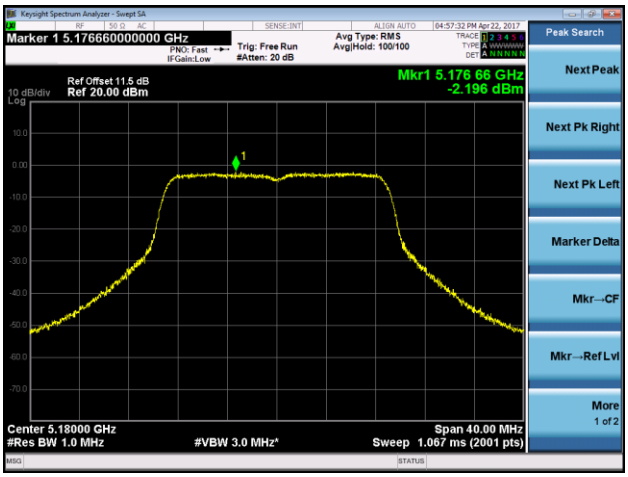
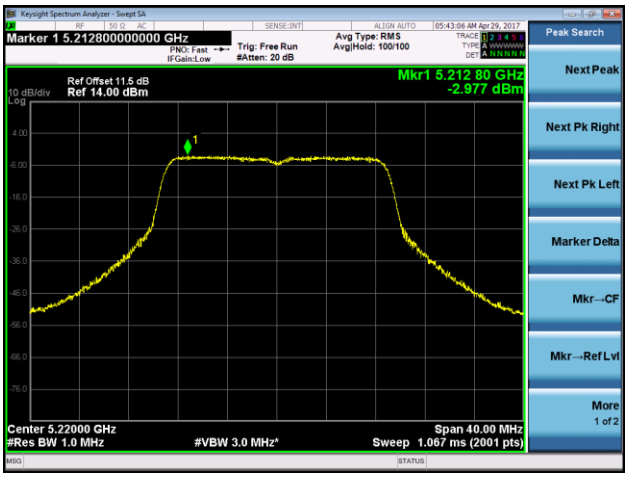
802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

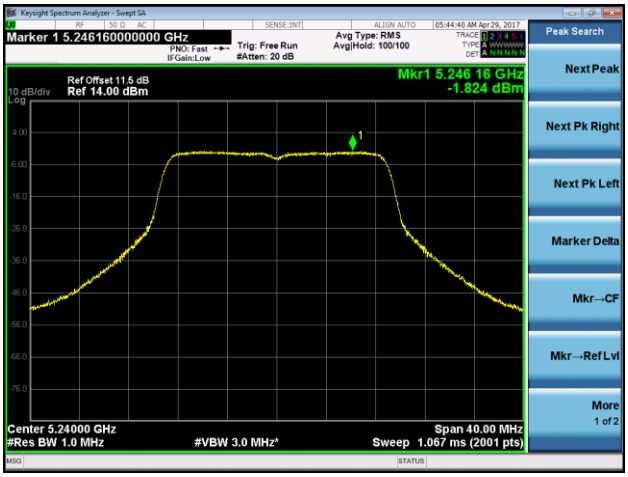
Channel 36 (5180MHz)



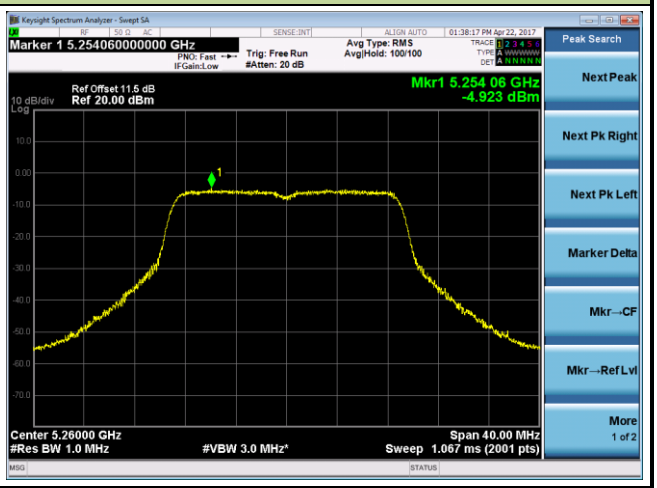
Channel 44 (5220MHz)



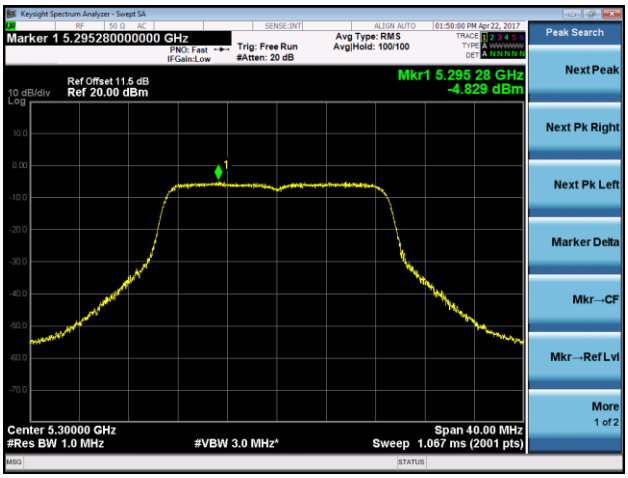
Channel 48 (5240MHz)



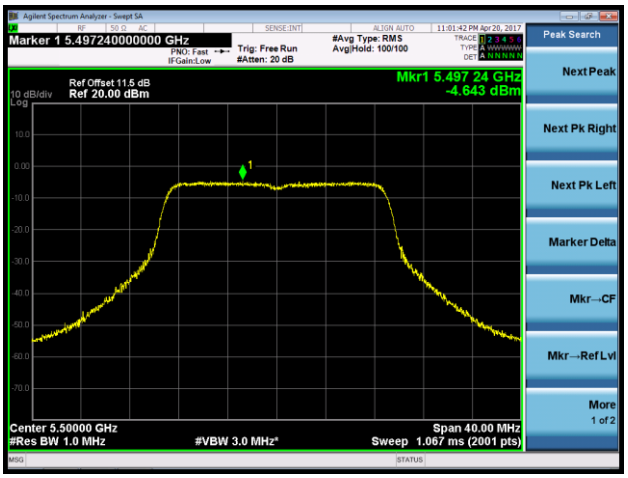
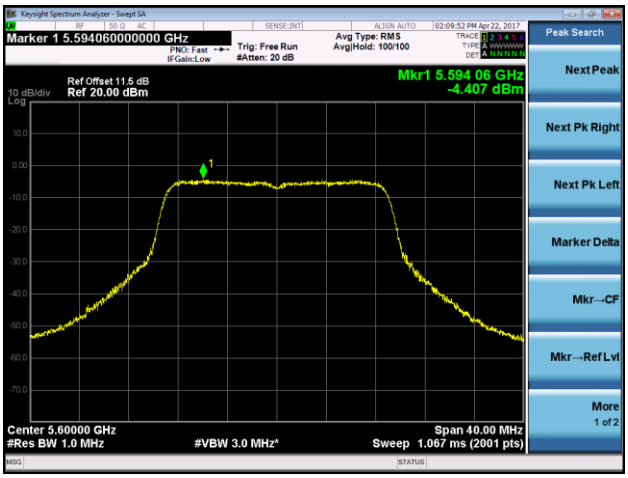
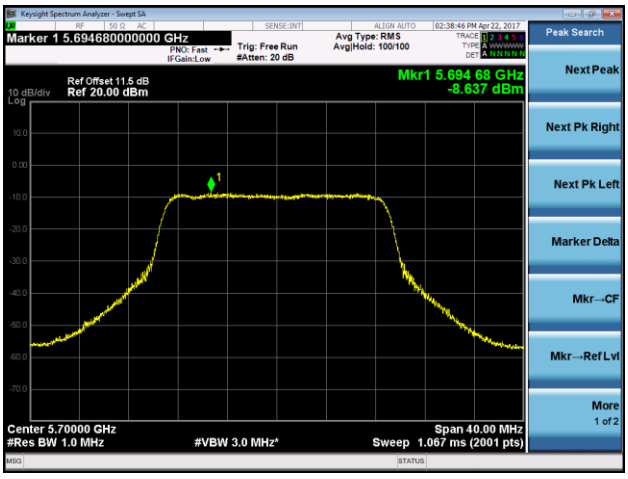
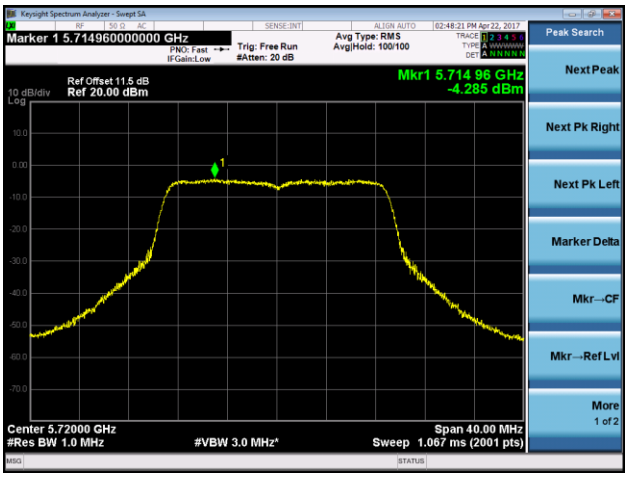
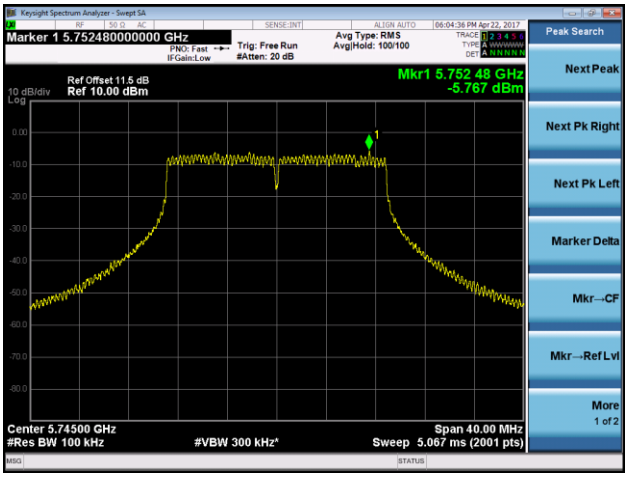
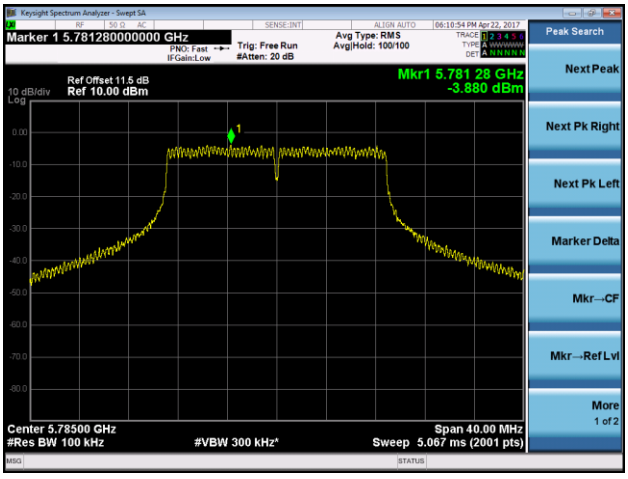
Channel 52 (5260MHz)

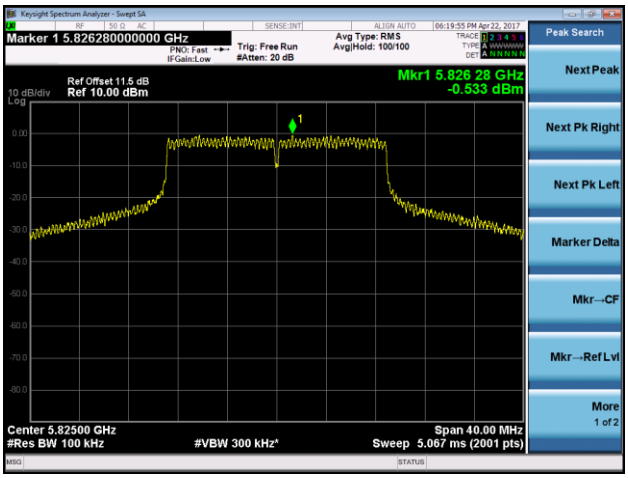


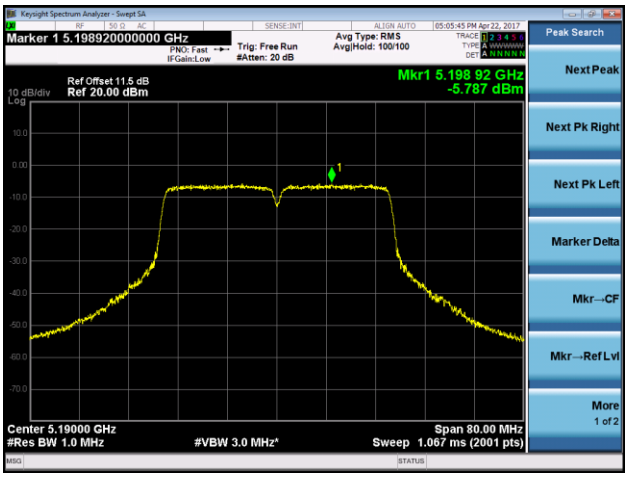
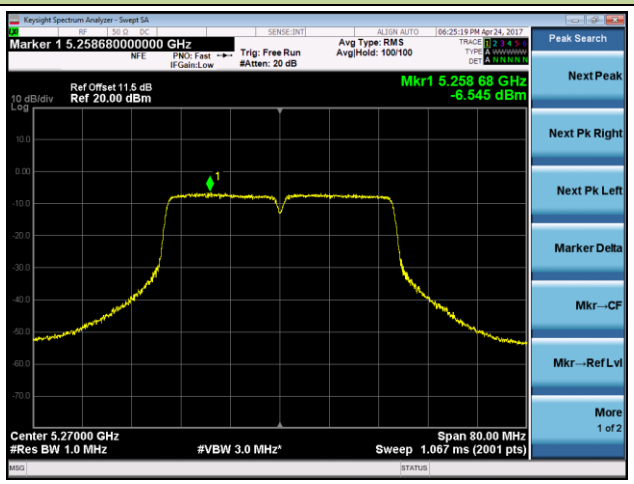
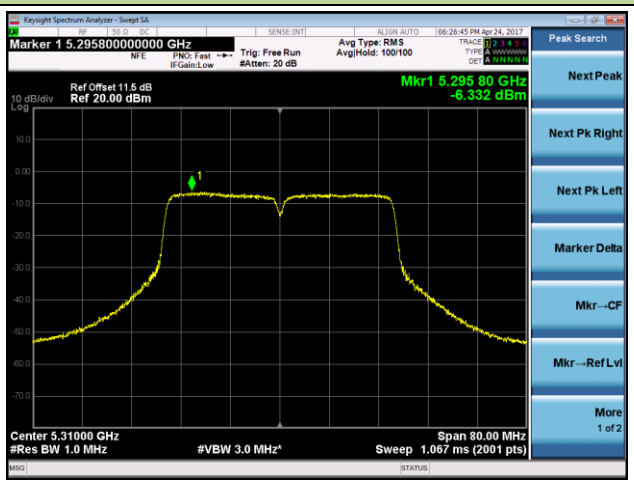
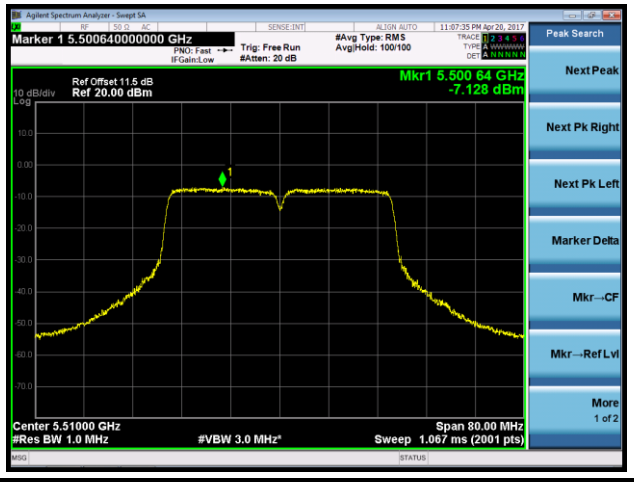
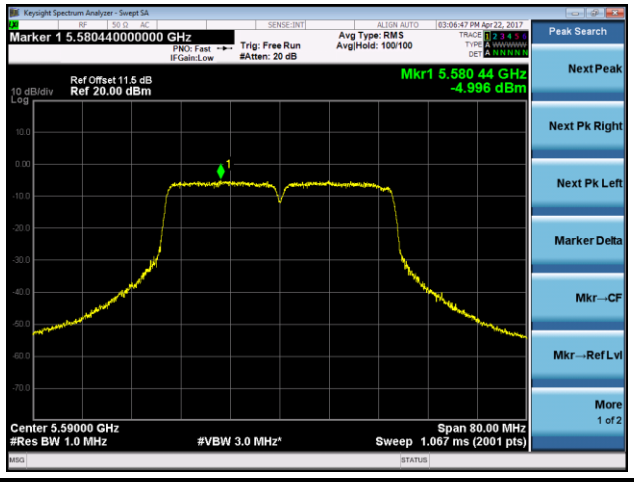
Channel 60 (5300MHz)

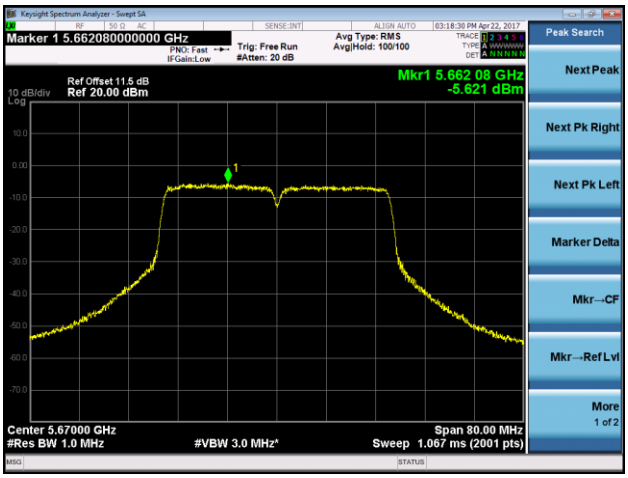
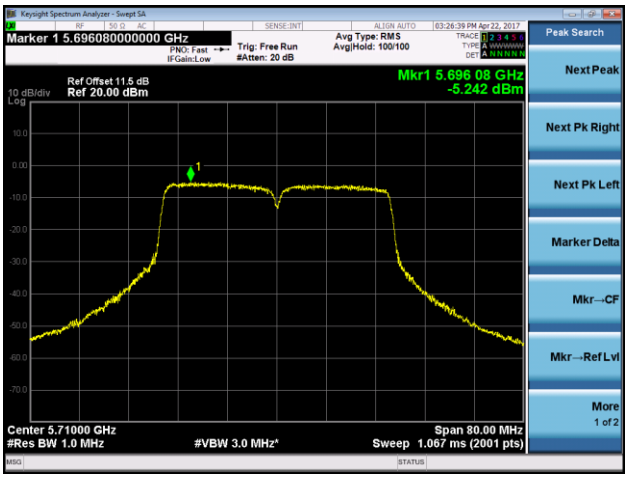
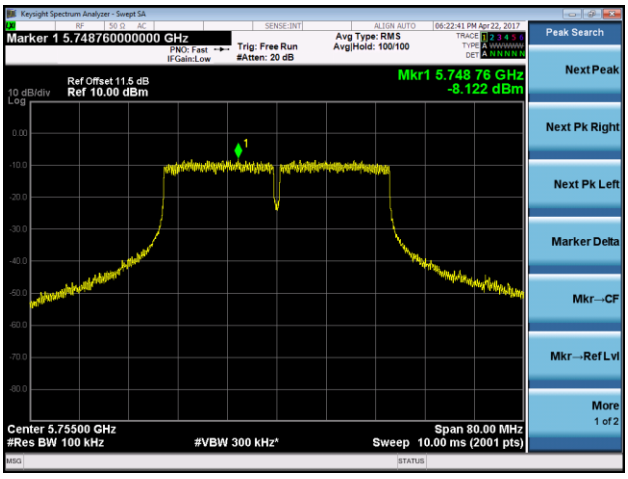
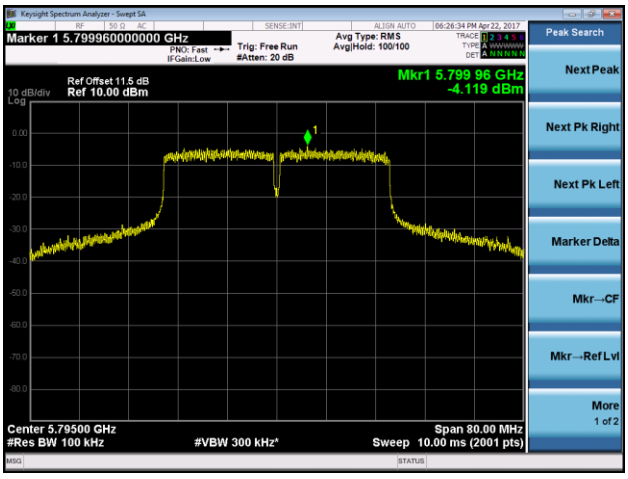


Channel 64 (5320MHz)

Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 144 (5720MHz)**
	
Channel 149 (5745MHz)	**Channel 157 (5785MHz)**
	

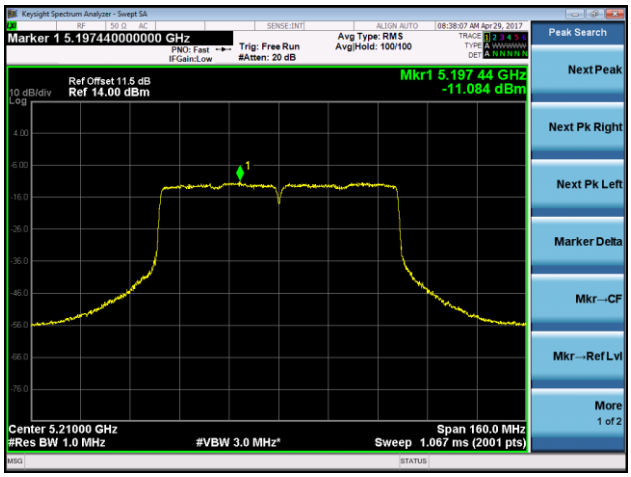
Channel 165 (5825MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 54 (5270MHz)	**Channel 62 (5310MHz)**
	
Channel 102 (5510MHz)	**Channel 118 (5590MHz)**
	

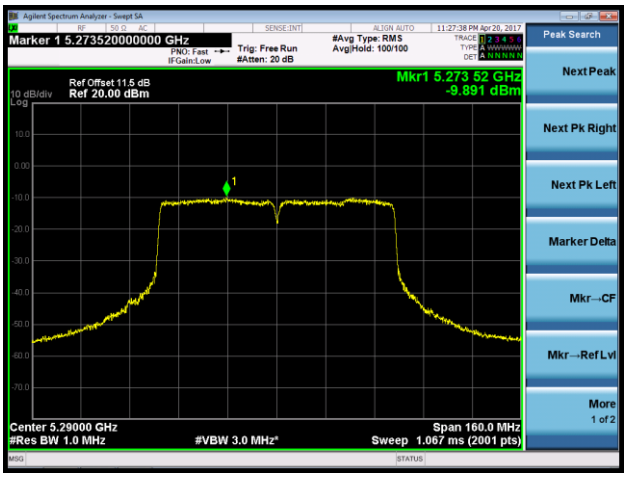
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1

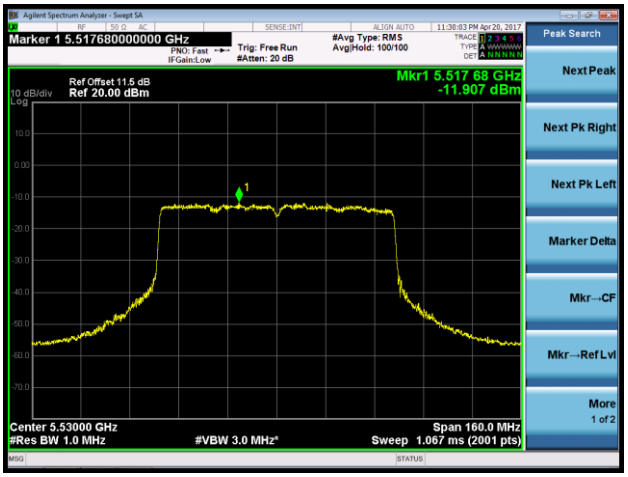
Channel 42 (5210MHz)



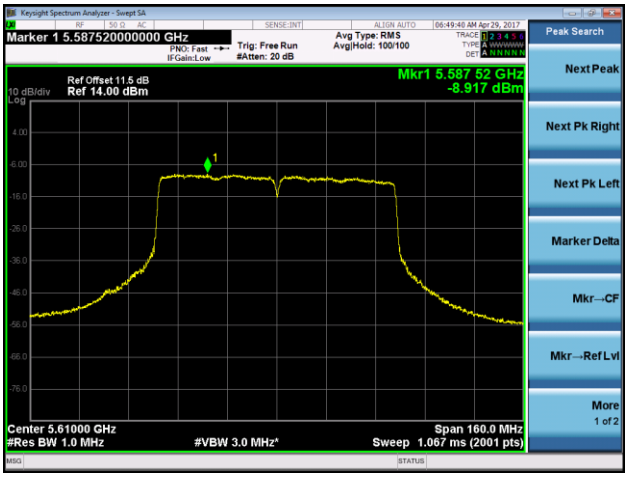
Channel 58 (5290MHz)



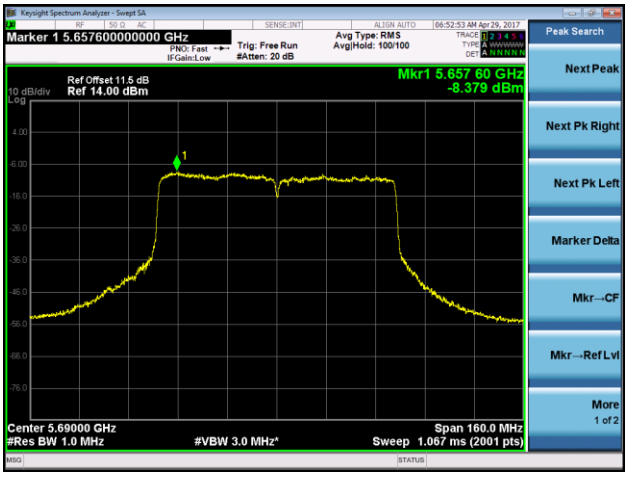
Channel 106 (5530MHz)



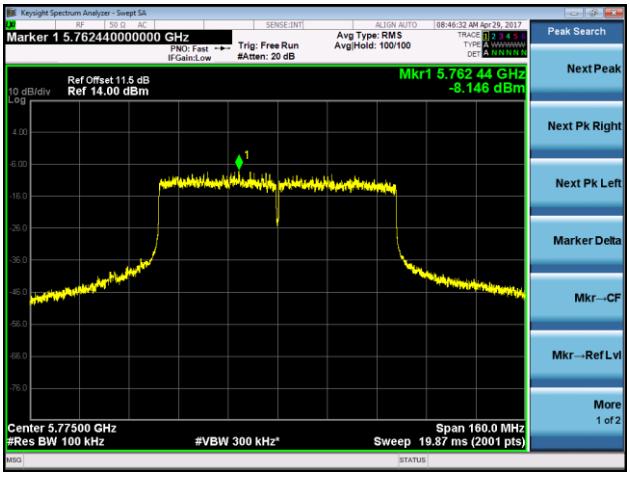
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



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:

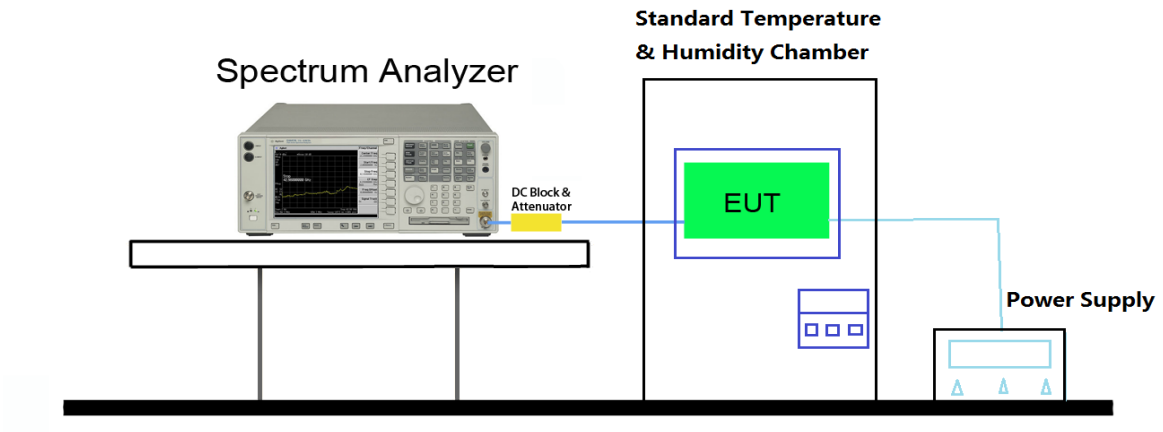
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Test Engineer	Milo Li	Temperature	-30 ~ 50°C
Test Time	2017/04/29	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-2.78	-2.64	-2.35	-2.26
		- 20	-3.02	-3.11	-3.23	-3.45
		- 10	-3.29	-3.33	-3.65	-3.46
		0	-4.29	-4.01	-4.45	-4.37
		+ 10	-4.65	-4.33	-4.75	-4.95
		+ 20 (Ref)	-5.22	-5.12	-5.34	-5.32
		+ 30	-5.93	-5.99	-5.67	-5.76
		+ 40	-6.32	-6.47	-6.46	-6.56
		+ 50	-7.23	-7.65	-7.32	-7.65
115%	138	+ 20	-5.83	-5.45	-5.65	-5.23
85%	102	+ 20	-4.88	-4.67	-4.73	-4.57

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

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

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

7.8.2. Test Procedure Used

KDB 789033 D02v01r03 – 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

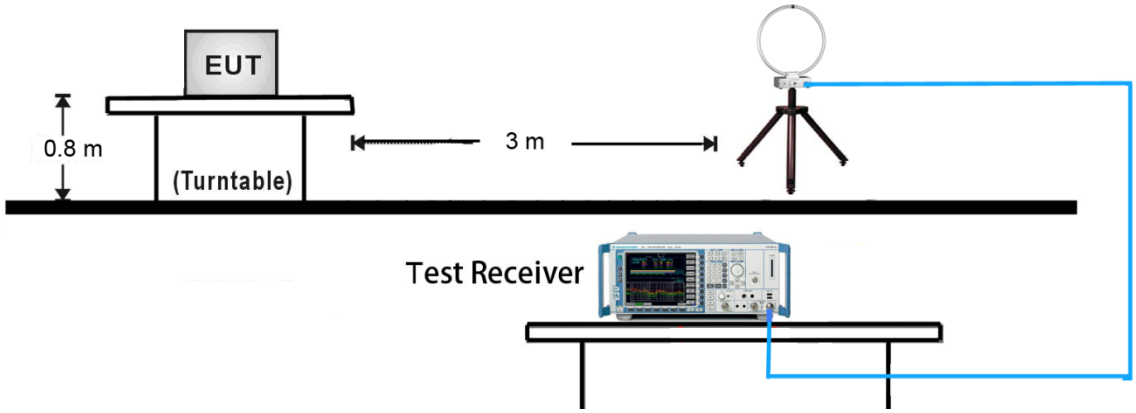
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

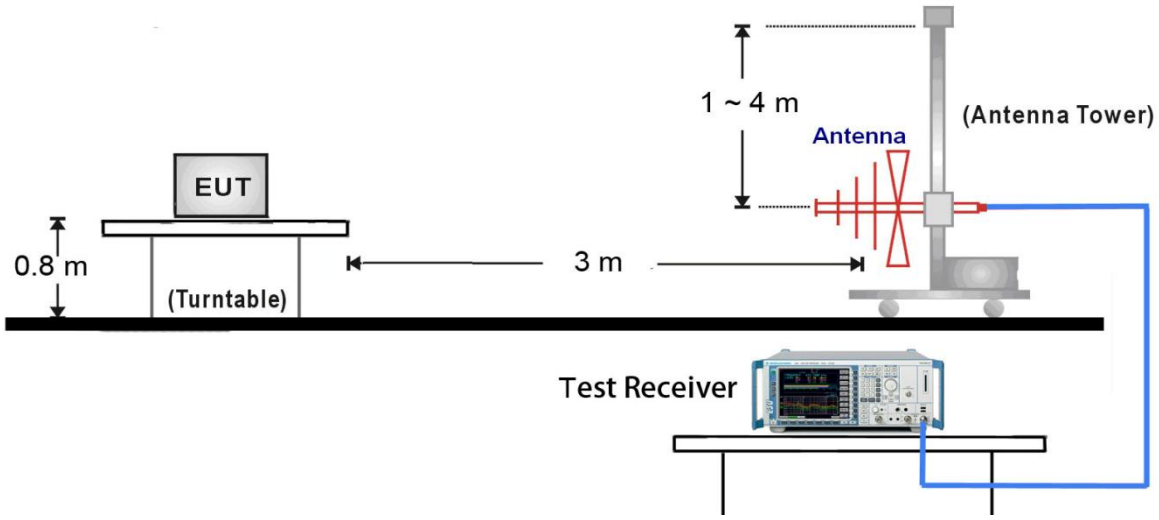
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.8.4. Test Setup

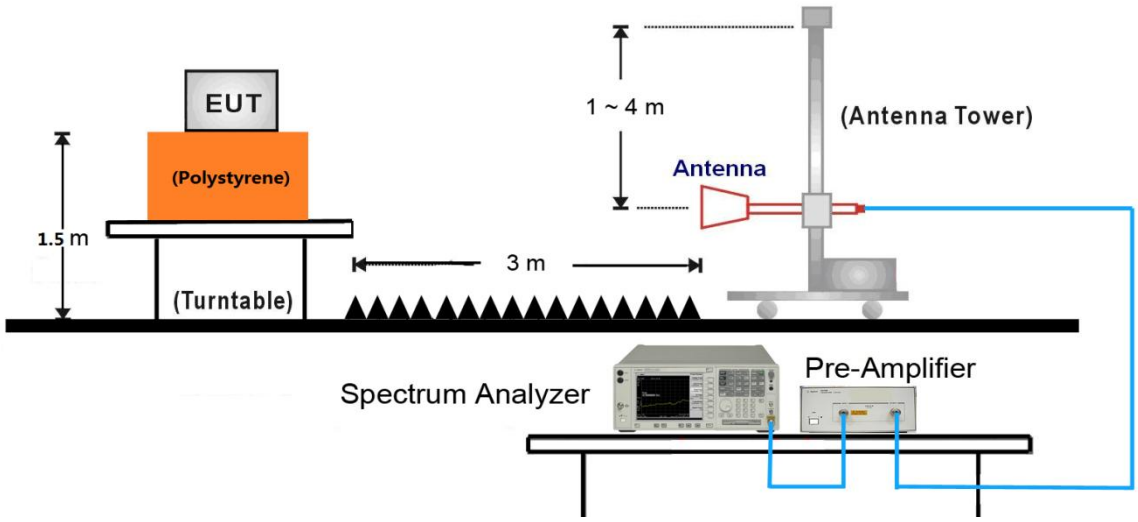
9kHz ~ 30MHz Test Setup:



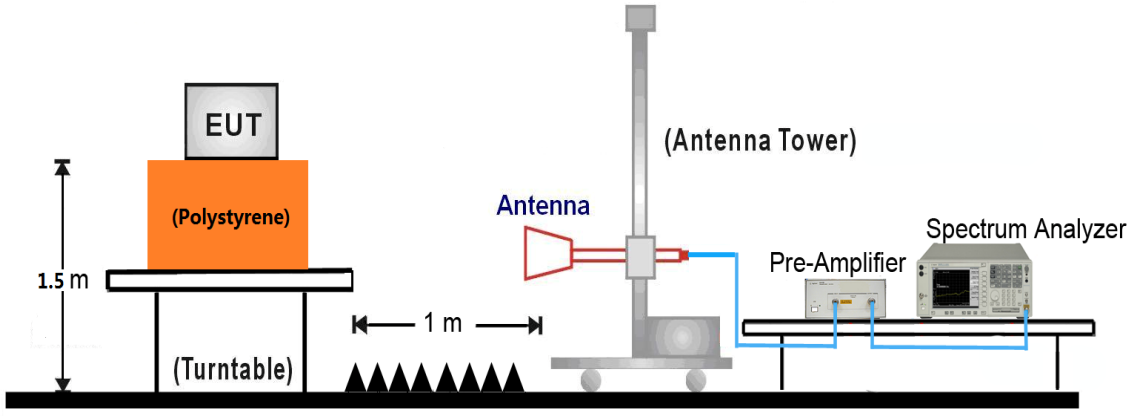
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Test with 18dBi Antenna

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
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
*	6907.5	58.4	6.6	65.0	68.2	-3.2	Peak	Horizontal
*	7842.5	34.8	8.4	43.2	68.2	-25.0	Peak	Horizontal
	10732.5	34.1	12.5	46.6	74.0	-27.4	Peak	Horizontal
	11302.0	34.1	12.5	46.6	74.0	-27.4	Peak	Horizontal
*	6907.5	59.1	6.6	65.7	68.2	-2.5	Peak	Vertical
*	7961.5	34.4	8.6	43.0	68.2	-25.2	Peak	Vertical
	10928.0	33.2	13.0	46.2	74.0	-27.8	Peak	Vertical
	11922.5	34.5	11.8	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
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
*	6958.5	58.7	6.7	65.4	68.2	-2.8	Peak	Horizontal
*	7868.0	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
	10868.5	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
	11676.0	34.6	12.1	46.7	74.0	-27.3	Peak	Horizontal
*	6958.5	57.8	6.7	64.5	68.2	-3.7	Peak	Vertical
*	7851.0	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
	10826.0	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
	11395.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
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
*	6984.0	56.3	6.8	63.1	68.2	-5.1	Peak	Horizontal
*	7893.5	34.1	8.3	42.4	68.2	-25.8	Peak	Horizontal
	10962.0	33.3	13.1	46.4	74.0	-27.6	Peak	Horizontal
	11795.0	35.1	11.8	46.9	74.0	-27.1	Peak	Horizontal
*	6984.0	53.6	6.8	60.4	68.2	-7.8	Peak	Vertical
*	7859.5	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
	10987.5	33.6	13.0	46.6	74.0	-27.4	Peak	Vertical
	11710.0	33.3	12.0	45.3	74.0	-28.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	7009.5	54.6	6.9	61.5	68.2	-6.7	Peak	Horizontal
*	7987.0	35.3	8.7	44.0	68.2	-24.2	Peak	Horizontal
	10749.5	33.1	12.5	45.6	74.0	-28.4	Peak	Horizontal
	11574.0	33.3	12.6	45.9	74.0	-28.1	Peak	Horizontal
*	7009.5	52.6	6.9	59.5	68.2	-8.7	Peak	Vertical
*	7834.0	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
	10834.5	34.0	12.7	46.7	74.0	-27.3	Peak	Vertical
	11846.0	33.7	11.9	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	7069.0	50.3	7.2	57.5	68.2	-10.7	Peak	Horizontal
*	7851.0	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	10970.5	33.9	13.1	47.0	74.0	-27.0	Peak	Horizontal
	11378.5	34.2	12.6	46.8	74.0	-27.2	Peak	Horizontal
*	7069.0	48.1	7.2	55.3	68.2	-12.9	Peak	Vertical
*	7970.0	35.6	8.6	44.2	68.2	-24.0	Peak	Vertical
	10851.5	33.0	12.8	45.8	74.0	-28.2	Peak	Vertical
	11523.0	34.7	12.7	47.4	74.0	-26.6	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	7094.5	49.7	7.4	57.1	68.2	-11.1	Peak	Horizontal
*	7808.5	34.2	8.4	42.6	68.2	-25.6	Peak	Horizontal
	10928.0	32.9	13.0	45.9	74.0	-28.1	Peak	Horizontal
	11327.5	34.2	12.5	46.7	74.0	-27.3	Peak	Horizontal
*	7094.5	45.8	7.4	53.2	68.2	-15.0	Peak	Vertical
*	7953.0	34.6	8.6	43.2	68.2	-25.0	Peak	Vertical
	10800.5	33.9	12.6	46.5	74.0	-27.5	Peak	Vertical
	11659.0	34.2	12.3	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	100	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	40.2	8.0	48.2	74.0	-25.8	Peak	Horizontal
	7698.0	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	8811.5	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
*	9780.5	34.0	11.4	45.4	68.2	-22.8	Peak	Horizontal
	7332.5	43.1	8.0	51.1	74.0	-22.9	Peak	Vertical
	7536.5	34.3	8.3	42.6	74.0	-31.4	Peak	Vertical
*	9772.0	32.4	11.4	43.8	68.2	-24.4	Peak	Vertical
*	10350.0	33.8	12.2	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	120	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	38.1	8.1	46.2	74.0	-27.8	Peak	Horizontal
	8454.5	36.2	8.2	44.4	74.0	-29.6	Peak	Horizontal
*	9797.5	32.8	11.5	44.3	68.2	-23.9	Peak	Horizontal
*	10256.5	32.9	11.9	44.8	68.2	-23.4	Peak	Horizontal
	7468.5	42.5	8.1	50.6	74.0	-23.4	Peak	Vertical
	8276.0	35.3	8.1	43.4	74.0	-30.6	Peak	Vertical
*	9721.0	32.3	11.1	43.4	68.2	-24.8	Peak	Vertical
*	10171.5	34.1	11.7	45.8	68.2	-22.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	140	Test Engineer:	Jone Zhang
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
	7716.0	39.2	8.0	47.2	74.0	-26.8	Peak	Horizontal
	8386.5	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
*	9491.5	33.2	10.6	43.8	68.2	-24.4	Peak	Horizontal
*	11123.5	33.1	12.7	45.8	68.2	-22.4	Peak	Horizontal
	7596.0	39.3	8.1	47.4	74.0	-26.6	Peak	Vertical
	8191.0	34.6	8.3	42.9	74.0	-31.1	Peak	Vertical
*	8616.0	38.1	8.8	46.9	68.2	-21.3	Peak	Vertical
*	10069.5	33.1	11.5	44.6	68.2	-23.6	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
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
	7664.0	37.8	8.0	45.8	74.0	-28.2	Peak	Horizontal
	8386.5	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
*	9636.0	33.1	11.0	44.1	68.2	-24.1	Peak	Horizontal
*	10086.5	34.3	11.5	45.8	68.2	-22.4	Peak	Horizontal
	7664.0	41.4	8.0	49.4	74.0	-24.6	Peak	Vertical
	8369.5	33.8	8.0	41.8	74.0	-32.2	Peak	Vertical
*	9797.5	33.1	11.5	44.6	68.2	-23.6	Peak	Vertical
*	10120.5	34.1	11.6	45.7	68.2	-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.

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
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
	7716.0	38.6	8.0	46.6	74.0	-27.4	Peak	Horizontal
	8454.5	36.2	8.2	44.4	74.0	-29.6	Peak	Horizontal
*	9797.5	34.4	11.5	45.9	68.2	-22.3	Peak	Horizontal
*	10120.5	35.3	11.6	46.9	68.2	-21.3	Peak	Horizontal
	7715.0	41.5	8.0	49.5	74.0	-24.5	Peak	Vertical
	8310.0	34.6	8.0	42.6	74.0	-31.4	Peak	Vertical
*	8879.5	34.1	9.2	43.3	68.2	-24.9	Peak	Vertical
*	10265.0	32.6	12.0	44.6	68.2	-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.

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
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	39.8	8.2	48.0	68.2	-20.2	Peak	Horizontal
*	8616.0	34.8	8.8	43.6	68.2	-24.6	Peak	Horizontal
	10792.0	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
	11429.5	33.3	12.6	45.9	74.0	-28.1	Peak	Horizontal
*	7766.0	42.6	8.2	50.8	68.2	-17.4	Peak	Vertical
*	8658.5	34.9	8.8	43.7	68.2	-24.5	Peak	Vertical
	10911.0	33.4	13.0	46.4	74.0	-27.6	Peak	Vertical
	11642.0	38.5	12.4	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.

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:	36	Test Engineer:	Alex Ma
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
*	6907.5	57.7	6.6	64.3	68.2	-3.9	Peak	Horizontal
*	7987.0	34.6	8.7	43.3	68.2	-24.9	Peak	Horizontal
	10928.0	32.9	13.0	45.9	74.0	-28.1	Peak	Horizontal
	11327.5	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
*	6907.5	59.5	6.6	66.1	68.2	-2.1	Peak	Vertical
*	7842.5	34.1	8.4	42.5	68.2	-25.7	Peak	Vertical
	10732.5	33.6	12.5	46.1	74.0	-27.9	Peak	Vertical
	11344.5	34.4	12.5	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
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
*	6958.5	57.8	6.7	64.5	68.2	-3.7	Peak	Horizontal
*	7876.5	34.4	8.4	42.8	68.2	-25.4	Peak	Horizontal
	10766.5	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
	11846.0	33.5	11.9	45.4	74.0	-28.6	Peak	Horizontal
*	6958.5	57.3	6.7	64.0	68.2	-4.2	Peak	Vertical
*	7893.5	34.0	8.3	42.3	68.2	-25.9	Peak	Vertical
	10885.5	33.0	12.9	45.9	74.0	-28.1	Peak	Vertical
	11276.5	33.6	12.4	46.0	74.0	-28.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
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
*	6984.0	56.7	6.8	63.5	68.2	-4.7	Peak	Horizontal
*	7910.5	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
	10792.0	33.5	12.6	46.1	74.0	-27.9	Peak	Horizontal
	11174.5	33.6	12.6	46.2	74.0	-27.8	Peak	Horizontal
*	6984.0	55.3	6.8	62.1	68.2	-6.1	Peak	Vertical
*	7910.5	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
	10826.0	33.3	12.7	46.0	74.0	-28.0	Peak	Vertical
	11769.5	34.1	11.9	46.0	74.0	-28.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	7009.5	56.0	6.9	62.9	68.2	-5.3	Peak	Horizontal
*	7876.5	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	10715.5	33.5	12.4	45.9	74.0	-28.1	Peak	Horizontal
	11667.5	33.7	12.2	45.9	74.0	-28.1	Peak	Horizontal
*	7009.5	54.1	6.9	61.0	68.2	-7.2	Peak	Vertical
*	7851.0	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	10783.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical
	11480.5	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	7817.0	34.4	8.4	42.8	68.2	-25.4	Peak	Horizontal
*	8658.5	34.0	8.8	42.8	68.2	-25.4	Peak	Horizontal
	10834.5	33.4	12.7	46.1	74.0	-27.9	Peak	Horizontal
	11599.5	33.8	12.6	46.4	74.0	-27.6	Peak	Horizontal
*	7069.0	55.0	7.2	62.2	68.2	-6.0	Peak	Vertical
*	7885.0	33.5	8.3	41.8	68.2	-26.4	Peak	Vertical
	10987.5	33.1	13.0	46.1	74.0	-27.9	Peak	Vertical
	11786.5	34.3	11.9	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	7094.5	53.1	7.4	60.5	68.2	-7.7	Peak	Horizontal
*	7885.0	33.8	8.3	42.1	68.2	-26.1	Peak	Horizontal
	10843.0	32.9	12.7	45.6	74.0	-28.4	Peak	Horizontal
	11489.0	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	7094.5	52.5	7.4	59.9	68.2	-8.3	Peak	Vertical
*	7919.0	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
	10996.0	33.3	13.0	46.3	74.0	-27.7	Peak	Vertical
	11744.0	34.2	11.9	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	100	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	39.6	8.0	47.6	74.0	-26.4	Peak	Horizontal
	7604.5	35.0	8.1	43.1	74.0	-30.9	Peak	Horizontal
*	9899.5	33.6	11.6	45.2	68.2	-23.0	Peak	Horizontal
*	10350.0	32.7	12.2	44.9	68.2	-23.3	Peak	Horizontal
	7332.5	45.3	8.0	53.3	74.0	-20.7	Peak	Vertical
	7333.3	43.2	8.0	51.2	54.0	-2.8	Average	Vertical
	7579.0	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
*	9695.5	33.4	10.9	44.3	68.2	-23.9	Peak	Vertical
*	10078.0	33.5	11.5	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	120	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	42.8	8.1	50.9	74.0	-23.1	Peak	Horizontal
	7689.5	35.0	8.0	43.0	74.0	-31.0	Peak	Horizontal
*	8769.0	34.1	8.9	43.0	68.2	-25.2	Peak	Horizontal
*	10273.5	32.7	12.0	44.7	68.2	-23.5	Peak	Horizontal
	7466.7	44.1	8.1	52.2	54.0	-1.8	Average	Horizontal
	7468.5	46.0	8.1	54.1	74.0	-19.9	Peak	Vertical
	7638.5	35.3	8.0	43.3	74.0	-30.7	Peak	Vertical
*	8990.0	35.1	8.9	44.0	68.2	-24.2	Peak	Vertical
*	10273.5	33.0	12.0	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	140	Test Engineer:	Jone Zhang
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
	7604.5	37.0	8.1	45.1	74.0	-28.9	Peak	Horizontal
*	7876.5	33.9	8.4	42.3	68.2	-25.9	Peak	Horizontal
*	8769.0	33.6	8.9	42.5	68.2	-25.7	Peak	Horizontal
	11004.5	36.5	13.0	49.5	74.0	-24.5	Peak	Horizontal
	7596.0	40.5	8.1	48.6	74.0	-25.4	Peak	Vertical
	8310.0	34.7	8.0	42.7	74.0	-31.3	Peak	Vertical
*	8743.5	33.9	9.0	42.9	68.2	-25.3	Peak	Vertical
*	10214.0	32.9	11.8	44.7	68.2	-23.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
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
	7655.5	38.3	8.0	46.3	74.0	-27.7	Peak	Horizontal
	8276.0	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
*	8811.5	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
*	9814.5	33.1	11.6	44.7	68.2	-23.5	Peak	Horizontal
	7664.0	42.4	8.0	50.4	74.0	-23.6	Peak	Vertical
	8276.0	35.1	8.1	43.2	74.0	-30.8	Peak	Vertical
*	9712.5	33.0	11.0	44.0	68.2	-24.2	Peak	Vertical
*	9993.0	32.7	11.4	44.1	68.2	-24.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
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	37.6	8.0	45.6	74.0	-28.4	Peak	Horizontal
	8284.5	34.4	8.1	42.5	74.0	-31.5	Peak	Horizontal
*	8803.0	33.6	8.9	42.5	68.2	-25.7	Peak	Horizontal
*	9729.5	33.2	11.1	44.3	68.2	-23.9	Peak	Horizontal
	7715.0	42.1	8.0	50.1	74.0	-23.9	Peak	Vertical
	8386.5	33.7	8.1	41.8	74.0	-32.2	Peak	Vertical
*	8811.5	34.1	9.0	43.1	68.2	-25.1	Peak	Vertical
*	9772.0	32.5	11.4	43.9	68.2	-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.

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:	Jone Zhang
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	40.4	8.2	48.6	68.2	-19.6	Peak	Horizontal
*	8718.0	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	10911.0	33.0	13.0	46.0	74.0	-28.0	Peak	Horizontal
	11642.0	37.4	12.4	49.8	74.0	-24.2	Peak	Horizontal
*	7766.0	41.5	8.2	49.7	68.2	-18.5	Peak	Vertical
*	8735.0	34.3	8.9	43.2	68.2	-25.0	Peak	Vertical
	10851.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11659.0	37.7	12.3	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Jone Zhang
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
*	6907.5	59.7	6.6	66.3	68.2	-1.9	Peak	Horizontal
*	7876.5	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	10783.5	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
	11157.5	32.9	12.6	45.5	74.0	-28.5	Peak	Horizontal
*	6907.5	61.0	6.6	67.6	68.2	-0.6	Peak	Vertical
*	7876.5	34.1	8.4	42.5	68.2	-25.7	Peak	Vertical
	10928.0	32.8	13.0	45.8	74.0	-28.2	Peak	Vertical
	11293.5	33.7	12.5	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Jone Zhang
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
*	6958.5	60.8	6.7	67.5	68.2	-0.7	Peak	Horizontal
*	7851.0	34.1	8.4	42.5	68.2	-25.7	Peak	Horizontal
	10894.0	33.6	12.9	46.5	74.0	-27.5	Peak	Horizontal
	11293.5	34.1	12.5	46.6	74.0	-27.4	Peak	Horizontal
*	6958.5	59.0	6.7	65.7	68.2	-2.5	Peak	Vertical
*	7919.0	33.9	8.4	42.3	68.2	-25.9	Peak	Vertical
	10792.0	32.9	12.6	45.5	74.0	-28.5	Peak	Vertical
	11438.0	33.0	12.6	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Jone Zhang
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
*	6984.0	58.5	6.8	65.3	68.2	-2.9	Peak	Horizontal
*	7919.0	33.8	8.4	42.2	68.2	-26.0	Peak	Horizontal
	10732.5	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
	11582.5	33.6	12.6	46.2	74.0	-27.8	Peak	Horizontal
*	6984.0	57.4	6.8	64.2	68.2	-4.0	Peak	Vertical
*	7953.0	35.3	8.6	43.9	68.2	-24.3	Peak	Vertical
	10877.0	33.3	12.9	46.2	74.0	-27.8	Peak	Vertical
	11327.5	34.5	12.5	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	7009.5	56.9	6.9	63.8	68.2	-4.4	Peak	Horizontal
*	7919.0	33.6	8.4	42.0	68.2	-26.2	Peak	Horizontal
	10851.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	11387.0	32.8	12.6	45.4	74.0	-28.6	Peak	Horizontal
*	7009.5	55.8	6.9	62.7	68.2	-5.5	Peak	Vertical
*	7825.5	34.4	8.4	42.8	68.2	-25.4	Peak	Vertical
	10834.5	33.3	12.7	46.0	74.0	-28.0	Peak	Vertical
	11574.0	33.2	12.6	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	7069.0	57.3	7.2	64.5	68.2	-3.7	Peak	Horizontal
*	7961.5	34.3	8.6	42.9	68.2	-25.3	Peak	Horizontal
	10851.5	32.2	12.8	45.0	74.0	-29.0	Peak	Horizontal
	11421.0	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
*	7069.0	56.5	7.2	63.7	68.2	-4.5	Peak	Vertical
*	7851.0	34.0	8.4	42.4	68.2	-25.8	Peak	Vertical
	10851.5	33.1	12.8	45.9	74.0	-28.1	Peak	Vertical
	11769.5	33.9	11.9	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	7094.5	54.0	7.4	61.4	68.2	-6.8	Peak	Horizontal
*	7876.5	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	10817.5	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
	11429.5	33.3	12.6	45.9	74.0	-28.1	Peak	Horizontal
*	7094.5	52.5	7.4	59.9	68.2	-8.3	Peak	Vertical
*	7876.5	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	10749.5	34.3	12.5	46.8	74.0	-27.2	Peak	Vertical
	11327.5	34.3	12.5	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	100	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	41.7	8.0	49.7	74.0	-24.3	Peak	Horizontal
	7502.5	33.9	8.3	42.2	74.0	-31.8	Peak	Horizontal
*	8667.0	34.9	8.9	43.8	68.2	-24.4	Peak	Horizontal
*	8888.0	34.4	9.2	43.6	68.2	-24.6	Peak	Horizontal
	7332.5	47.6	8.0	55.6	74.0	-18.4	Peak	Vertical
	7333.3	45.0	8.0	53.0	54.0	-1.0	Average	Vertical
	7672.5	34.3	8.0	42.3	74.0	-31.7	Peak	Vertical
*	8743.5	34.4	9.0	43.4	68.2	-24.8	Peak	Vertical
*	9755.0	32.3	11.4	43.7	68.2	-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.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	120	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	39.5	8.1	47.6	74.0	-26.4	Peak	Horizontal
	8165.5	33.7	8.4	42.1	74.0	-31.9	Peak	Horizontal
*	8769.0	35.8	8.9	44.7	68.2	-23.5	Peak	Horizontal
*	10273.5	33.5	12.0	45.5	68.2	-22.7	Peak	Horizontal
	7466.7	44.6	8.1	52.7	54.0	-1.3	Average	Vertical
	7468.5	45.6	8.1	53.7	74.0	-20.3	Peak	Vertical
	8242.0	34.6	8.1	42.7	74.0	-31.3	Peak	Vertical
*	8888.0	34.6	9.2	43.8	68.2	-24.4	Peak	Vertical
*	10273.5	36.5	12.0	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	140	Test Engineer:	Jone Zhang
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
*	7842.5	34.1	8.4	42.5	68.2	-25.7	Peak	Horizontal
*	8743.5	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
	10826.0	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	11455.0	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
	7596.0	42.7	8.1	50.8	74.0	-23.2	Peak	Vertical
	8361.0	33.7	8.0	41.7	74.0	-32.3	Peak	Vertical
*	8905.0	34.4	9.2	43.6	68.2	-24.6	Peak	Vertical
*	9678.5	32.9	10.9	43.8	68.2	-24.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
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	34.1	8.4	42.5	68.2	-25.7	Peak	Horizontal
*	8930.5	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	10783.5	33.7	12.6	46.3	74.0	-27.7	Peak	Horizontal
	11582.5	33.7	12.6	46.3	74.0	-27.7	Peak	Horizontal
	7664.0	43.5	8.0	51.5	74.0	-22.5	Peak	Vertical
	8335.5	33.9	8.0	41.9	74.0	-32.1	Peak	Vertical
*	8692.5	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
*	8888.0	34.3	9.2	43.5	68.2	-24.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
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	39.5	8.0	47.5	74.0	-26.5	Peak	Horizontal
	8327.0	33.6	8.0	41.6	74.0	-32.4	Peak	Horizontal
*	8709.5	33.6	9.0	42.6	68.2	-25.6	Peak	Horizontal
*	9670.0	32.7	10.9	43.6	68.2	-24.6	Peak	Horizontal
	7713.3	43.2	8.0	51.2	54.0	-2.8	Average	Vertical
	7715.0	46.5	8.0	54.5	74.0	-19.5	Peak	Vertical
	8318.5	33.7	8.0	41.7	74.0	-32.3	Peak	Vertical
*	8905.0	33.9	9.2	43.1	68.2	-25.1	Peak	Vertical
*	9721.0	32.7	11.1	43.8	68.2	-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.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
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	42.0	8.2	50.2	68.2	-18.0	Peak	Horizontal
*	8871.0	34.0	9.1	43.1	68.2	-25.1	Peak	Horizontal
	11285.0	34.0	12.4	46.4	74.0	-27.6	Peak	Horizontal
	11642.0	38.7	12.4	51.1	74.0	-22.9	Peak	Horizontal
*	7746.0	45.6	8.2	53.8	68.2	-14.4	Peak	Vertical
*	8692.5	33.6	9.0	42.6	68.2	-25.6	Peak	Vertical
	11072.5	33.6	12.8	46.4	74.0	-27.6	Peak	Vertical
	11659.0	38.0	12.3	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Jone Zhang
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
*	6916.0	54.4	6.6	61.0	68.2	-7.2	Peak	Horizontal
	7746.0	45.6	8.2	53.8	74.0	-20.2	Peak	Horizontal
	8318.5	33.7	8.0	41.7	74.0	-32.3	Peak	Horizontal
*	9678.5	32.4	10.9	43.3	68.2	-24.9	Peak	Horizontal
*	6916.0	53.7	6.6	60.3	68.2	-7.9	Peak	Vertical
	7604.5	35.3	8.1	43.4	74.0	-30.6	Peak	Vertical
	8386.5	33.7	8.1	41.8	74.0	-32.2	Peak	Vertical
*	9772.0	32.4	11.4	43.8	68.2	-24.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Jone Zhang
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
*	6975.5	57.3	6.8	64.1	68.2	-4.1	Peak	Horizontal
*	7868.0	34.0	8.4	42.4	68.2	-25.8	Peak	Horizontal
	10741.0	33.2	12.5	45.7	74.0	-28.3	Peak	Horizontal
	11684.5	33.2	12.1	45.3	74.0	-28.7	Peak	Horizontal
*	6975.5	56.3	6.8	63.1	68.2	-5.1	Peak	Vertical
*	7885.0	34.1	8.3	42.4	68.2	-25.8	Peak	Vertical
	10783.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical
	11140.5	33.7	12.6	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	54	Test Engineer:	Jone Zhang
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
*	7026.5	55.2	6.9	62.1	68.2	-6.1	Peak	Horizontal
*	7851.0	33.9	8.4	42.3	68.2	-25.9	Peak	Horizontal
	10741.0	33.1	12.5	45.6	74.0	-28.4	Peak	Horizontal
	11319.0	33.7	12.5	46.2	74.0	-27.8	Peak	Horizontal
*	7026.5	53.7	6.9	60.6	68.2	-7.6	Peak	Vertical
*	7910.5	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
	10724.0	33.1	12.4	45.5	74.0	-28.5	Peak	Vertical
	11684.5	33.6	12.1	45.7	74.0	-28.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	62	Test Engineer:	Jone Zhang
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
*	7077.5	51.4	7.3	58.7	68.2	-9.5	Peak	Horizontal
*	7876.5	34.3	8.4	42.7	68.2	-25.5	Peak	Horizontal
	10843.0	32.6	12.7	45.3	74.0	-28.7	Peak	Horizontal
	11684.5	33.8	12.1	45.9	74.0	-28.1	Peak	Horizontal
*	7077.5	50.0	7.3	57.3	68.2	-10.9	Peak	Vertical
*	7970.0	34.1	8.6	42.7	68.2	-25.5	Peak	Vertical
	10911.0	32.9	13.0	45.9	74.0	-28.1	Peak	Vertical
	11480.5	33.1	12.7	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	102	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	42.4	8.0	50.4	74.0	-23.6	Peak	Horizontal
	7596.0	34.3	8.1	42.4	74.0	-31.6	Peak	Horizontal
*	7953.0	35.3	8.6	43.9	68.2	-24.3	Peak	Horizontal
*	8862.5	34.4	9.1	43.5	68.2	-24.7	Peak	Horizontal
	7346.6	43.8	8.0	51.8	54.0	-2.2	Average	Vertical
	7349.5	47.3	8.0	55.3	74.0	-18.7	Peak	Vertical
	7536.5	34.0	8.3	42.3	74.0	-31.7	Peak	Vertical
*	7885.0	33.7	8.3	42.0	68.2	-26.2	Peak	Vertical
*	8930.5	33.8	9.0	42.8	68.2	-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.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	118	Test Engineer:	Jone Zhang
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
	7451.5	39.2	8.0	47.2	74.0	-26.8	Peak	Horizontal
	7672.5	34.9	8.0	42.9	74.0	-31.1	Peak	Horizontal
*	8735.0	34.2	8.9	43.1	68.2	-25.1	Peak	Horizontal
*	9636.0	32.4	11.0	43.4	68.2	-24.8	Peak	Horizontal
	7451.5	43.0	8.0	51.0	74.0	-23.0	Peak	Vertical
	7672.5	34.2	8.0	42.2	74.0	-31.8	Peak	Vertical
*	8777.5	33.7	8.9	42.6	68.2	-25.6	Peak	Vertical
*	9976.0	32.7	11.4	44.1	68.2	-24.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	134	Test Engineer:	Jone Zhang
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
*	7842.5	34.2	8.4	42.6	68.2	-25.6	Peak	Horizontal
*	8888.0	33.7	9.2	42.9	68.2	-25.3	Peak	Horizontal
	10792.0	33.4	12.6	46.0	74.0	-28.0	Peak	Horizontal
	11684.5	34.3	12.1	46.4	74.0	-27.6	Peak	Horizontal
	7562.0	42.2	8.2	50.4	74.0	-23.6	Peak	Vertical
	8386.5	34.3	8.1	42.4	74.0	-31.6	Peak	Vertical
*	8769.0	34.1	8.9	43.0	68.2	-25.2	Peak	Vertical
*	9814.5	32.2	11.6	43.8	68.2	-24.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
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	33.7	8.4	42.1	68.2	-26.1	Peak	Horizontal
*	8811.5	34.3	9.0	43.3	68.2	-24.9	Peak	Horizontal
	10766.5	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
	11123.5	33.3	12.7	46.0	74.0	-28.0	Peak	Horizontal
	7672.5	40.5	8.0	48.5	74.0	-25.5	Peak	Vertical
	8463.0	35.3	8.2	43.5	74.0	-30.5	Peak	Vertical
*	9653.0	34.3	11.0	45.3	68.2	-22.9	Peak	Vertical
*	10027.0	33.7	11.5	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
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
	7723.5	42.4	8.0	50.4	74.0	-23.6	Peak	Horizontal
	8386.5	33.6	8.1	41.7	74.0	-32.3	Peak	Horizontal
*	9636.0	32.8	11.0	43.8	68.2	-24.4	Peak	Horizontal
*	9916.5	33.2	11.5	44.7	68.2	-23.5	Peak	Horizontal
	7723.5	46.7	8.0	54.7	74.0	-19.3	Peak	Vertical
	7726.8	41.0	8.0	49.0	54.0	-5.0	Average	Vertical
	8395.0	34.6	8.1	42.7	74.0	-31.3	Peak	Vertical
*	9721.0	33.4	11.1	44.5	68.2	-23.7	Peak	Vertical
*	10350.0	34.1	12.2	46.3	68.2	-21.9	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.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Jone Zhang
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
*	6907.5	57.2	6.6	63.8	68.2	-4.4	Peak	Horizontal
*	7910.5	34.2	8.4	42.6	68.2	-25.6	Peak	Horizontal
	10732.5	33.6	12.5	46.1	74.0	-27.9	Peak	Horizontal
	11183.0	33.2	12.6	45.8	74.0	-28.2	Peak	Horizontal
*	6907.5	58.6	6.6	65.2	68.2	-3.0	Peak	Vertical
*	7842.5	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
	10724.0	34.0	12.4	46.4	74.0	-27.6	Peak	Vertical
	11489.0	33.6	12.8	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Jone Zhang
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
*	6958.5	60.0	6.7	66.7	68.2	-1.5	Peak	Horizontal
*	7842.5	34.5	8.4	42.9	68.2	-25.3	Peak	Horizontal
	10732.5	33.2	12.5	45.7	74.0	-28.3	Peak	Horizontal
	11897.0	33.6	11.8	45.4	74.0	-28.6	Peak	Horizontal
*	6958.5	60.5	6.7	67.2	68.2	-1.0	Peak	Vertical
*	7876.5	33.8	8.4	42.2	68.2	-26.0	Peak	Vertical
	10783.5	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical
	12271.0	33.8	11.7	45.5	74.0	-28.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Jone Zhang
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
*	6984.0	59.5	6.8	66.3	68.2	-1.9	Peak	Horizontal
*	8539.5	33.9	8.5	42.4	68.2	-25.8	Peak	Horizontal
	9092.0	34.3	9.2	43.5	74.0	-30.5	Peak	Horizontal
	10783.5	33.4	12.6	46.0	74.0	-28.0	Peak	Horizontal
*	6984.0	59.0	6.8	65.8	68.2	-2.4	Peak	Vertical
*	7953.0	35.5	8.6	44.1	68.2	-24.1	Peak	Vertical
	9338.5	35.2	10.4	45.6	74.0	-28.4	Peak	Vertical
	10639.0	32.5	12.3	44.8	74.0	-29.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	52	Test Engineer:	Jone Zhang
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
*	7009.5	57.7	6.9	64.6	68.2	-3.6	Peak	Horizontal
*	7774.5	35.2	8.2	43.4	68.2	-24.8	Peak	Horizontal
	9177.0	34.1	10.0	44.1	74.0	-29.9	Peak	Horizontal
	11123.5	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
*	7009.5	56.0	6.9	62.9	68.2	-5.3	Peak	Vertical
*	7987.0	34.1	8.7	42.8	68.2	-25.4	Peak	Vertical
	9423.5	33.6	10.6	44.2	74.0	-29.8	Peak	Vertical
	10732.5	34.2	12.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	60	Test Engineer:	Jone Zhang
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
*	7069.0	57.0	7.2	64.2	68.2	-4.0	Peak	Horizontal
*	7808.5	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
	9134.5	33.9	9.7	43.6	74.0	-30.4	Peak	Horizontal
	10826.0	33.6	12.7	46.3	74.0	-27.7	Peak	Horizontal
*	7069.0	57.1	7.2	64.3	68.2	-3.9	Peak	Vertical
*	7842.5	34.1	8.4	42.5	68.2	-25.7	Peak	Vertical
	9092.0	33.9	9.2	43.1	74.0	-30.9	Peak	Vertical
	10826.0	34.5	12.7	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	64	Test Engineer:	Jone Zhang
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
*	7094.5	54.0	7.4	61.4	68.2	-6.8	Peak	Horizontal
*	7987.0	34.0	8.7	42.7	68.2	-25.5	Peak	Horizontal
	9177.0	35.0	10.0	45.0	74.0	-29.0	Peak	Horizontal
	11225.5	34.1	12.4	46.5	74.0	-27.5	Peak	Horizontal
*	7094.5	52.7	7.4	60.1	68.2	-8.1	Peak	Vertical
*	7876.5	34.4	8.4	42.8	68.2	-25.4	Peak	Vertical
	9338.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	11072.5	33.5	12.8	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	100	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	43.7	8.0	51.7	74.0	-22.3	Peak	Horizontal
	8352.5	34.2	8.0	42.2	74.0	-31.8	Peak	Horizontal
*	9296.0	34.4	10.3	44.7	68.2	-23.5	Peak	Horizontal
*	12781.0	34.1	11.7	45.8	68.2	-22.4	Peak	Horizontal
	7332.5	47.0	8.0	55.0	74.0	-19.0	Peak	Vertical
	7333.3	45.6	8.0	53.6	54.0	-0.4	Average	Vertical
	8055.0	35.3	8.8	44.1	74.0	-29.9	Peak	Vertical
*	10537.0	32.2	12.5	44.7	68.2	-23.5	Peak	Vertical
*	13852.0	35.9	14.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	120	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	40.3	8.1	48.4	74.0	-25.6	Peak	Horizontal
	9338.5	34.3	10.4	44.7	74.0	-29.3	Peak	Horizontal
*	10350.0	33.0	12.2	45.2	68.2	-23.0	Peak	Horizontal
*	12840.5	34.3	11.9	46.2	68.2	-22.0	Peak	Horizontal
	7466.7	45.0	8.1	53.1	54.0	-0.9	Average	Vertical
	7468.5	45.6	8.1	53.7	74.0	-20.3	Peak	Vertical
	8276.0	34.5	8.1	42.6	74.0	-31.4	Peak	Vertical
*	8769.0	33.4	8.9	42.3	68.2	-25.9	Peak	Vertical
*	12840.5	34.6	11.9	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	140	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	31.6	8.0	39.6	74.0	-34.4	Peak	Horizontal
	7570.5	34.5	8.2	42.7	74.0	-31.3	Peak	Horizontal
*	8692.5	34.2	9.0	43.2	68.2	-25.0	Peak	Horizontal
*	13189.0	33.0	12.6	45.6	68.2	-22.6	Peak	Horizontal
	7596.0	43.8	8.1	51.9	74.0	-22.1	Peak	Vertical
	9338.5	34.7	10.4	45.1	74.0	-28.9	Peak	Vertical
*	10401.0	34.7	12.3	47.0	68.2	-21.2	Peak	Vertical
*	13979.5	35.3	14.8	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	144	Test Engineer:	Jone Zhang
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
	7630.0	42.6	8.0	50.6	74.0	-23.4	Peak	Horizontal
	8242.0	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
*	9219.5	34.0	10.1	44.1	68.2	-24.1	Peak	Horizontal
*	12951.0	33.6	12.1	45.7	68.2	-22.5	Peak	Horizontal
	7626.7	45.7	8.0	53.7	54.0	-0.3	Average	Vertical
	7630.0	48.0	8.0	56.0	74.0	-18.0	Peak	Vertical
	8276.0	34.7	8.1	42.8	74.0	-31.2	Peak	Vertical
*	9593.5	32.9	10.9	43.8	68.2	-24.4	Peak	Vertical
*	12721.5	35.5	11.7	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
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
	7664.0	39.8	8.0	47.8	74.0	-26.2	Peak	Horizontal
	9134.5	34.2	9.7	43.9	74.0	-30.1	Peak	Horizontal
*	9636.0	33.2	11.0	44.2	68.2	-24.0	Peak	Horizontal
*	12891.5	34.7	12.0	46.7	68.2	-21.5	Peak	Horizontal
	7660.0	43.5	8.0	51.5	54.0	-2.5	Average	Vertical
	7664.0	45.9	8.0	53.9	74.0	-20.1	Peak	Vertical
	9092.0	33.8	9.2	43.0	74.0	-31.0	Peak	Vertical
*	10120.5	33.8	11.6	45.4	68.2	-22.8	Peak	Vertical
*	14107.0	35.3	15.2	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
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	41.0	8.0	49.0	74.0	-25.0	Peak	Horizontal
	9177.0	34.3	10.0	44.3	74.0	-29.7	Peak	Horizontal
*	9857.0	33.5	11.6	45.1	68.2	-23.1	Peak	Horizontal
*	12840.5	34.9	11.9	46.8	68.2	-21.4	Peak	Horizontal
	7713.4	43.5	8.0	51.5	54.0	-2.5	Average	Vertical
	7715.0	46.7	8.0	54.7	74.0	-19.3	Peak	Vertical
	9134.5	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
*	9993.0	32.7	11.4	44.1	68.2	-24.1	Peak	Vertical
*	13129.5	33.2	12.5	45.7	68.2	-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.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
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	41.9	8.2	50.1	68.2	-18.1	Peak	Horizontal
*	9296.0	35.9	10.3	46.2	68.2	-22.0	Peak	Horizontal
	10732.5	33.3	12.5	45.8	74.0	-28.2	Peak	Horizontal
	11650.5	38.5	12.3	50.8	74.0	-23.2	Peak	Horizontal
*	7766.0	45.5	8.2	53.7	68.2	-14.5	Peak	Vertical
*	9296.0	34.9	10.3	45.2	68.2	-23.0	Peak	Vertical
	10877.0	34.1	12.9	47.0	74.0	-27.0	Peak	Vertical
	12551.5	34.8	11.3	46.1	74.0	-27.9	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.

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Jone Zhang
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
*	6916.0	52.7	6.6	59.3	68.2	-8.9	Peak	Horizontal
*	8658.5	34.9	8.8	43.7	68.2	-24.5	Peak	Horizontal
	9423.5	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	10877.0	33.6	12.9	46.5	74.0	-27.5	Peak	Horizontal
*	6916.0	53.8	6.6	60.4	68.2	-7.8	Peak	Vertical
*	7876.5	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
	9134.5	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
	10681.5	33.7	12.4	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Jone Zhang
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
*	6975.5	57.4	6.8	64.2	68.2	-4.0	Peak	Horizontal
*	7842.5	34.4	8.4	42.8	68.2	-25.4	Peak	Horizontal
	9177.0	33.7	10.0	43.7	74.0	-30.3	Peak	Horizontal
	10681.5	33.9	12.4	46.3	74.0	-27.7	Peak	Horizontal
*	6975.5	55.1	6.8	61.9	68.2	-6.3	Peak	Vertical
*	7876.5	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
	9092.0	34.2	9.2	43.4	74.0	-30.6	Peak	Vertical
	10783.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	54	Test Engineer:	Jone Zhang
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
*	7026.5	56.2	6.9	63.1	68.2	-5.1	Peak	Horizontal
*	7842.5	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
	9092.0	33.5	9.2	42.7	74.0	-31.3	Peak	Horizontal
	10877.0	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
*	7026.5	53.8	6.9	60.7	68.2	-7.5	Peak	Vertical
*	7876.5	34.7	8.4	43.1	68.2	-25.1	Peak	Vertical
	9134.5	34.1	9.7	43.8	74.0	-30.2	Peak	Vertical
	10639.0	33.9	12.3	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	62	Test Engineer:	Jone Zhang
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
*	7077.5	50.9	7.3	58.2	68.2	-10.0	Peak	Horizontal
*	7808.5	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
	9092.0	34.1	9.2	43.3	74.0	-30.7	Peak	Horizontal
	10877.0	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
*	7077.5	50.4	7.3	57.7	68.2	-10.5	Peak	Vertical
*	7876.5	34.2	8.4	42.6	68.2	-25.6	Peak	Vertical
	9177.0	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
	10970.5	34.4	13.1	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	102	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	43.0	8.0	51.0	74.0	-23.0	Peak	Horizontal
	9049.5	33.4	9.0	42.4	74.0	-31.6	Peak	Horizontal
*	9721.0	32.8	11.1	43.9	68.2	-24.3	Peak	Horizontal
*	12755.5	34.3	11.7	46.0	68.2	-22.2	Peak	Horizontal
	7346.6	44.3	8.0	52.3	54.0	-1.7	Average	Vertical
	7349.5	47.4	8.0	55.4	74.0	-18.6	Peak	Vertical
	8352.5	34.7	8.0	42.7	74.0	-31.3	Peak	Vertical
*	9678.5	33.8	10.9	44.7	68.2	-23.5	Peak	Vertical
*	10265.0	33.2	12.0	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	118	Test Engineer:	Jone Zhang
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
	7451.5	38.6	8.0	46.6	74.0	-27.4	Peak	Horizontal
	8352.5	34.3	8.0	42.3	74.0	-31.7	Peak	Horizontal
*	9508.5	33.7	10.6	44.3	68.2	-23.9	Peak	Horizontal
*	10537.0	32.8	12.5	45.3	68.2	-22.9	Peak	Horizontal
	7451.5	45.3	8.0	53.3	74.0	-20.7	Peak	Vertical
	7453.3	41.7	8.1	49.8	54.0	-4.2	Average	Vertical
	8352.5	33.9	8.0	41.9	74.0	-32.1	Peak	Vertical
*	9508.5	32.8	10.6	43.4	68.2	-24.8	Peak	Vertical
*	13427.0	35.5	13.6	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	134	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	37.5	8.0	45.5	74.0	-28.5	Peak	Horizontal
	7366.5	35.1	7.9	43.0	74.0	-31.0	Peak	Horizontal
*	7876.5	34.2	8.4	42.6	68.2	-25.6	Peak	Horizontal
*	10035.5	32.7	11.5	44.2	68.2	-24.0	Peak	Horizontal
	7562.0	43.7	8.2	51.9	74.0	-22.1	Peak	Vertical
	8352.5	34.9	8.0	42.9	74.0	-31.1	Peak	Vertical
*	9296.0	34.4	10.3	44.7	68.2	-23.5	Peak	Vertical
*	12721.5	35.8	11.7	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	142	Test Engineer:	Jone Zhang
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
	7298.5	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
	7630.0	41.5	8.0	49.5	74.0	-24.5	Peak	Horizontal
*	8582.0	35.1	8.6	43.7	68.2	-24.5	Peak	Horizontal
*	9678.5	32.6	10.9	43.5	68.2	-24.7	Peak	Horizontal
	7613.0	43.9	8.1	52.0	74.0	-22.0	Peak	Vertical
	8386.5	34.5	8.1	42.6	74.0	-31.4	Peak	Vertical
*	9551.0	33.2	10.8	44.0	68.2	-24.2	Peak	Vertical
*	12781.0	34.2	11.7	45.9	68.2	-22.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
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
	7451.5	39.7	8.0	47.7	74.0	-26.3	Peak	Horizontal
	8352.5	34.3	8.0	42.3	74.0	-31.7	Peak	Horizontal
*	9678.5	33.5	10.9	44.4	68.2	-23.8	Peak	Horizontal
*	10035.5	32.7	11.5	44.2	68.2	-24.0	Peak	Horizontal
	7672.5	41.7	8.0	49.7	74.0	-24.3	Peak	Vertical
	8386.5	34.2	8.1	42.3	74.0	-31.7	Peak	Vertical
*	9219.5	36.0	10.1	46.1	68.2	-22.1	Peak	Vertical
*	12781.0	34.8	11.7	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
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
	7723.5	40.7	8.0	48.7	74.0	-25.3	Peak	Horizontal
	8429.0	34.5	8.2	42.7	74.0	-31.3	Peak	Horizontal
*	9219.5	35.3	10.1	45.4	68.2	-22.8	Peak	Horizontal
*	10214.0	33.3	11.8	45.1	68.2	-23.1	Peak	Horizontal
	7723.5	46.8	8.0	54.8	74.0	-19.2	Peak	Vertical
	7726.7	41.6	8.0	49.6	54.0	-4.4	Average	Vertical
	9177.0	34.4	10.0	44.4	74.0	-29.6	Peak	Vertical
*	9814.5	33.7	11.6	45.3	68.2	-22.9	Peak	Vertical
*	13129.5	33.5	12.5	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Jone Zhang
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
*	6950.0	53.6	6.7	60.3	68.2	-7.9	Peak	Horizontal
*	8582.0	34.9	8.6	43.5	68.2	-24.7	Peak	Horizontal
	10826.0	34.0	12.7	46.7	74.0	-27.3	Peak	Horizontal
	13308.0	35.6	13.2	48.8	74.0	-25.2	Peak	Horizontal
*	6950.0	53.8	6.7	60.5	68.2	-7.7	Peak	Vertical
*	7808.5	34.5	8.4	42.9	68.2	-25.3	Peak	Vertical
	9049.5	34.2	9.0	43.2	74.0	-30.8	Peak	Vertical
	10928.0	33.8	13.0	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	58	Test Engineer:	Jone Zhang
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
*	7052.0	51.7	7.1	58.8	68.2	-9.4	Peak	Horizontal
*	7774.5	34.8	8.2	43.0	68.2	-25.2	Peak	Horizontal
	9338.5	35.1	10.4	45.5	74.0	-28.5	Peak	Horizontal
	10681.5	33.5	12.4	45.9	74.0	-28.1	Peak	Horizontal
*	7052.0	50.7	7.1	57.8	68.2	-10.4	Peak	Vertical
*	8505.5	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
	9381.0	34.2	10.5	44.7	74.0	-29.3	Peak	Vertical
	10877.0	33.5	12.9	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	106	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	41.2	7.9	49.1	74.0	-24.9	Peak	Horizontal
	8352.5	34.1	8.0	42.1	74.0	-31.9	Peak	Horizontal
*	9508.5	33.0	10.6	43.6	68.2	-24.6	Peak	Horizontal
*	10443.5	33.4	12.0	45.4	68.2	-22.8	Peak	Horizontal
	7373.3	40.9	7.9	48.8	54.0	-5.2	Average	Vertical
	7375.0	46.2	7.9	54.1	74.0	-19.9	Peak	Vertical
	8386.5	34.5	8.1	42.6	74.0	-31.4	Peak	Vertical
*	9593.5	33.5	10.9	44.4	68.2	-23.8	Peak	Vertical
*	12951.0	33.6	12.1	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	122	Test Engineer:	Jone Zhang
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
	7477.0	39.1	8.2	47.3	74.0	-26.7	Peak	Horizontal
	9015.5	34.1	8.9	43.0	74.0	-31.0	Peak	Horizontal
*	9508.5	32.8	10.6	43.4	68.2	-24.8	Peak	Horizontal
*	12951.0	34.1	12.1	46.2	68.2	-22.0	Peak	Horizontal
	7477.0	42.1	8.2	50.3	74.0	-23.7	Peak	Vertical
	8429.0	35.7	8.2	43.9	74.0	-30.1	Peak	Vertical
*	9296.0	34.5	10.3	44.8	68.2	-23.4	Peak	Vertical
*	12951.0	33.7	12.1	45.8	68.2	-22.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	138	Test Engineer:	Jone Zhang
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
*	7077.5	50.9	7.3	58.2	68.2	-10.0	Peak	Horizontal
*	7808.5	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
	9092.0	34.1	9.2	43.3	74.0	-30.7	Peak	Horizontal
	10877.0	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
	7587.5	42.7	8.2	50.9	74.0	-23.1	Peak	Vertical
	8310.0	34.5	8.0	42.5	74.0	-31.5	Peak	Vertical
*	9508.5	33.8	10.6	44.4	68.2	-23.8	Peak	Vertical
*	12840.5	34.4	11.9	46.3	68.2	-21.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Jone Zhang
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
	7723.5	38.9	8.0	46.9	74.0	-27.1	Peak	Horizontal
	8429.0	35.7	8.2	43.9	74.0	-30.1	Peak	Horizontal
*	9219.5	33.2	10.1	43.3	68.2	-24.9	Peak	Horizontal
*	10214.0	34.7	11.8	46.5	68.2	-21.7	Peak	Horizontal
	7698.0	42.9	8.0	50.9	74.0	-23.1	Peak	Vertical
	8242.0	35.0	8.1	43.1	74.0	-30.9	Peak	Vertical
*	9593.5	33.2	10.9	44.1	68.2	-24.1	Peak	Vertical
*	12781.0	35.7	11.7	47.4	68.2	-20.8	Peak	Vertical

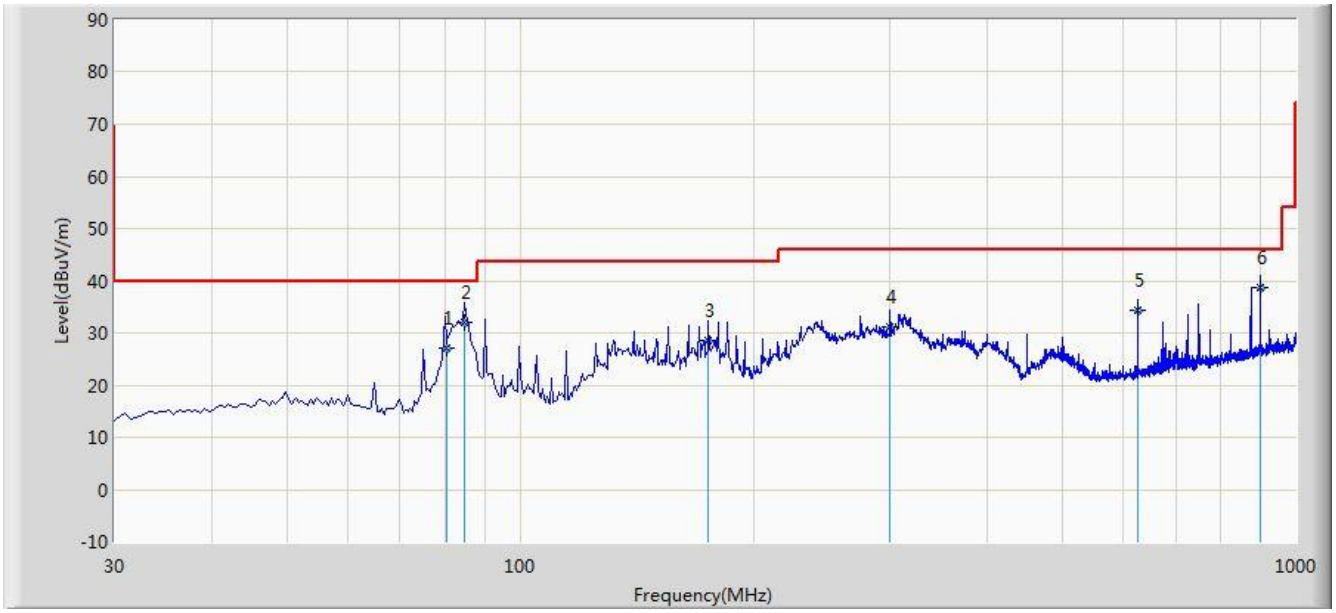
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2017/05/02 - 16:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: By POE
Worst Mode: Transmit by 802.11ac-VHT20 at channel 5785MHz	



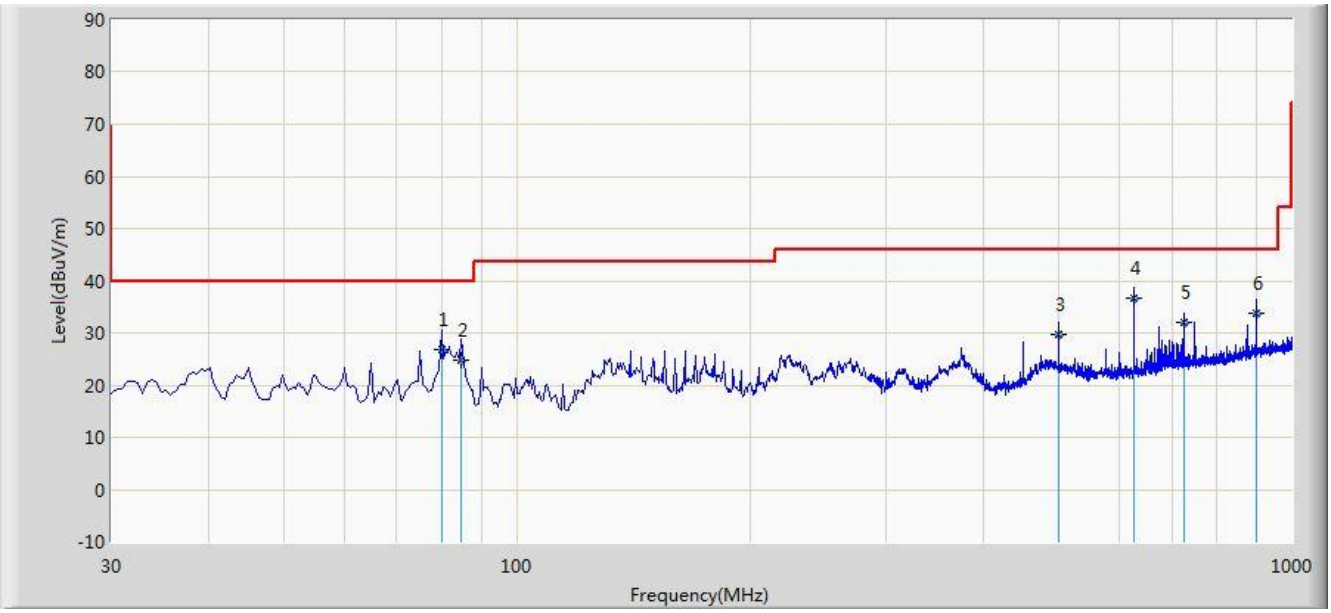
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			80.400	27.057	17.610	-12.943	40.000	9.447	QP
2			84.960	31.985	21.900	-8.015	40.000	10.085	QP
3			175.050	28.636	18.080	-14.864	43.500	10.557	QP
4			300.150	31.149	16.570	-14.851	46.000	14.579	QP
5			625.080	34.228	13.850	-11.772	46.000	20.379	QP
6		*	900.120	38.669	14.520	-7.331	46.000	24.149	QP

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

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

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

Site: AC2	Time: 2017/05/02 - 16:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Snake Ni
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: By POE
Worst Mode: Transmit by 802.11ac-VHT20 at channel 5785MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			80.050	26.868	17.470	-13.132	40.000	9.398	QP
2			84.920	24.730	14.650	-15.270	40.000	10.080	QP
3			500.000	29.632	11.300	-16.368	46.000	18.332	QP
4		*	625.100	36.809	16.430	-9.191	46.000	20.379	QP
5			725.010	32.018	10.050	-13.982	46.000	21.968	QP
6			900.000	33.688	9.540	-12.312	46.000	24.149	QP

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

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

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

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not

exceed an e.i.r.p. of -27 dBm/MHz.

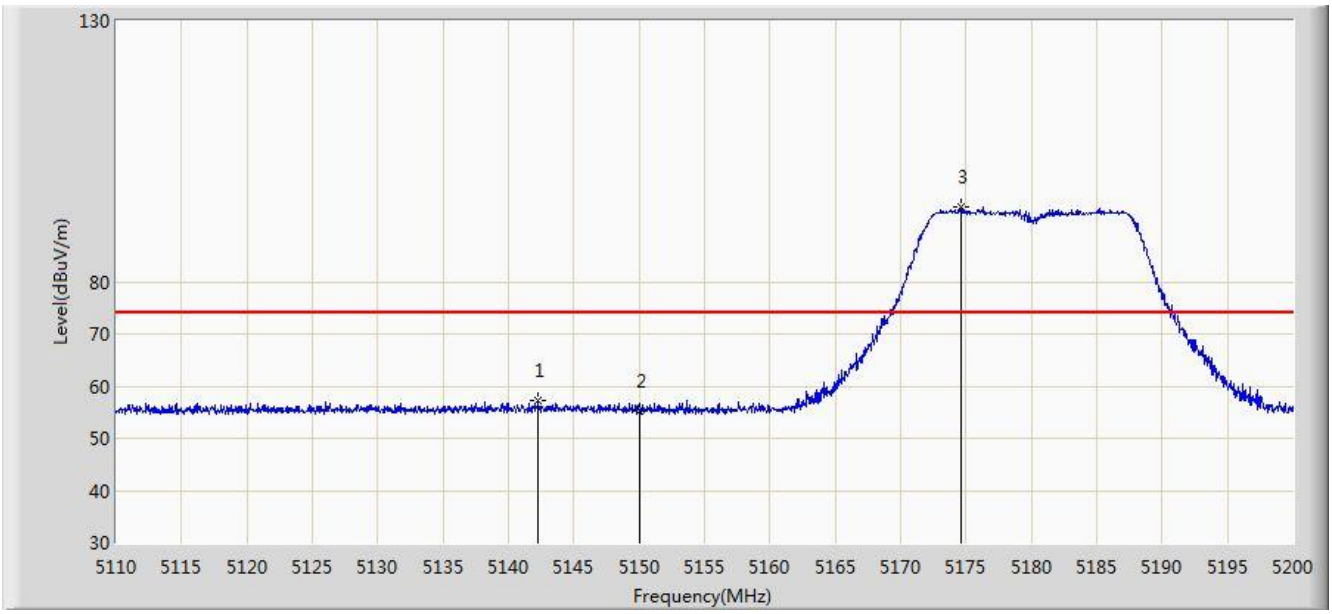
Refer to KDB 789033 D02v01r03 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

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

7.9.2. Test Result of Radiated Restricted Band Edge

Site: AC1	Time: 2017/04/16 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 0	

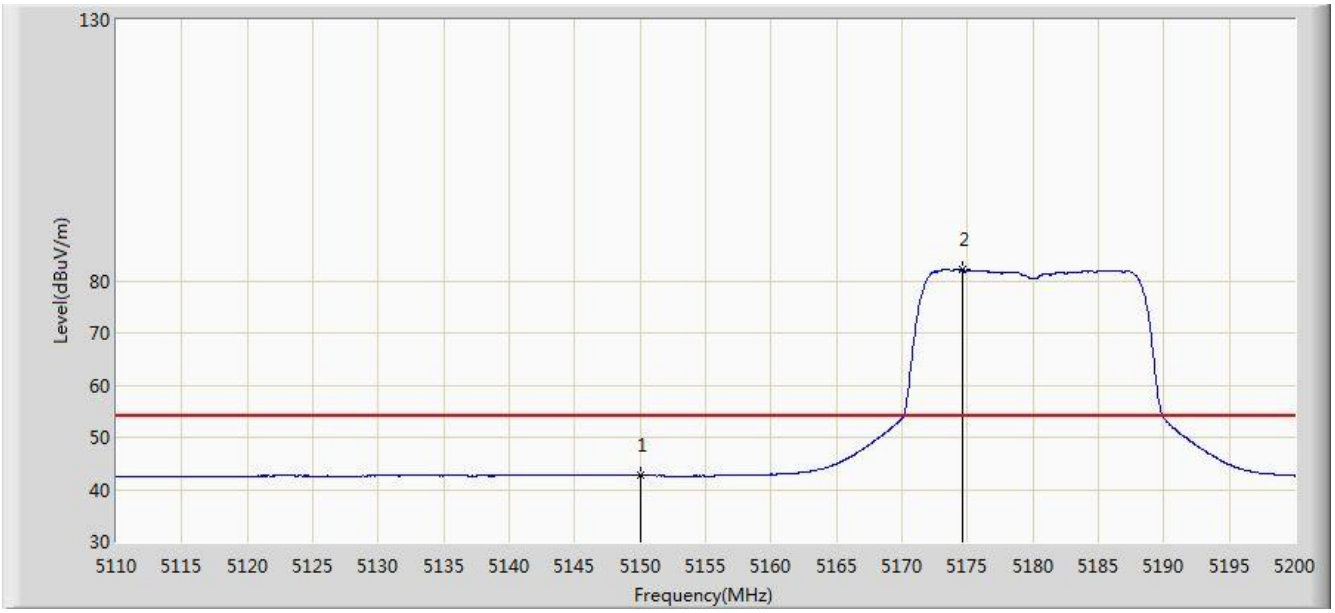


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.310	57.216	53.907	-16.784	74.000	3.310	PK
2			5150.000	55.119	51.810	-18.881	74.000	3.309	PK
3		*	5174.665	94.214	90.937	N/A	N/A	3.277	PK

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: 2017/04/16 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 0	

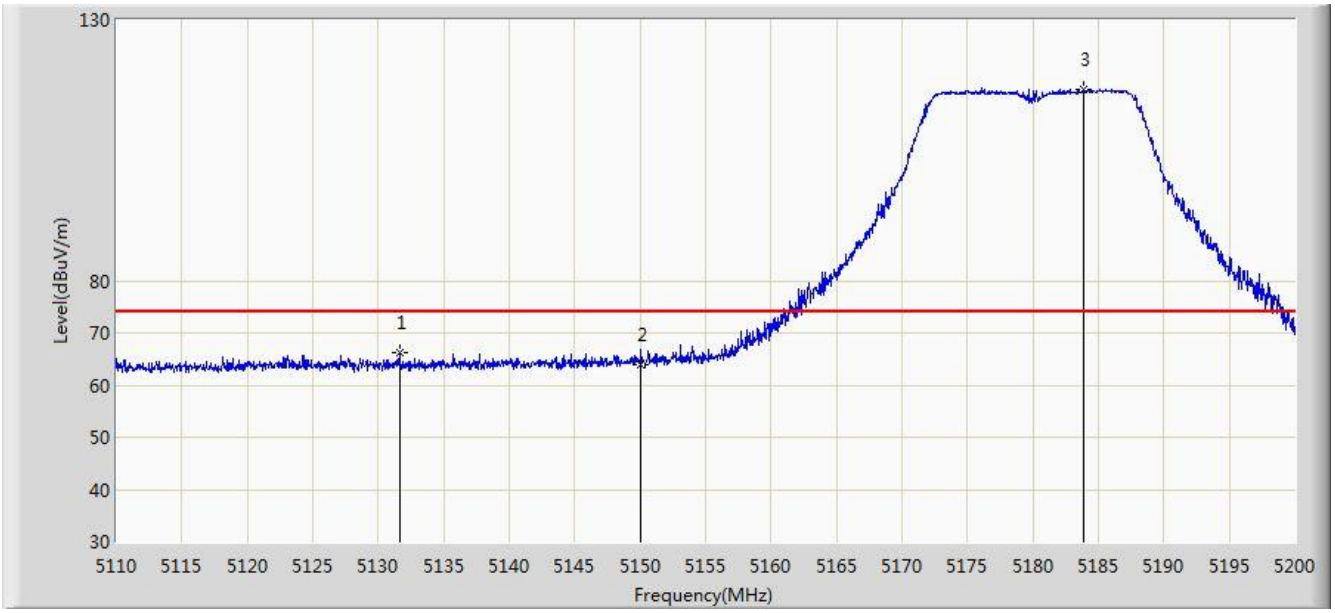


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	42.687	39.378	-11.313	54.000	3.309	AV
2		*	5174.620	82.063	78.785	N/A	N/A	3.278	AV

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

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

Site: AC1	Time: 2017/04/16 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 0	

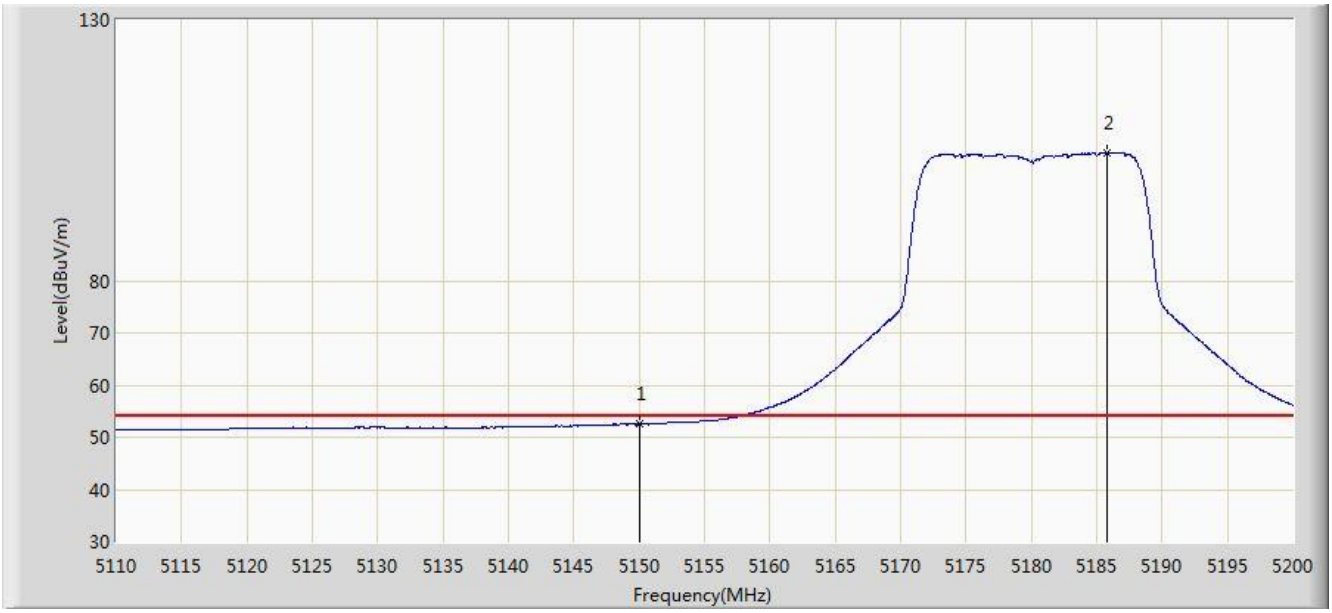


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.600	66.183	62.875	-7.817	74.000	3.308	PK
2			5150.000	63.870	60.561	-10.130	74.000	3.309	PK
3		*	5183.890	116.564	113.295	N/A	N/A	3.269	PK

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: 2017/04/16 - 11:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 0	

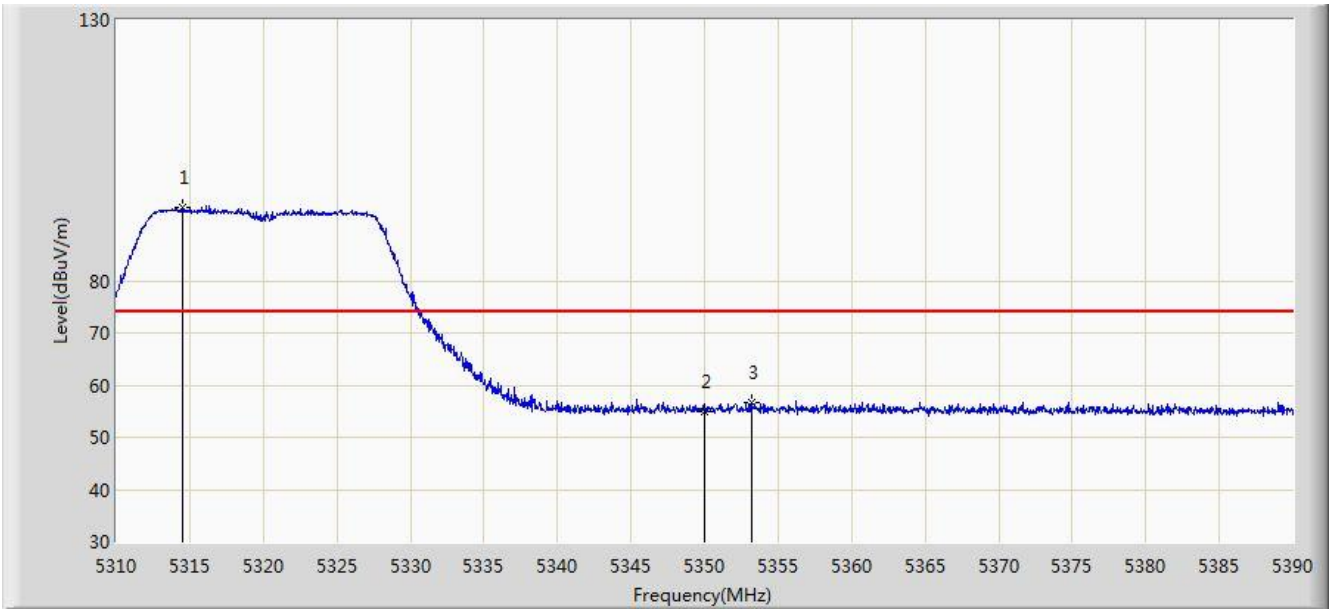


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.507	49.198	-1.493	54.000	3.309	AV
2		*	5185.825	104.543	101.277	N/A	N/A	3.266	AV

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

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

Site: AC1	Time: 2017/04/16 - 11:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 0	

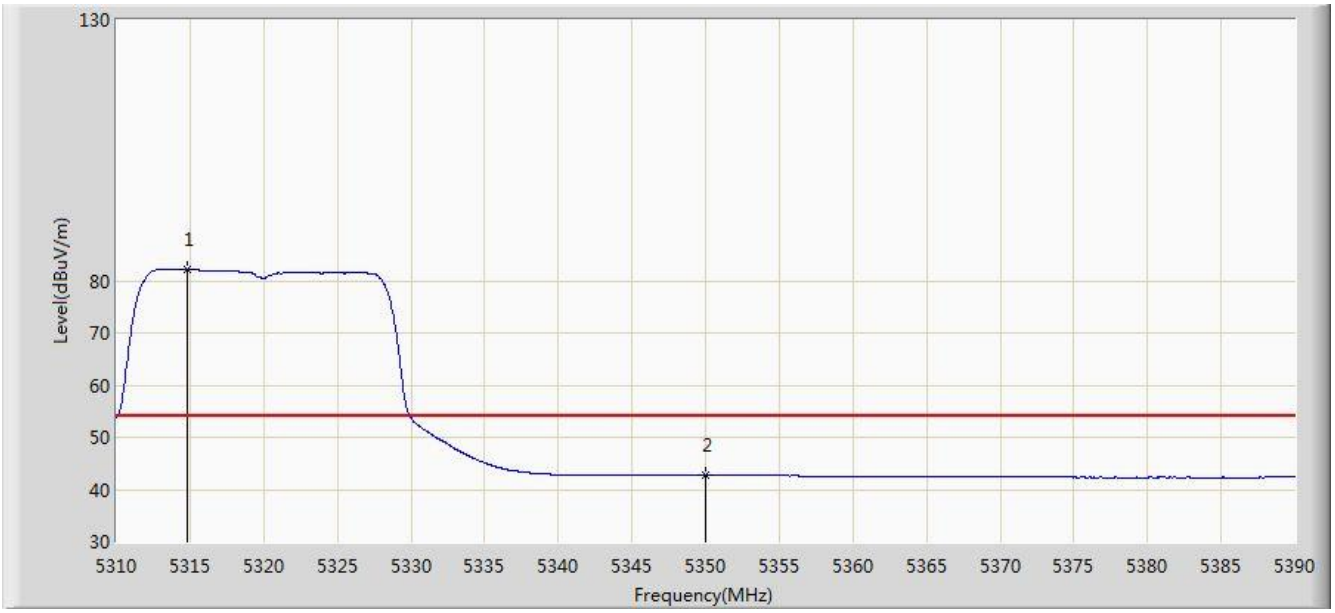


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.560	94.187	91.103	N/A	N/A	3.084	PK
2			5350.000	54.876	51.844	-19.124	74.000	3.032	PK
3			5353.160	56.591	53.562	-17.409	74.000	3.030	PK

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: 2017/04/16 - 12:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 0	

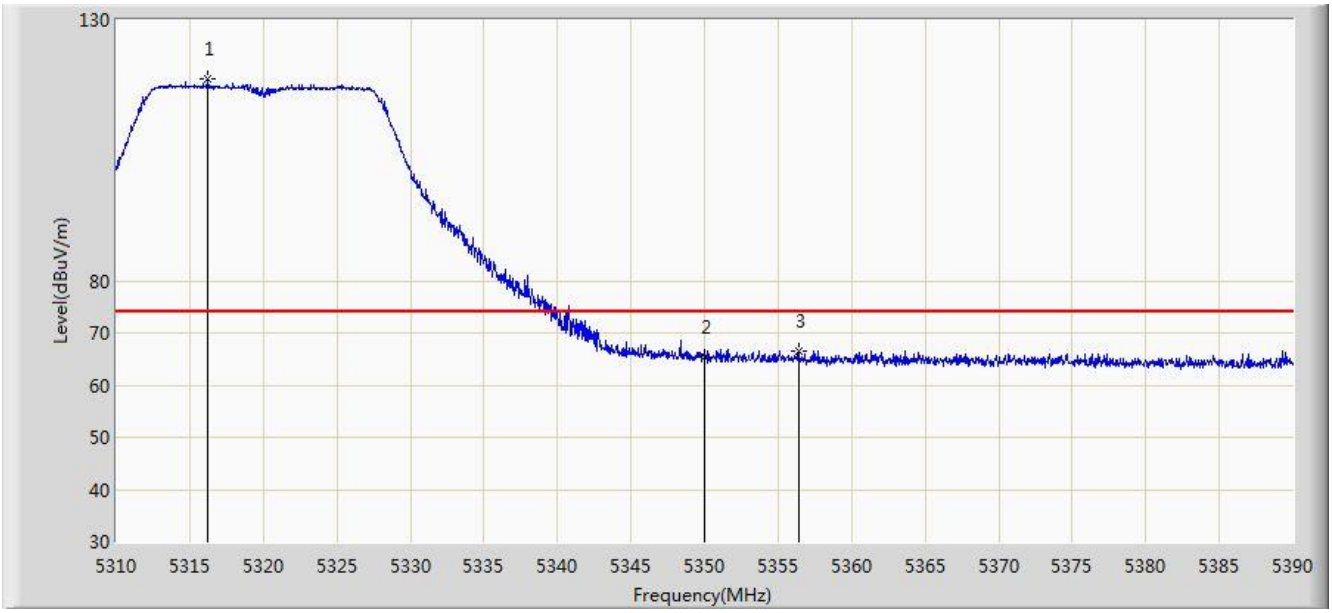


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.800	82.183	79.100	N/A	N/A	3.083	AV
2			5350.000	42.682	39.650	-11.318	54.000	3.032	AV

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

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

Site: AC1	Time: 2017/04/16 - 11:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 0	

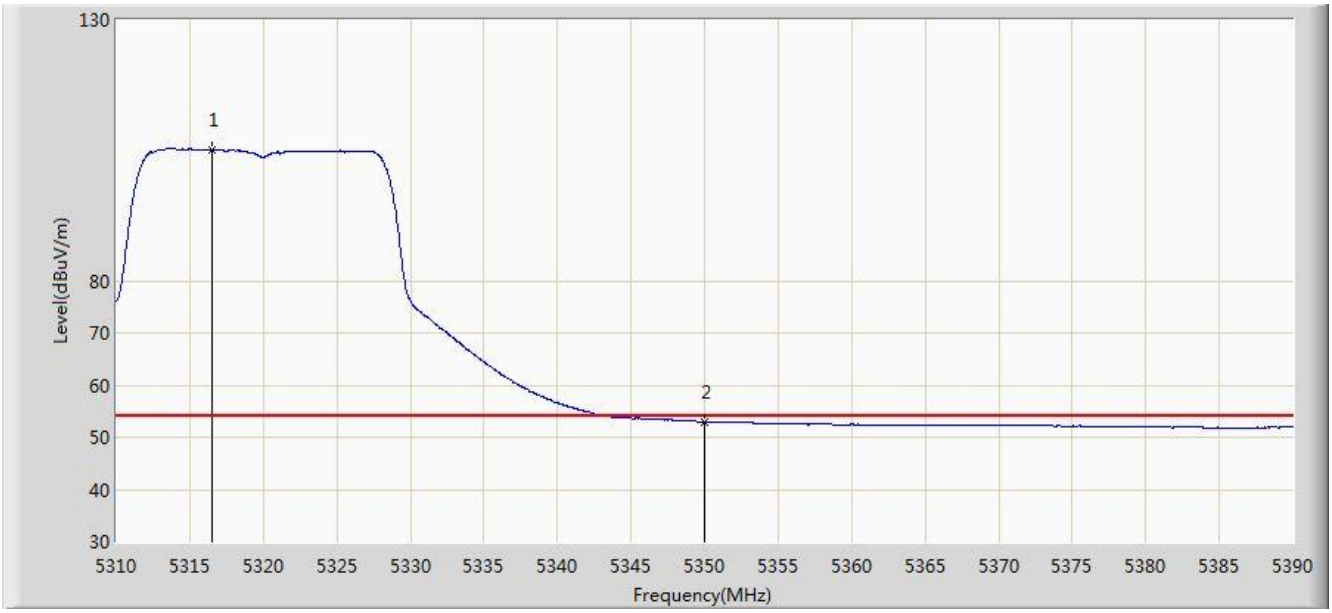


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.240	118.553	115.472	N/A	N/A	3.081	PK
2			5350.000	65.463	62.431	-8.537	74.000	3.032	PK
3			5356.400	66.451	63.425	-7.549	74.000	3.026	PK

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: 2017/04/16 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 0	

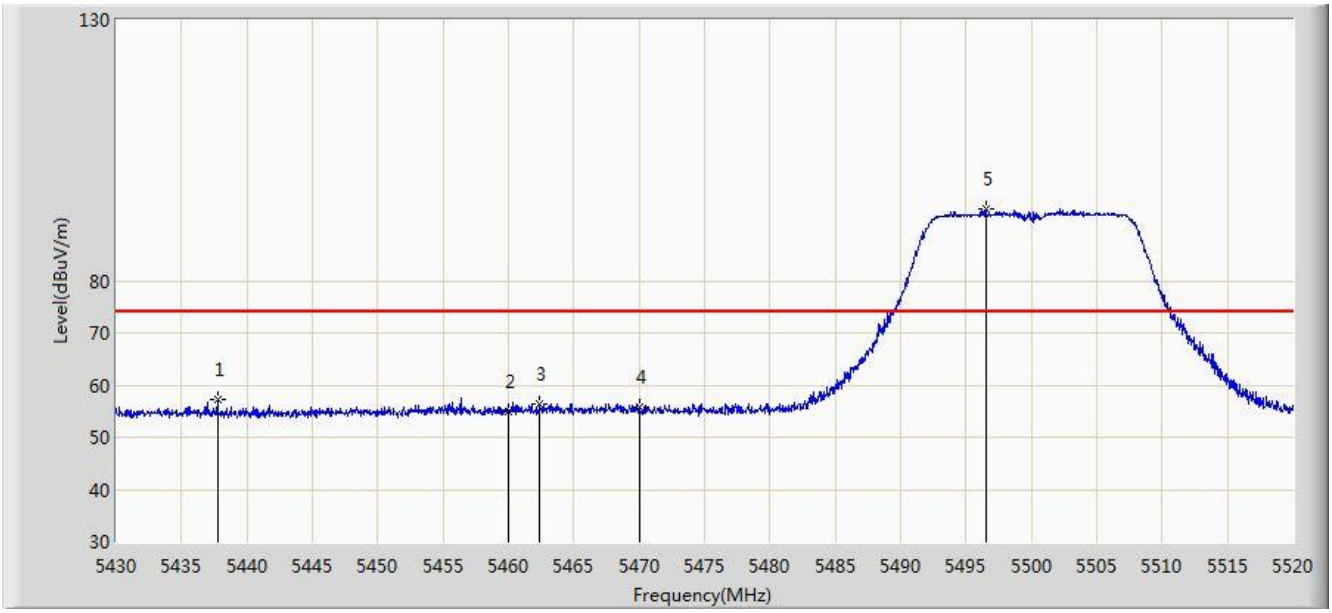


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.560	105.121	102.041	N/A	N/A	3.081	AV
2			5350.000	52.991	49.959	-1.009	54.000	3.032	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 0	

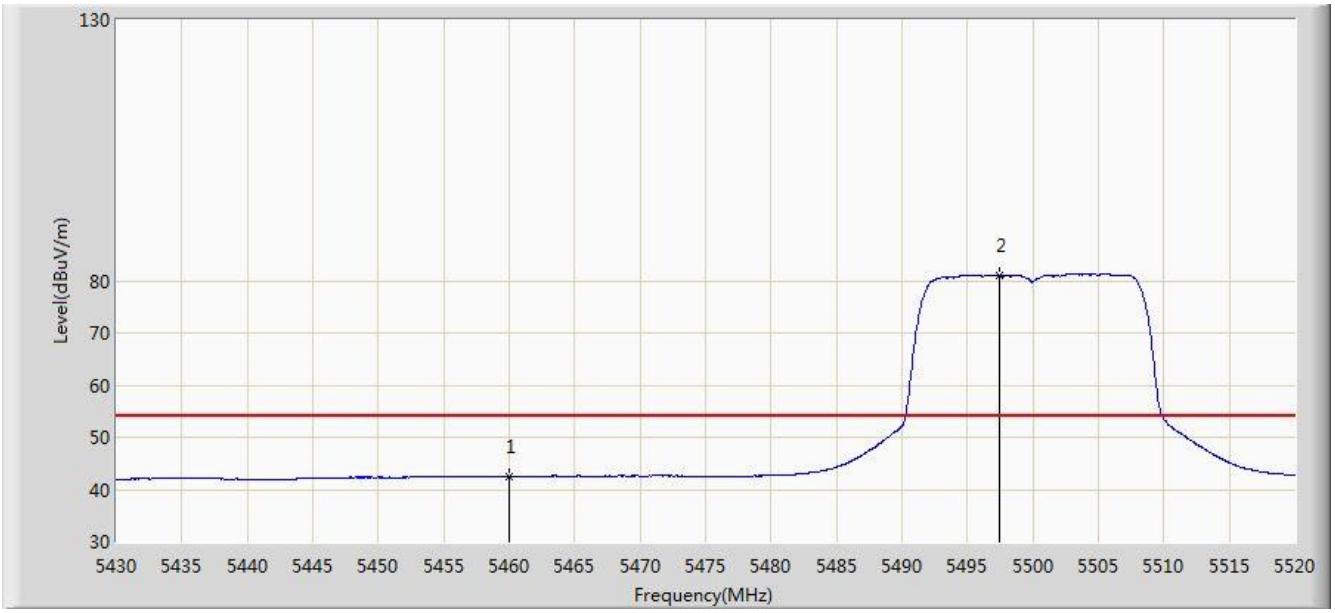


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5437.740	57.318	53.945	-16.682	74.000	3.373	PK
2			5460.000	55.045	51.563	-18.955	74.000	3.482	PK
3			5462.400	56.355	52.860	-17.645	74.000	3.495	PK
4			5470.000	55.902	52.363	-18.098	74.000	3.539	PK
5		*	5496.510	93.911	90.381	N/A	N/A	3.530	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: 2017/04/16 - 12:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 0	

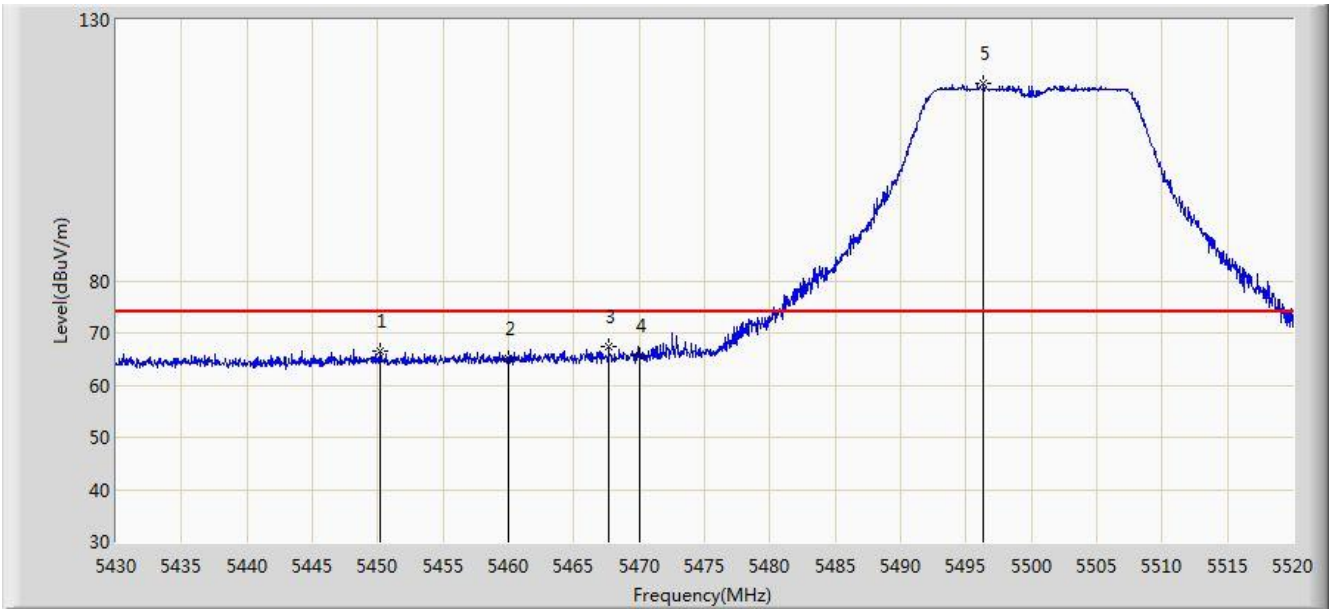


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	42.513	39.031	-11.487	54.000	3.482	AV
2		*	5497.410	81.109	77.580	N/A	N/A	3.530	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 0	

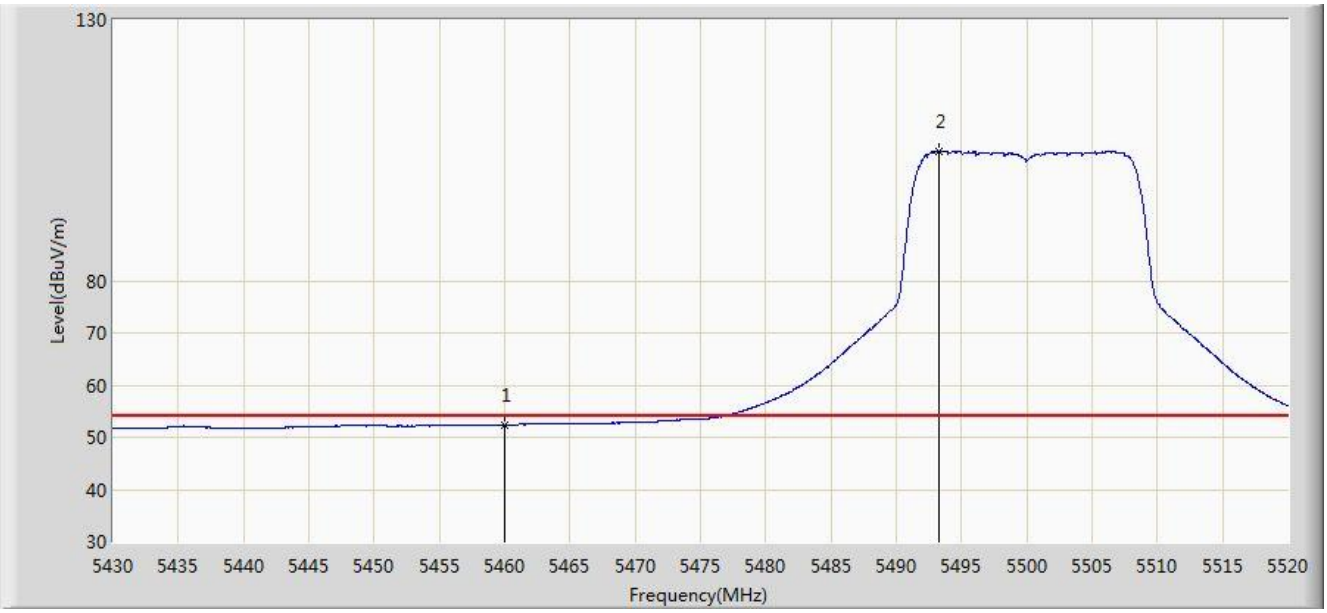


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5450.160	66.592	63.163	-7.408	74.000	3.428	PK
2			5460.000	64.940	61.458	-9.060	74.000	3.482	PK
3			5467.665	67.381	63.855	-6.619	74.000	3.526	PK
4			5470.000	65.508	61.969	-8.492	74.000	3.539	PK
5		*	5496.330	117.921	114.391	N/A	N/A	3.530	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: 2017/04/16 - 12:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 0	

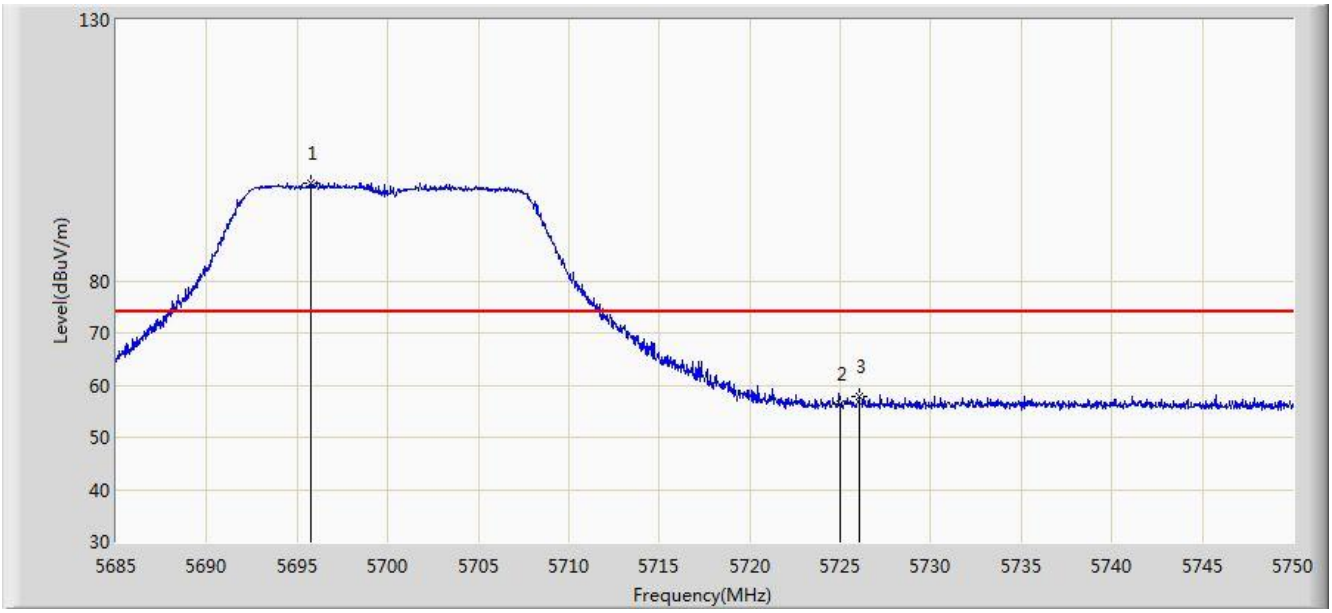


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.409	48.927	-1.591	54.000	3.482	AV
2		*	5493.315	104.749	101.215	N/A	N/A	3.533	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 0	

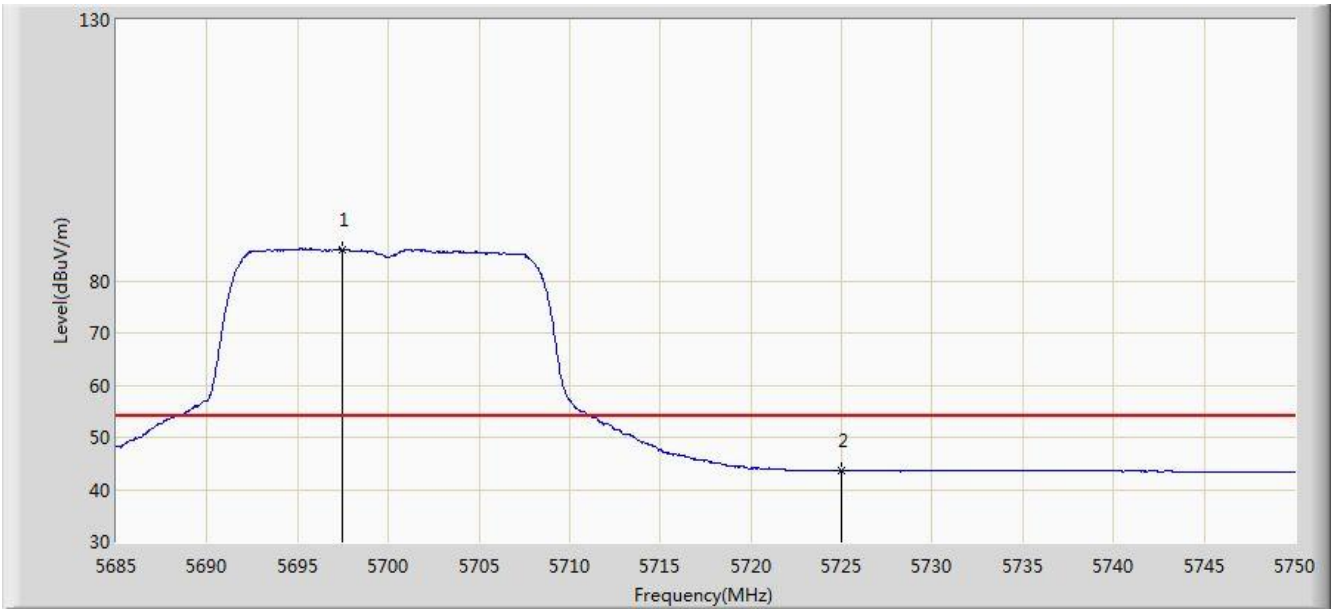


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.757	98.803	95.090	N/A	N/A	3.713	PK
2			5725.000	56.271	52.480	-17.729	74.000	3.791	PK
3			5726.047	57.906	54.112	-16.094	74.000	3.794	PK

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: 2017/04/16 - 12:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 0	

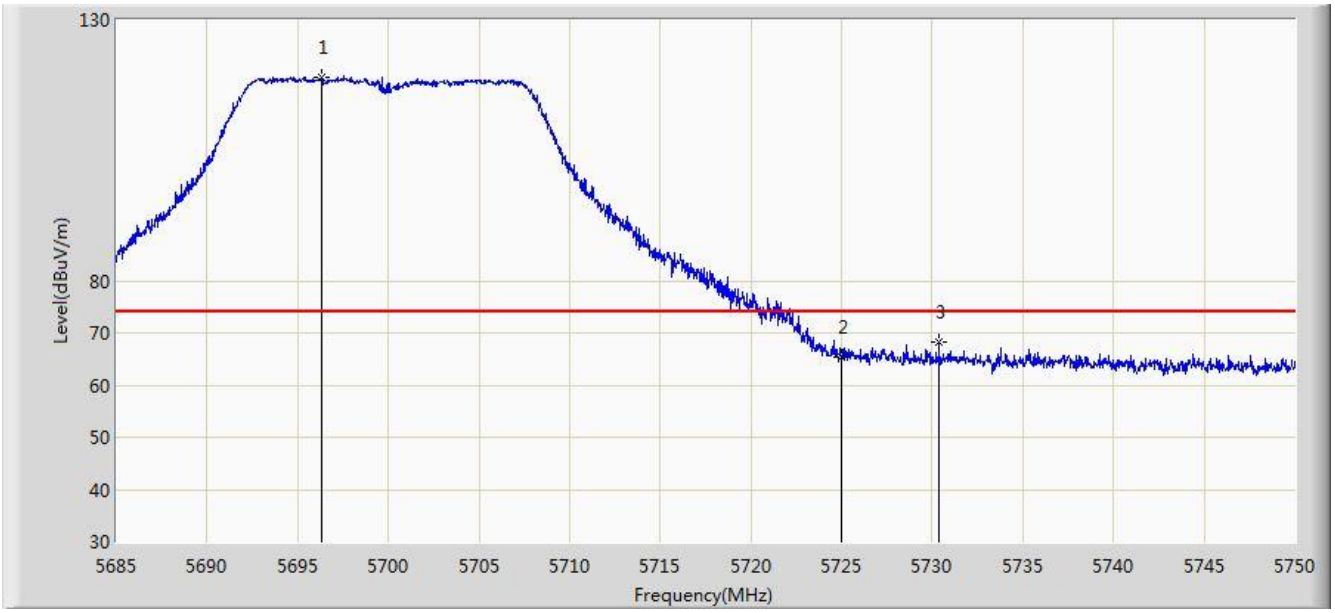


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.480	86.063	82.348	N/A	N/A	3.716	AV
2			5725.000	43.616	39.825	-10.384	54.000	3.791	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 0	

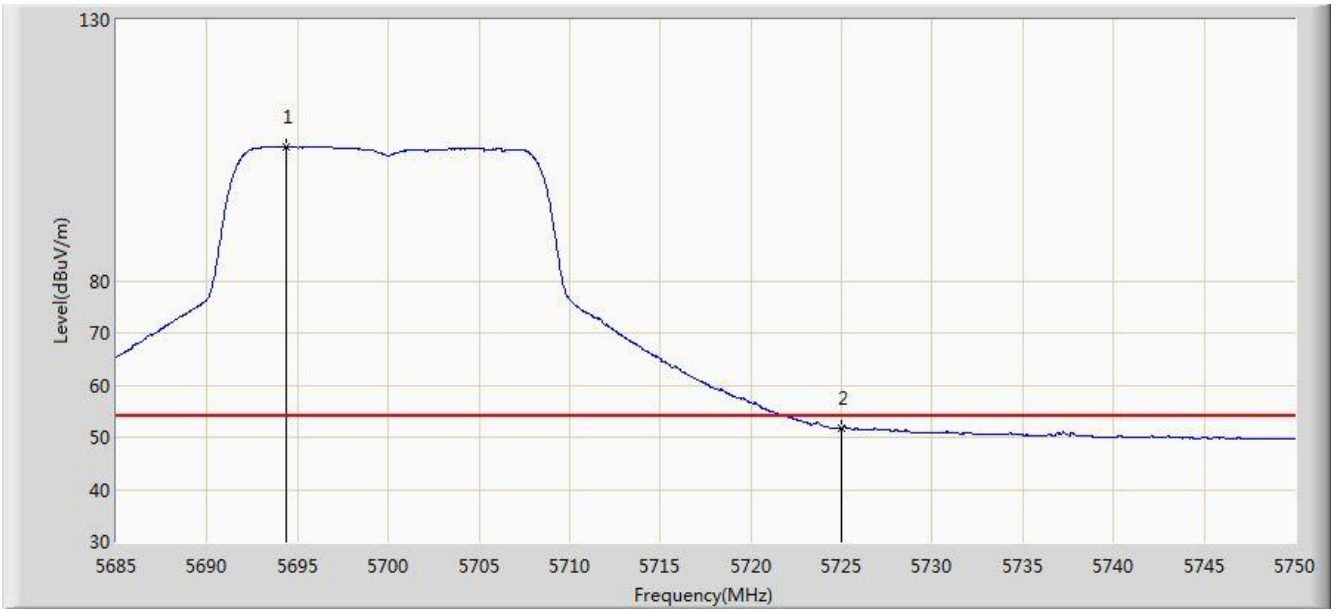


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.310	118.965	115.251	N/A	N/A	3.714	PK
2			5725.000	65.473	61.682	-8.527	74.000	3.791	PK
3			5730.370	68.242	64.435	-5.758	74.000	3.808	PK

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: 2017/04/16 - 12:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 0	

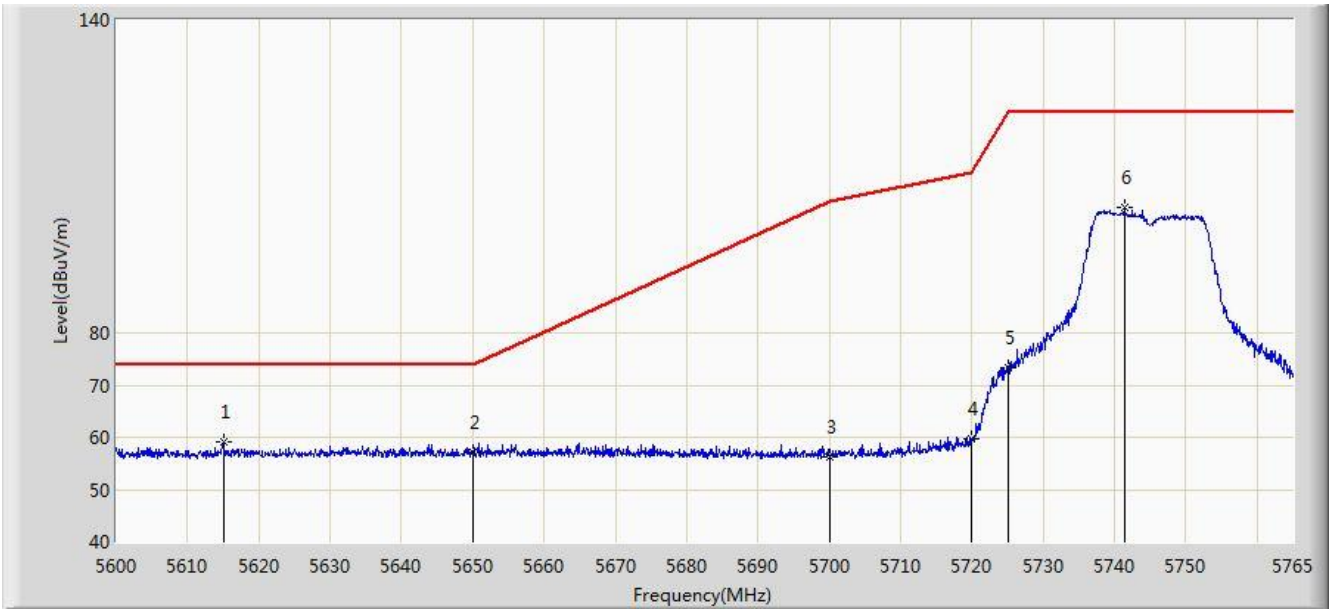


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.393	105.776	102.065	N/A	N/A	3.711	AV
2			5725.000	51.805	48.014	-2.195	54.000	3.791	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5745MHz Ant 0	

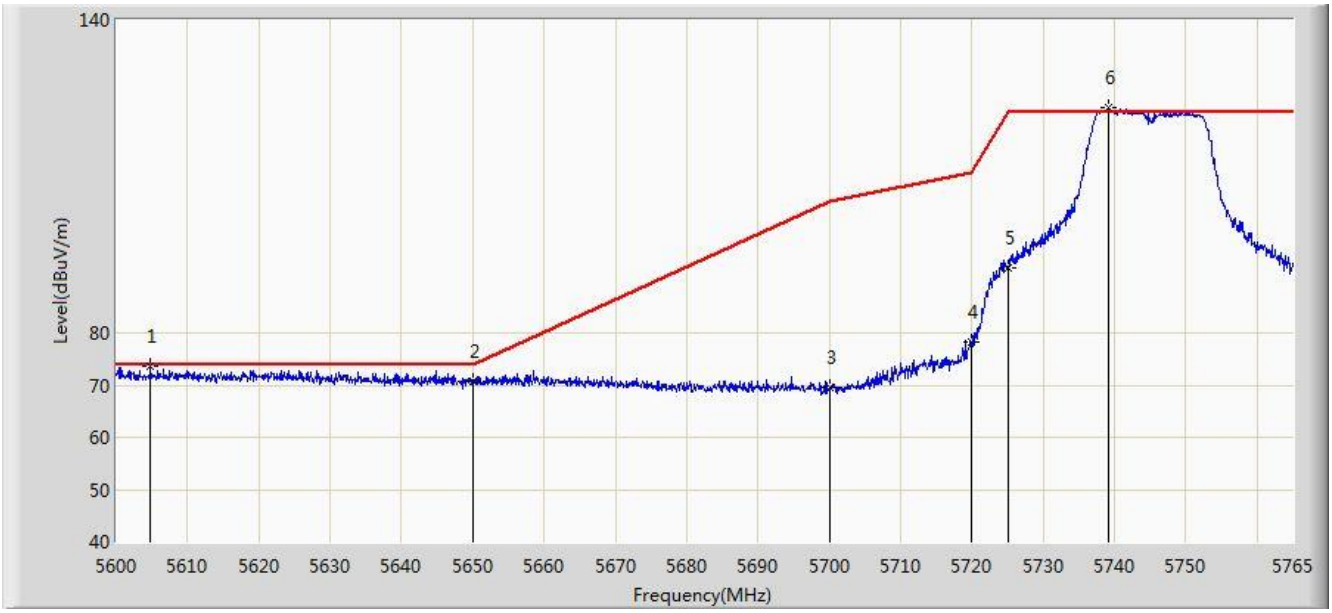


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5615.015	59.142	55.615	-14.858	74.000	3.527	PK
2			5650.000	57.215	53.588	-16.785	74.000	3.627	PK
3			5700.000	56.352	52.633	-48.848	105.200	3.719	PK
4			5720.000	59.647	55.871	-51.153	110.800	3.776	PK
5			5725.000	73.254	69.463	-48.946	122.200	3.791	PK
6			5741.405	104.106	100.265	N/A	N/A	3.842	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: 2017/04/16 - 12:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5745MHz Ant 0	

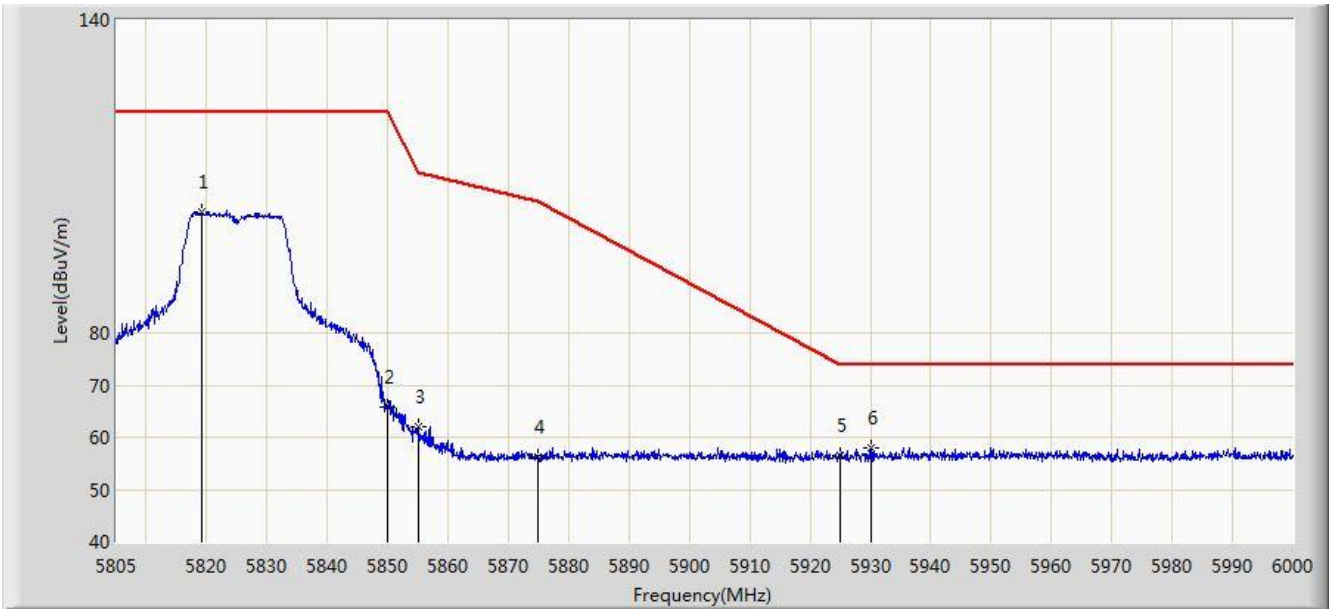


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5604.785	73.502	69.999	-0.498	74.000	3.502	PK
2			5650.000	70.638	67.011	-3.362	74.000	3.627	PK
3			5700.000	69.608	65.889	-35.592	105.200	3.719	PK
4			5720.000	78.291	74.515	-32.509	110.800	3.776	PK
5			5725.000	92.427	88.636	-29.773	122.200	3.791	PK
6		*	5739.178	123.246	119.411	N/A	N/A	3.835	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: 2017/04/16 - 12:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5825MHz Ant 0	

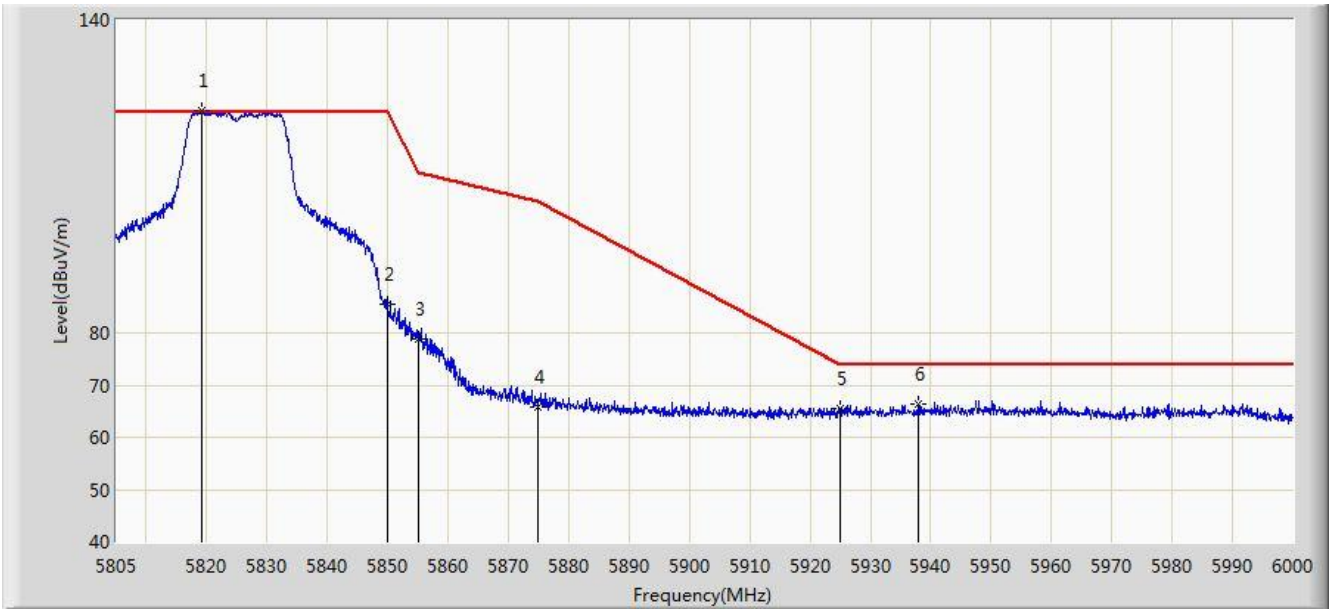


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.138	103.105	99.113	N/A	N/A	3.992	PK
2			5850.000	65.769	61.712	-56.431	122.200	4.058	PK
3			5855.000	61.900	57.840	-48.900	110.800	4.060	PK
4			5875.000	56.204	52.099	-48.996	105.200	4.105	PK
5			5925.000	56.398	52.145	-17.602	74.000	4.254	PK
6		*	5930.092	58.036	53.769	-15.964	74.000	4.267	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: 2017/04/16 - 12:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5825MHz Ant 0	

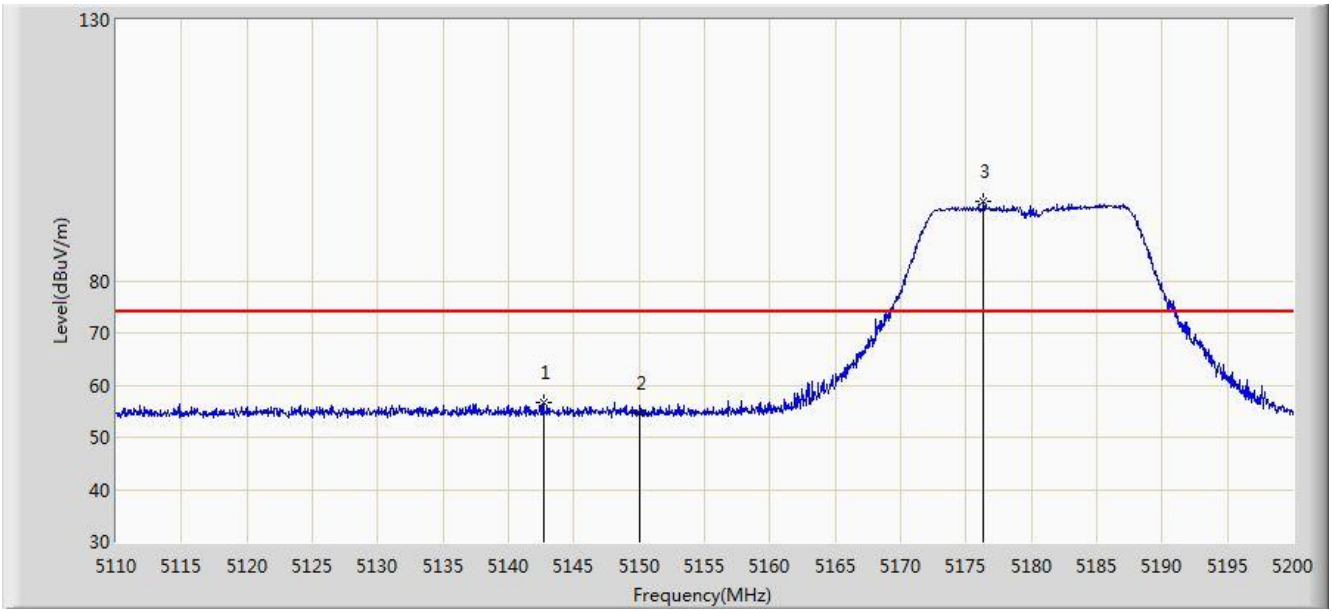


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.138	122.654	118.662	N/A	N/A	3.992	PK
2			5850.000	85.447	81.390	-36.753	122.200	4.058	PK
3			5855.000	78.788	74.728	-32.012	110.800	4.060	PK
4			5875.000	65.858	61.753	-39.342	105.200	4.105	PK
5			5925.000	65.365	61.112	-8.635	74.000	4.254	PK
6			5937.990	66.267	61.998	-7.733	74.000	4.269	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: 2017/04/16 - 12:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 1	

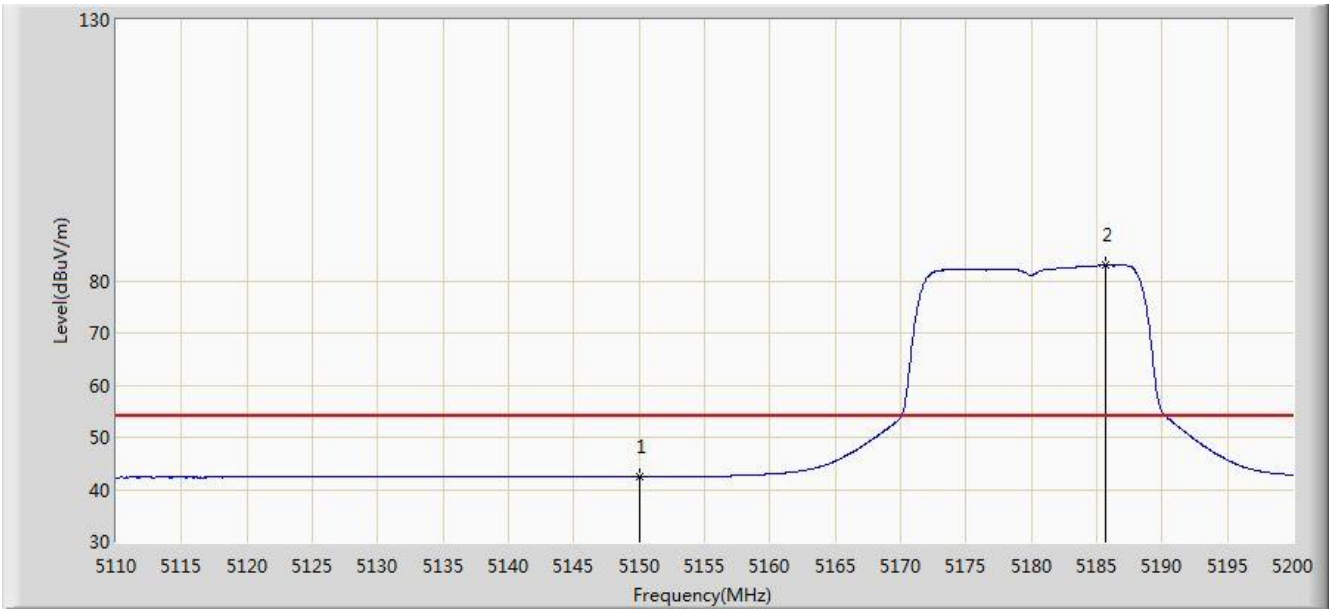


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.670	56.538	53.229	-17.462	74.000	3.309	PK
2			5150.000	54.650	51.341	-19.350	74.000	3.309	PK
3		*	5176.330	95.122	91.846	N/A	N/A	3.276	PK

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: 2017/04/16 - 12:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 1	

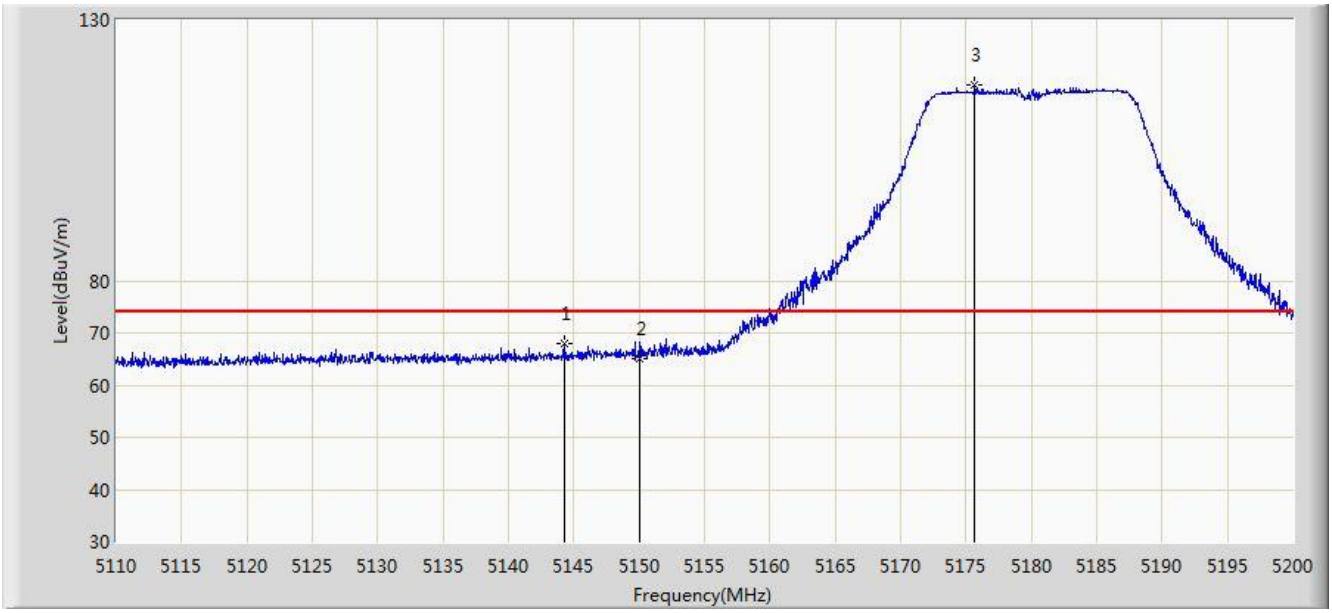


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	42.541	39.232	-11.459	54.000	3.309	AV
2		*	5185.690	83.021	79.755	N/A	N/A	3.266	AV

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

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

Site: AC1	Time: 2017/04/16 - 12:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 1	

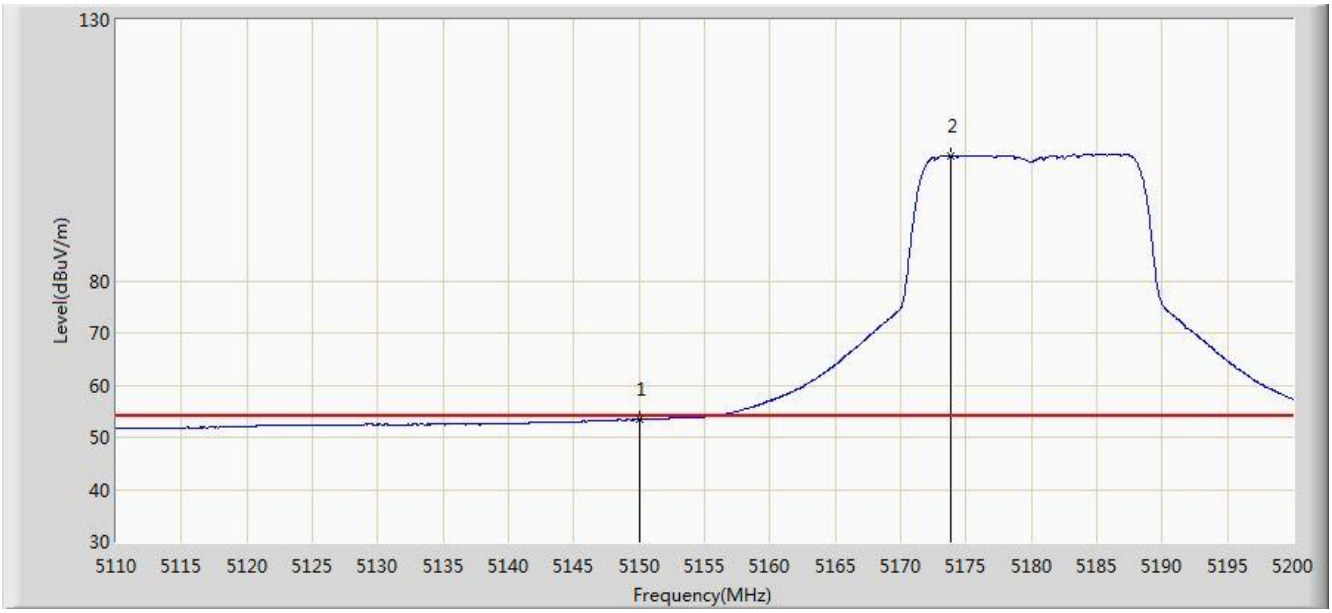


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.245	68.035	64.726	-5.965	74.000	3.309	PK
2			5150.000	65.065	61.756	-8.935	74.000	3.309	PK
3		*	5175.655	117.420	114.143	N/A	N/A	3.277	PK

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: 2017/04/16 - 12:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5180MHz Ant 1	

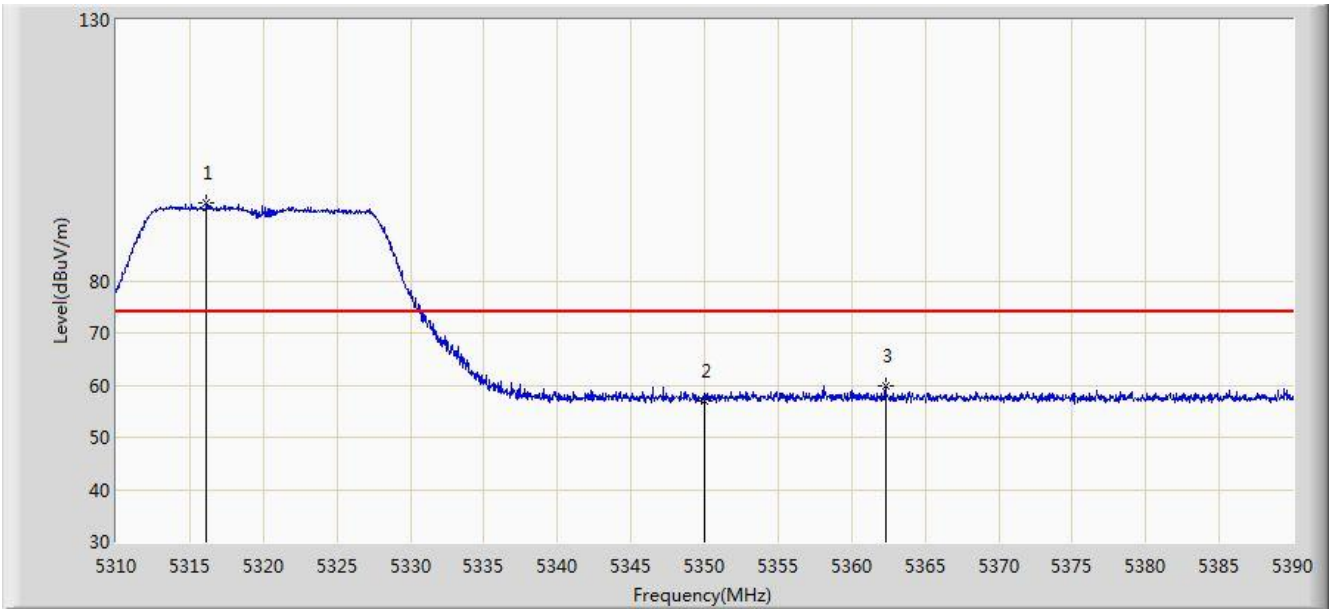


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.403	50.094	-0.597	54.000	3.309	AV
2		*	5173.855	103.985	100.707	N/A	N/A	3.278	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 1	

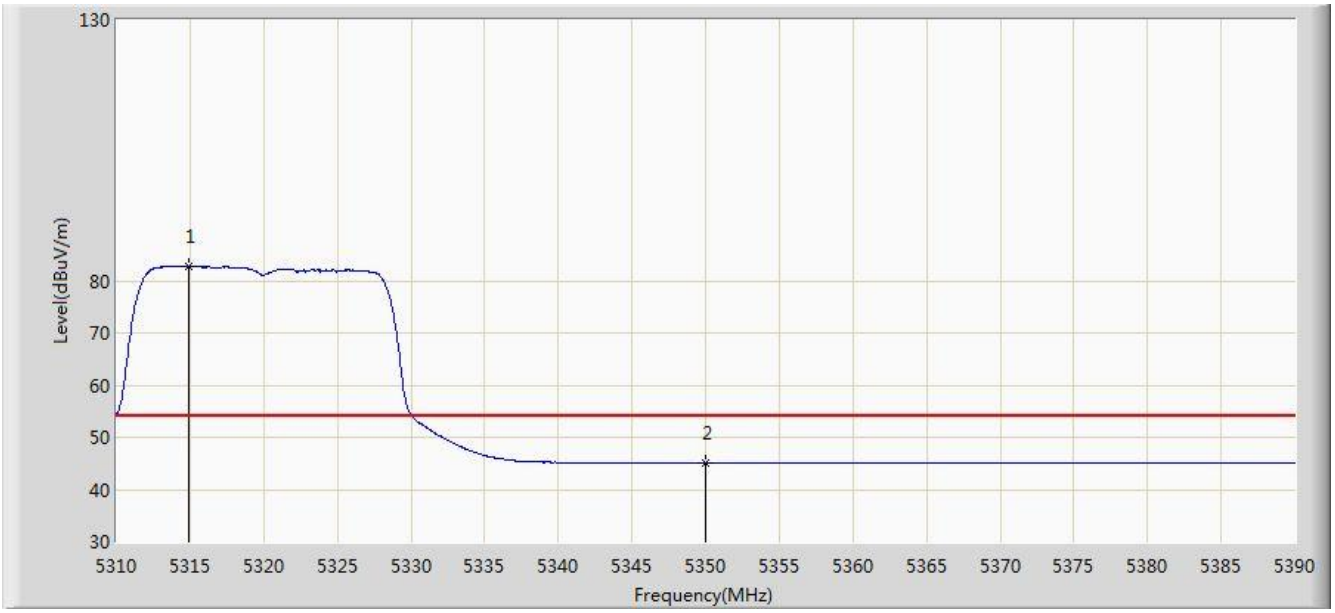


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.160	94.848	91.767	N/A	N/A	3.081	PK
2			5350.000	56.992	53.960	-17.008	74.000	3.032	PK
3			5362.320	59.776	56.757	-14.224	74.000	3.019	PK

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: 2017/04/16 - 13:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 1	

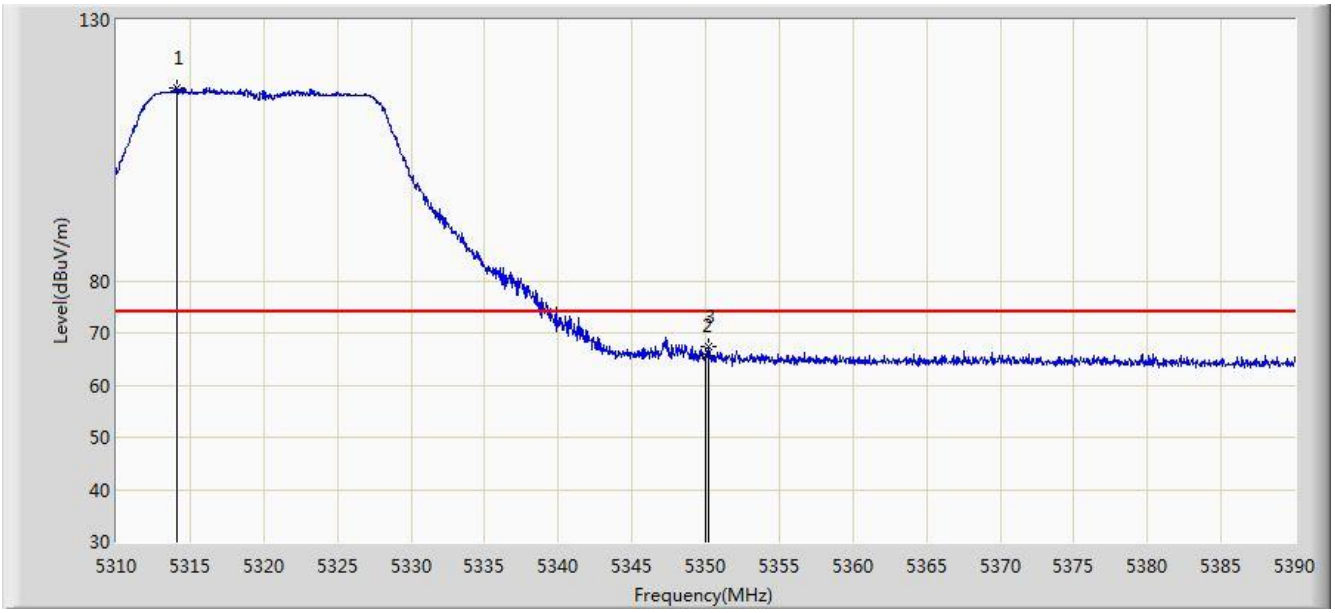


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.920	82.717	79.634	N/A	N/A	3.084	AV
2			5350.000	45.167	42.135	-8.833	54.000	3.032	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 1	

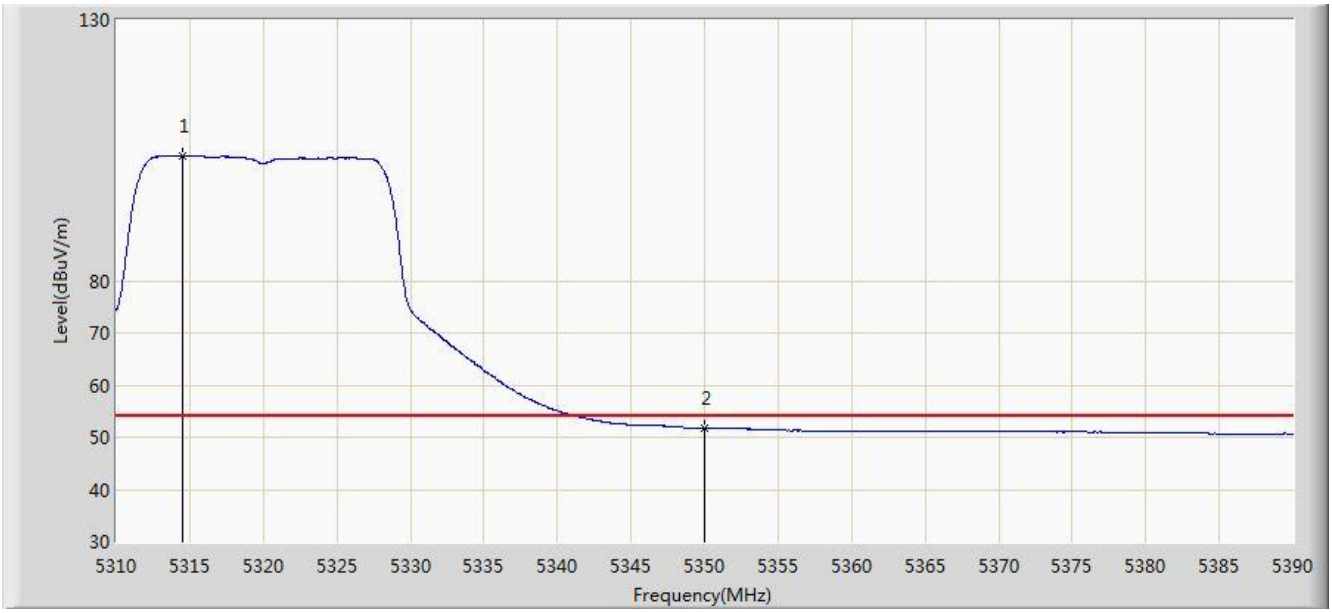


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.160	116.855	113.770	N/A	N/A	3.085	PK
2			5350.000	65.689	62.657	-8.311	74.000	3.032	PK
3			5350.200	67.424	64.392	-6.576	74.000	3.032	PK

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: 2017/04/16 - 13:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5320MHz Ant 1	

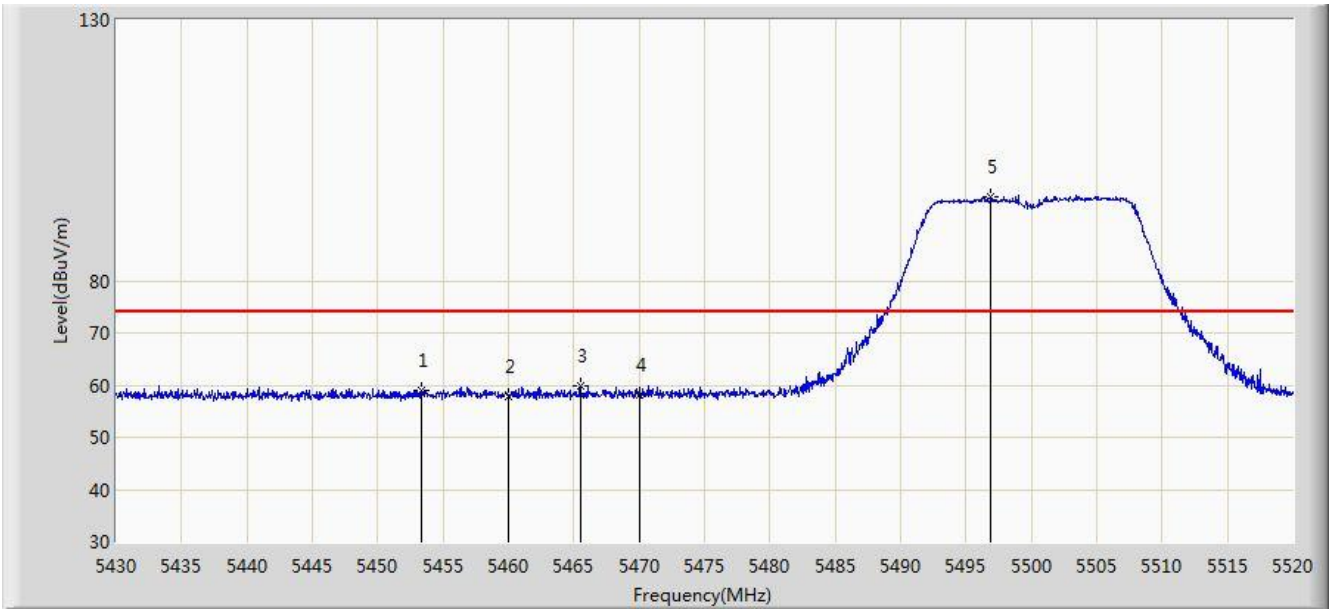


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.560	103.936	100.852	N/A	N/A	3.084	AV
2			5350.000	51.730	48.698	-2.270	54.000	3.032	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 1	

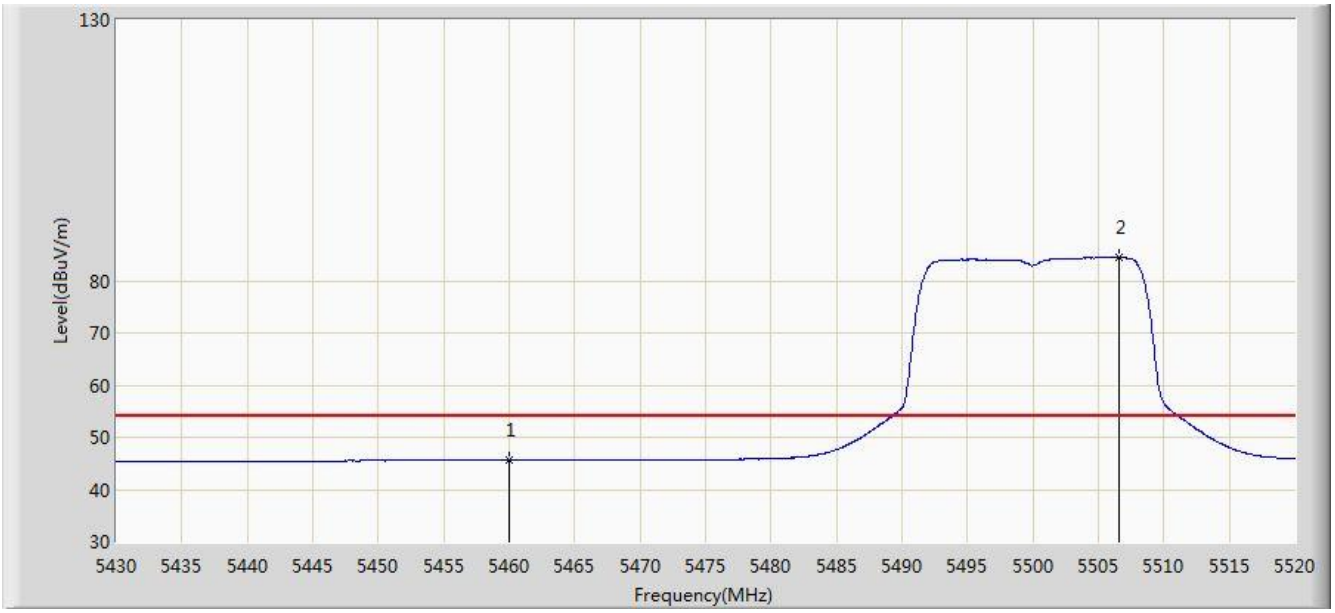


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.310	59.040	55.597	-14.960	74.000	3.442	PK
2			5460.000	57.930	54.448	-16.070	74.000	3.482	PK
3			5465.505	59.811	56.298	-14.189	74.000	3.514	PK
4			5470.000	58.106	54.567	-15.894	74.000	3.539	PK
5		*	5496.915	96.112	92.582	N/A	N/A	3.531	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: 2017/04/16 - 13:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 1	

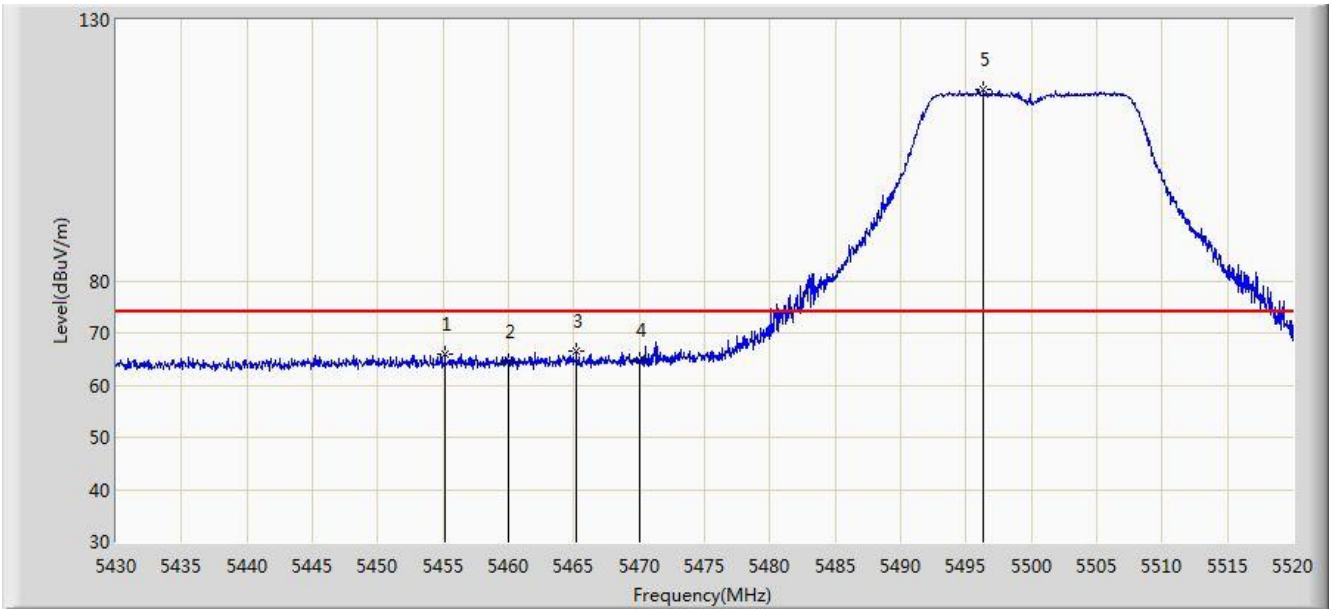


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.651	42.169	-8.349	54.000	3.482	AV
2		*	5506.545	84.510	80.991	N/A	N/A	3.519	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 1	

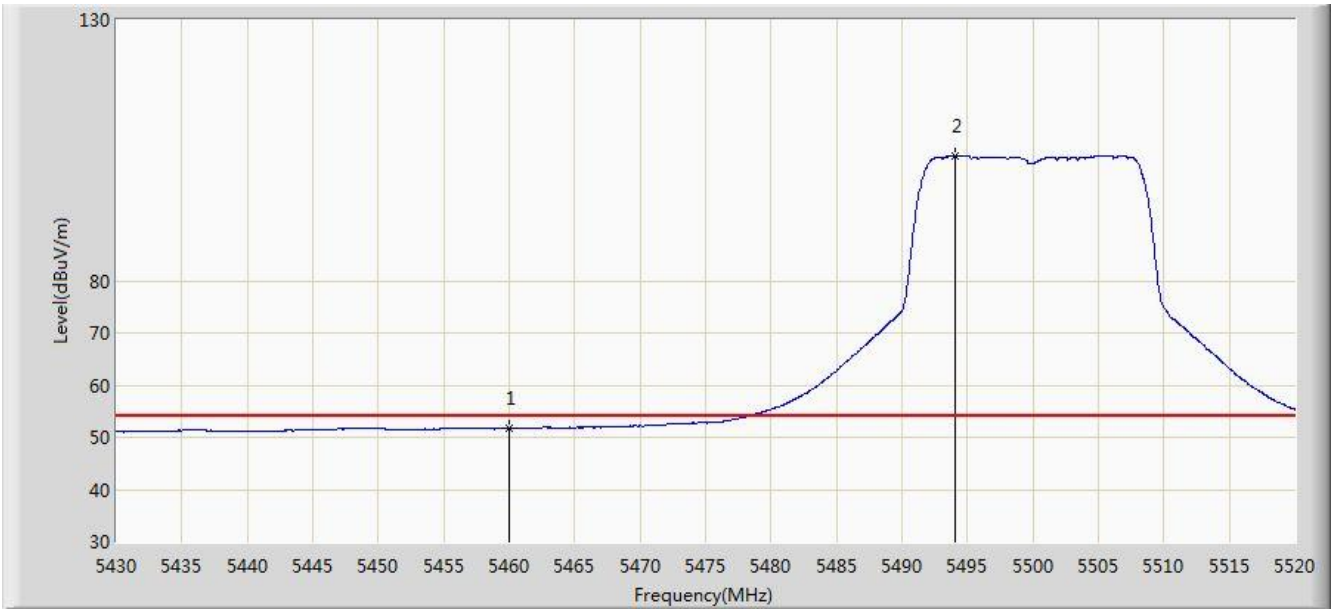


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.155	65.982	62.528	-8.018	74.000	3.454	PK
2			5460.000	64.637	61.155	-9.363	74.000	3.482	PK
3			5465.190	66.534	63.022	-7.466	74.000	3.512	PK
4			5470.000	64.842	61.303	-9.158	74.000	3.539	PK
5		*	5496.330	116.546	113.016	N/A	N/A	3.530	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: 2017/04/16 - 13:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5500MHz Ant 1	

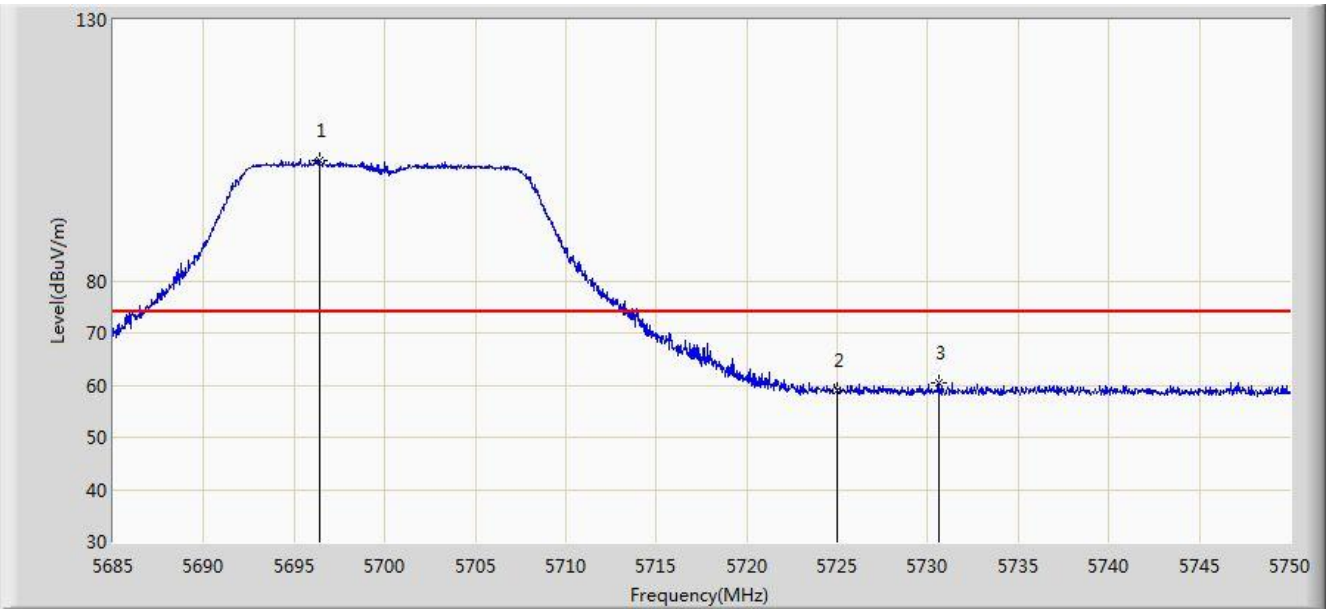


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.731	48.249	-2.269	54.000	3.482	AV
2		*	5494.080	103.859	100.326	N/A	N/A	3.533	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 1	

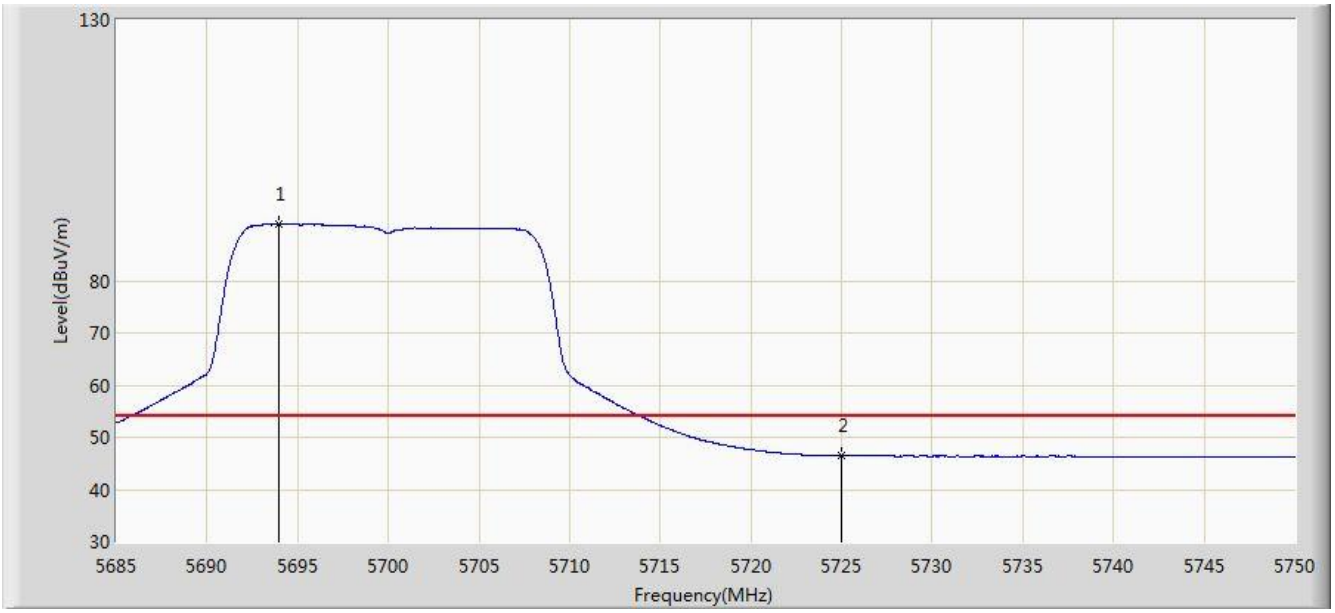


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.408	103.163	99.449	N/A	N/A	3.714	PK
2			5725.000	59.017	55.226	-14.983	74.000	3.791	PK
3			5730.598	60.430	56.622	-13.570	74.000	3.807	PK

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: 2017/04/16 - 13:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 1	

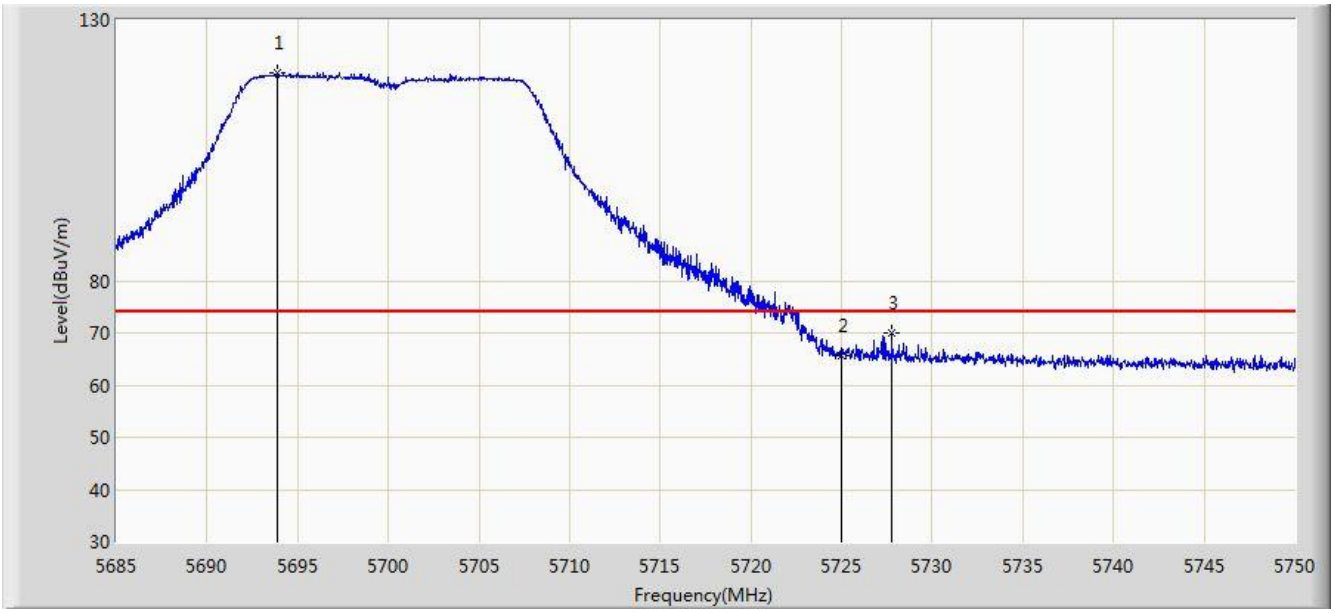


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.970	90.836	87.126	N/A	N/A	3.710	AV
2			5725.000	46.474	42.683	-7.526	54.000	3.791	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 1	

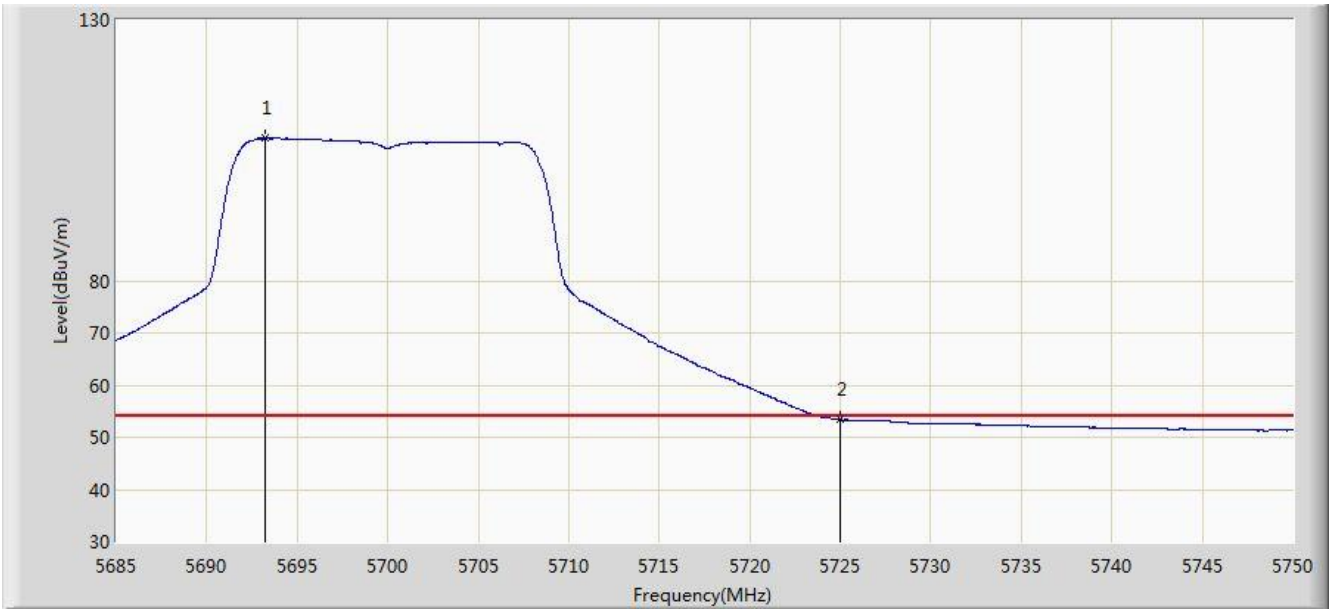


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.840	119.731	116.021	N/A	N/A	3.710	PK
2			5725.000	65.657	61.866	-8.343	74.000	3.791	PK
3			5727.770	70.135	66.336	-3.865	74.000	3.800	PK

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: 2017/04/16 - 13:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5700MHz Ant 1	

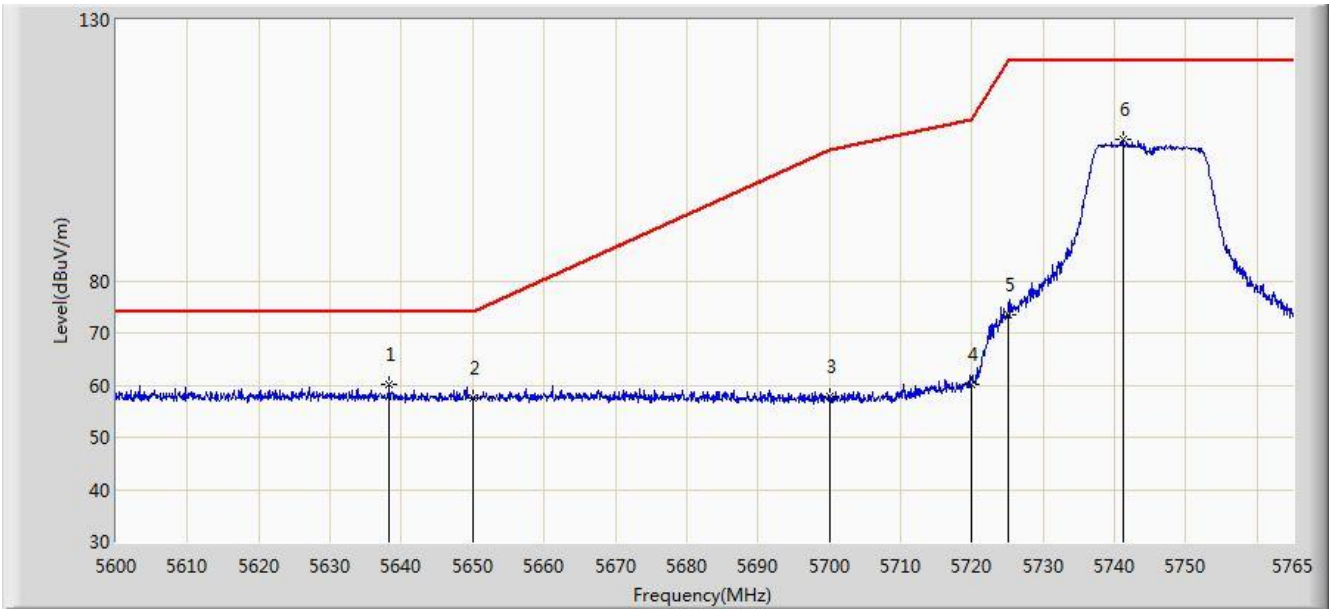


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.255	107.308	103.599	N/A	N/A	3.710	AV
2			5725.000	53.419	49.628	-0.581	54.000	3.791	AV

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

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

Site: AC1	Time: 2017/04/16 - 13:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5745MHz Ant 1	

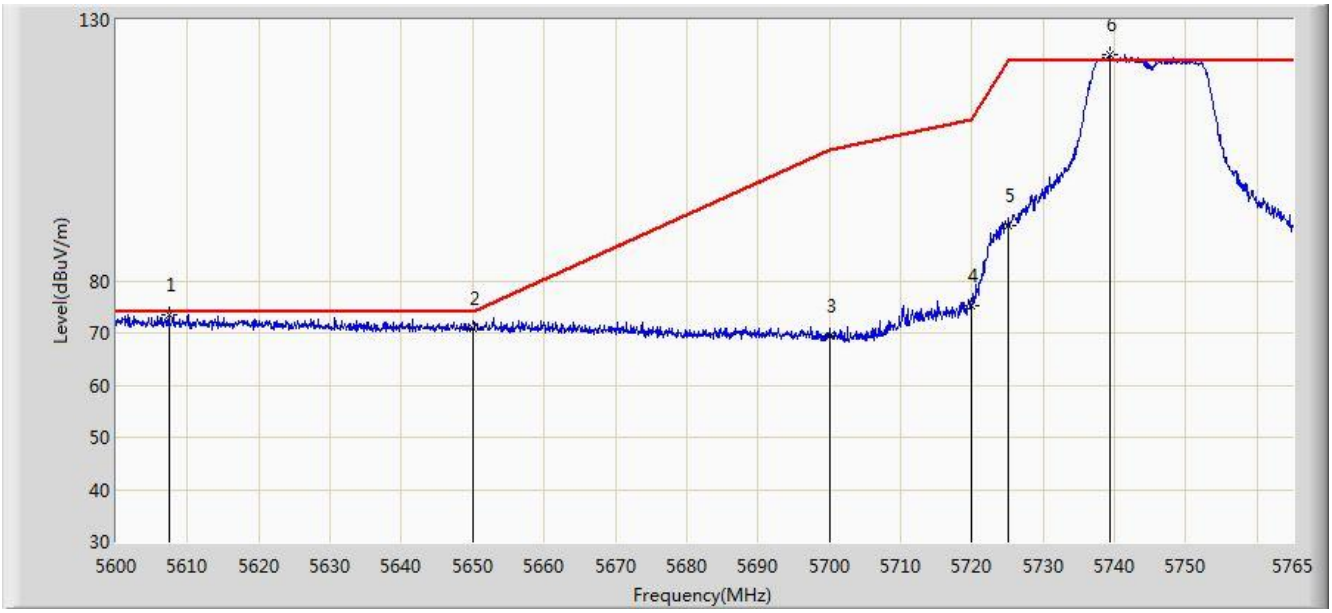


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.280	60.079	56.474	-13.921	74.000	3.605	PK
2			5650.000	57.441	53.814	-16.559	74.000	3.627	PK
3			5700.000	57.791	54.072	-47.409	105.200	3.719	PK
4			5720.000	60.164	56.388	-50.636	110.800	3.776	PK
5			5725.000	73.561	69.770	-48.639	122.200	3.791	PK
6			5741.240	107.097	103.257	N/A	N/A	3.840	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: 2017/04/16 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5745MHz Ant 1	

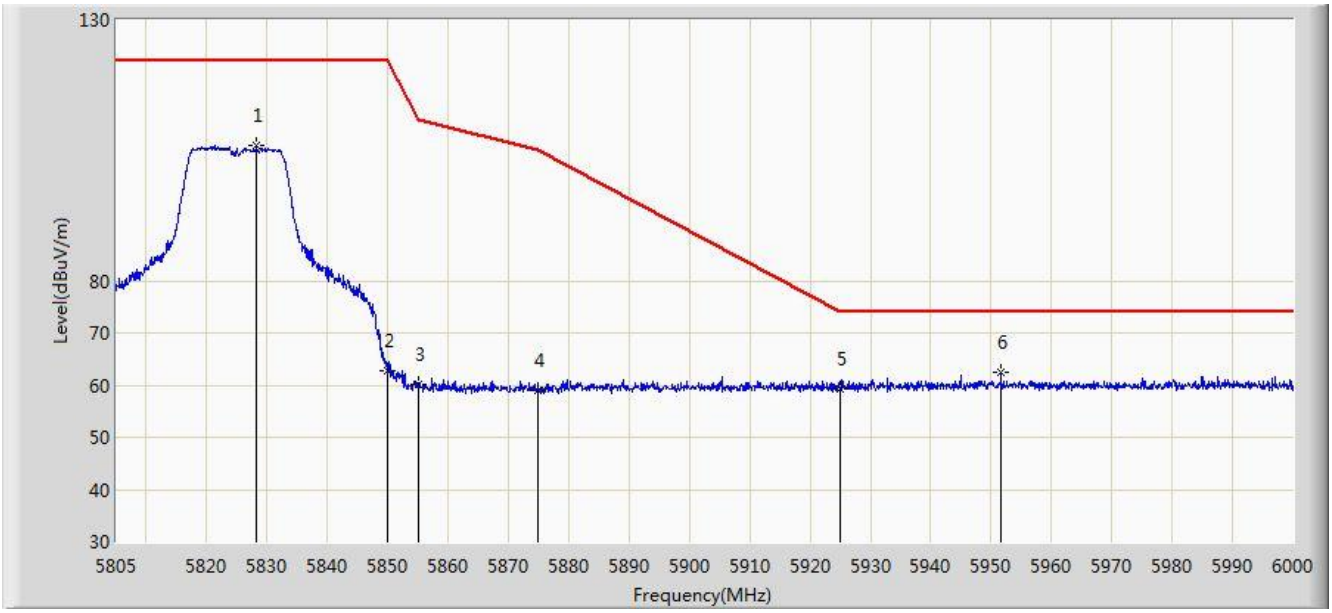


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5607.342	73.547	70.041	-0.453	74.000	3.506	PK
2			5650.000	70.817	67.190	-3.183	74.000	3.627	PK
3			5700.000	69.518	65.799	-35.682	105.200	3.719	PK
4			5720.000	75.248	71.472	-35.552	110.800	3.776	PK
5			5725.000	90.520	86.729	-31.680	122.200	3.791	PK
6		*	5739.260	123.263	119.428	N/A	N/A	3.835	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: 2017/04/16 - 13:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5825MHz Ant 1	

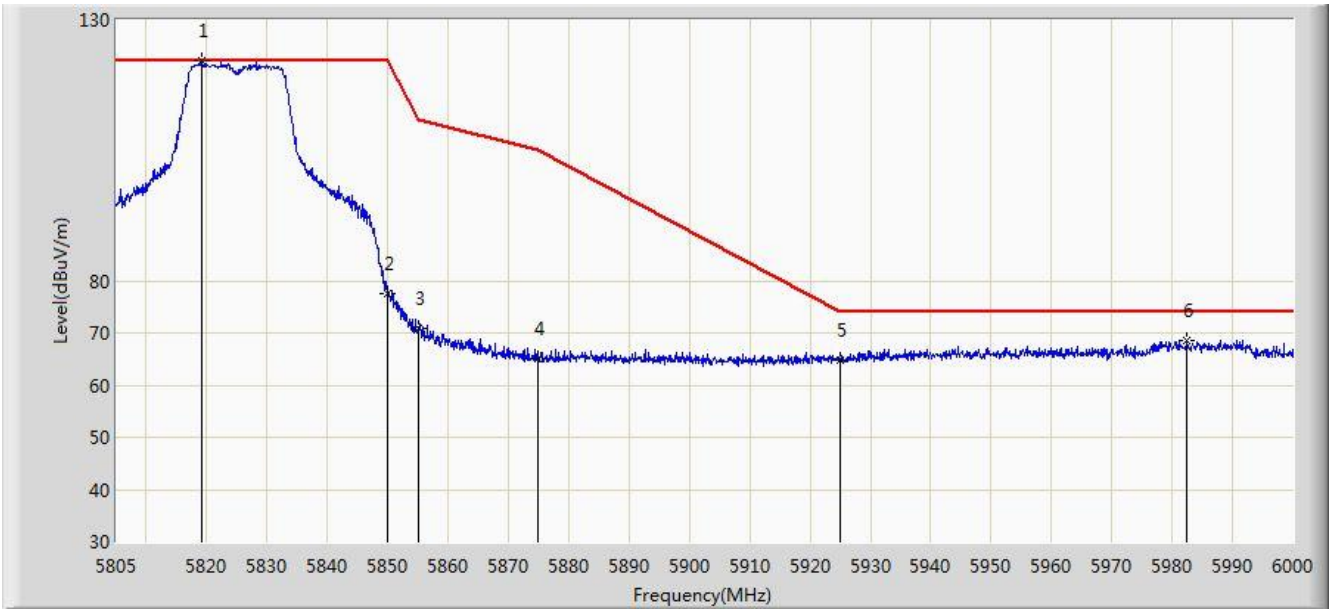


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.205	105.970	101.957	N/A	N/A	4.013	PK
2			5850.000	62.740	58.683	-59.460	122.200	4.058	PK
3			5855.000	60.246	56.186	-50.554	110.800	4.060	PK
4			5875.000	58.934	54.829	-46.266	105.200	4.105	PK
5			5925.000	59.132	54.879	-14.868	74.000	4.254	PK
6		*	5951.640	62.525	58.248	-11.475	74.000	4.278	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: 2017/04/16 - 13:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel at 5825MHz Ant 1	

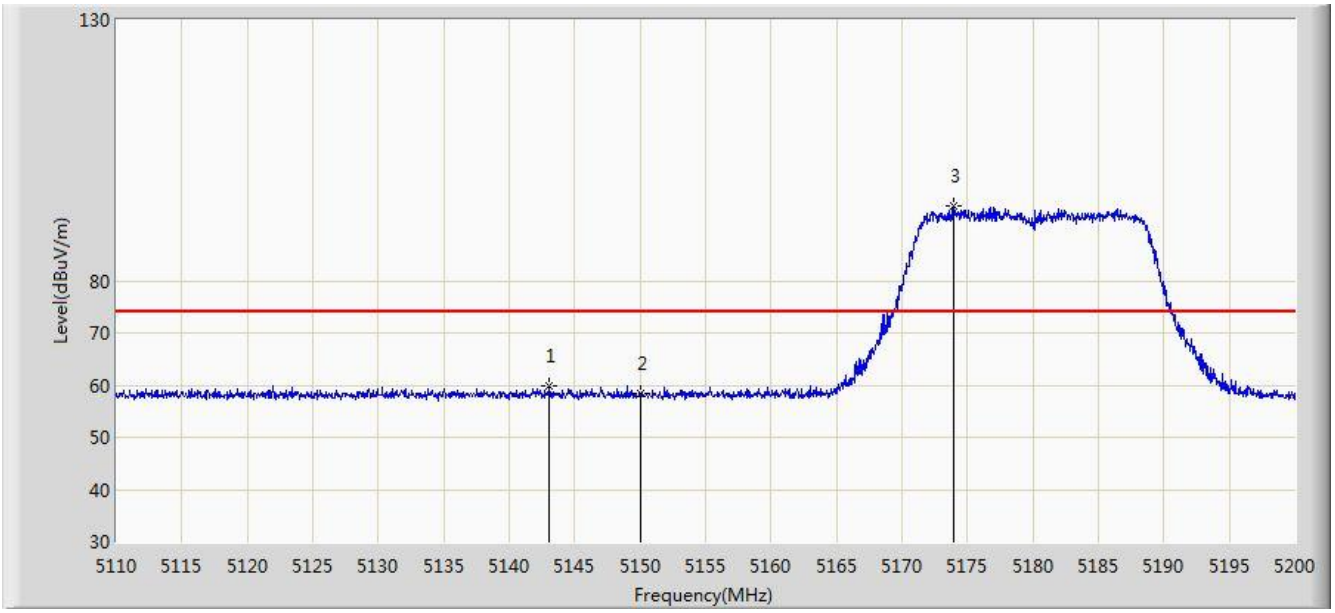


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.138	122.201	118.209	N/A	N/A	3.992	PK
2			5850.000	77.612	73.555	-44.588	122.200	4.058	PK
3			5855.000	70.790	66.730	-40.010	110.800	4.060	PK
4			5875.000	65.140	61.035	-40.060	105.200	4.105	PK
5			5925.000	64.858	60.605	-9.142	74.000	4.254	PK
6			5982.450	68.690	64.412	-5.310	74.000	4.278	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: 2017/04/16 - 14:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5180MHz Ant 0 + 1	

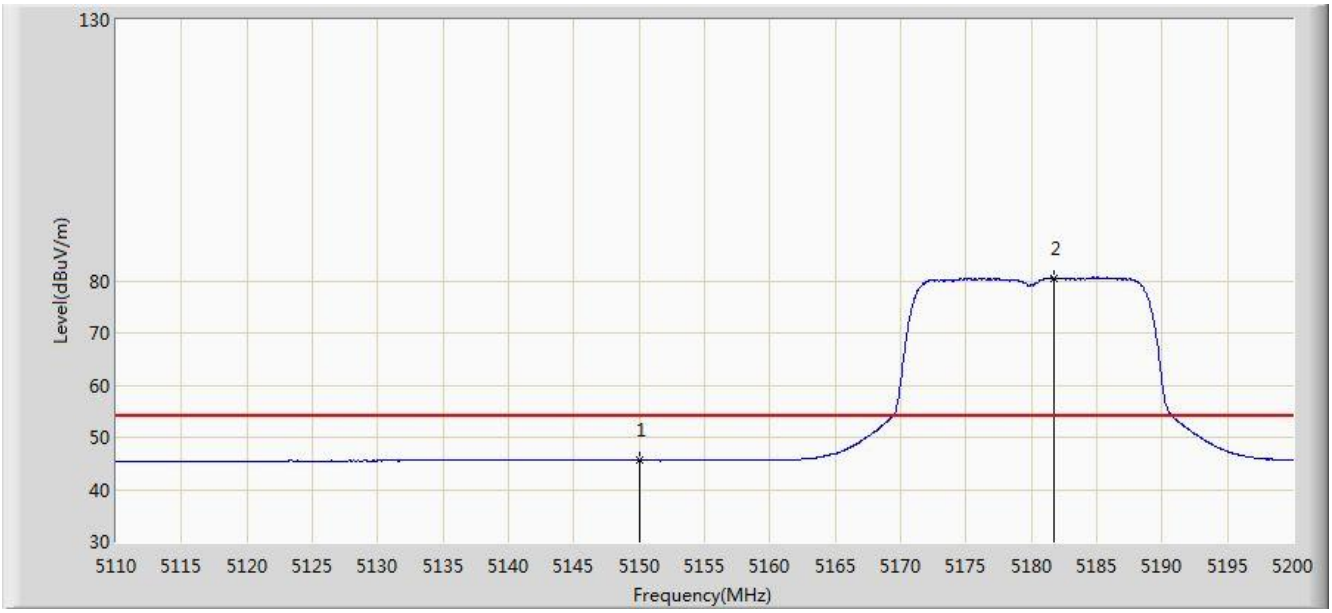


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.075	59.764	56.455	-14.236	74.000	3.310	PK
2			5150.000	58.453	55.144	-15.547	74.000	3.309	PK
3		*	5173.990	94.275	90.997	N/A	N/A	3.279	PK

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: 2017/04/16 - 14:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5180MHz Ant 0 + 1	

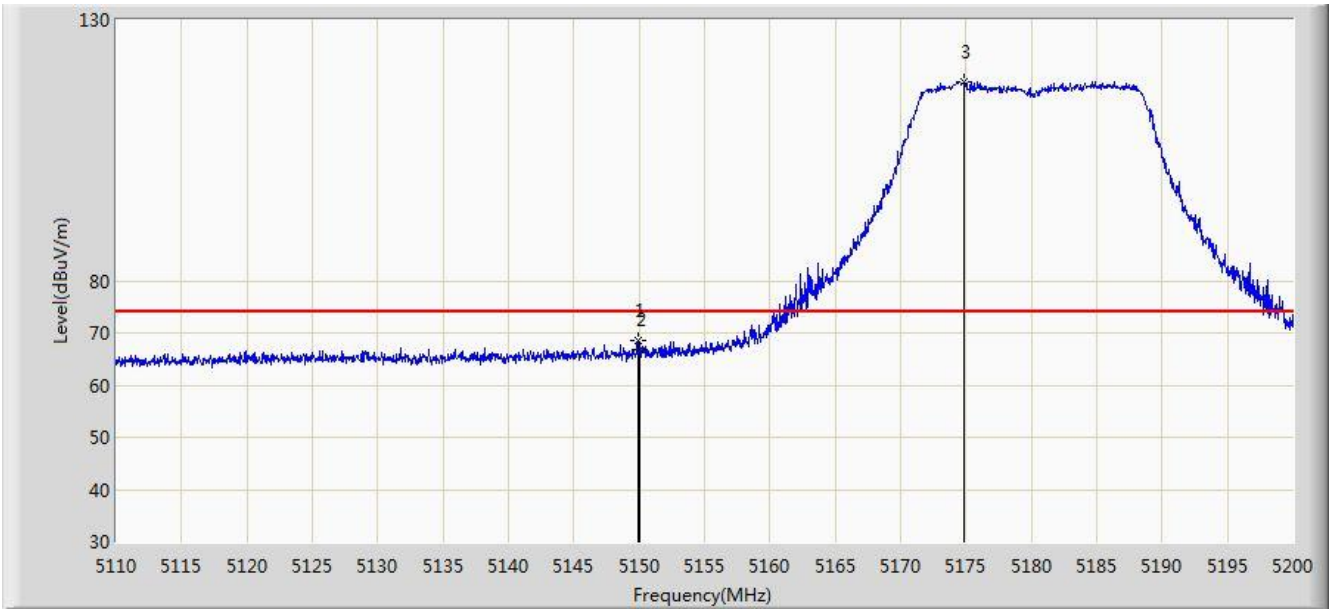


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.563	42.254	-8.437	54.000	3.309	AV
2		*	5181.775	80.543	77.272	N/A	N/A	3.272	AV

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

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

Site: AC1	Time: 2017/04/16 - 14:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5180MHz Ant 0 + 1	

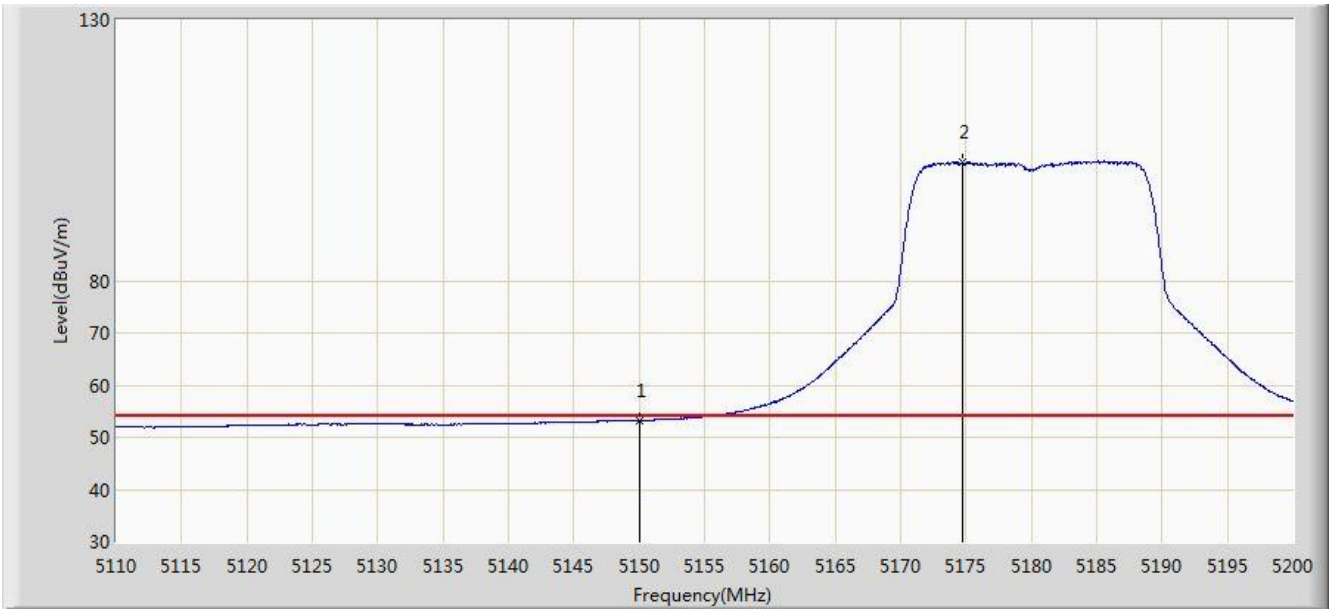


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	68.676	65.367	-5.324	74.000	3.309	PK
2			5150.000	66.716	63.407	-7.284	74.000	3.309	PK
3		*	5174.800	118.105	114.828	N/A	N/A	3.278	PK

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: 2017/04/16 - 14:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5180MHz Ant 0 + 1	

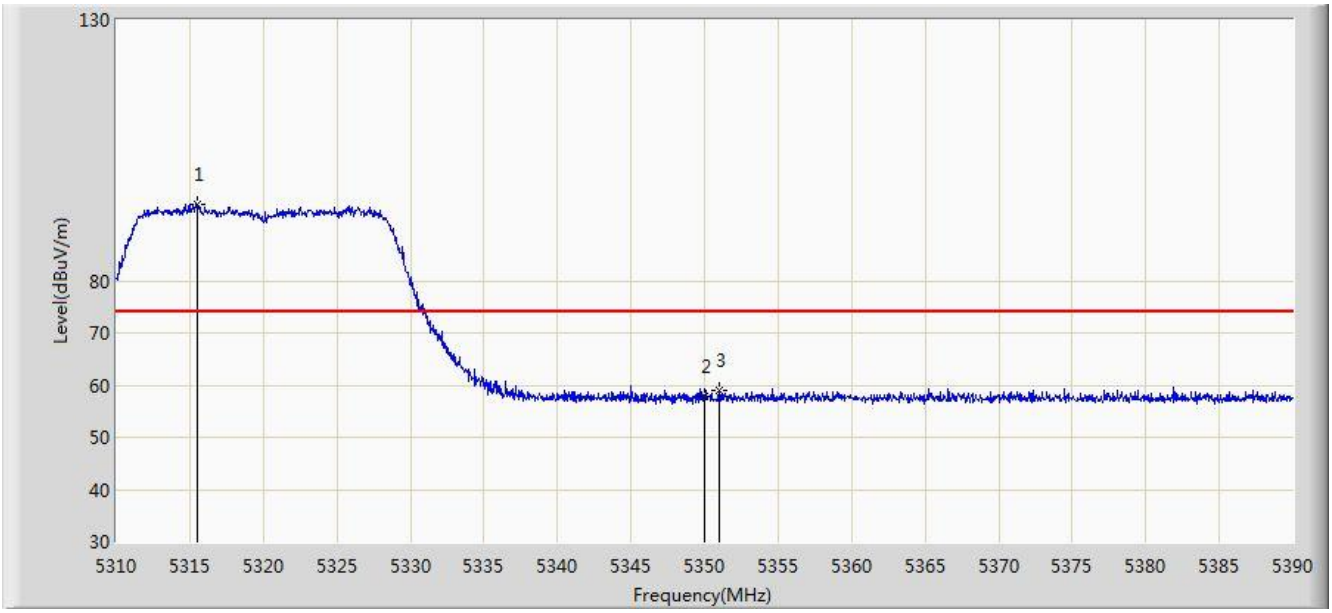


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.154	49.845	-0.846	54.000	3.309	AV
2		*	5174.755	102.684	99.407	N/A	N/A	3.277	AV

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

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

Site: AC1	Time: 2017/04/16 - 14:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5320MHz Ant 0 + 1	

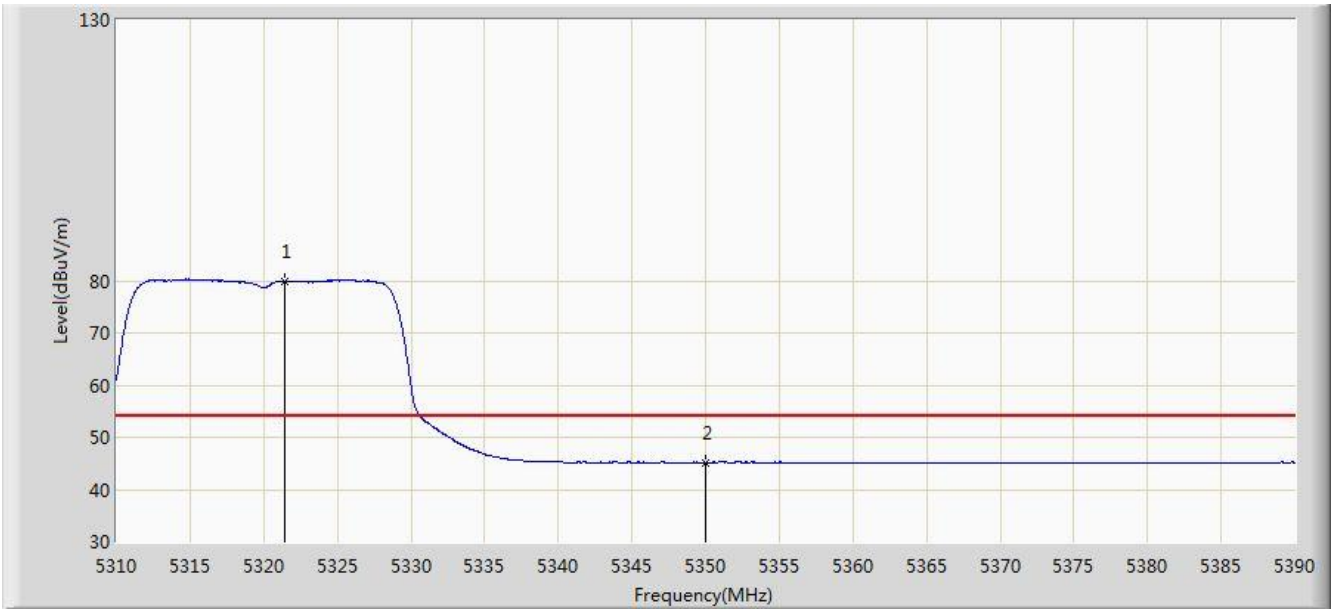


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.560	94.529	91.447	N/A	N/A	3.082	PK
2			5350.000	57.686	54.654	-16.314	74.000	3.032	PK
3			5351.000	58.889	55.858	-15.111	74.000	3.032	PK

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: 2017/04/16 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5320MHz Ant 0 + 1	

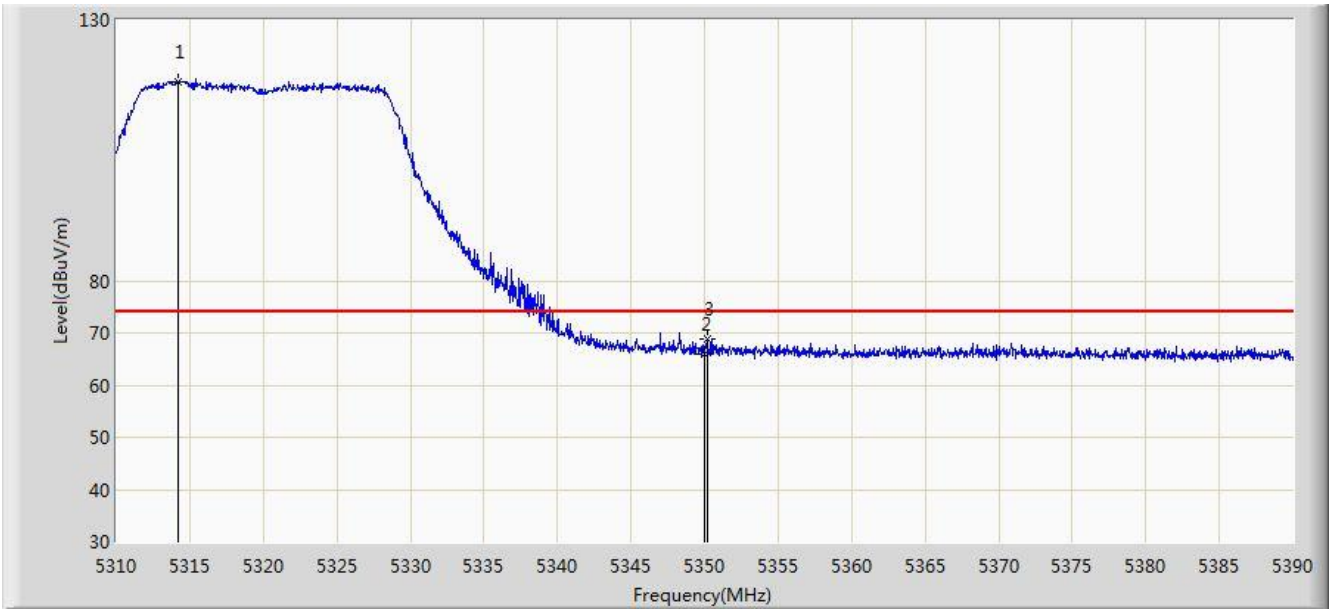


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.400	79.930	76.860	N/A	N/A	3.070	AV
2			5350.000	45.181	42.149	-8.819	54.000	3.032	AV

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

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

Site: AC1	Time: 2017/04/16 - 14:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel at 5320MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.200	118.127	115.042	N/A	N/A	3.085	PK
2			5350.000	65.885	62.853	-8.115	74.000	3.032	PK
3			5350.160	68.969	65.937	-5.031	74.000	3.032	PK

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

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