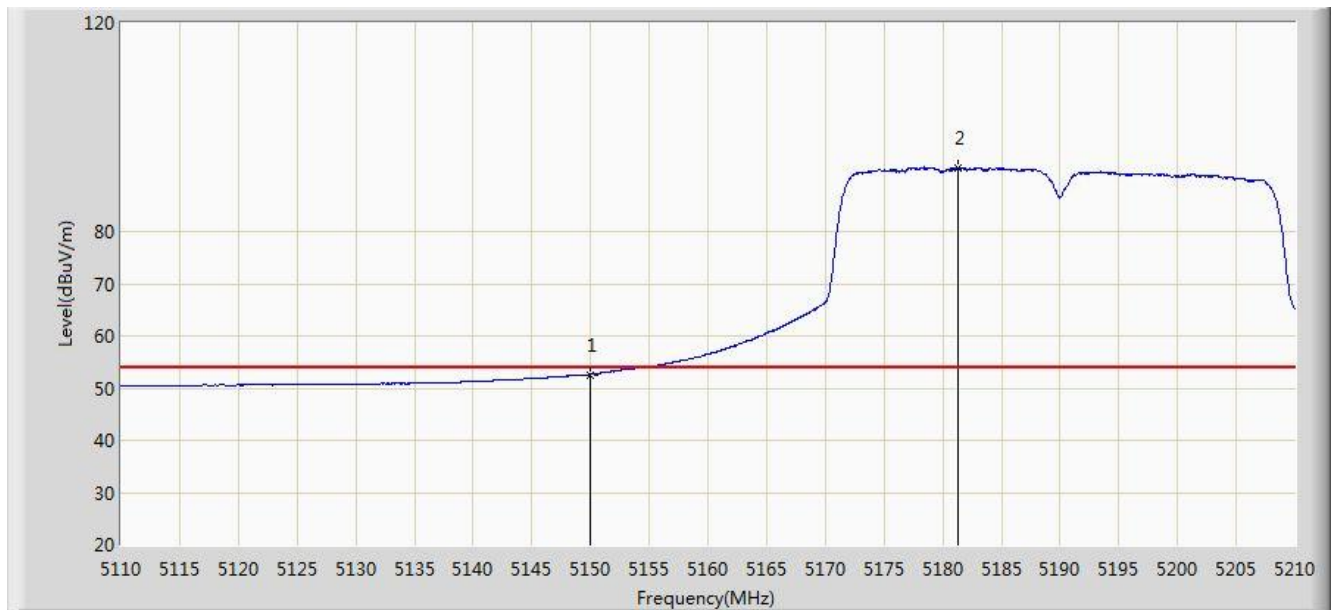
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.606	14.319	-1.394	54.000	38.287	AV
2		*	5181.350	92.271	54.054	N/A	N/A	38.216	AV

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

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

Site: AC 1	Time: 2015/07/04 - 13:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.262	29.975	-5.738	74.000	38.287	PK
2		*	5178.350	107.527	69.303	N/A	N/A	38.225	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 1	
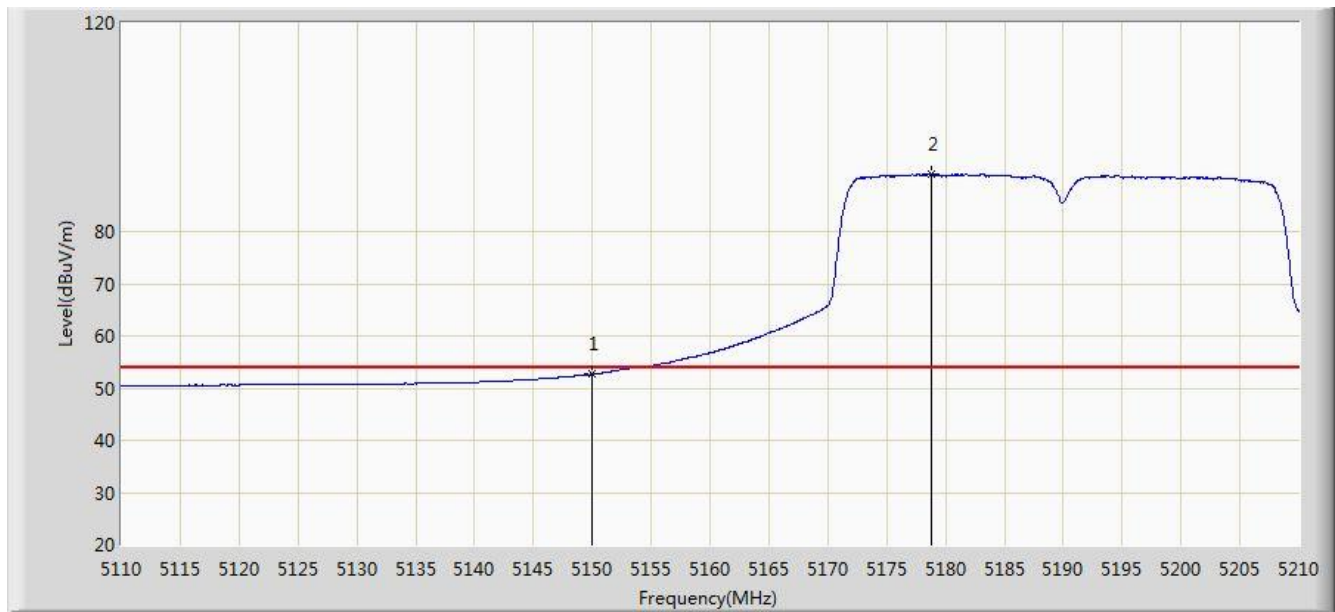
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.650	14.363	-1.350	54.000	38.287	AV
2		*	5178.850	91.004	52.781	N/A	N/A	38.223	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 1	
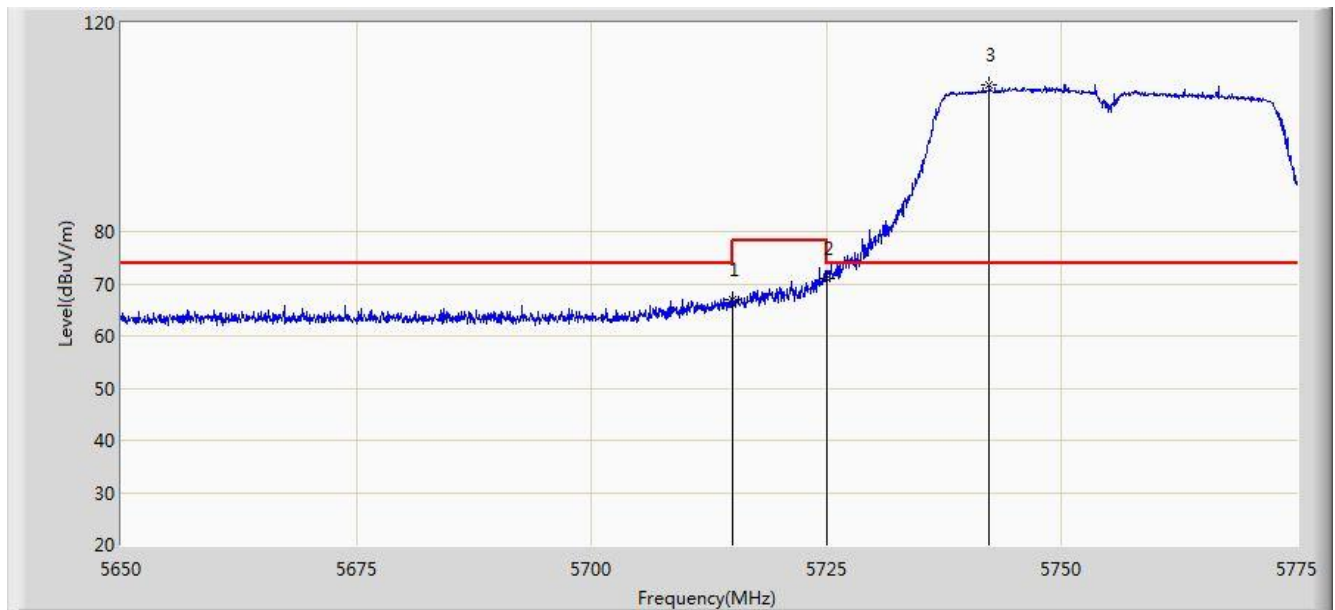
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	67.042	28.204	-6.958	74.000	38.838	PK
2			5725.000	71.083	32.193	-7.117	78.200	38.890	PK
3		*	5742.312	108.103	69.124	N/A	N/A	38.979	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 1	
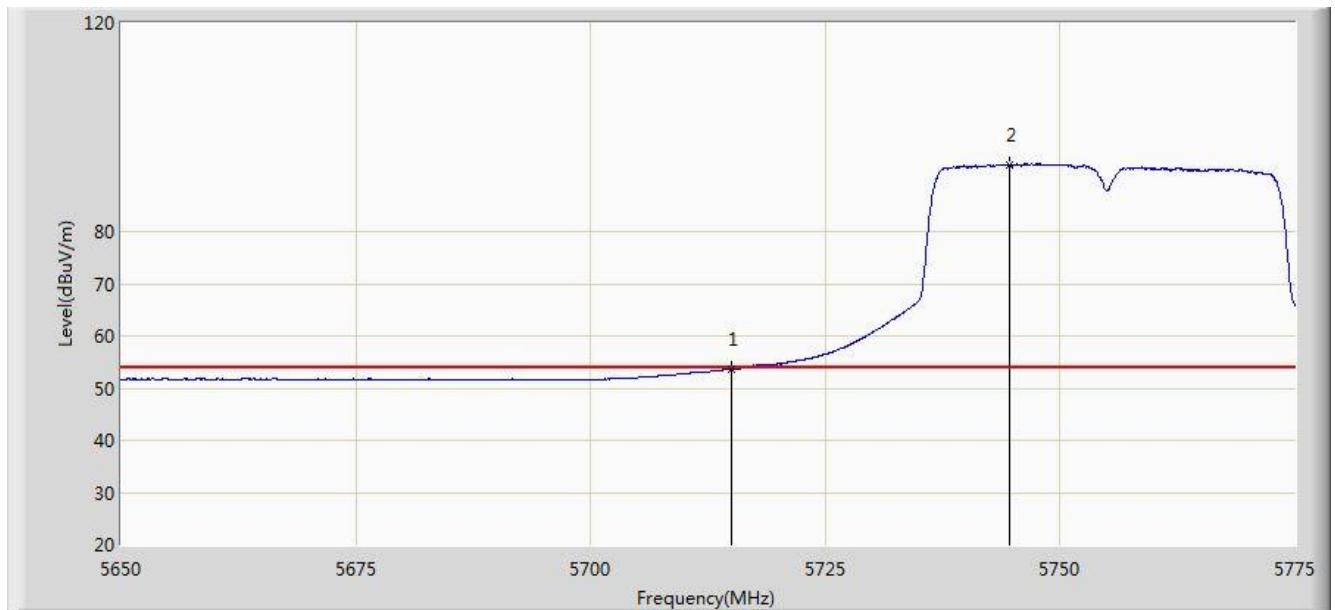
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.593	14.755	-0.407	54.000	38.838	AV
2		*	5744.625	92.895	53.905	N/A	N/A	38.990	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 1	
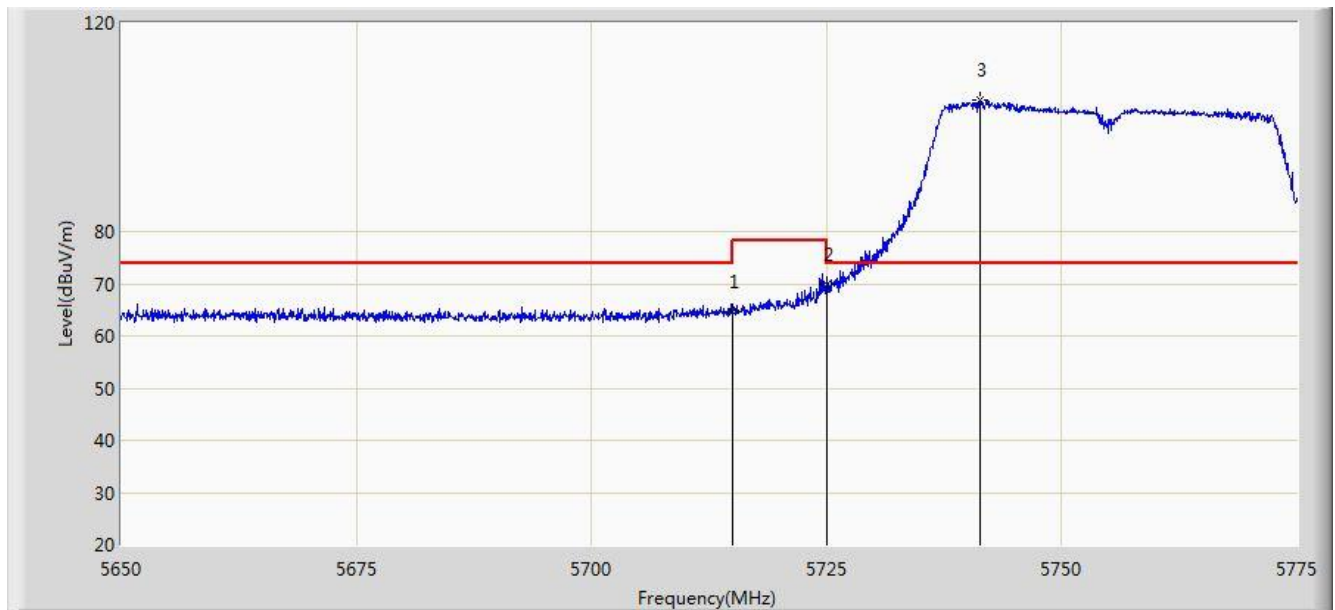
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.688	25.850	-9.312	74.000	38.838	PK
2			5725.000	69.988	31.098	-8.212	78.200	38.890	PK
3		*	5741.250	105.348	66.374	N/A	N/A	38.974	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 13:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 1	
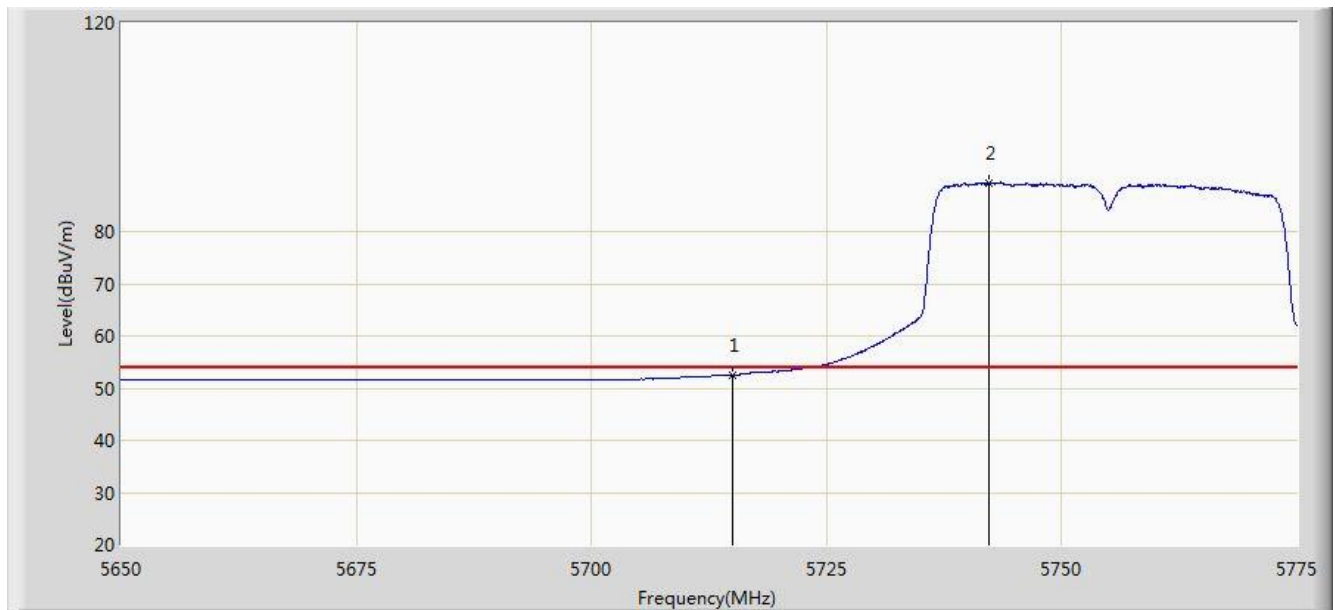
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.550	13.712	-1.450	54.000	38.838	AV
2		*	5742.312	89.411	50.432	N/A	N/A	38.979	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 13:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 1	
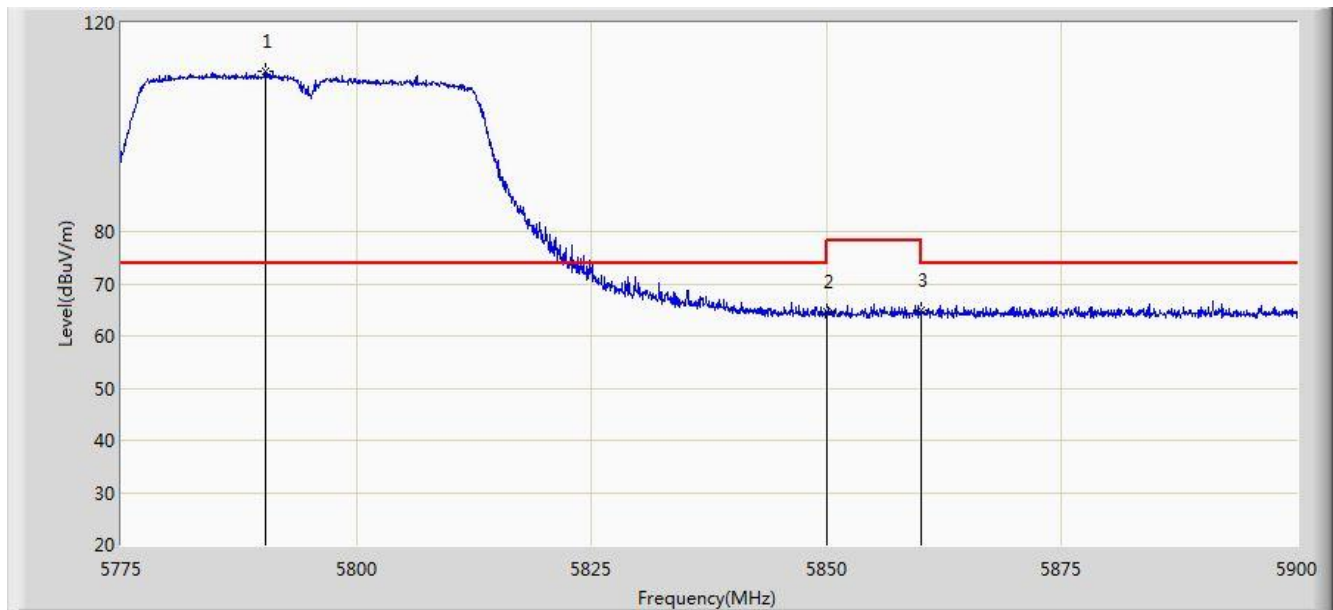
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.312	110.803	71.613	N/A	N/A	39.190	PK
2			5850.000	64.661	25.280	-13.539	78.200	39.381	PK
3			5860.000	64.848	25.452	-9.152	74.000	39.396	PK

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

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

Site: AC 1	Time: 2015/07/04 - 13:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 1	
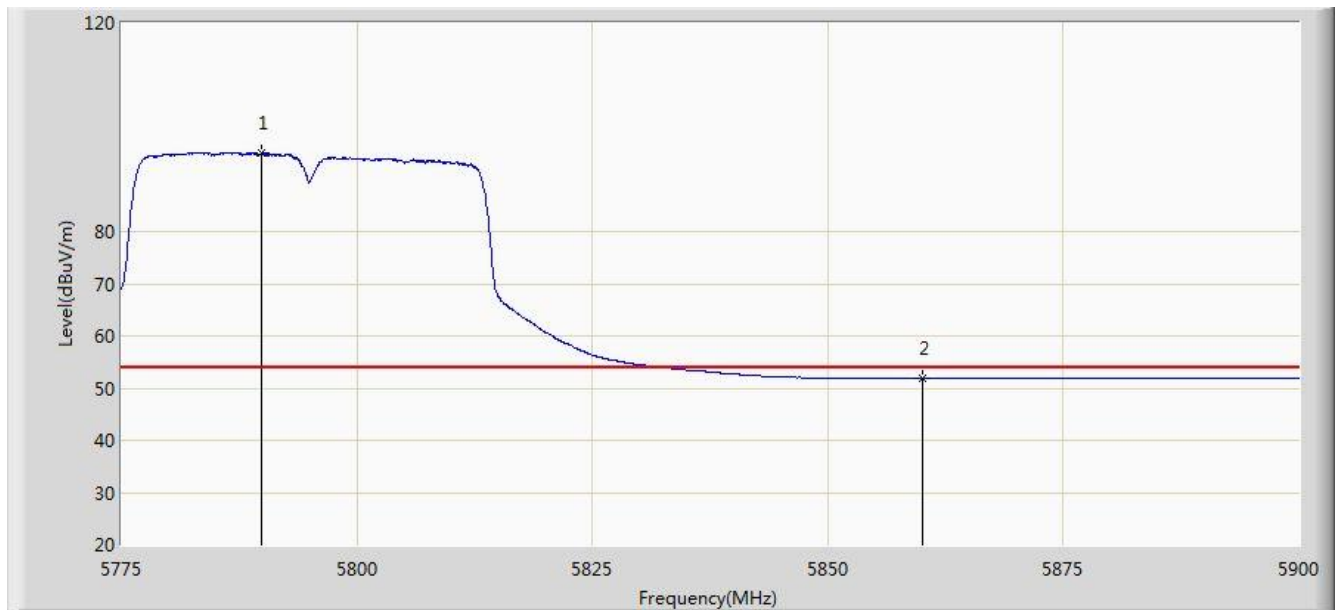
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.875	95.015	55.827	N/A	N/A	39.188	AV
2			5860.000	51.871	12.475	-2.129	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 14:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 1	
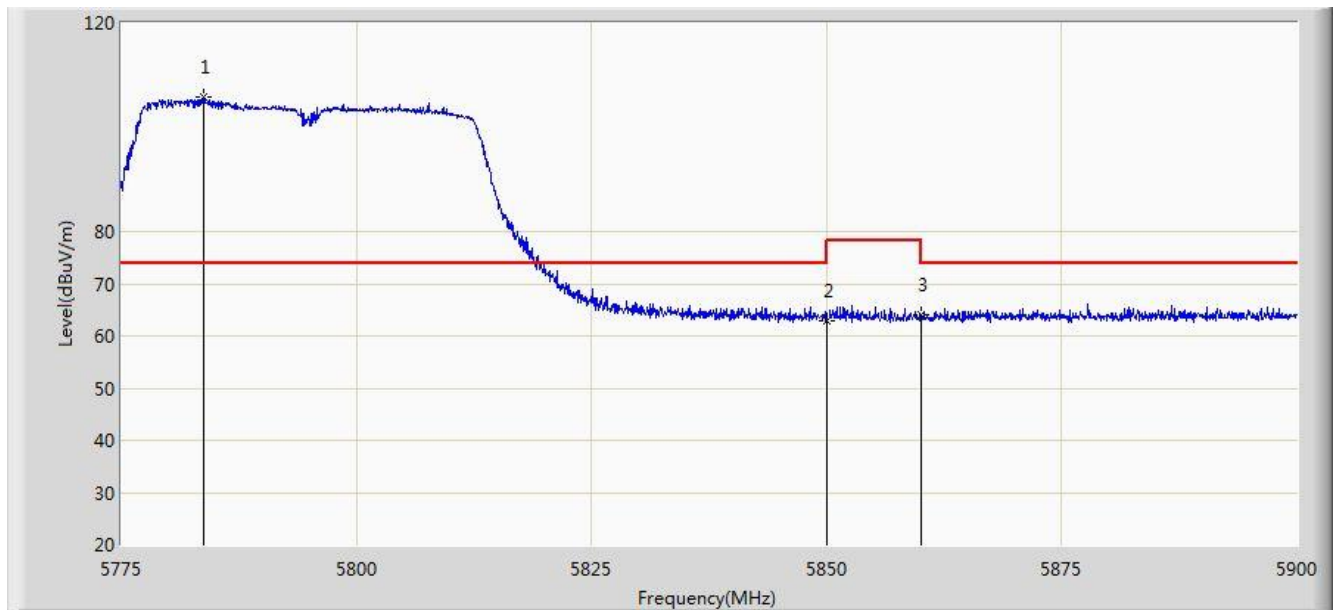
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.750	105.779	66.617	N/A	N/A	39.162	PK
2			5850.000	62.996	23.615	-15.204	78.200	39.381	PK
3			5860.000	64.163	24.767	-9.837	74.000	39.396	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 1	
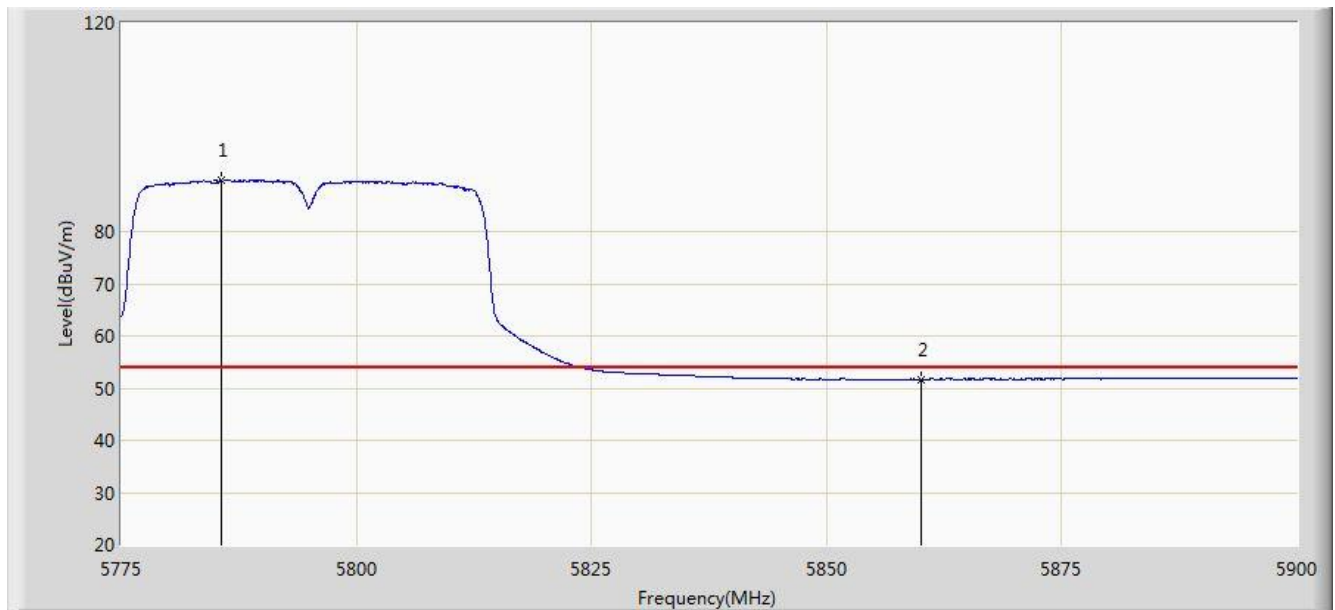
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5785.625	89.738	50.568	N/A	N/A	39.170	AV
2			5860.000	51.736	12.340	-2.264	54.000	39.396	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 14:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 1	
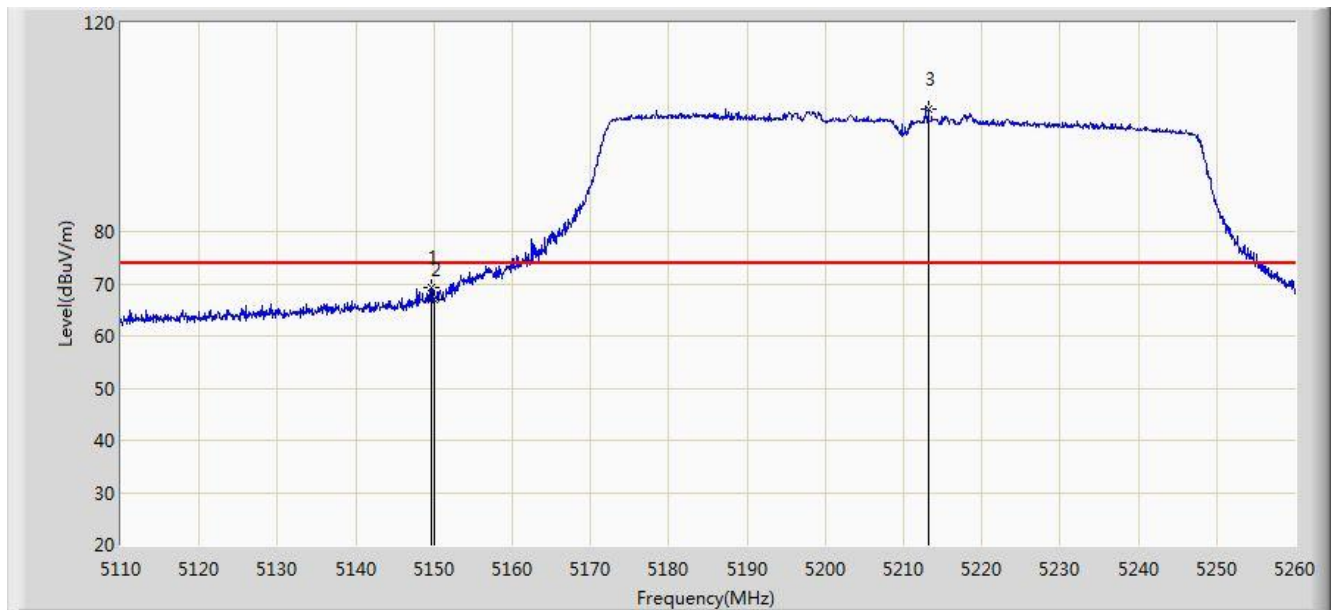
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.750	69.154	30.867	-4.846	74.000	38.287	PK
2			5150.000	66.892	28.605	-7.108	74.000	38.287	PK
3		*	5213.200	103.539	65.400	N/A	N/A	38.139	PK

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

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

| Site: AC 1	Time: 2015/07/04 - 14:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 1	
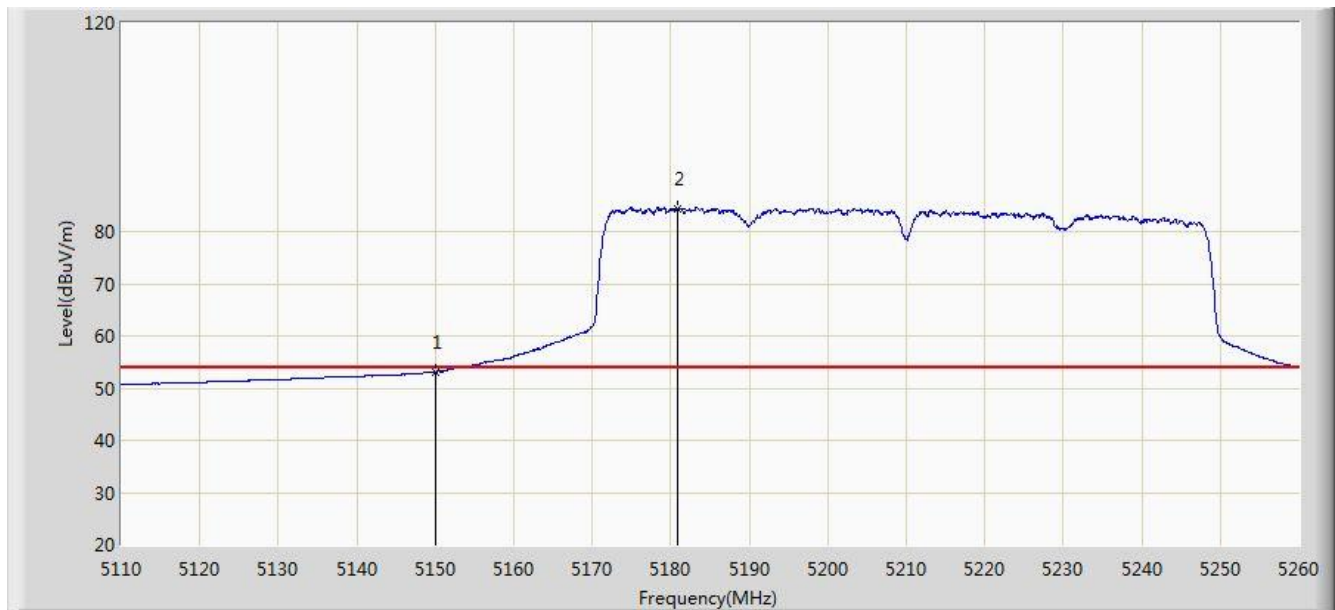
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.161	14.874	-0.839	54.000	38.287	AV
2		*	5180.875	84.479	46.261	N/A	N/A	38.218	AV

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

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

| Site: AC 1	Time: 2015/07/04 - 14:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 1	
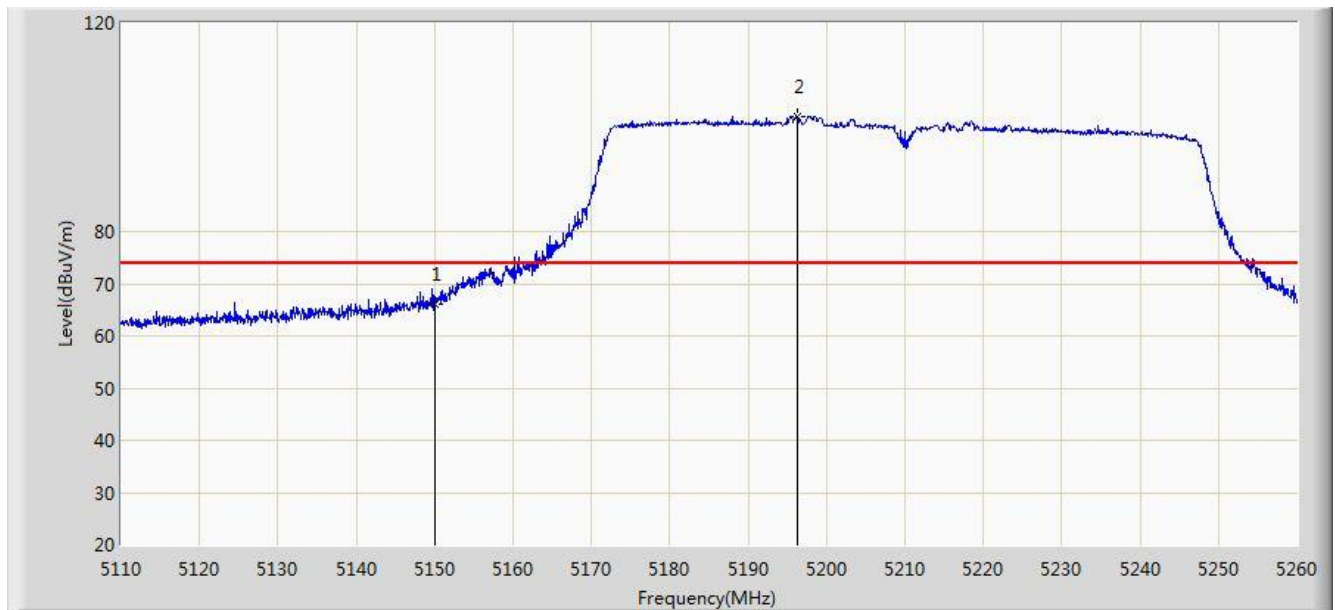
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	65.988	27.701	-8.012	74.000	38.287	PK
2		*	5196.250	101.890	63.710	N/A	N/A	38.181	PK

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

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

Site: AC 1	Time: 2015/07/04 - 14:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 2x2 dual band 802.11ac indoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 1	
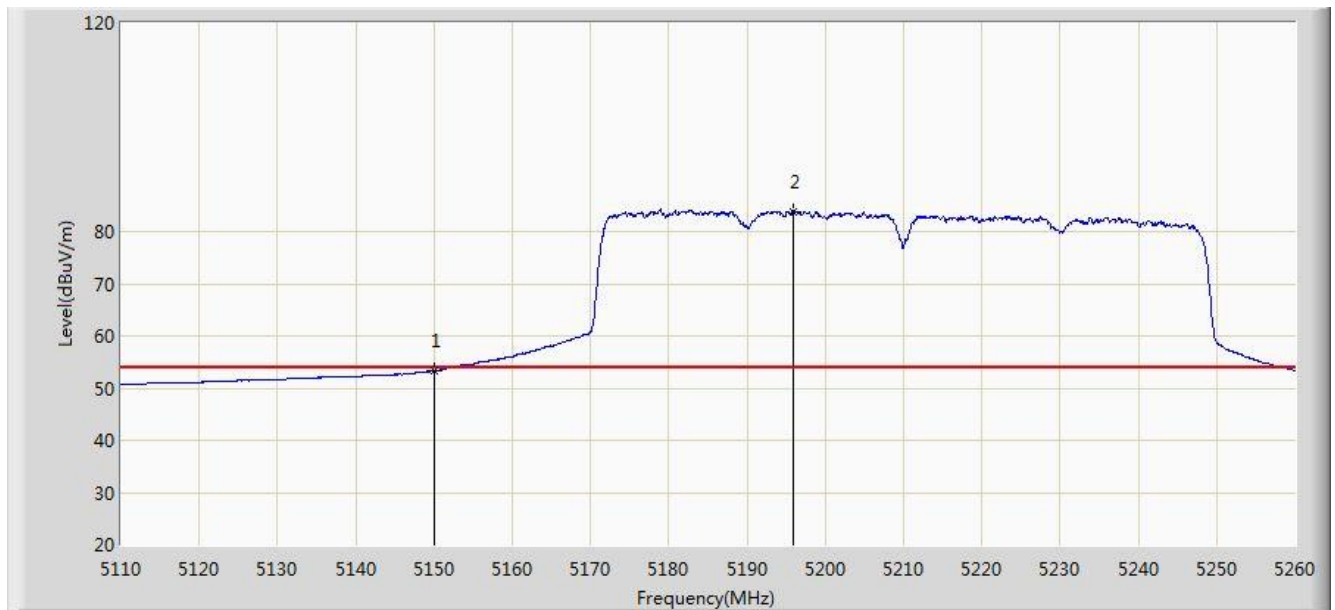
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.282	14.995	-0.718	54.000	38.287	AV
2		*	5195.875	83.853	45.672	N/A	N/A	38.181	AV

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

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