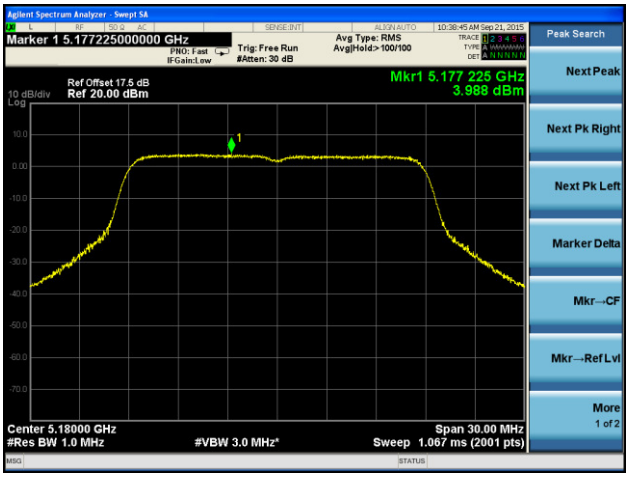
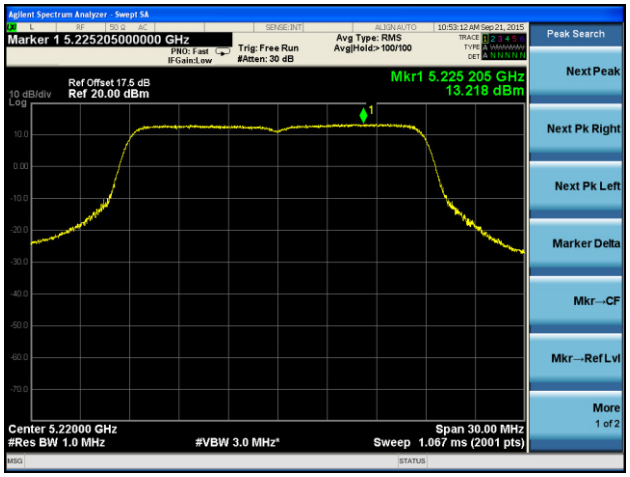
802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 1 + 2

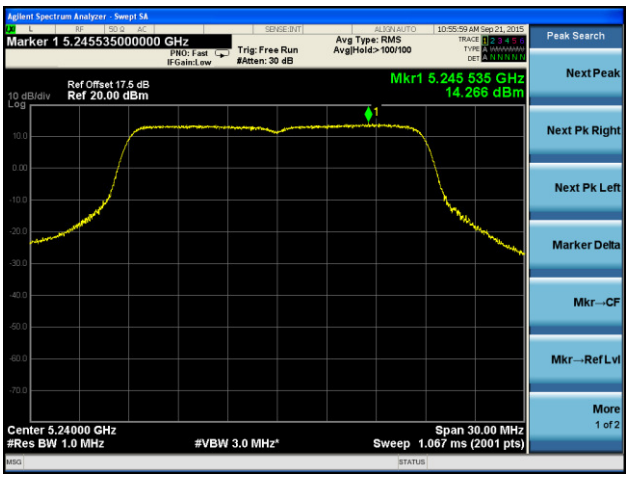
Channel 36 (5180MHz)



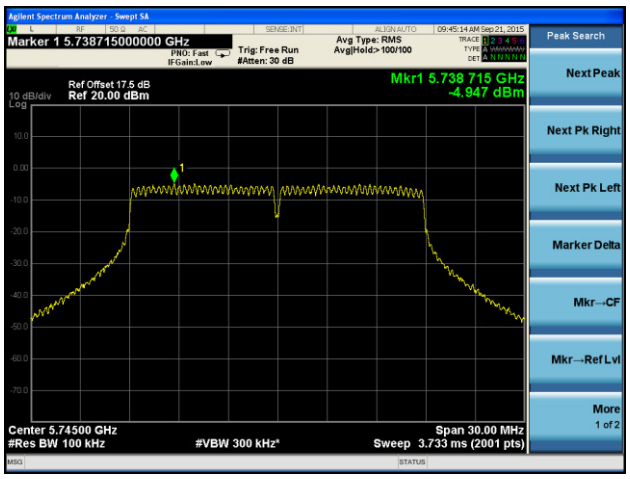
Channel 44 (5220MHz)



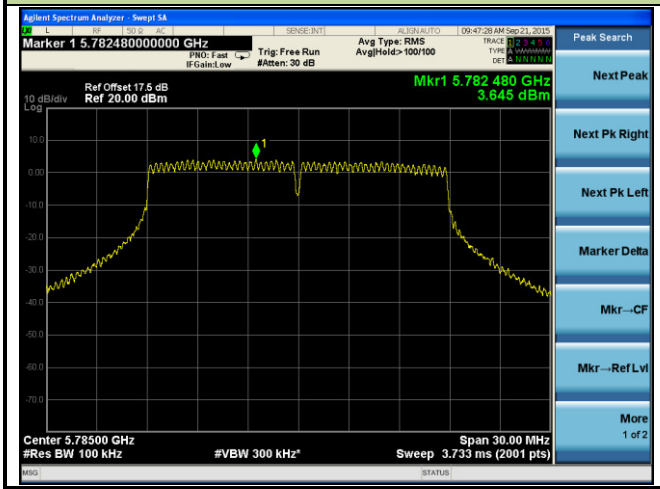
Channel 48 (5240MHz)



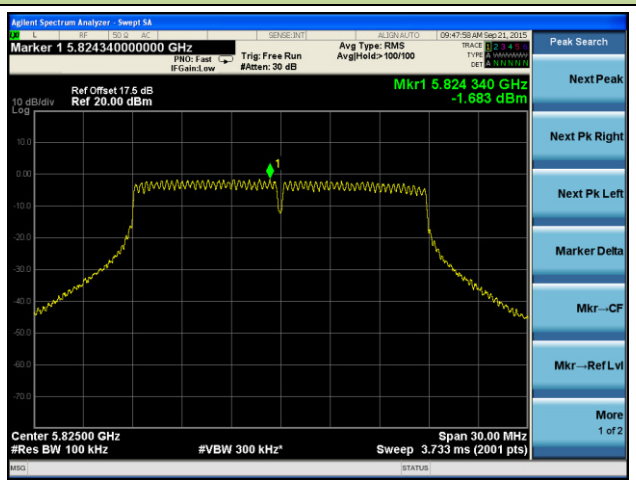
Channel 149 (5745MHz)



Channel 157 (5785MHz)

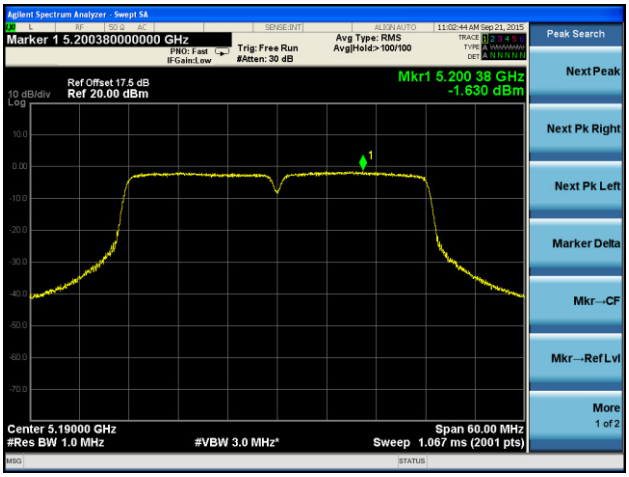


Channel 165 (5825MHz)

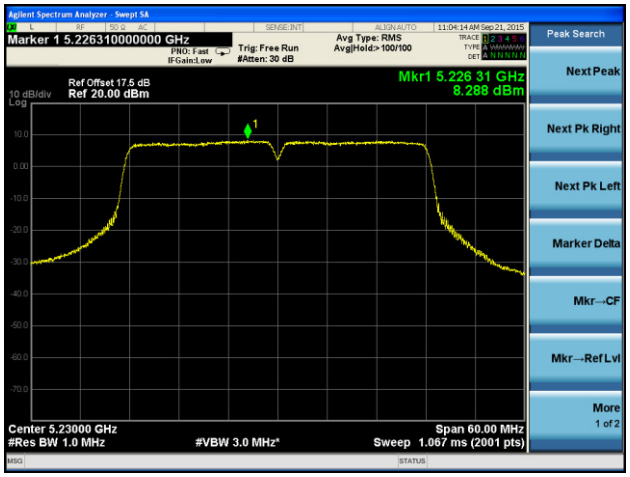


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 1 + 2

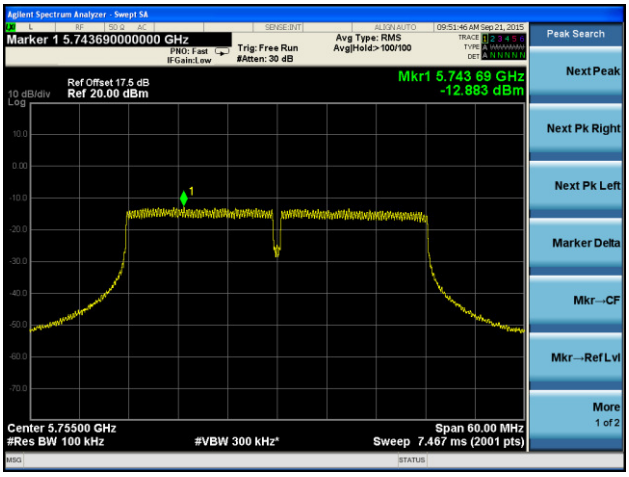
Channel 38 (5190MHz)



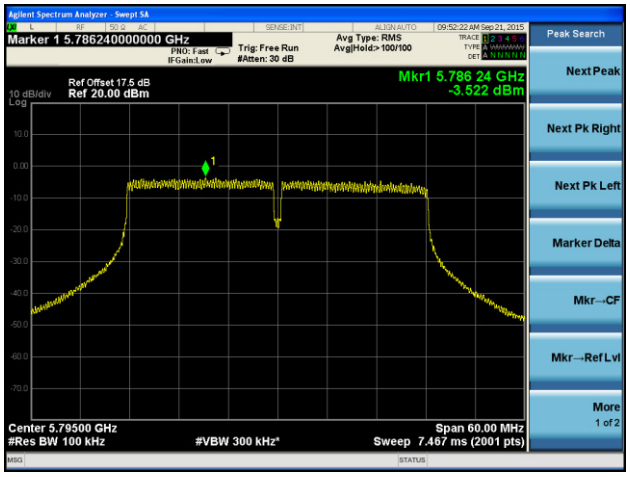
Channel 46 (5230MHz)

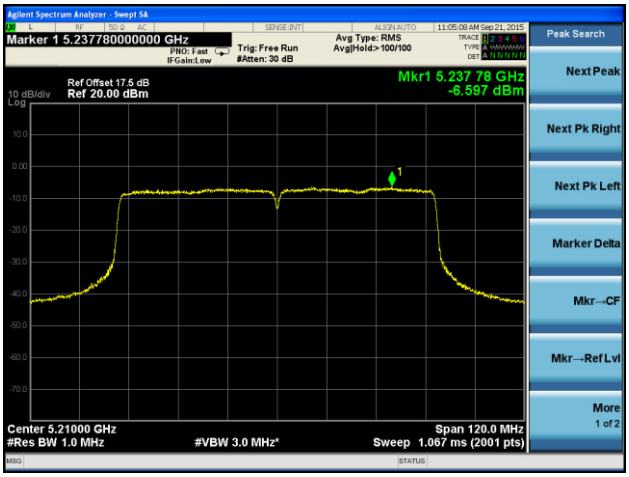
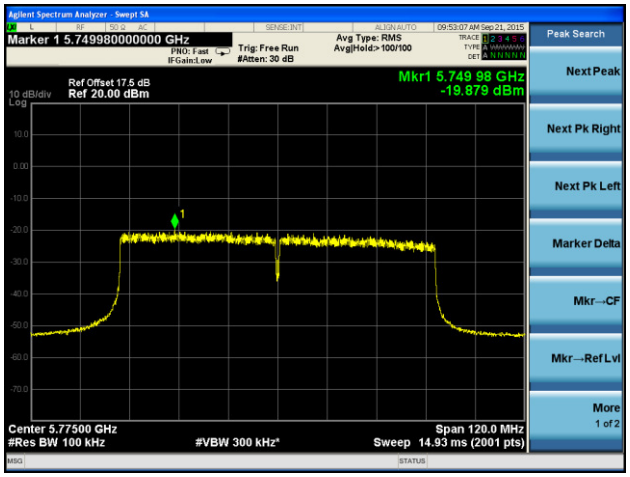


Channel 151 (5755MHz)



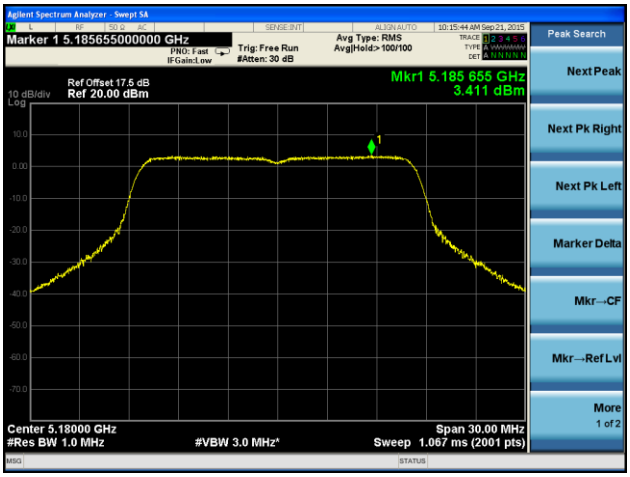
Channel 159 (5795MHz)



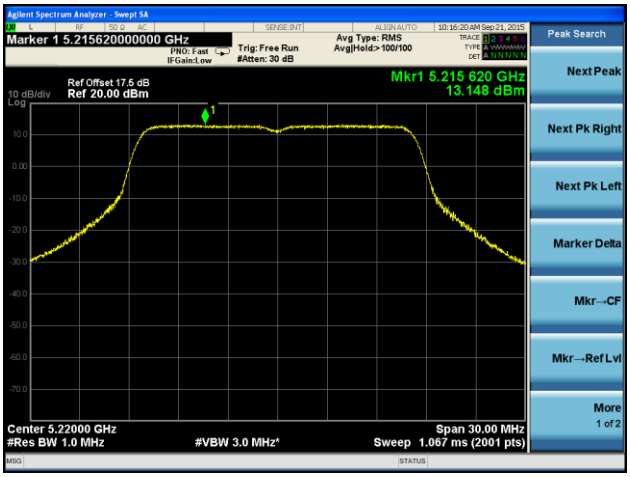
802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 1 + 2	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

802.11a Power Spectral Density - Ant 2 / Ant 1 + 2

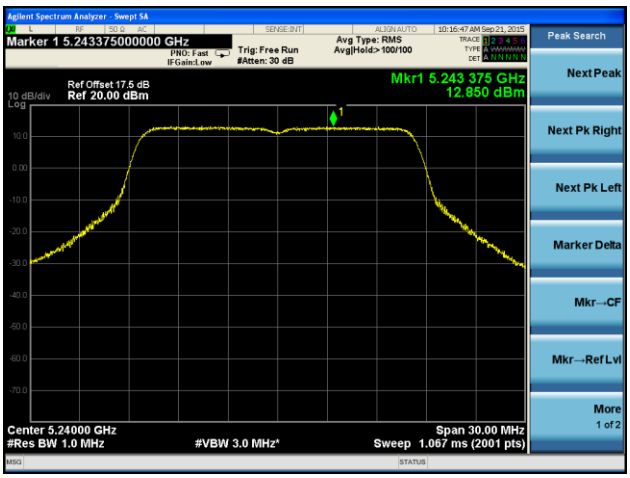
Channel 36 (5180MHz)



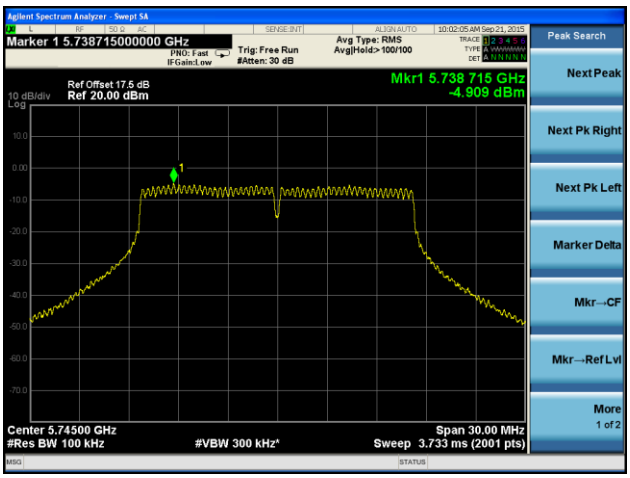
Channel 44 (5220MHz)



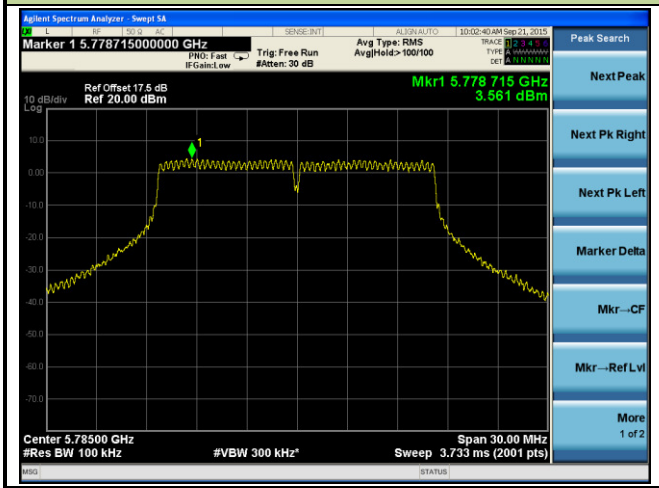
Channel 48 (5240MHz)



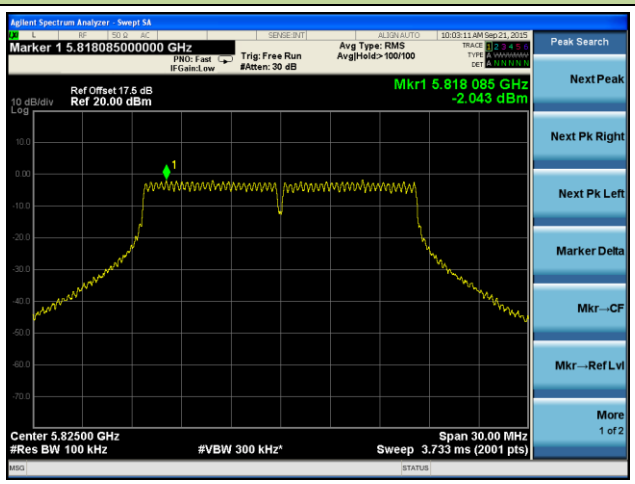
Channel 149 (5745MHz)



Channel 157 (5785MHz)

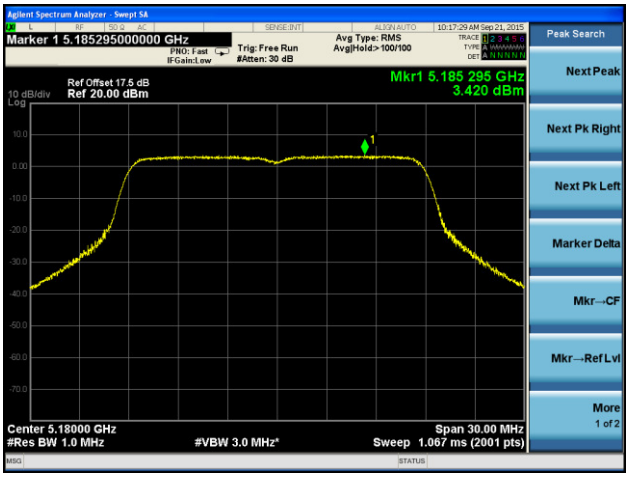


Channel 165 (5825MHz)

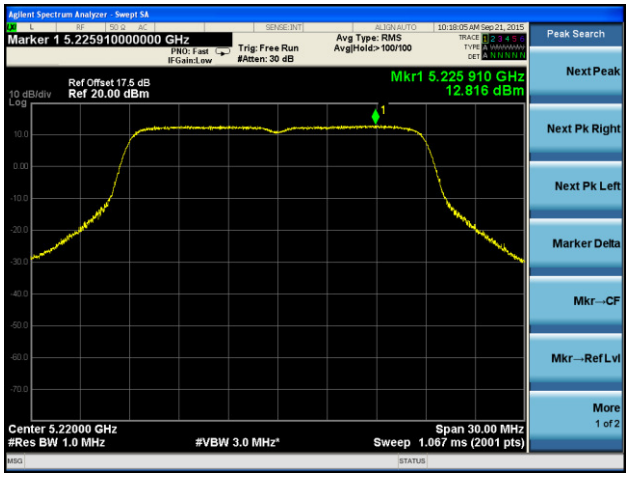


802.11n-HT20 Power Spectral Density - Ant 2 / Ant 1 + 2

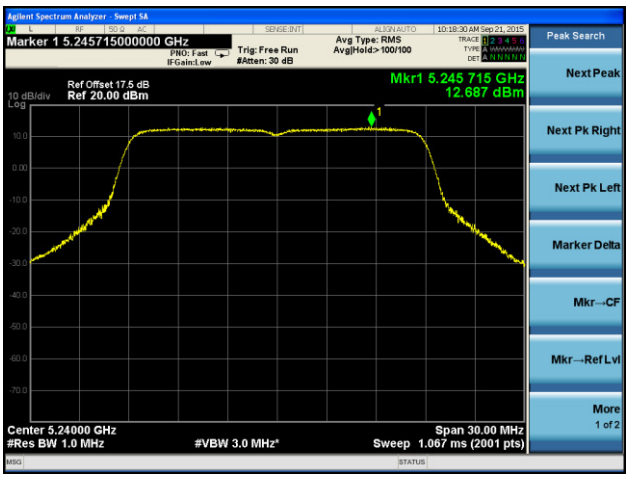
Channel 36 (5180MHz)



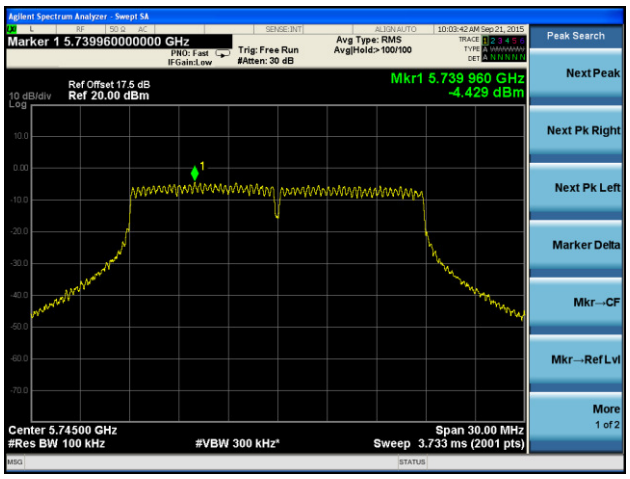
Channel 44 (5220MHz)



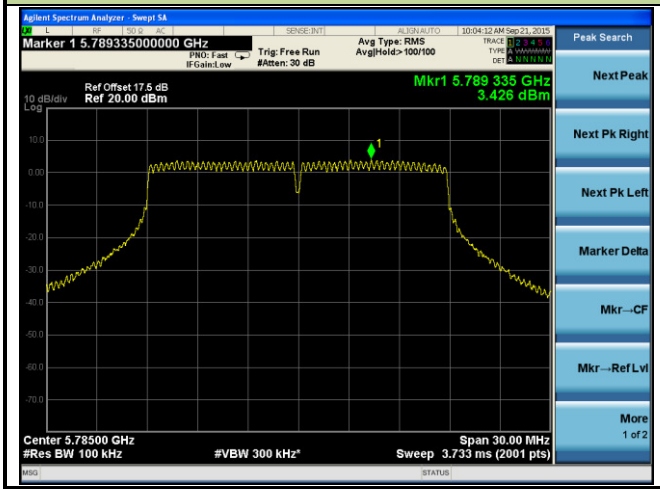
Channel 48 (5240MHz)



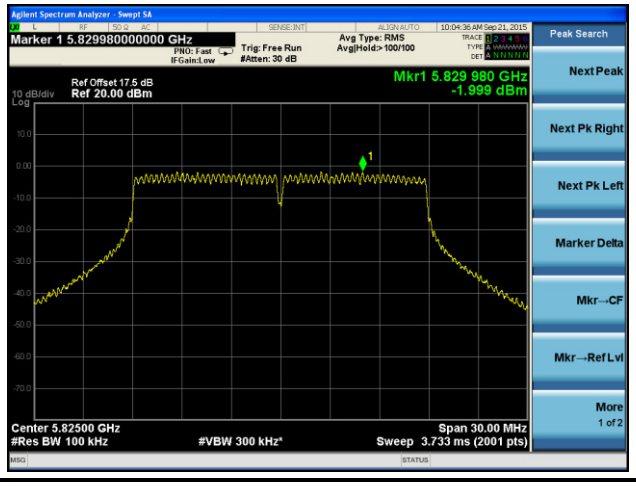
Channel 149 (5745MHz)

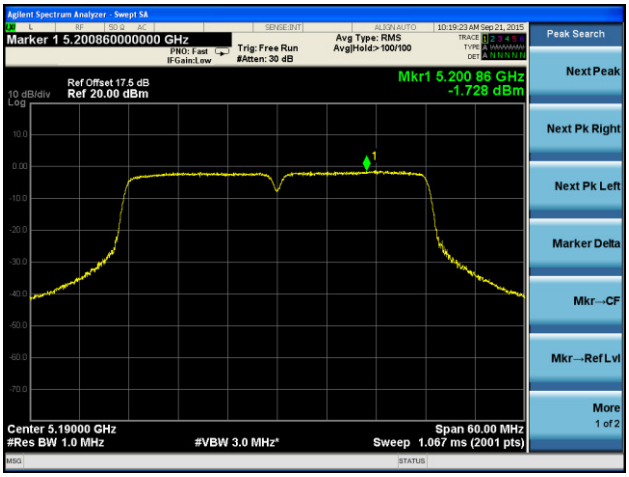
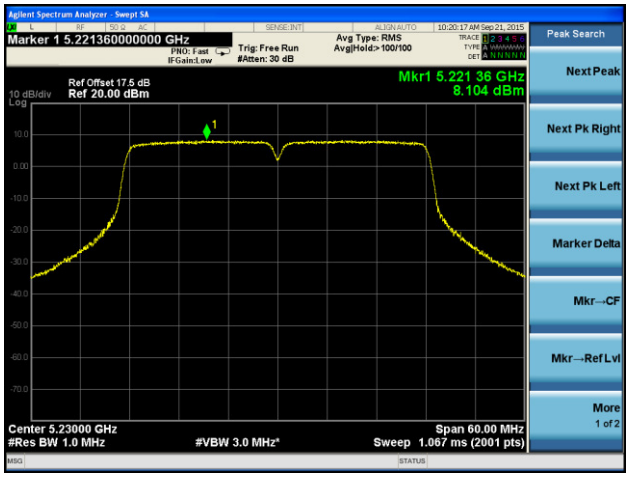
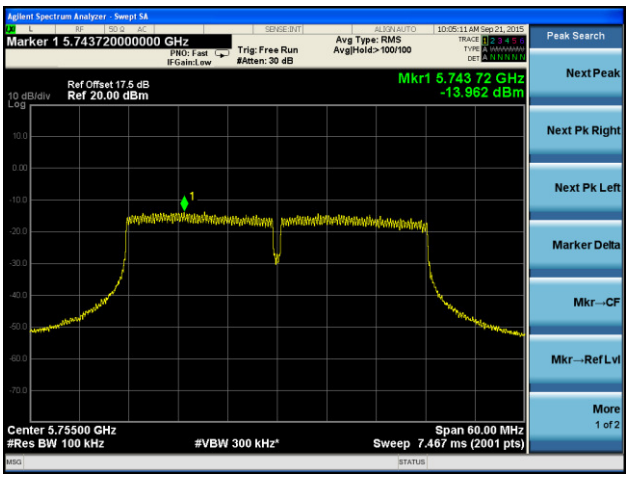
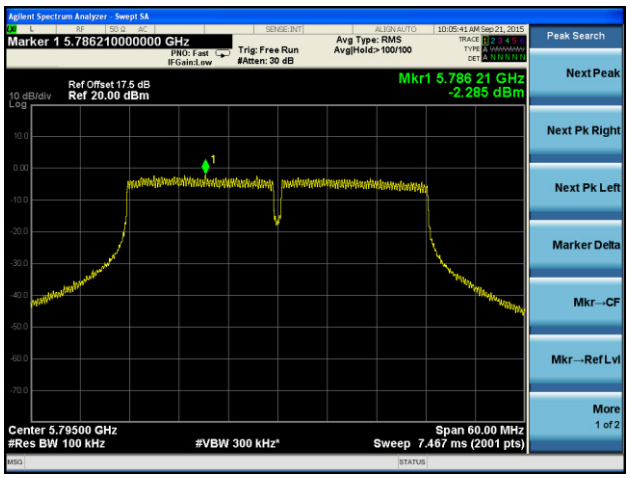


Channel 157 (5785MHz)



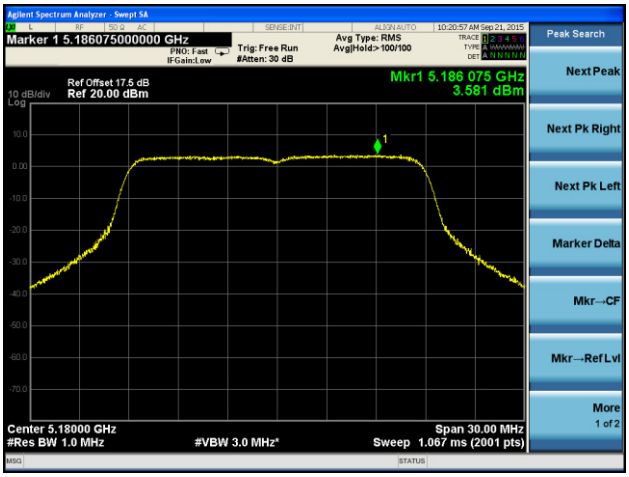
Channel 165 (5825MHz)



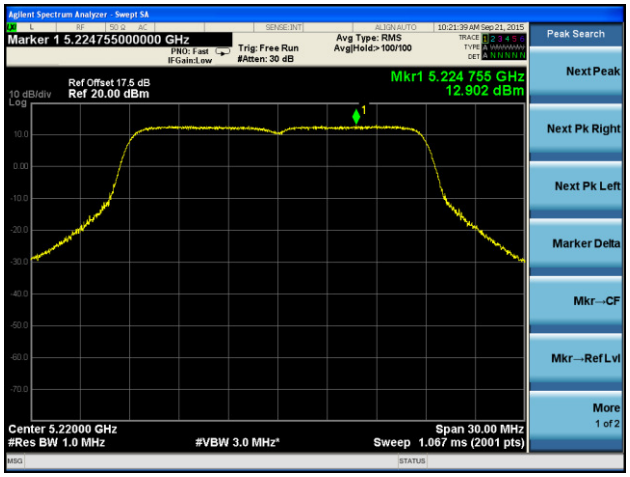
802.11n-HT40 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 1 + 2

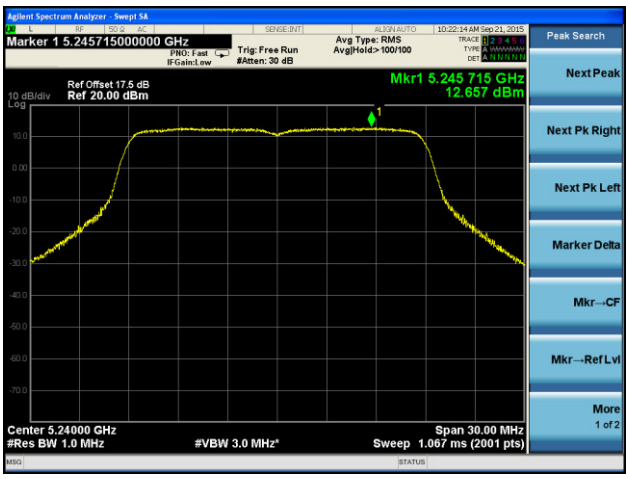
Channel 36 (5180MHz)



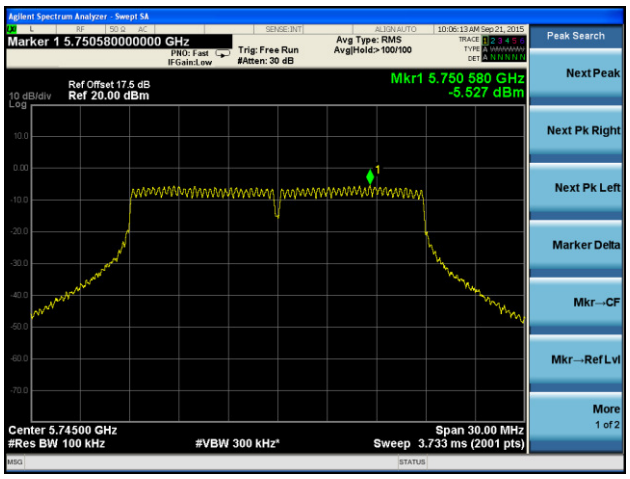
Channel 44 (5220MHz)



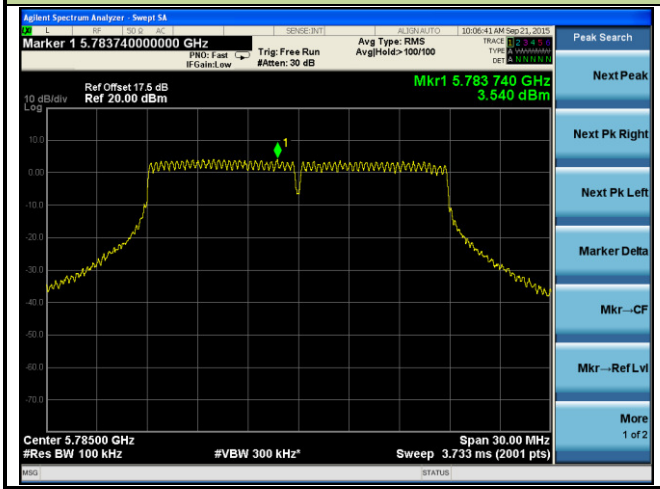
Channel 48 (5240MHz)



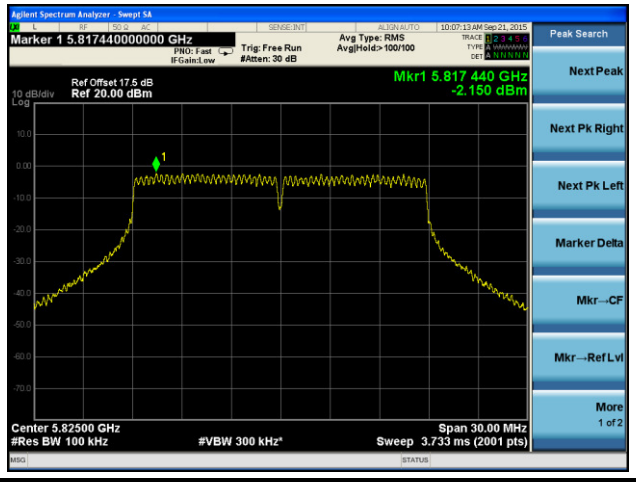
Channel 149 (5745MHz)



Channel 157 (5785MHz)

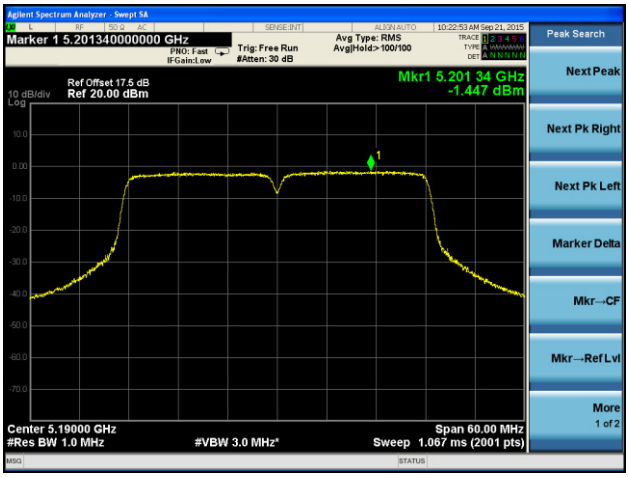


Channel 165 (5825MHz)

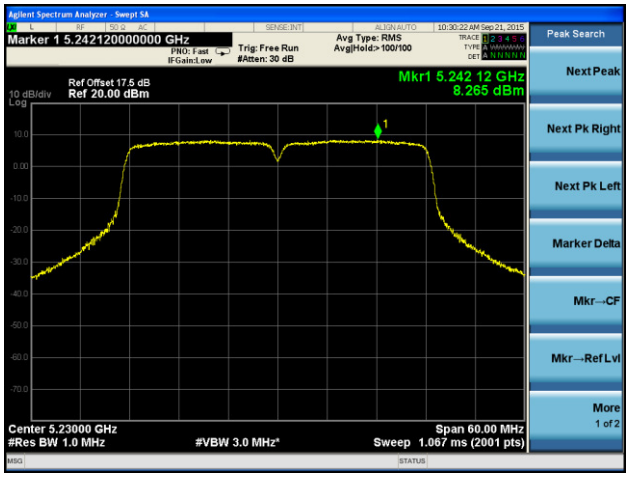


802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 1 + 2

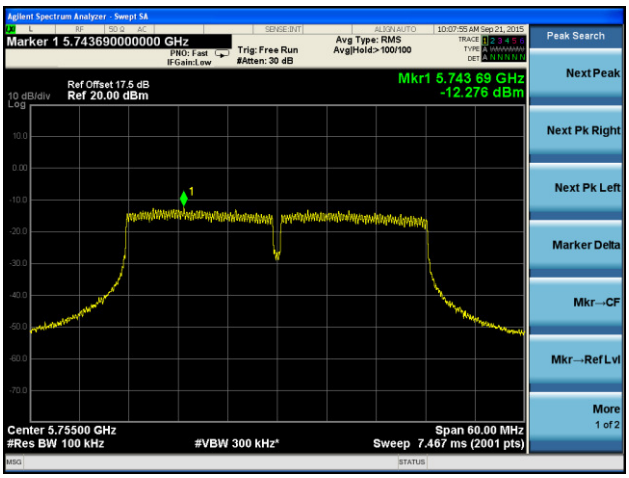
Channel 38 (5190MHz)



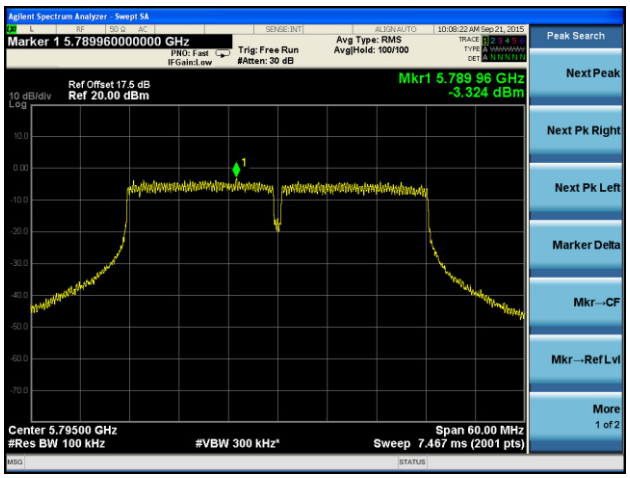
Channel 46 (5230MHz)

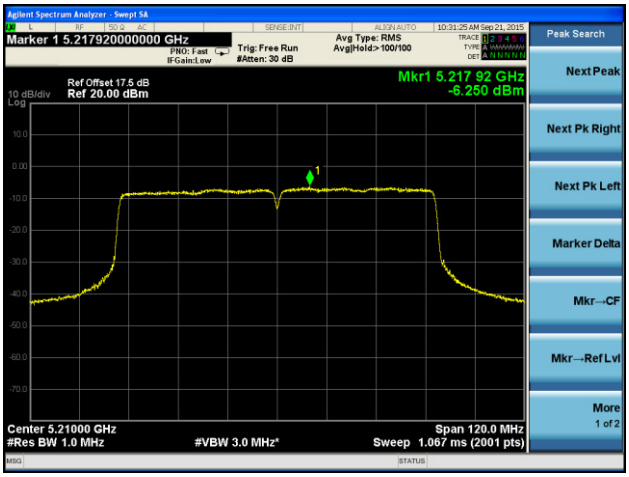
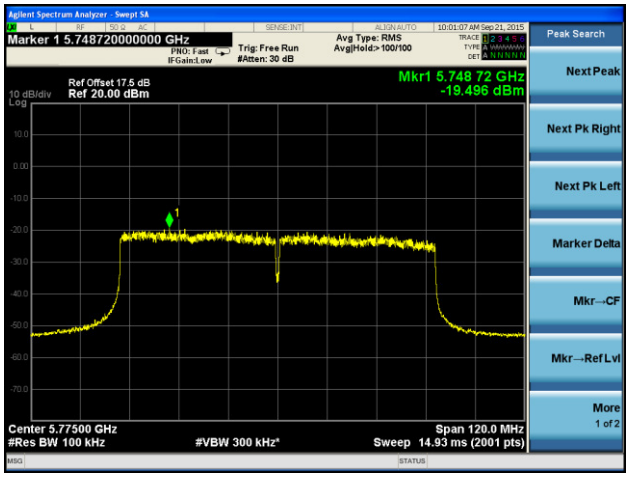


Channel 151 (5755MHz)



Channel 159 (5795MHz)



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

7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

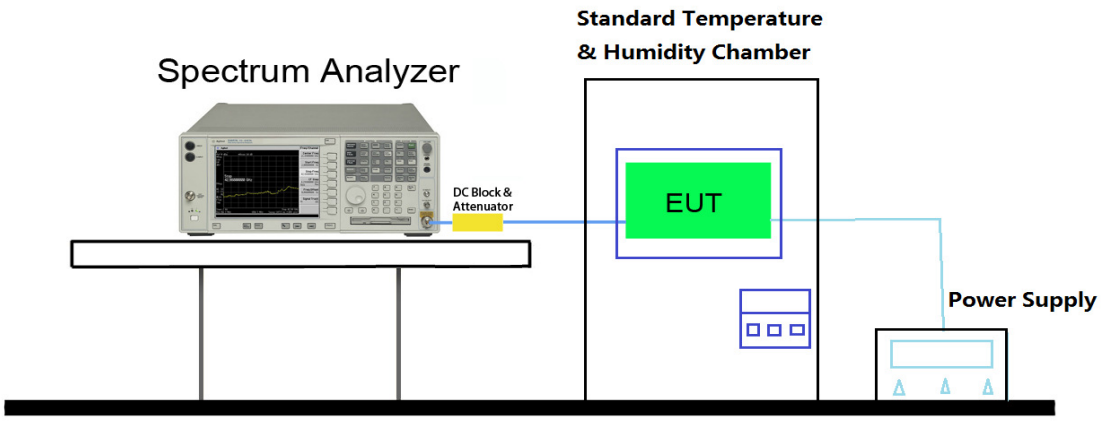
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup



7.7.4. Test Result

Voltage (%)	Power (VAC)	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 20	5.64	3.54	-6.22	5.16
		- 10	-4.24	3.78	3.62	7.52
		0	5.61	3.59	-5.46	4.04
		+ 10	-5.81	5.71	2.10	9.51
		+ 20 (Ref)	6.00	3.26	-7.17	2.90
		+ 30	-4.14	3.29	-0.04	9.21
		+ 40	5.69	1.04	-6.86	3.69
		+ 50	-2.76	1.58	0.84	7.64
115%	138	+ 20	4.19	2.16	-6.09	3.74
85%	102	+ 20	7.43	-5.21	6.33	-5.03

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

7.8.2. Test Procedure Used

KDB 789033 D02v01 - Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

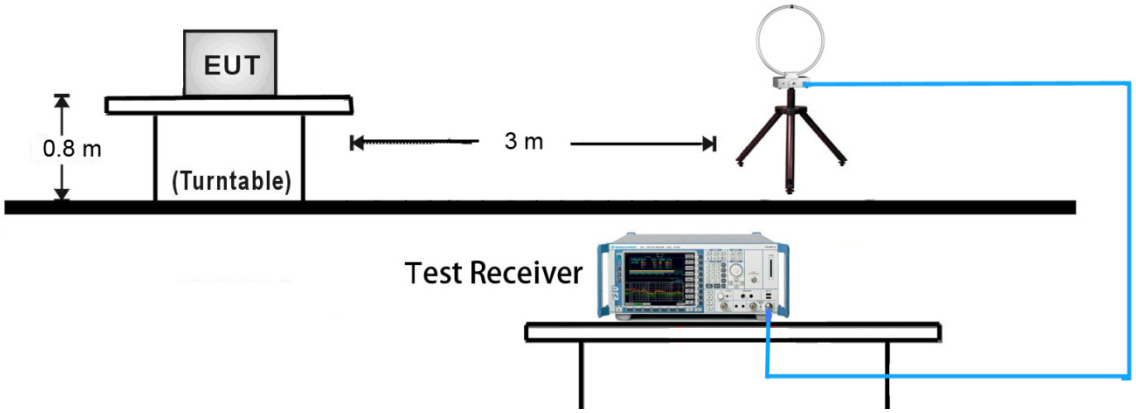
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

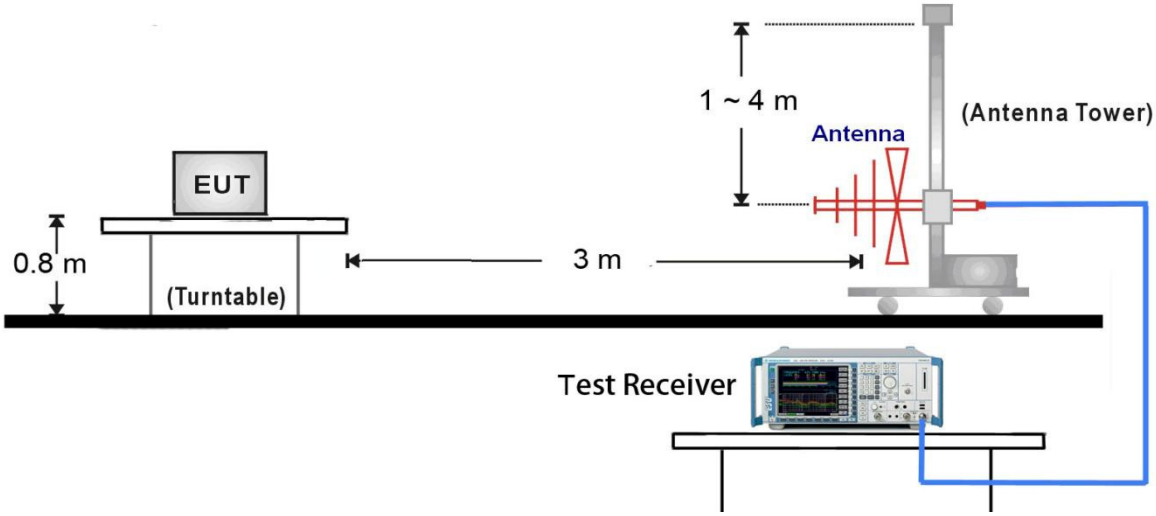
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.8.4. Test Setup

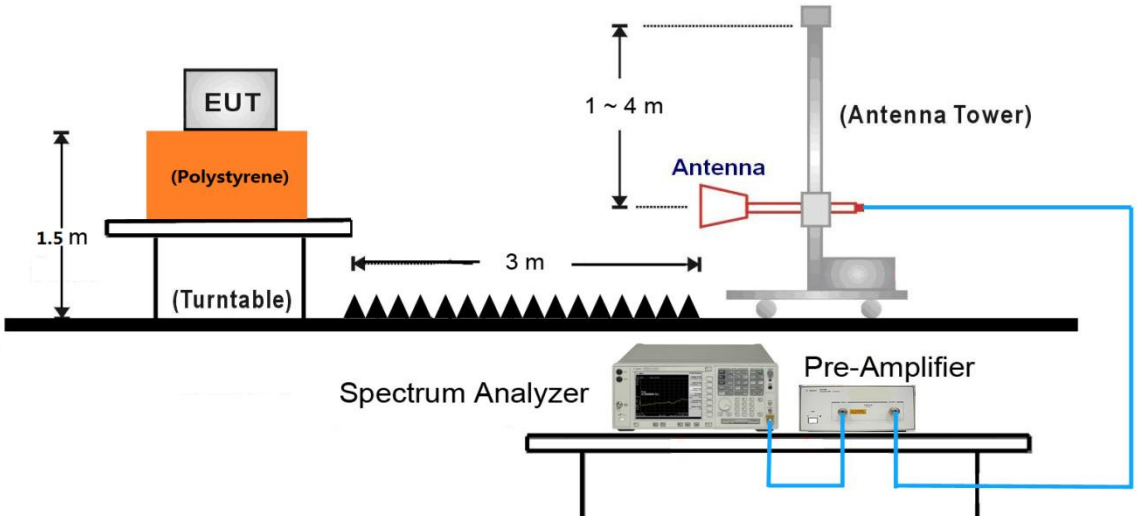
9kHz ~ 30MHz Test Setup:



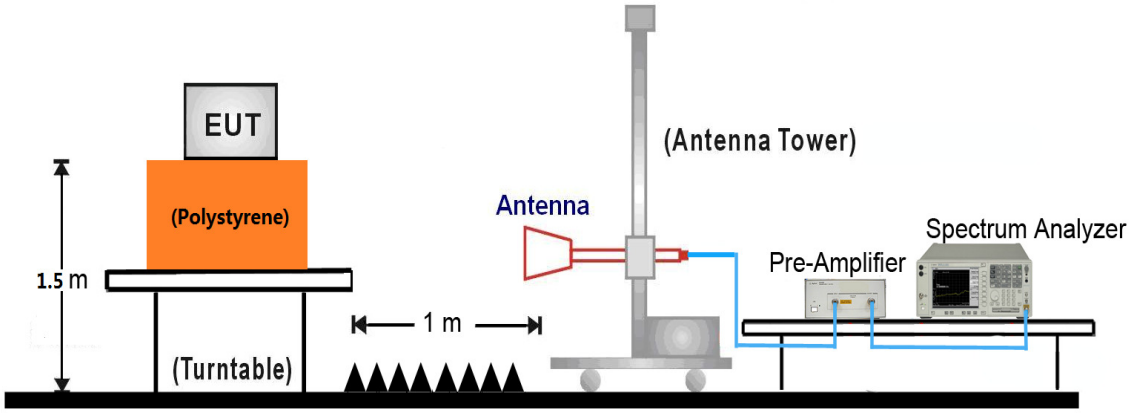
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8624.5	36.1	8.8	44.9	68.2	-23.3	Peak	Horizontal
	9389.5	35.3	10.5	45.8	74.0	-28.2	Peak	Horizontal
	11591.0	35.9	12.6	48.5	74.0	-25.5	Peak	Horizontal
*	7961.5	34.4	8.6	43.0	68.2	-25.2	Peak	Vertical
*	8650.0	36.2	8.8	45.0	68.2	-23.2	Peak	Vertical
	9381.0	34.9	10.5	45.4	74.0	-28.6	Peak	Vertical
	12075.5	35.7	12.0	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
*	10443.5	35.2	12.0	47.2	68.2	-21.0	Peak	Horizontal
	11463.5	35.4	12.7	48.1	74.0	-25.9	Peak	Horizontal
	15654.0	43.3	12.0	55.3	74.0	-18.7	Peak	Horizontal
	15654.0	31.5	12.0	43.5	54.0	-10.5	Average	Horizontal
*	7927.5	35.9	8.5	44.4	68.2	-23.8	Peak	Vertical
*	8624.5	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9347.0	35.7	10.5	46.2	74.0	-27.8	Peak	Vertical
	11013.0	35.4	13.0	48.4	74.0	-25.6	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8845.5	35.8	9.1	44.9	68.2	-23.3	Peak	Horizontal
*	10486.0	36.9	12.3	49.2	68.2	-19.0	Peak	Horizontal
	11200.0	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
	15713.5	44.5	11.8	56.3	74.0	-17.7	Peak	Horizontal
	15713.5	29.4	11.8	41.2	54.0	-12.8	Average	Horizontal
*	7995.5	35.1	8.7	43.8	68.2	-24.4	Peak	Vertical
*	8633.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9338.5	34.6	10.4	45.0	74.0	-29.0	Peak	Vertical
	11140.5	34.9	12.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	7893.5	35.7	8.3	44.0	68.2	-24.2	Peak	Horizontal
*	8879.5	34.5	9.2	43.7	68.2	-24.5	Peak	Horizontal
	9457.5	34.7	10.5	45.2	74.0	-28.8	Peak	Horizontal
	11506.0	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
*	7842.5	35.9	8.4	44.3	68.2	-23.9	Peak	Vertical
*	8675.5	35.6	8.9	44.5	68.2	-23.7	Peak	Vertical
	9330.0	34.7	10.4	45.1	74.0	-28.9	Peak	Vertical
	11608.0	35.0	12.5	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	34.9	8.3	43.2	68.2	-25.0	Peak	Horizontal
*	8820.0	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	9330.0	33.7	10.4	44.1	74.0	-29.9	Peak	Horizontal
	11072.5	34.5	12.8	47.3	74.0	-26.7	Peak	Horizontal
*	7876.5	34.4	8.4	42.8	68.2	-25.4	Peak	Vertical
*	8701.0	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9372.5	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	11574.0	35.7	12.6	48.3	74.0	-25.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7995.5	36.3	8.7	45.0	68.2	-23.2	Peak	Horizontal
*	8599.0	35.6	8.7	44.3	68.2	-23.9	Peak	Horizontal
	9321.5	34.9	10.4	45.3	74.0	-28.7	Peak	Horizontal
	11642.0	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	7783.0	36.2	8.3	44.5	68.2	-23.7	Peak	Vertical
*	8888.0	35.7	9.2	44.9	68.2	-23.3	Peak	Vertical
	9466.0	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11650.5	38.1	12.3	50.4	74.0	-23.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8769.0	35.0	8.9	43.9	68.2	-24.3	Peak	Horizontal
	9304.5	34.9	10.4	45.3	74.0	-28.7	Peak	Horizontal
	10970.5	34.0	13.1	47.1	74.0	-26.9	Peak	Horizontal
*	7825.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8599.0	35.7	8.7	44.4	68.2	-23.8	Peak	Vertical
	9160.0	34.8	9.8	44.6	74.0	-29.4	Peak	Vertical
	11191.5	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	7791.5	36.6	8.3	44.9	68.2	-23.3	Peak	Horizontal
*	8692.5	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
	11387.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	15654.0	45.4	12.0	57.4	74.0	-16.6	Peak	Horizontal
	15654.0	28.1	12.0	40.1	54.0	-13.9	Average	Horizontal
*	7842.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8879.5	34.2	9.2	43.4	68.2	-24.8	Peak	Vertical
	9304.5	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
	11412.5	34.9	12.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8769.0	35.3	8.9	44.2	68.2	-24.0	Peak	Horizontal
*	9610.5	35.1	10.9	46.0	68.2	-22.2	Peak	Horizontal
	10953.5	34.9	13.1	48.0	74.0	-26.0	Peak	Horizontal
	15722.0	42.4	11.8	54.2	74.0	-19.8	Peak	Horizontal
	15722.0	26.1	11.8	37.9	54.0	-16.1	Average	Horizontal
*	7825.5	36.1	8.4	44.5	68.2	-23.7	Peak	Vertical
*	8752.0	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9347.0	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	11038.5	33.8	12.9	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	7774.5	36.2	8.2	44.4	68.2	-23.8	Peak	Horizontal
*	8913.5	34.8	9.1	43.9	68.2	-24.3	Peak	Horizontal
	9372.5	34.5	10.5	45.0	74.0	-29.0	Peak	Horizontal
	11047.0	34.4	12.9	47.3	74.0	-26.7	Peak	Horizontal
*	7766.0	35.7	8.2	43.9	68.2	-24.3	Peak	Vertical
*	8990.0	34.7	8.9	43.6	68.2	-24.6	Peak	Vertical
	9372.5	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11081.0	34.9	12.9	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	36.1	8.3	44.4	68.2	-23.8	Peak	Horizontal
*	8658.5	35.3	8.8	44.1	68.2	-24.1	Peak	Horizontal
	9381.0	34.0	10.5	44.5	74.0	-29.5	Peak	Horizontal
	11557.0	36.7	12.7	49.4	74.0	-24.6	Peak	Horizontal
*	7987.0	34.5	8.7	43.2	68.2	-25.0	Peak	Vertical
*	8675.5	35.4	8.9	44.3	68.2	-23.9	Peak	Vertical
	9143.0	34.2	9.8	44.0	74.0	-30.0	Peak	Vertical
	11574.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8624.5	35.5	8.8	44.3	68.2	-23.9	Peak	Horizontal
	9321.5	34.9	10.4	45.3	74.0	-28.7	Peak	Horizontal
	10953.5	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	7910.5	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
*	8871.0	34.3	9.1	43.4	68.2	-24.8	Peak	Vertical
	9483.0	34.3	10.6	44.9	74.0	-29.1	Peak	Vertical
	11650.5	37.5	12.3	49.8	74.0	-24.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	35.6	8.6	44.2	68.2	-24.0	Peak	Horizontal
*	8828.5	35.4	9.1	44.5	68.2	-23.7	Peak	Horizontal
	9304.5	34.5	10.4	44.9	74.0	-29.1	Peak	Horizontal
	10775.0	34.7	12.5	47.2	74.0	-26.8	Peak	Horizontal
*	7893.5	35.6	8.3	43.9	68.2	-24.3	Peak	Vertical
*	8845.5	34.9	9.1	44.0	68.2	-24.2	Peak	Vertical
	9338.5	34.0	10.4	44.4	74.0	-29.6	Peak	Vertical
	11004.5	34.1	13.0	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 – Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	35.1	8.7	43.8	68.2	-24.4	Peak	Horizontal
*	8743.5	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	9381.0	33.5	10.5	44.0	74.0	-30.0	Peak	Horizontal
	10945.0	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	7987.0	35.6	8.7	44.3	68.2	-23.9	Peak	Vertical
*	8854.0	34.0	9.1	43.1	68.2	-25.1	Peak	Vertical
	9304.5	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	11191.5	34.8	12.5	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 – Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8913.5	34.5	9.1	43.6	68.2	-24.6	Peak	Horizontal
	9313.0	34.2	10.4	44.6	74.0	-29.4	Peak	Horizontal
	10936.5	34.0	13.0	47.0	74.0	-27.0	Peak	Horizontal
*	7987.0	35.0	8.7	43.7	68.2	-24.5	Peak	Vertical
*	8684.0	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
	9347.0	35.1	10.5	45.6	74.0	-28.4	Peak	Vertical
	10673.0	35.4	12.3	47.7	74.0	-26.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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	34.6	8.4	43.0	68.2	-25.2	Peak	Horizontal
*	8709.5	34.4	9.0	43.4	68.2	-24.8	Peak	Horizontal
	9347.0	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	10953.5	33.8	13.1	46.9	74.0	-27.1	Peak	Horizontal
*	7910.5	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
*	8735.0	34.6	8.9	43.5	68.2	-24.7	Peak	Vertical
	9313.0	34.2	10.4	44.6	74.0	-29.4	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 or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	35.8	8.7	44.5	68.2	-23.7	Peak	Horizontal
*	8913.5	35.1	9.1	44.2	68.2	-24.0	Peak	Horizontal
	9389.5	34.0	10.5	44.5	74.0	-29.5	Peak	Horizontal
	10953.5	34.5	13.1	47.6	74.0	-26.4	Peak	Horizontal
*	7944.5	36.2	8.5	44.7	68.2	-23.5	Peak	Vertical
*	8777.5	34.5	8.9	43.4	68.2	-24.8	Peak	Vertical
	9134.5	34.7	9.7	44.4	74.0	-29.6	Peak	Vertical
	11047.0	34.5	12.9	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	7876.5	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
*	8820.0	34.3	9.0	43.3	68.2	-24.9	Peak	Horizontal
	9355.5	34.6	10.5	45.1	74.0	-28.9	Peak	Horizontal
	15654.0	44.8	12.0	56.8	74.0	-17.2	Peak	Horizontal
	15654.0	27.8	12.0	39.8	54.0	-14.2	Average	Horizontal
*	7919.0	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
*	8769.0	33.5	8.9	42.4	68.2	-25.8	Peak	Vertical
	9372.5	34.9	10.5	45.4	74.0	-28.6	Peak	Vertical
	11506.0	34.7	12.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	7774.5	36.2	8.2	44.4	68.2	-23.8	Peak	Horizontal
*	8811.5	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	11047.0	33.9	12.9	46.8	74.0	-27.2	Peak	Horizontal
	15713.5	40.8	11.8	52.6	74.0	-21.4	Peak	Horizontal
*	7987.0	35.0	8.7	43.7	68.2	-24.5	Peak	Vertical
*	8650.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9338.5	34.0	10.4	44.4	74.0	-29.6	Peak	Vertical
	11183.0	34.2	12.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	35.5	8.5	44.0	68.2	-24.2	Peak	Horizontal
*	8573.5	35.3	8.7	44.0	68.2	-24.2	Peak	Horizontal
	9313.0	34.5	10.4	44.9	74.0	-29.1	Peak	Horizontal
	11004.5	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	7910.5	34.2	8.4	42.6	68.2	-25.6	Peak	Vertical
*	8701.0	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9432.0	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	11446.5	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	7893.5	35.6	8.3	43.9	68.2	-24.3	Peak	Horizontal
*	8879.5	34.8	9.2	44.0	68.2	-24.2	Peak	Horizontal
	9398.0	35.1	10.5	45.6	74.0	-28.4	Peak	Horizontal
	10928.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
*	7851.0	33.4	8.4	41.8	68.2	-26.4	Peak	Vertical
*	8624.5	35.1	8.8	43.9	68.2	-24.3	Peak	Vertical
	9330.0	34.3	10.4	44.7	74.0	-29.3	Peak	Vertical
	10732.5	34.7	12.5	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	7876.5	35.7	8.4	44.1	68.2	-24.1	Peak	Horizontal
*	8828.5	34.9	9.1	44.0	68.2	-24.2	Peak	Horizontal
	9398.0	34.4	10.5	44.9	74.0	-29.1	Peak	Horizontal
	10894.0	34.2	12.9	47.1	74.0	-26.9	Peak	Horizontal
*	7842.5	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
*	8743.5	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9415.0	35.0	10.6	45.6	74.0	-28.4	Peak	Vertical
	11650.5	37.3	12.3	49.6	74.0	-24.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	35.1	8.6	43.7	68.2	-24.5	Peak	Horizontal
*	8582.0	35.7	8.6	44.3	68.2	-23.9	Peak	Horizontal
	9389.5	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	10868.5	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
*	7868.0	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
*	8803.0	35.1	8.9	44.0	68.2	-24.2	Peak	Vertical
	9347.0	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11412.5	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 – Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	37.3	8.3	45.6	68.2	-22.6	Peak	Horizontal
*	8769.0	33.9	8.9	42.8	68.2	-25.4	Peak	Horizontal
	9304.5	34.9	10.4	45.3	74.0	-28.7	Peak	Horizontal
	11013.0	33.7	13.0	46.7	74.0	-27.3	Peak	Horizontal
*	7919.0	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
*	8718.0	35.1	9.0	44.1	68.2	-24.1	Peak	Vertical
	9330.0	34.3	10.4	44.7	74.0	-29.3	Peak	Vertical
	11608.0	34.9	12.5	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7995.5	35.3	8.7	44.0	68.2	-24.2	Peak	Horizontal
*	8777.5	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	9457.5	34.0	10.5	44.5	74.0	-29.5	Peak	Horizontal
	11123.5	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	7936.0	35.3	8.5	43.8	68.2	-24.4	Peak	Vertical
*	8888.0	34.2	9.2	43.4	68.2	-24.8	Peak	Vertical
	9126.0	35.2	9.7	44.9	74.0	-29.1	Peak	Vertical
	11115.0	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	7791.5	35.6	8.3	43.9	68.2	-30.1	Peak	Horizontal
*	8760.5	34.5	9.0	43.5	68.2	-30.5	Peak	Horizontal
	9330.0	34.4	10.4	44.8	74.0	-29.2	Peak	Horizontal
	11591.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	7851.0	35.6	8.4	44.0	68.2	-30.0	Peak	Vertical
*	8828.5	34.2	9.1	43.3	68.2	-30.7	Peak	Vertical
	9313.0	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
	10911.0	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 – Ant 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
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
*	7774.5	36.3	8.2	44.5	68.2	-23.7	Peak	Horizontal
*	8650.0	35.3	8.8	44.1	68.2	-24.1	Peak	Horizontal
	9185.5	34.5	10.0	44.5	74.0	-29.5	Peak	Horizontal
	10953.5	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
*	7927.5	34.9	8.5	43.4	68.2	-24.8	Peak	Vertical
*	8769.0	33.5	8.9	42.4	68.2	-25.8	Peak	Vertical
	9338.5	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	10928.0	33.6	13.0	46.6	74.0	-27.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 – Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	35.0	8.3	43.3	68.2	-24.9	Peak	Horizontal
*	8743.5	35.2	9.0	44.2	68.2	-24.0	Peak	Horizontal
	9372.5	34.3	10.5	44.8	74.0	-29.2	Peak	Horizontal
	10868.5	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
*	7842.5	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
*	8828.5	35.4	9.1	44.5	68.2	-23.7	Peak	Vertical
	9347.0	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	11072.5	35.4	12.8	48.2	74.0	-25.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8769.0	33.9	8.9	42.8	68.2	-25.4	Peak	Horizontal
	9406.5	34.8	10.6	45.4	74.0	-28.6	Peak	Horizontal
	10902.5	34.7	13.0	47.7	74.0	-26.3	Peak	Horizontal
*	7876.5	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8675.5	34.8	8.9	43.7	68.2	-24.5	Peak	Vertical
	9372.5	34.2	10.5	44.7	74.0	-29.3	Peak	Vertical
	10868.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
*	8701.0	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	9338.5	33.8	10.4	44.2	74.0	-29.8	Peak	Horizontal
	10843.0	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
*	8735.0	34.3	8.9	43.2	68.2	-25.0	Peak	Vertical
*	9823.0	33.2	11.6	44.8	68.2	-23.4	Peak	Vertical
	10885.5	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
	15662.5	37.4	12.0	49.4	74.0	-24.6	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	7859.5	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8633.0	34.9	8.8	43.7	68.2	-24.5	Peak	Horizontal
	9423.5	34.9	10.6	45.5	74.0	-28.5	Peak	Horizontal
	10732.5	34.9	12.5	47.4	74.0	-26.6	Peak	Horizontal
*	7774.5	35.8	8.2	44.0	68.2	-24.2	Peak	Vertical
*	8616.0	35.6	8.8	44.4	68.2	-23.8	Peak	Vertical
	9432.0	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	10885.5	34.7	12.9	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	7876.5	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8769.0	34.5	8.9	43.4	68.2	-24.8	Peak	Horizontal
	9415.0	34.2	10.6	44.8	74.0	-29.2	Peak	Horizontal
	10996.0	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
*	7766.0	35.7	8.2	43.9	68.2	-24.3	Peak	Vertical
*	8726.5	35.1	9.0	44.1	68.2	-24.1	Peak	Vertical
	9432.0	34.2	10.5	44.7	74.0	-29.3	Peak	Vertical
	10979.0	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	36.1	8.3	44.4	68.2	-23.8	Peak	Horizontal
*	8641.5	35.6	8.8	44.4	68.2	-23.8	Peak	Horizontal
	9381.0	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	11574.0	36.7	12.6	49.3	74.0	-24.7	Peak	Horizontal
*	7927.5	35.5	8.5	44.0	68.2	-24.2	Peak	Vertical
*	8718.0	34.4	9.0	43.4	68.2	-24.8	Peak	Vertical
	9321.5	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	11565.5	36.5	12.7	49.2	74.0	-24.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	7876.5	34.6	8.4	43.0	68.2	-25.2	Peak	Horizontal
*	8769.0	35.1	8.9	44.0	68.2	-24.2	Peak	Horizontal
	9389.5	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	10732.5	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
*	7876.5	33.7	8.4	42.1	68.2	-26.1	Peak	Vertical
*	8633.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9355.5	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	10690.0	34.3	12.4	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8854.0	33.4	9.1	42.5	68.2	-25.7	Peak	Horizontal
	9313.0	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	10834.5	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
*	7910.5	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
*	8624.5	35.7	8.8	44.5	68.2	-23.7	Peak	Vertical
	9398.0	32.7	10.5	43.2	74.0	-30.8	Peak	Vertical
	10970.5	33.7	13.1	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8896.5	34.8	9.2	44.0	68.2	-24.2	Peak	Horizontal
	9364.0	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	10953.5	34.2	13.1	47.3	74.0	-26.7	Peak	Horizontal
*	8786.0	35.6	8.9	44.5	68.2	-23.7	Peak	Vertical
*	9644.5	35.2	11.0	46.2	68.2	-22.0	Peak	Vertical
	11514.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	15671.0	37.9	11.9	49.8	74.0	-24.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	7791.5	36.2	8.3	44.5	68.2	-23.7	Peak	Horizontal
*	8684.0	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	9347.0	33.9	10.5	44.4	74.0	-29.6	Peak	Horizontal
	11140.5	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
*	7953.0	34.1	8.6	42.7	68.2	-25.5	Peak	Vertical
*	8616.0	35.1	8.8	43.9	68.2	-24.3	Peak	Vertical
	9466.0	33.4	10.5	43.9	74.0	-30.1	Peak	Vertical
	10928.0	34.1	13.0	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	7791.5	35.8	8.3	44.1	68.2	-24.1	Peak	Horizontal
*	8743.5	34.6	9.0	43.6	68.2	-24.6	Peak	Horizontal
	9347.0	34.5	10.5	45.0	74.0	-29.0	Peak	Horizontal
	10911.0	33.8	13.0	46.8	74.0	-27.2	Peak	Horizontal
*	7808.5	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
*	8803.0	34.7	8.9	43.6	68.2	-24.6	Peak	Vertical
	9364.0	34.0	10.5	44.5	74.0	-29.5	Peak	Vertical
	11038.5	33.8	12.9	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
*	8718.0	34.3	9.0	43.3	68.2	-24.9	Peak	Horizontal
	9406.5	34.6	10.6	45.2	74.0	-28.8	Peak	Horizontal
	11565.5	36.7	12.7	49.4	74.0	-24.6	Peak	Horizontal
*	7910.5	35.1	8.4	43.5	68.2	-24.7	Peak	Vertical
*	8641.5	35.4	8.8	44.2	68.2	-24.0	Peak	Vertical
	9338.5	33.5	10.4	43.9	74.0	-30.1	Peak	Vertical
	11565.5	38.1	12.7	50.8	74.0	-23.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	34.2	8.6	42.8	68.2	-25.4	Peak	Horizontal
*	8956.0	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	9423.5	34.4	10.6	45.0	74.0	-29.0	Peak	Horizontal
	11582.5	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	7876.5	34.7	8.4	43.1	68.2	-25.1	Peak	Vertical
*	8709.5	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9432.0	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	10936.5	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	35.4	8.6	44.0	68.2	-24.2	Peak	Horizontal
*	8828.5	34.2	9.1	43.3	68.2	-24.9	Peak	Horizontal
	9415.0	34.0	10.6	44.6	74.0	-29.4	Peak	Horizontal
	10970.5	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	7876.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8701.0	34.4	9.0	43.4	68.2	-24.8	Peak	Vertical
	9168.5	36.1	9.9	46.0	74.0	-28.0	Peak	Vertical
	11038.5	34.5	12.9	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	35.4	8.5	43.9	68.2	-24.3	Peak	Horizontal
*	8769.0	34.0	8.9	42.9	68.2	-25.3	Peak	Horizontal
	9415.0	34.5	10.6	45.1	74.0	-28.9	Peak	Horizontal
	11378.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
*	7970.0	35.6	8.6	44.2	68.2	-24.0	Peak	Vertical
*	8675.5	34.7	8.9	43.6	68.2	-24.6	Peak	Vertical
	9313.0	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	11089.5	34.2	12.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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	33.8	8.4	42.2	68.2	-26.0	Peak	Horizontal
*	8641.5	34.9	8.8	43.7	68.2	-24.5	Peak	Horizontal
	9440.5	34.5	10.5	45.0	74.0	-29.0	Peak	Horizontal
	10834.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
*	7910.5	34.5	8.4	42.9	68.2	-25.3	Peak	Vertical
*	8820.0	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9457.5	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	10885.5	34.3	12.9	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	7774.5	36.6	8.2	44.8	68.2	-23.4	Peak	Horizontal
*	8684.0	34.4	9.0	43.4	68.2	-24.8	Peak	Horizontal
	9338.5	34.4	10.4	44.8	74.0	-29.2	Peak	Horizontal
	11166.0	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
*	7808.5	36.3	8.4	44.7	68.2	-23.5	Peak	Vertical
*	8692.5	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9304.5	34.2	10.4	44.6	74.0	-29.4	Peak	Vertical
	10928.0	34.0	13.0	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	7834.0	36.5	8.4	44.9	68.2	-23.3	Peak	Horizontal
*	8777.5	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	9338.5	34.8	10.4	45.2	74.0	-28.8	Peak	Horizontal
	11523.0	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
*	7987.0	35.5	8.7	44.2	68.2	-24.0	Peak	Vertical
*	8811.5	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9313.0	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	11072.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	34.9	8.5	43.4	68.2	-24.8	Peak	Horizontal
*	8769.0	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	9355.5	34.9	10.5	45.4	74.0	-28.6	Peak	Horizontal
	10962.0	34.5	13.1	47.6	74.0	-26.4	Peak	Horizontal
*	7834.0	36.3	8.4	44.7	68.2	-23.5	Peak	Vertical
*	8862.5	34.3	9.1	43.4	68.2	-24.8	Peak	Vertical
	9338.5	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	11089.5	34.2	12.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8701.0	36.2	9.0	45.2	68.2	-23.0	Peak	Horizontal
	9466.0	35.5	10.5	46.0	74.0	-28.0	Peak	Horizontal
	10911.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
*	7902.0	35.8	8.3	44.1	68.2	-24.1	Peak	Vertical
*	8641.5	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9321.5	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	11013.0	34.4	13.0	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	34.9	8.6	43.5	68.2	-24.7	Peak	Horizontal
*	8837.0	35.2	9.1	44.3	68.2	-23.9	Peak	Horizontal
	9330.0	34.3	10.4	44.7	74.0	-29.3	Peak	Horizontal
	11038.5	34.6	12.9	47.5	74.0	-26.5	Peak	Horizontal
*	7927.5	35.1	8.5	43.6	68.2	-24.6	Peak	Vertical
*	8599.0	35.5	8.7	44.2	68.2	-24.0	Peak	Vertical
	9151.5	34.9	9.8	44.7	74.0	-29.3	Peak	Vertical
	10885.5	33.8	12.9	46.7	74.0	-27.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	7859.5	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8675.5	34.9	8.9	43.8	68.2	-24.4	Peak	Horizontal
	9466.0	33.1	10.5	43.6	74.0	-30.4	Peak	Horizontal
	11565.5	37.0	12.7	49.7	74.0	-24.3	Peak	Horizontal
*	7791.5	36.1	8.3	44.4	68.2	-23.8	Peak	Vertical
*	8658.5	35.0	8.8	43.8	68.2	-24.4	Peak	Vertical
	9423.5	34.1	10.6	44.7	74.0	-29.3	Peak	Vertical
	11565.5	36.1	12.7	48.8	74.0	-25.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8811.5	34.6	9.0	43.6	68.2	-24.6	Peak	Horizontal
	9185.5	34.5	10.0	44.5	74.0	-29.5	Peak	Horizontal
	10928.0	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	7791.5	35.6	8.3	43.9	68.2	-24.3	Peak	Vertical
*	8616.0	34.6	8.8	43.4	68.2	-24.8	Peak	Vertical
	9338.5	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
	10868.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8896.5	34.9	9.2	44.1	68.2	-24.1	Peak	Horizontal
	9355.5	34.7	10.5	45.2	74.0	-28.8	Peak	Horizontal
	10928.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
*	7783.0	35.7	8.3	44.0	68.2	-24.2	Peak	Vertical
*	8769.0	35.0	8.9	43.9	68.2	-24.3	Peak	Vertical
	9432.0	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	11217.0	34.8	12.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	35.6	8.7	44.3	68.2	-23.9	Peak	Horizontal
*	8726.5	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
	9432.0	34.2	10.5	44.7	74.0	-29.3	Peak	Horizontal
	11047.0	33.8	12.9	46.7	74.0	-27.3	Peak	Horizontal
*	7842.5	34.6	8.4	43.0	68.2	-25.2	Peak	Vertical
*	8667.0	35.0	8.9	43.9	68.2	-24.3	Peak	Vertical
	9364.0	34.1	10.5	44.6	74.0	-29.4	Peak	Vertical
	10953.5	34.7	13.1	47.8	74.0	-26.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8675.5	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	9423.5	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	11064.0	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
*	7766.0	36.0	8.2	44.2	68.2	-24.0	Peak	Vertical
*	8616.0	34.5	8.8	43.3	68.2	-24.9	Peak	Vertical
	9117.5	36.7	9.5	46.2	74.0	-27.8	Peak	Vertical
	10936.5	33.9	13.0	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	36.0	8.3	44.3	68.2	-23.9	Peak	Horizontal
*	8684.0	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	9432.0	34.0	10.5	44.5	74.0	-29.5	Peak	Horizontal
	11013.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
*	7808.5	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
*	8786.0	35.1	8.9	44.0	68.2	-24.2	Peak	Vertical
	9483.0	33.7	10.6	44.3	74.0	-29.7	Peak	Vertical
	11004.5	34.0	13.0	47.0	74.0	-27.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 – Ant 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	35.3	8.3	43.6	68.2	-24.6	Peak	Horizontal
*	8811.5	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
	9347.0	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	10868.5	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
*	7978.5	35.4	8.7	44.1	68.2	-24.1	Peak	Vertical
*	8641.5	34.8	8.8	43.6	68.2	-24.6	Peak	Vertical
	9304.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	10851.5	34.2	12.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 – Ant 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
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	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8879.5	34.6	9.2	43.8	68.2	-24.4	Peak	Horizontal
	9355.5	34.4	10.5	44.9	74.0	-29.1	Peak	Horizontal
	11004.5	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
*	7825.5	36.5	8.4	44.9	68.2	-23.3	Peak	Vertical
*	8811.5	34.5	9.0	43.5	68.2	-24.7	Peak	Vertical
	9330.0	34.6	10.4	45.0	74.0	-29.0	Peak	Vertical
	10970.5	33.8	13.1	46.9	74.0	-27.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8845.5	34.6	9.1	43.7	68.2	-24.5	Peak	Horizontal
	9126.0	34.6	9.7	44.3	74.0	-29.7	Peak	Horizontal
	10945.0	33.9	13.1	47.0	74.0	-27.0	Peak	Horizontal
*	7978.5	34.5	8.7	43.2	68.2	-25.0	Peak	Vertical
*	8667.0	34.9	8.9	43.8	68.2	-24.4	Peak	Vertical
	9330.0	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	10962.0	34.2	13.1	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	8641.5	35.3	8.8	44.1	68.2	-24.1	Peak	Horizontal
*	10443.5	38.1	12.0	50.1	68.2	-18.1	Peak	Horizontal
	11455.0	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
	15654.0	45.8	12.0	57.8	74.0	-16.2	Peak	Horizontal
	15654.0	31.4	12.0	43.4	54.0	-10.6	Average	Horizontal
*	8896.5	34.1	9.2	43.3	68.2	-24.9	Peak	Vertical
*	9908.0	35.3	11.6	46.9	68.2	-21.3	Peak	Vertical
	11608.0	35.3	12.5	47.8	74.0	-26.2	Peak	Vertical
	15654.0	41.0	12.0	53.0	74.0	-21.0	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8616.0	34.5	8.8	43.3	68.2	-24.9	Peak	Horizontal
*	9602.0	35.1	10.9	46.0	68.2	-22.2	Peak	Horizontal
	11489.0	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
	15722.0	41.3	11.8	53.1	74.0	-20.9	Peak	Horizontal
	8803.0	34.2	8.9	43.1	68.2	-25.1	Peak	Vertical
*	10486.0	35.8	12.3	48.1	68.2	-20.1	Peak	Vertical
*	11591.0	34.5	12.6	47.1	74.0	-26.9	Peak	Vertical
	15722.0	36.5	11.8	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8658.5	35.4	8.8	44.2	68.2	-24.0	Peak	Horizontal
	9321.5	34.5	10.4	44.9	74.0	-29.1	Peak	Horizontal
	10945.0	34.1	13.1	47.2	74.0	-26.8	Peak	Horizontal
*	7842.5	34.7	8.4	43.1	68.2	-25.1	Peak	Vertical
*	8633.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9355.5	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	10936.5	34.3	13.0	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	35.4	8.6	44.0	68.2	-24.2	Peak	Horizontal
*	8854.0	34.9	9.1	44.0	68.2	-24.2	Peak	Horizontal
	9483.0	34.0	10.6	44.6	74.0	-29.4	Peak	Horizontal
	11565.5	39.2	12.7	51.9	74.0	-22.1	Peak	Horizontal
*	7944.5	35.7	8.5	44.2	68.2	-24.0	Peak	Vertical
*	8718.0	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9347.0	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	11557.0	38.9	12.7	51.6	74.0	-22.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a – Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	7774.5	36.0	8.2	44.2	68.2	-24.0	Peak	Horizontal
*	8582.0	35.3	8.6	43.9	68.2	-24.3	Peak	Horizontal
	9338.5	35.4	10.4	45.8	74.0	-28.2	Peak	Horizontal
	11506.0	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
*	7791.5	36.3	8.3	44.6	68.2	-23.6	Peak	Vertical
*	8616.0	35.1	8.8	43.9	68.2	-24.3	Peak	Vertical
	9338.5	33.6	10.4	44.0	74.0	-30.0	Peak	Vertical
	11319.0	34.6	12.5	47.1	74.0	-26.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8616.0	35.1	8.8	43.9	68.2	-24.3	Peak	Horizontal
	9364.0	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	10996.0	34.5	13.0	47.5	74.0	-26.5	Peak	Horizontal
*	7927.5	35.2	8.5	43.7	68.2	-24.5	Peak	Vertical
*	8845.5	34.5	9.1	43.6	68.2	-24.6	Peak	Vertical
	9330.0	34.2	10.4	44.6	74.0	-29.4	Peak	Vertical
	10911.0	34.5	13.0	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	8828.5	35.0	9.1	44.1	68.2	-24.1	Peak	Horizontal
*	9687.0	34.3	10.9	45.2	68.2	-23.0	Peak	Horizontal
	10902.5	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
	15654.0	41.1	12.0	53.1	74.0	-20.9	Peak	Horizontal
*	8828.5	35.7	9.1	44.8	68.2	-23.4	Peak	Vertical
*	9746.5	34.3	11.3	45.6	68.2	-22.6	Peak	Vertical
	10953.5	34.1	13.1	47.2	74.0	-26.8	Peak	Vertical
	15654.0	39.2	12.0	51.2	74.0	-22.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8616.0	34.9	8.8	43.7	68.2	-24.5	Peak	Horizontal
*	9721.0	33.9	11.1	45.0	68.2	-23.2	Peak	Horizontal
	11608.0	34.6	12.5	47.1	74.0	-26.9	Peak	Horizontal
	15713.5	40.5	11.8	52.3	74.0	-21.7	Peak	Horizontal
*	8650.0	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
*	10486.0	36.3	12.3	48.6	68.2	-19.6	Peak	Vertical
	11591.0	33.9	12.6	46.5	74.0	-27.5	Peak	Vertical
	15730.5	37.0	11.8	48.8	74.0	-25.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	7774.5	36.1	8.2	44.3	68.2	-23.9	Peak	Horizontal
*	8658.5	35.4	8.8	44.2	68.2	-24.0	Peak	Horizontal
	9372.5	34.1	10.5	44.6	74.0	-29.4	Peak	Horizontal
	10877.0	35.0	12.9	47.9	74.0	-26.1	Peak	Horizontal
*	7970.0	35.2	8.6	43.8	68.2	-24.4	Peak	Vertical
*	8692.5	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9364.0	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	10843.0	34.5	12.7	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8624.5	35.1	8.8	43.9	68.2	-24.3	Peak	Horizontal
	9364.0	33.0	10.5	43.5	74.0	-30.5	Peak	Horizontal
	11565.5	39.7	12.7	52.4	74.0	-21.6	Peak	Horizontal
*	7970.0	34.7	8.6	43.3	68.2	-24.9	Peak	Vertical
*	8675.5	34.3	8.9	43.2	68.2	-25.0	Peak	Vertical
	9338.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	11574.0	37.6	12.6	50.2	74.0	-23.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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	34.9	8.4	43.3	68.2	-24.9	Peak	Horizontal
*	8735.0	34.7	8.9	43.6	68.2	-24.6	Peak	Horizontal
	9355.5	34.3	10.5	44.8	74.0	-29.2	Peak	Horizontal
	11344.5	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
*	7825.5	36.3	8.4	44.7	68.2	-23.5	Peak	Vertical
*	8548.0	36.3	8.6	44.9	68.2	-23.3	Peak	Vertical
	9406.5	34.5	10.6	45.1	74.0	-28.9	Peak	Vertical
	11514.5	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	7851.0	33.9	8.4	42.3	68.2	-25.9	Peak	Horizontal
*	8616.0	35.8	8.8	44.6	68.2	-23.6	Peak	Horizontal
	9364.0	34.5	10.5	45.0	74.0	-29.0	Peak	Horizontal
	11463.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
*	7783.0	36.2	8.3	44.5	68.2	-23.7	Peak	Vertical
*	8658.5	35.8	8.8	44.6	68.2	-23.6	Peak	Vertical
	9330.0	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	10979.0	34.4	13.0	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	35.8	8.7	44.5	68.2	-23.7	Peak	Horizontal
*	8786.0	34.9	8.9	43.8	68.2	-24.4	Peak	Horizontal
	9381.0	34.3	10.5	44.8	74.0	-29.2	Peak	Horizontal
	10953.5	34.6	13.1	47.7	74.0	-26.3	Peak	Horizontal
*	7893.5	34.9	8.3	43.2	68.2	-25.0	Peak	Vertical
*	8837.0	34.5	9.1	43.6	68.2	-24.6	Peak	Vertical
	9304.5	33.5	10.4	43.9	74.0	-30.1	Peak	Vertical
	10970.5	33.8	13.1	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	36.3	8.4	44.7	68.2	-23.5	Peak	Horizontal
*	8641.5	35.6	8.8	44.4	68.2	-23.8	Peak	Horizontal
	9304.5	34.8	10.4	45.2	74.0	-28.8	Peak	Horizontal
	10766.5	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
*	7961.5	35.9	8.6	44.5	68.2	-23.7	Peak	Vertical
*	8684.0	34.9	9.0	43.9	68.2	-24.3	Peak	Vertical
	9313.0	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	11064.0	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8905.0	34.6	9.2	43.8	68.2	-24.4	Peak	Horizontal
	9313.0	33.9	10.4	44.3	74.0	-29.7	Peak	Horizontal
	10953.5	33.4	13.1	46.5	74.0	-27.5	Peak	Horizontal
*	7936.0	35.7	8.5	44.2	68.2	-24.0	Peak	Vertical
*	8837.0	35.0	9.1	44.1	68.2	-24.1	Peak	Vertical
	9432.0	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11242.5	34.4	12.4	46.8	74.0	-27.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	34.9	8.3	43.2	68.2	-25.0	Peak	Horizontal
*	8777.5	35.6	8.9	44.5	68.2	-23.7	Peak	Horizontal
	9364.0	34.2	10.5	44.7	74.0	-29.3	Peak	Horizontal
	10919.5	35.1	13.0	48.1	74.0	-25.9	Peak	Horizontal
*	7808.5	35.5	8.4	43.9	68.2	-24.3	Peak	Vertical
*	8905.0	34.1	9.2	43.3	68.2	-24.9	Peak	Vertical
	9338.5	34.4	10.4	44.8	74.0	-29.2	Peak	Vertical
	10868.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	8607.5	35.3	8.8	44.1	68.2	-24.1	Peak	Horizontal
*	10435.0	35.3	12.0	47.3	68.2	-20.9	Peak	Horizontal
	11582.5	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
	15662.5	42.2	12.0	54.2	74.0	-19.8	Peak	Horizontal
*	7859.5	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
*	8794.5	35.0	8.9	43.9	68.2	-24.3	Peak	Vertical
	11098.0	34.0	12.8	46.8	74.0	-27.2	Peak	Vertical
	15654.0	36.7	12.0	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8913.5	34.8	9.1	43.9	68.2	-24.3	Peak	Horizontal
*	10350.0	34.6	12.2	46.8	68.2	-21.4	Peak	Horizontal
	11599.5	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
	15730.5	41.4	11.8	53.2	74.0	-20.8	Peak	Horizontal
*	8692.5	35.1	9.0	44.1	68.2	-24.1	Peak	Vertical
*	10477.5	37.3	12.2	49.5	68.2	-18.7	Peak	Vertical
	11174.5	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical
	15713.5	35.9	11.8	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	36.6	8.3	44.9	68.2	-23.3	Peak	Horizontal
*	8633.0	35.4	8.8	44.2	68.2	-24.0	Peak	Horizontal
	9185.5	34.4	10.0	44.4	74.0	-29.6	Peak	Horizontal
	10962.0	34.9	13.1	48.0	74.0	-26.0	Peak	Horizontal
*	7783.0	35.7	8.3	44.0	68.2	-24.2	Peak	Vertical
*	8726.5	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9364.0	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	10894.0	34.7	12.9	47.6	74.0	-26.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8811.5	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	9338.5	34.4	10.4	44.8	74.0	-29.2	Peak	Horizontal
	11565.5	37.8	12.7	50.5	74.0	-23.5	Peak	Horizontal
*	7851.0	36.4	8.4	44.8	68.2	-23.4	Peak	Vertical
*	8531.0	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
	9372.5	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11565.5	37.4	12.7	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 – Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	35.4	8.3	43.7	68.2	-24.5	Peak	Horizontal
*	8888.0	33.9	9.2	43.1	68.2	-25.1	Peak	Horizontal
	9338.5	33.5	10.4	43.9	74.0	-30.1	Peak	Horizontal
	10962.0	34.6	13.1	47.7	74.0	-26.3	Peak	Horizontal
*	7800.0	35.9	8.4	44.3	68.2	-23.9	Peak	Vertical
*	8658.5	35.1	8.8	43.9	68.2	-24.3	Peak	Vertical
	9313.0	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	10860.0	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	7834.0	35.7	8.4	44.1	68.2	-24.1	Peak	Horizontal
*	8641.5	34.8	8.8	43.6	68.2	-24.6	Peak	Horizontal
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	11599.5	34.5	12.6	47.1	74.0	-26.9	Peak	Horizontal
*	7825.5	36.0	8.4	44.4	68.2	-23.8	Peak	Vertical
*	8607.5	35.2	8.8	44.0	68.2	-24.2	Peak	Vertical
	9372.5	34.1	10.5	44.6	74.0	-29.4	Peak	Vertical
	11480.5	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	35.4	8.6	44.0	68.2	-24.2	Peak	Horizontal
*	8769.0	34.9	8.9	43.8	68.2	-24.4	Peak	Horizontal
	9355.5	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	11276.5	34.9	12.4	47.3	74.0	-26.7	Peak	Horizontal
*	7842.5	35.7	8.4	44.1	68.2	-24.1	Peak	Vertical
*	8803.0	34.4	8.9	43.3	68.2	-24.9	Peak	Vertical
	9364.0	34.3	10.5	44.8	74.0	-29.2	Peak	Vertical
	11089.5	34.7	12.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	36.3	8.5	44.8	68.2	-23.4	Peak	Horizontal
*	8726.5	35.1	9.0	44.1	68.2	-24.1	Peak	Horizontal
	9347.0	35.2	10.5	45.7	74.0	-28.3	Peak	Horizontal
	10919.5	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
*	7859.5	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8692.5	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9406.5	34.4	10.6	45.0	74.0	-29.0	Peak	Vertical
	10911.0	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 – Ant 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	7774.5	35.8	8.2	44.0	68.2	-24.2	Peak	Horizontal
*	8667.0	34.8	8.9	43.7	68.2	-24.5	Peak	Horizontal
	9372.5	34.8	10.5	45.3	74.0	-28.7	Peak	Horizontal
	10681.5	34.7	12.4	47.1	74.0	-26.9	Peak	Horizontal
*	7774.5	36.8	8.2	45.0	68.2	-23.2	Peak	Vertical
*	8624.5	34.8	8.8	43.6	68.2	-24.6	Peak	Vertical
	9355.5	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11565.5	35.1	12.7	47.8	74.0	-26.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 – Ant 1 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	36.1	8.6	44.7	68.2	-23.5	Peak	Horizontal
*	8777.5	35.4	8.9	44.3	68.2	-23.9	Peak	Horizontal
	9483.0	34.3	10.6	44.9	74.0	-29.1	Peak	Horizontal
	11115.0	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
*	7774.5	36.1	8.2	44.3	68.2	-23.9	Peak	Vertical
*	8675.5	35.4	8.9	44.3	68.2	-23.9	Peak	Vertical
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Vertical
	11191.5	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 – Ant 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	34.8	8.5	43.3	68.2	-24.9	Peak	Horizontal
*	8616.0	35.1	8.8	43.9	68.2	-24.3	Peak	Horizontal
	9440.5	35.1	10.5	45.6	74.0	-28.4	Peak	Horizontal
	11064.0	34.5	12.8	47.3	74.0	-26.7	Peak	Horizontal
*	7876.5	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
*	8837.0	34.9	9.1	44.0	68.2	-24.2	Peak	Vertical
	9381.0	33.5	10.5	44.0	74.0	-30.0	Peak	Vertical
	11497.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical

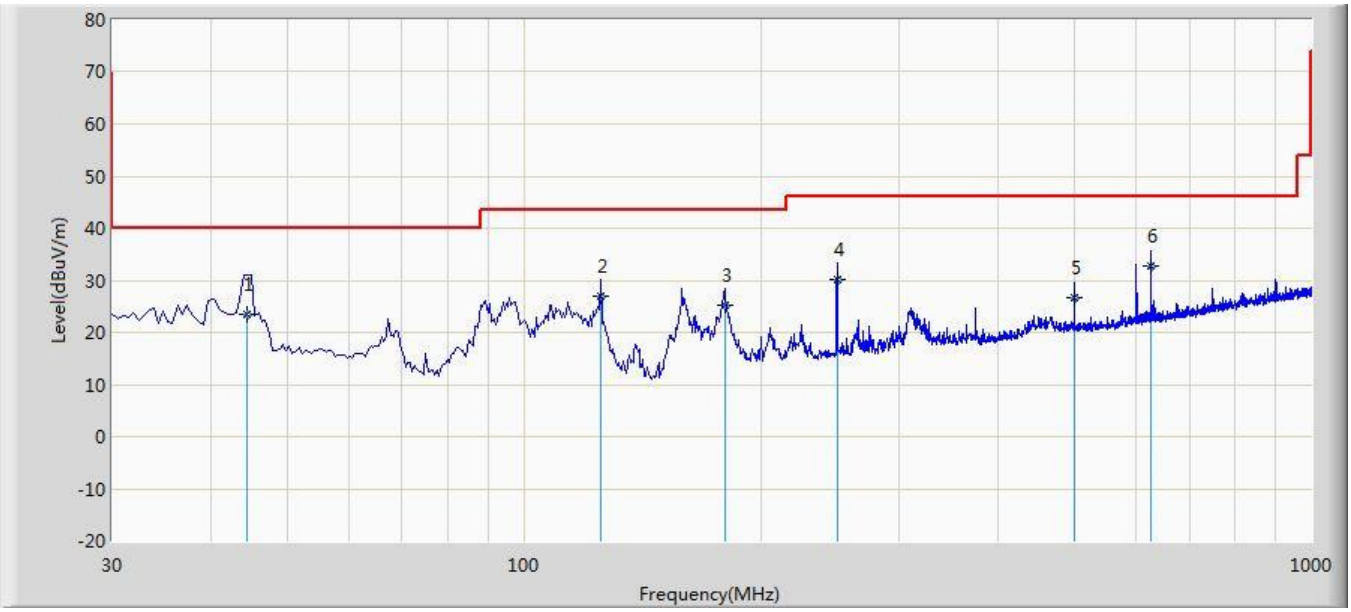
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC 1	Time: 2015/09/20 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2	

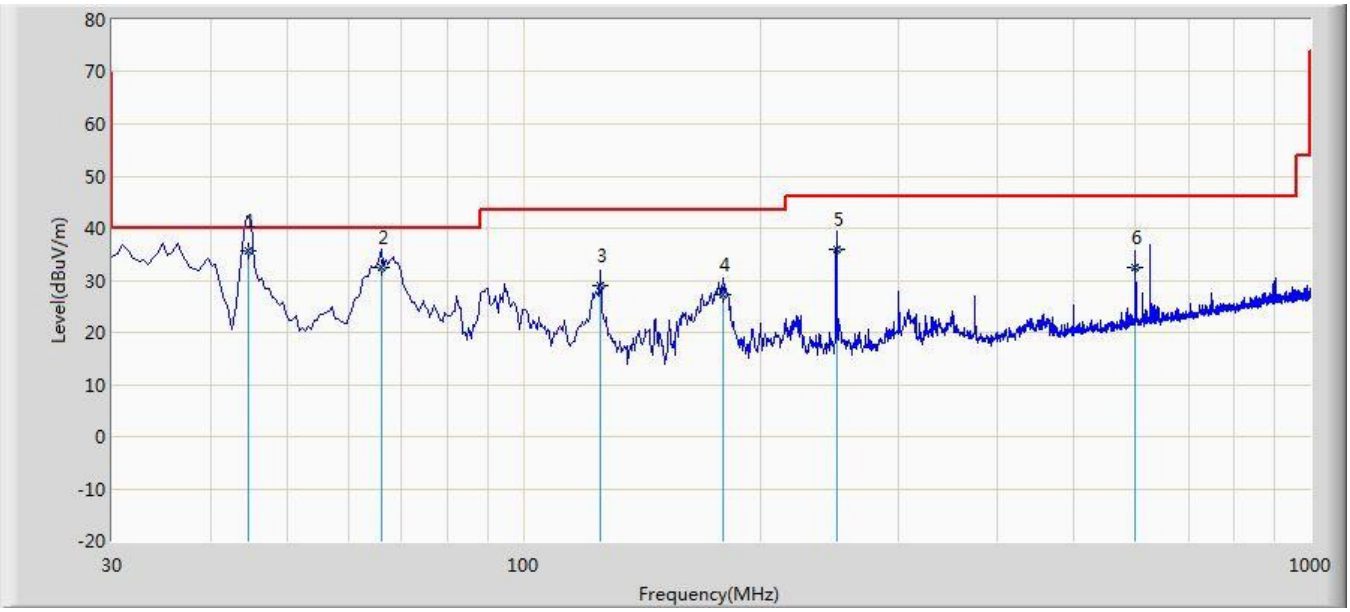


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			44.450	23.613	8.925	-16.387	40.000	14.688	QP
2			125.060	26.847	16.350	-16.653	43.500	10.497	QP
3			179.865	25.197	14.320	-18.303	43.500	10.878	QP
4			250.190	30.112	16.480	-15.888	46.000	13.632	QP
5			499.965	26.649	8.420	-19.351	46.000	18.229	QP
6		*	625.095	32.672	12.410	-13.328	46.000	20.262	QP

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

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

Site: AC 1	Time: 2015/09/20 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2	

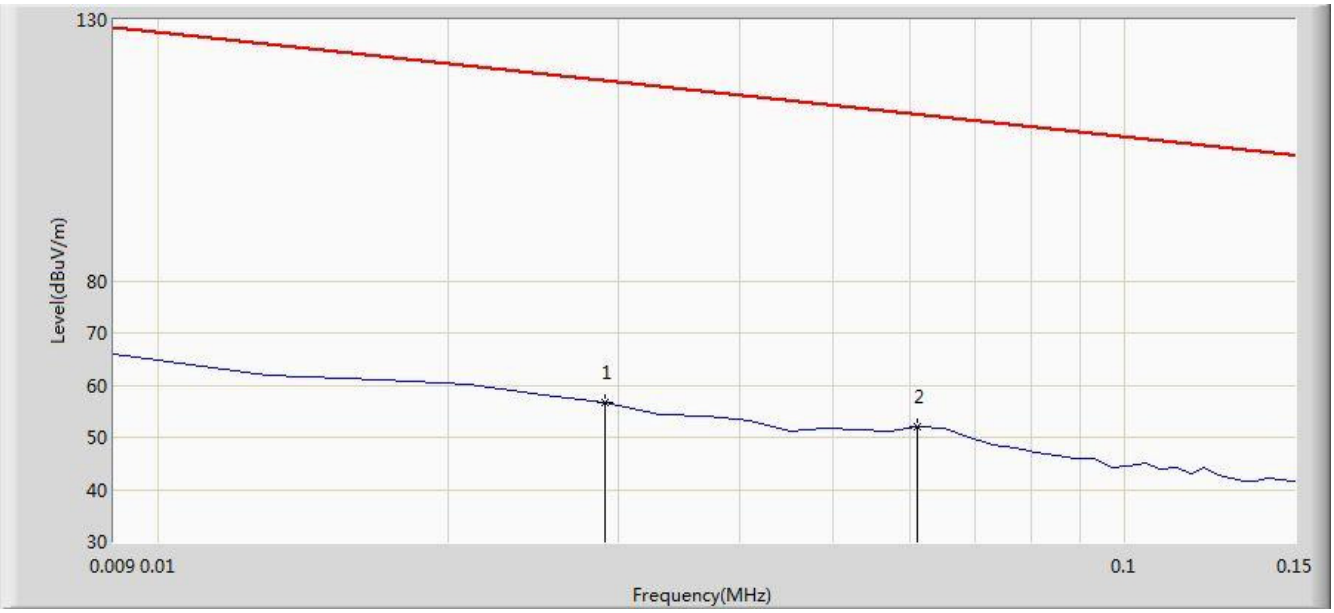


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	44.680	35.582	20.850	-4.418	40.000	14.732	QP
2			65.890	32.370	20.150	-7.630	40.000	12.220	QP
3			125.060	28.857	18.360	-14.643	43.500	10.497	QP
4			179.380	27.261	16.420	-16.239	43.500	10.841	QP
5			250.190	35.992	22.360	-10.008	46.000	13.632	QP
6			599.875	32.590	12.630	-13.410	46.000	19.960	QP

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

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

Site: AC1	Time: 2015/09/20 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz	

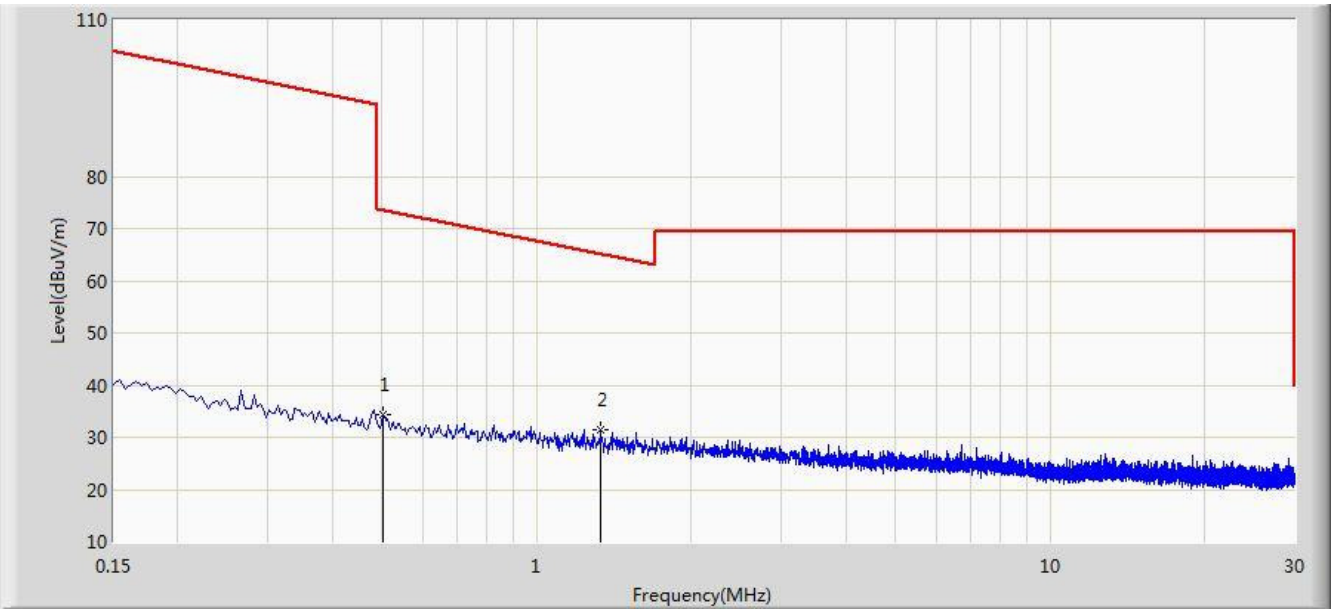


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.893	35.844	-61.463	118.356	21.049	QP
2		*	0.061	52.853	32.542	-59.045	111.898	20.311	QP

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

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

Site: AC1	Time: 2015/09/20 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz	

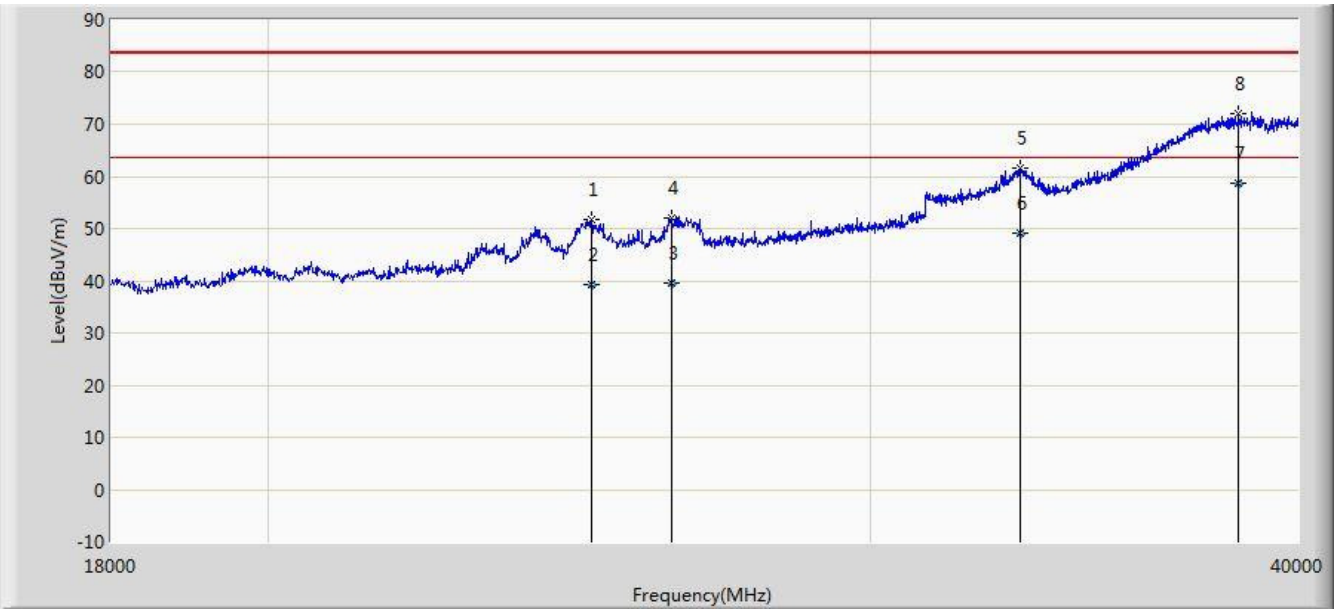


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.502	34.370	13.947	-39.220	73.590	20.423	QP
2		*	1.334	31.595	11.104	-33.530	65.125	20.491	QP

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

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

Site: AC1	Time: 2015/09/20 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz	

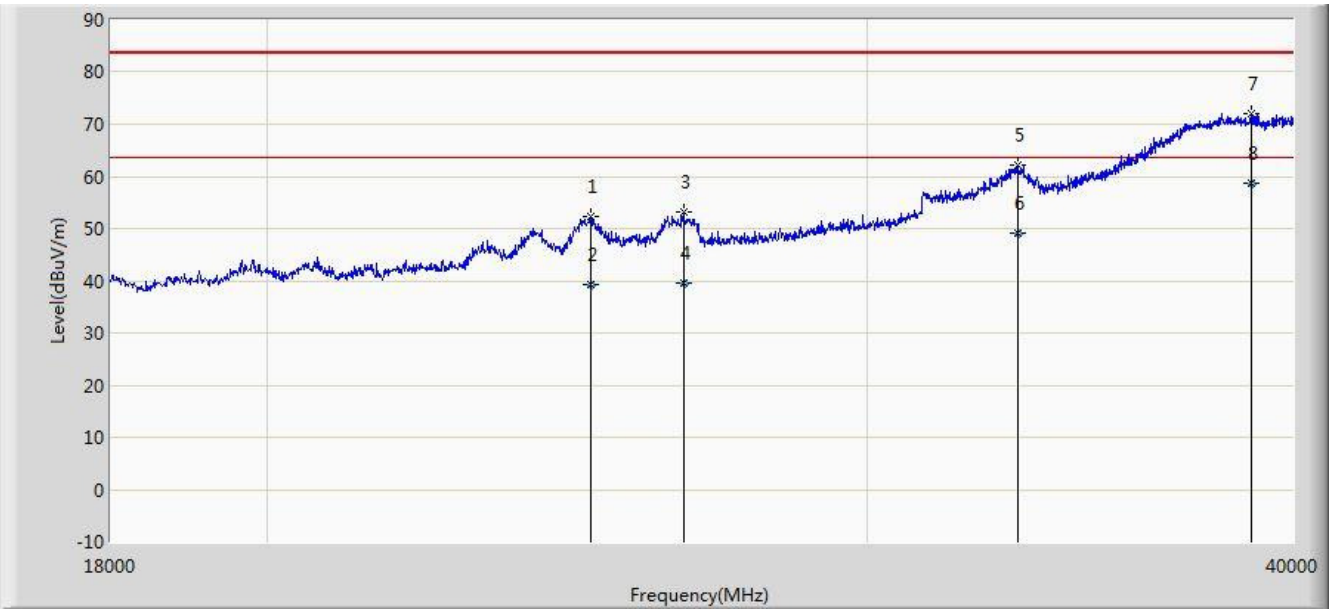


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956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

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

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

Site: AC1	Time: 2015/09/20 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz	



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

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

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

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 – 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 – 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 – 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 – 1427	8.25 - 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.

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

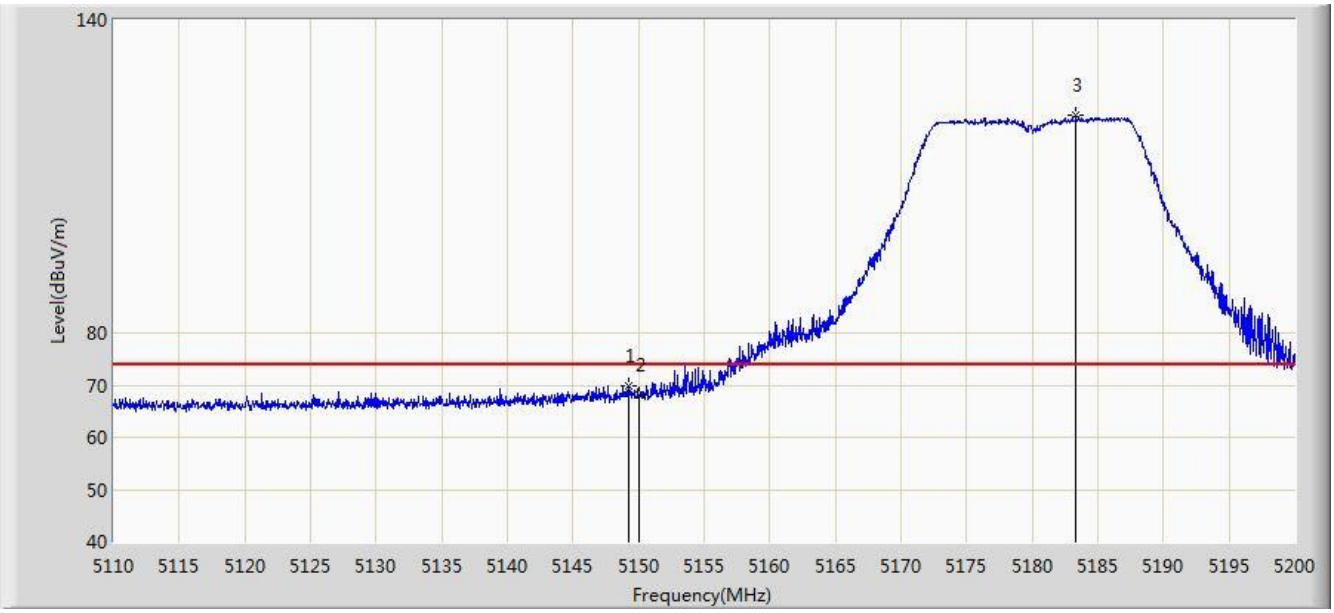
Note: Refer to KDB 789033 D02v01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

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

7.9.2. Test Result of Radiated Restricted Band Edge

Site: AC 1	Time: 2015/09/14 - 18:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

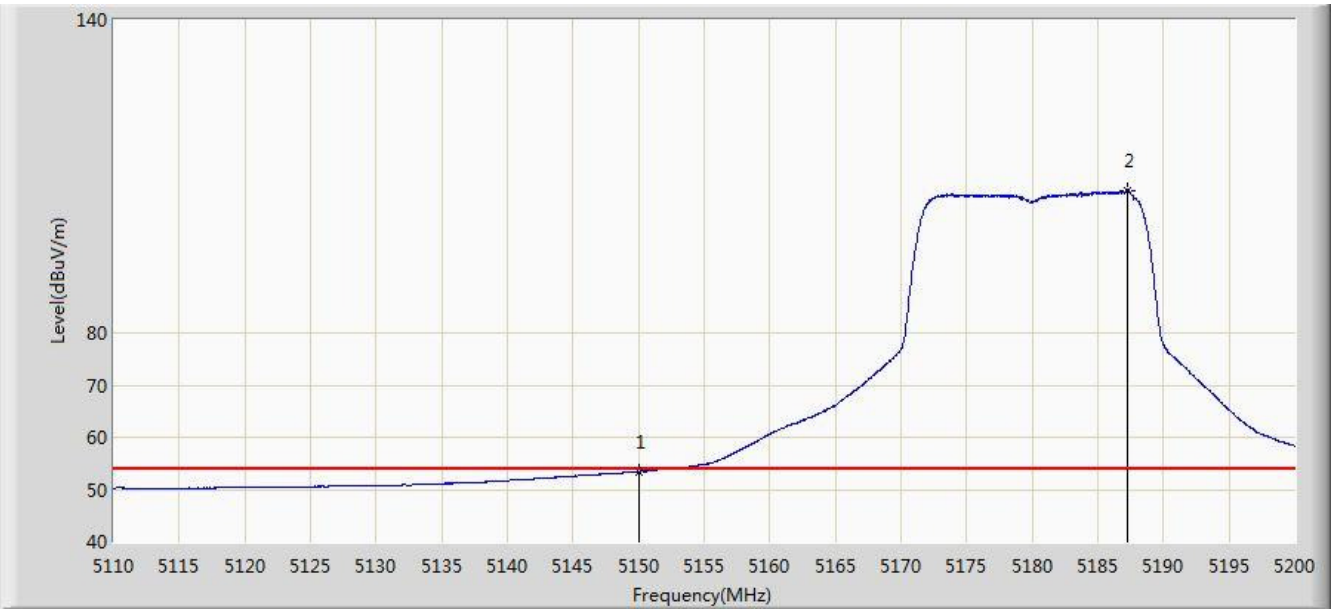


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.285	69.839	66.530	-4.161	74.000	3.309	PK
2			5150.000	68.251	64.942	-5.749	74.000	3.309	PK
3		*	5183.305	121.732	118.463	N/A	N/A	3.270	PK

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

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

Site: AC 1	Time: 2015/09/14 - 18:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

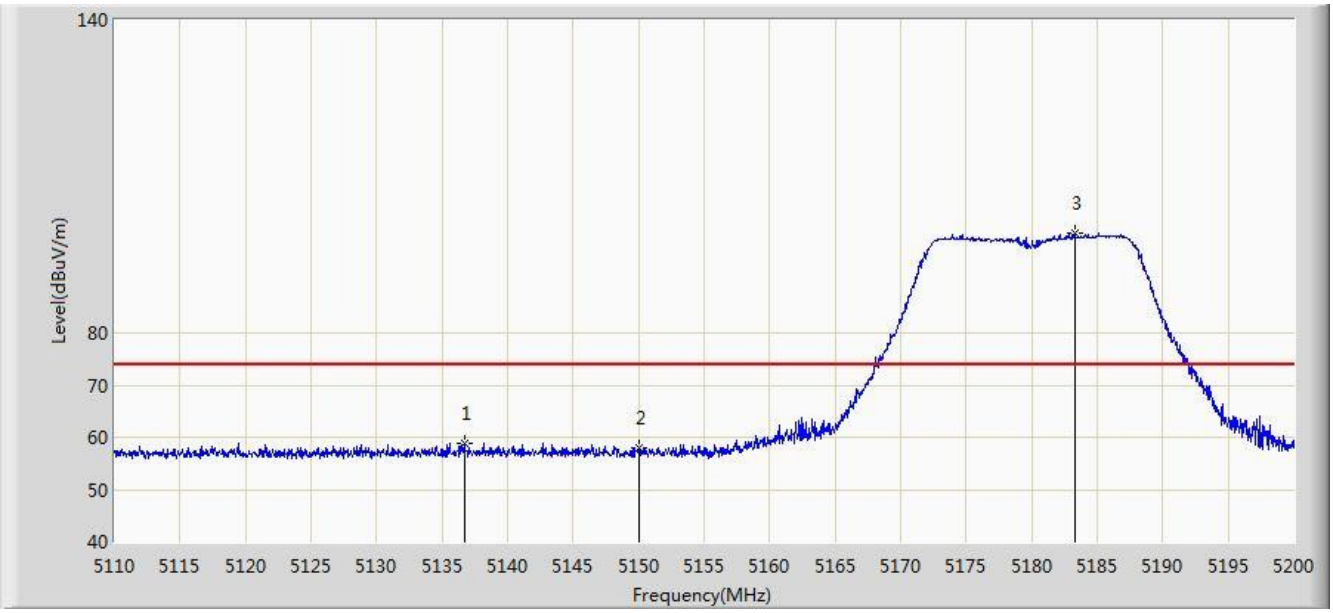


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.442	50.133	-0.558	54.000	3.309	AV
2		*	5187.220	107.277	104.013	N/A	N/A	3.264	AV

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

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

Site: AC 1	Time: 2015/09/14 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

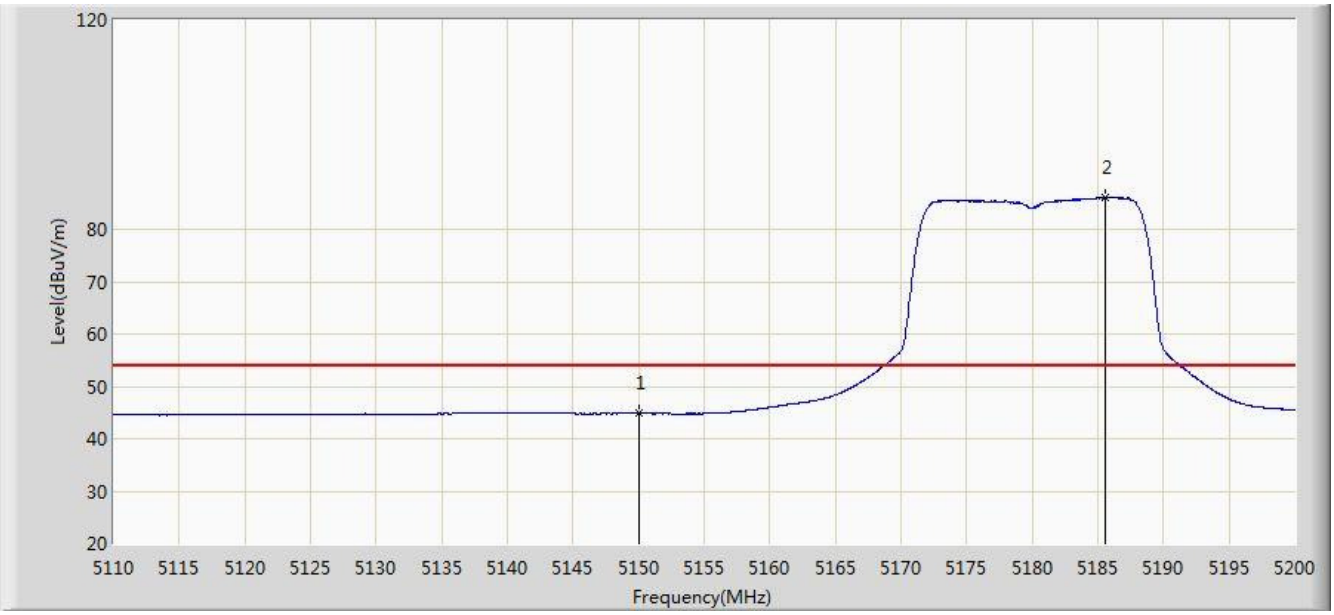


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.730	58.942	55.632	-15.058	74.000	3.310	PK
2			5150.000	57.843	54.534	-16.157	74.000	3.309	PK
3		*	5183.260	99.179	95.909	N/A	N/A	3.270	PK

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

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

Site: AC 1	Time: 2015/09/14 - 19:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

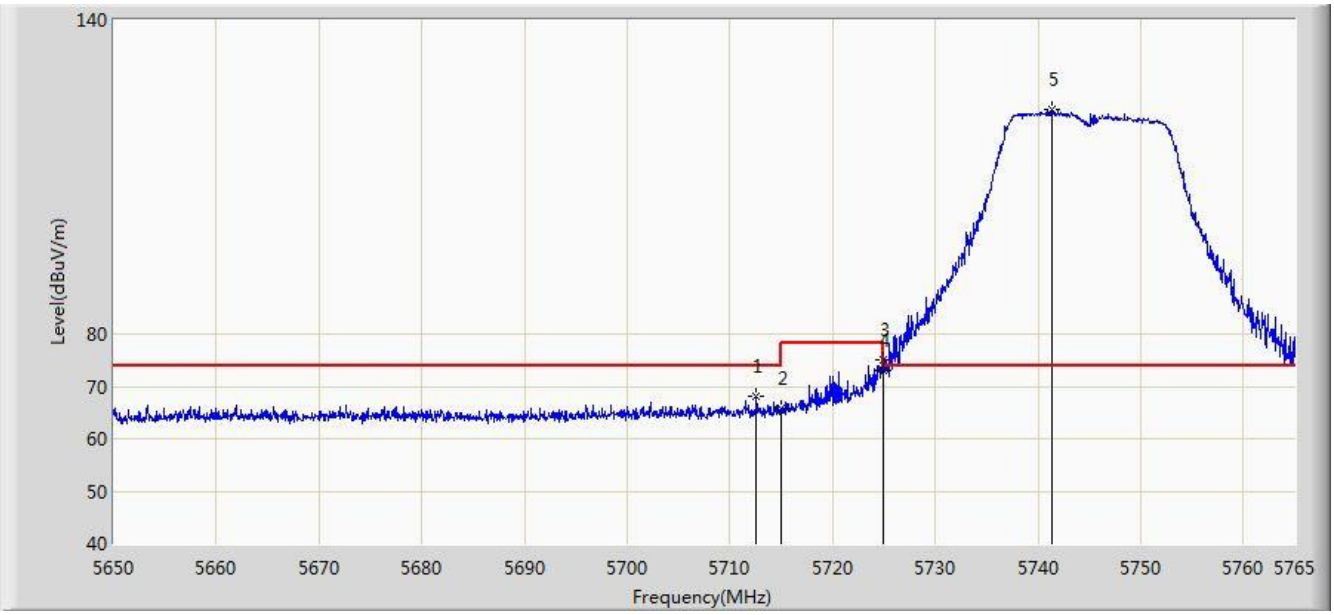


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.808	41.499	-9.192	54.000	3.309	AV
2		*	5185.555	86.008	82.742	N/A	N/A	3.266	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

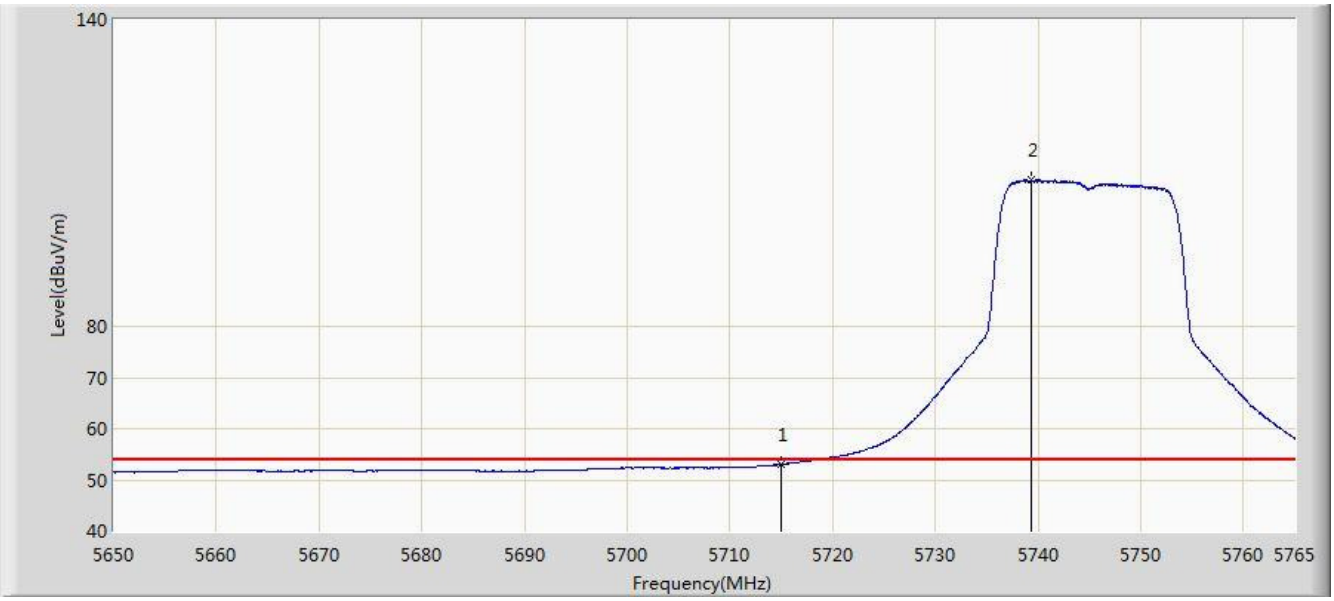


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.560	68.086	64.332	-5.914	74.000	3.754	PK
2			5715.000	65.699	61.938	-8.301	74.000	3.761	PK
3			5724.922	74.983	71.193	-3.217	78.200	3.791	PK
4			5725.000	73.057	69.266	-5.143	78.200	3.791	PK
5		*	5741.310	122.833	118.992	N/A	N/A	3.841	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: AC 1	Time: 2015/09/14 - 19:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

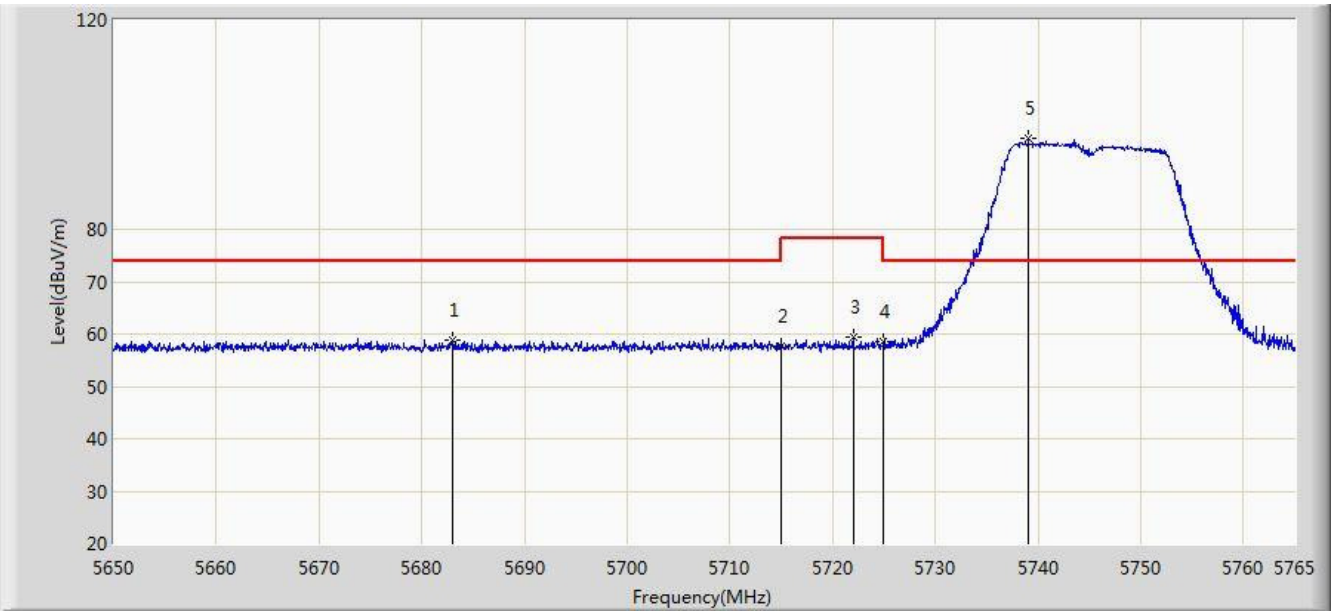


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.980	49.219	-1.020	54.000	3.761	AV
2		*	5739.355	108.585	104.750	N/A	N/A	3.836	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

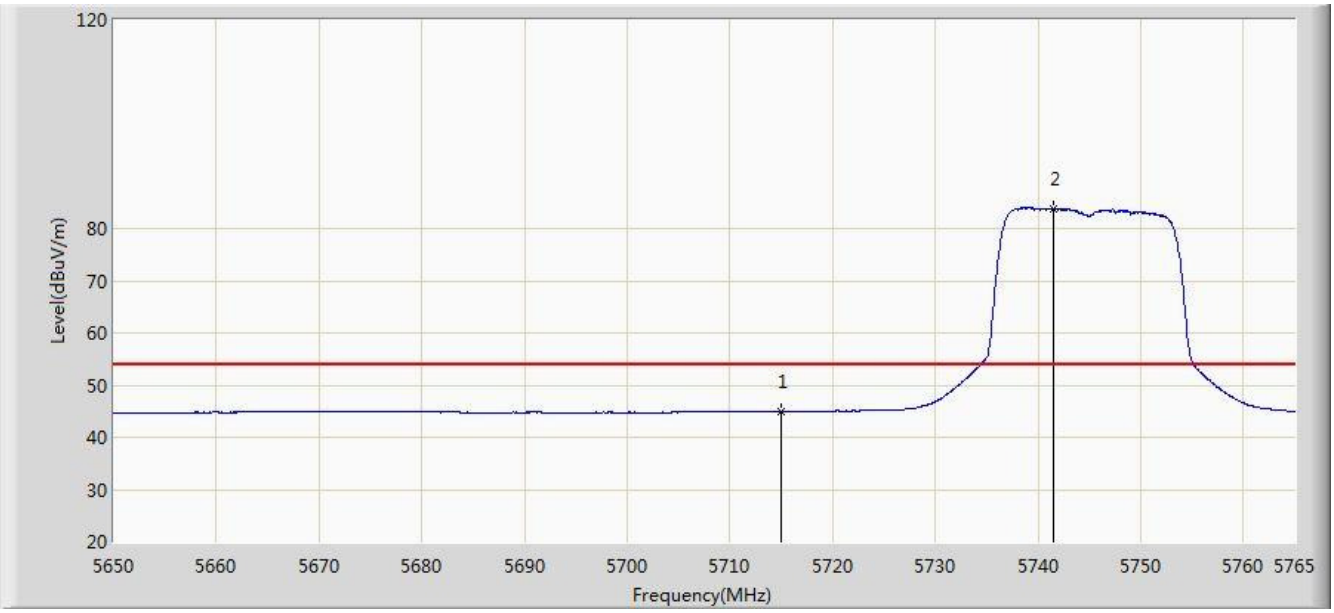


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5683.062	58.806	55.120	-15.194	74.000	3.686	PK
2			5715.000	57.772	54.011	-16.228	74.000	3.761	PK
3			5721.990	59.468	55.686	-18.732	78.200	3.781	PK
4			5725.000	58.510	54.719	-19.690	78.200	3.791	PK
5		*	5739.067	97.396	93.562	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: AC 1	Time: 2015/09/14 - 19:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

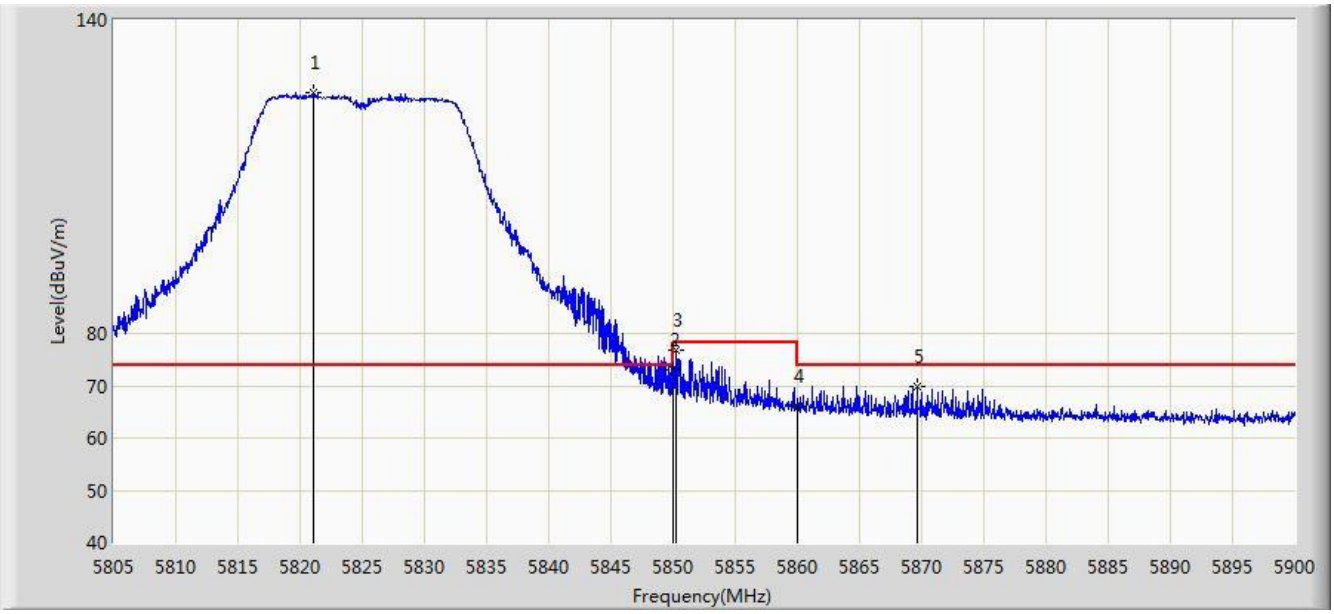


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	44.923	41.162	-9.077	54.000	3.761	AV
2		*	5741.482	83.822	79.981	N/A	N/A	3.842	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

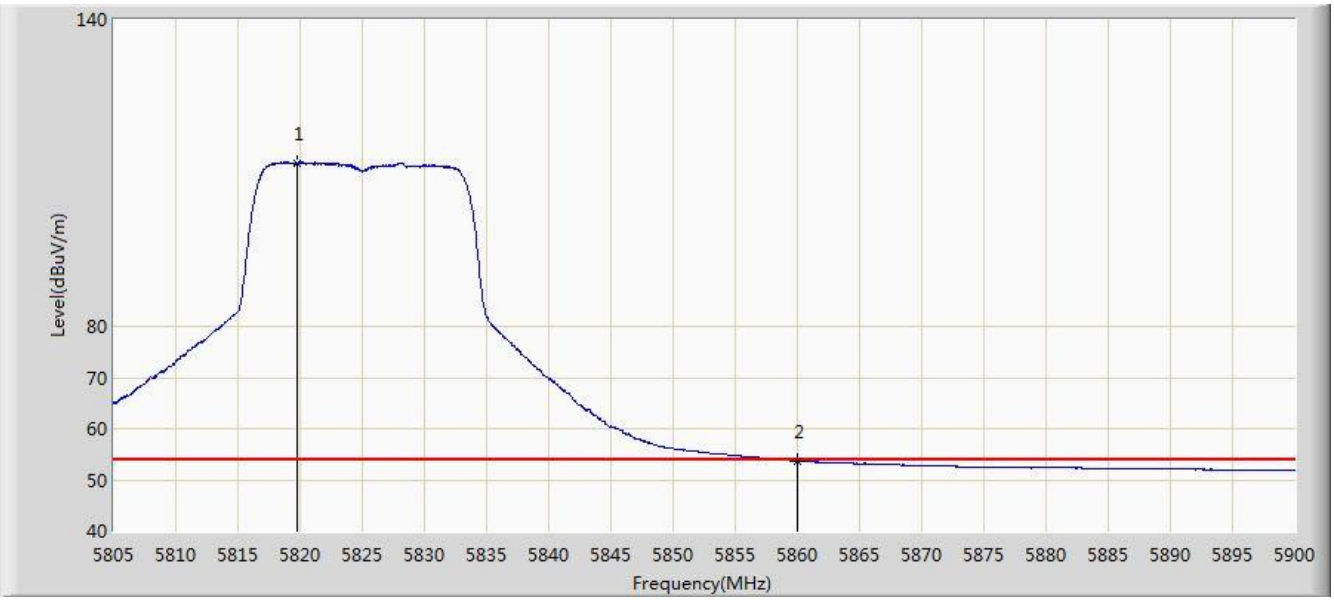


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.055	126.110	122.114	N/A	N/A	3.997	PK
2			5850.000	73.140	69.083	-5.060	78.200	4.058	PK
3			5850.268	76.845	72.788	-1.355	78.200	4.057	PK
4			5860.000	66.041	61.978	-7.959	74.000	4.064	PK
5			5869.647	69.757	65.669	-4.243	74.000	4.088	PK

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

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

Site: AC 1	Time: 2015/09/14 - 19:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

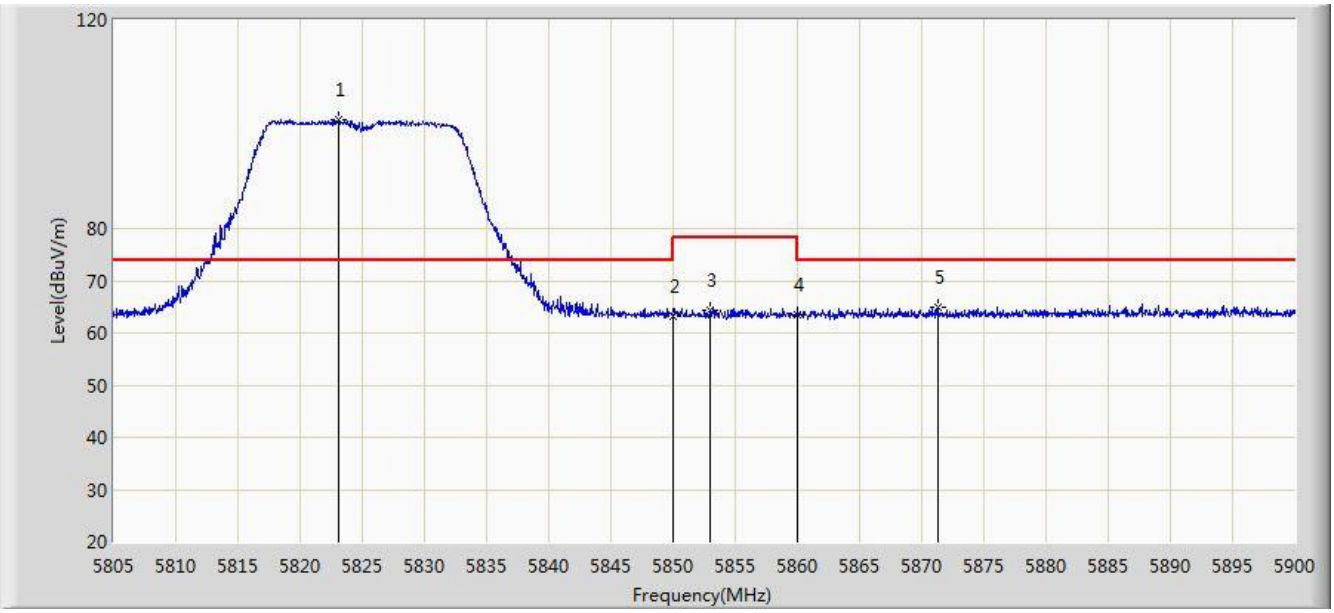


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.772	111.960	107.967	N/A	N/A	3.993	AV
2			5860.000	53.731	49.668	-0.269	54.000	4.064	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

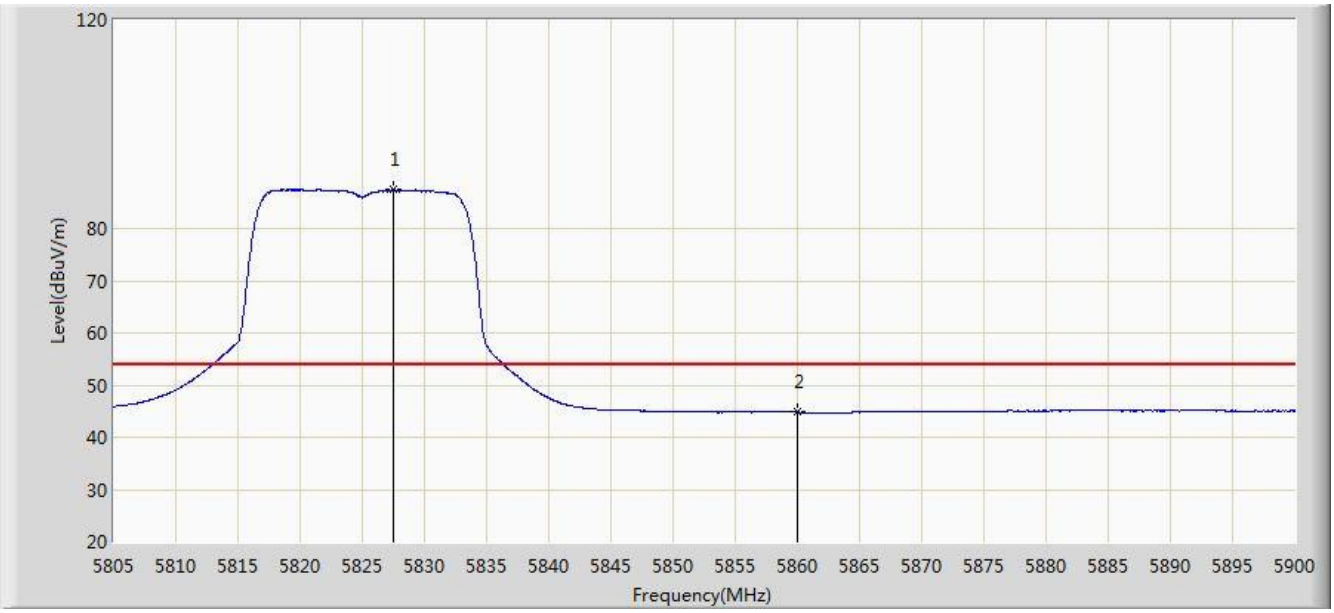


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.145	100.769	96.768	N/A	N/A	4.001	PK
2			5850.000	63.328	59.271	-14.872	78.200	4.058	PK
3			5853.022	64.416	60.357	-13.784	78.200	4.059	PK
4			5860.000	63.347	59.284	-10.653	74.000	4.064	PK
5			5871.357	65.002	60.908	-8.998	74.000	4.094	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: AC 1	Time: 2015/09/14 - 19:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

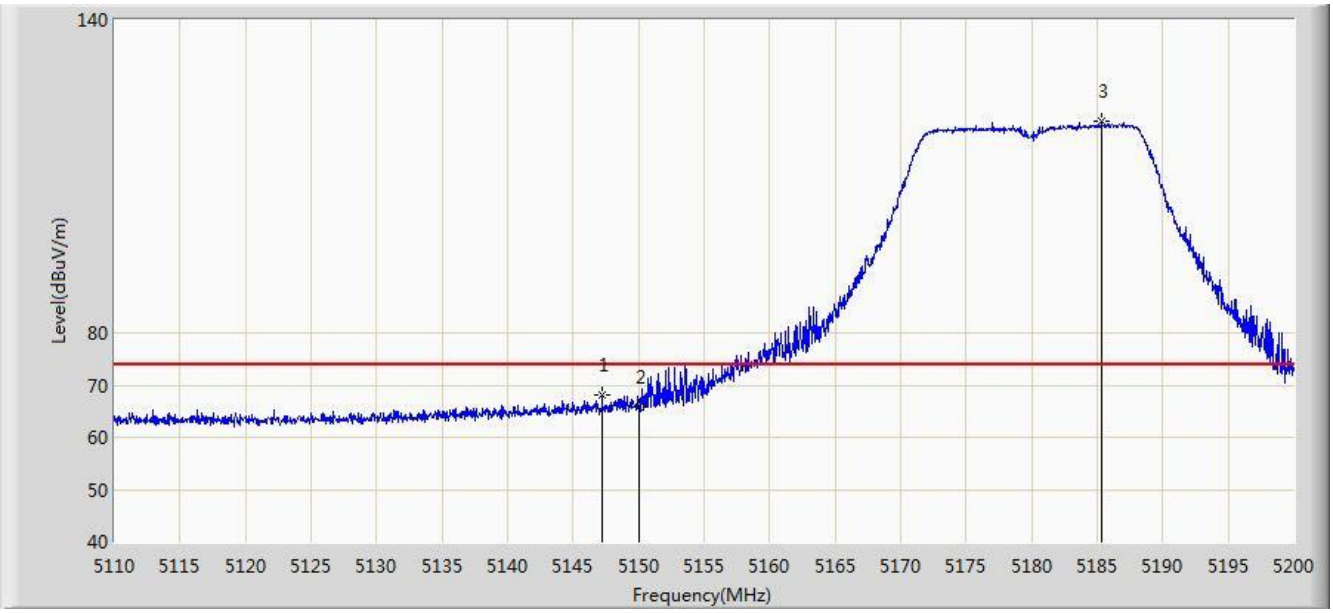


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.467	87.587	83.576	N/A	N/A	4.011	AV
2			5860.000	44.813	40.750	-9.187	54.000	4.064	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

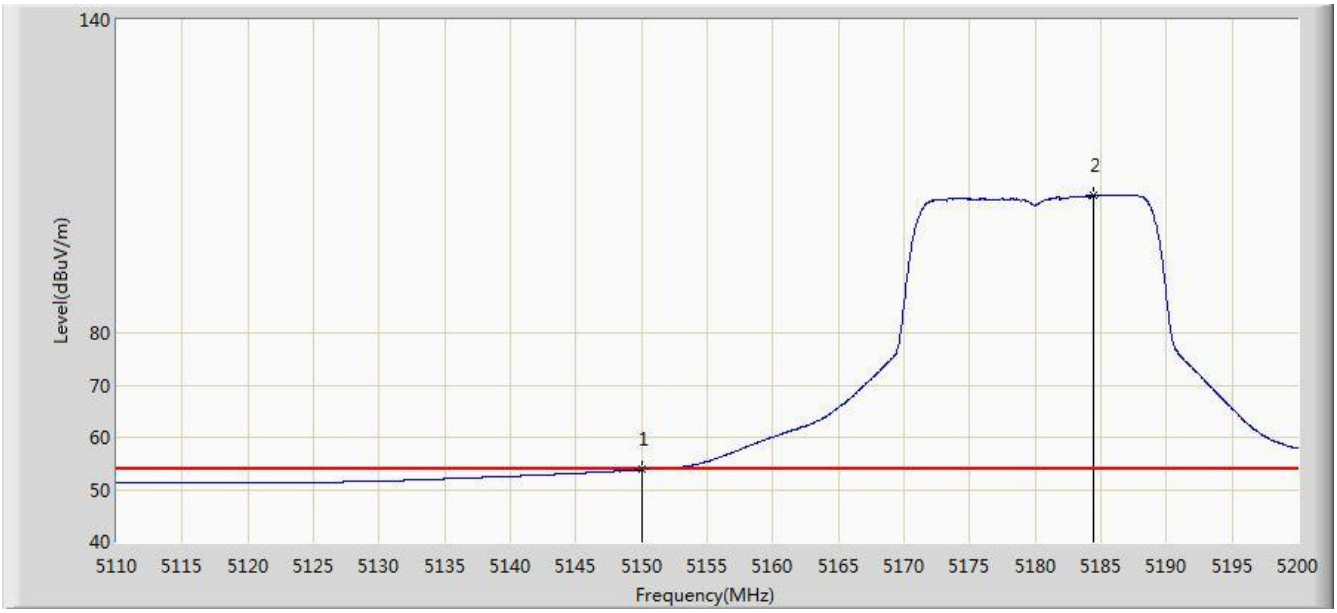


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.215	68.234	64.925	-5.766	74.000	3.309	PK
2			5150.000	65.784	62.475	-8.216	74.000	3.309	PK
3		*	5185.330	120.517	117.250	N/A	N/A	3.267	PK

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

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

Site: AC 1	Time: 2015/09/14 - 19:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

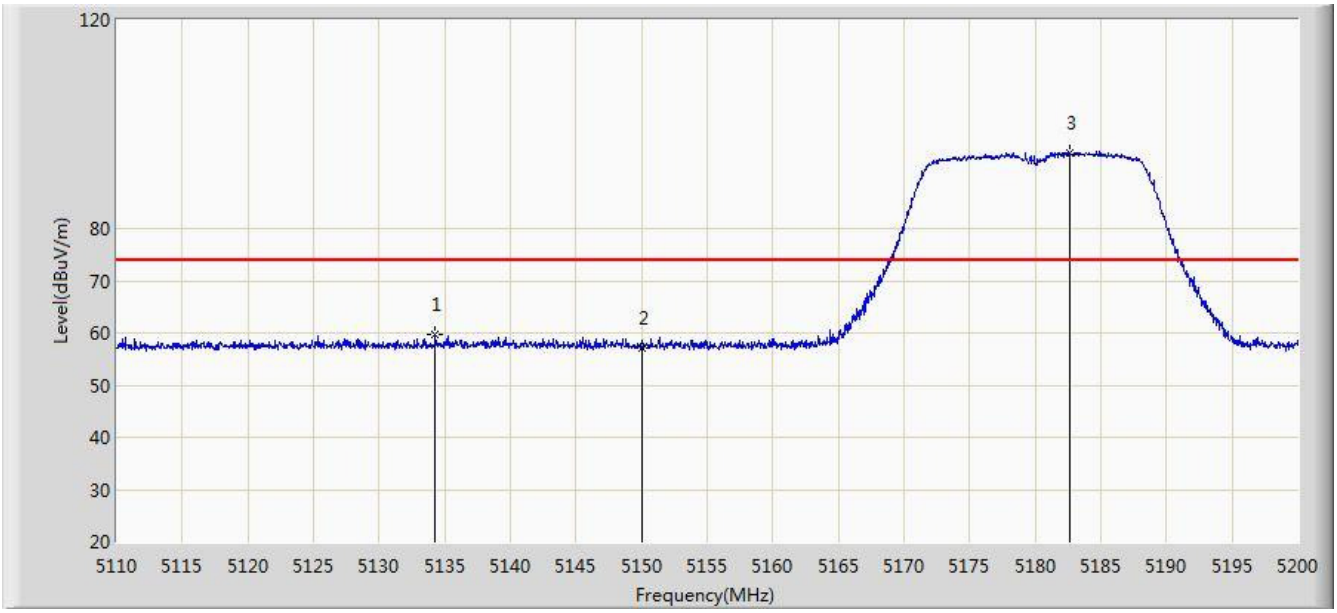


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.800	50.491	-0.200	54.000	3.309	AV
2		*	5184.475	106.315	103.047	N/A	N/A	3.268	AV

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

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

Site: AC 1	Time: 2015/09/14 - 19:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

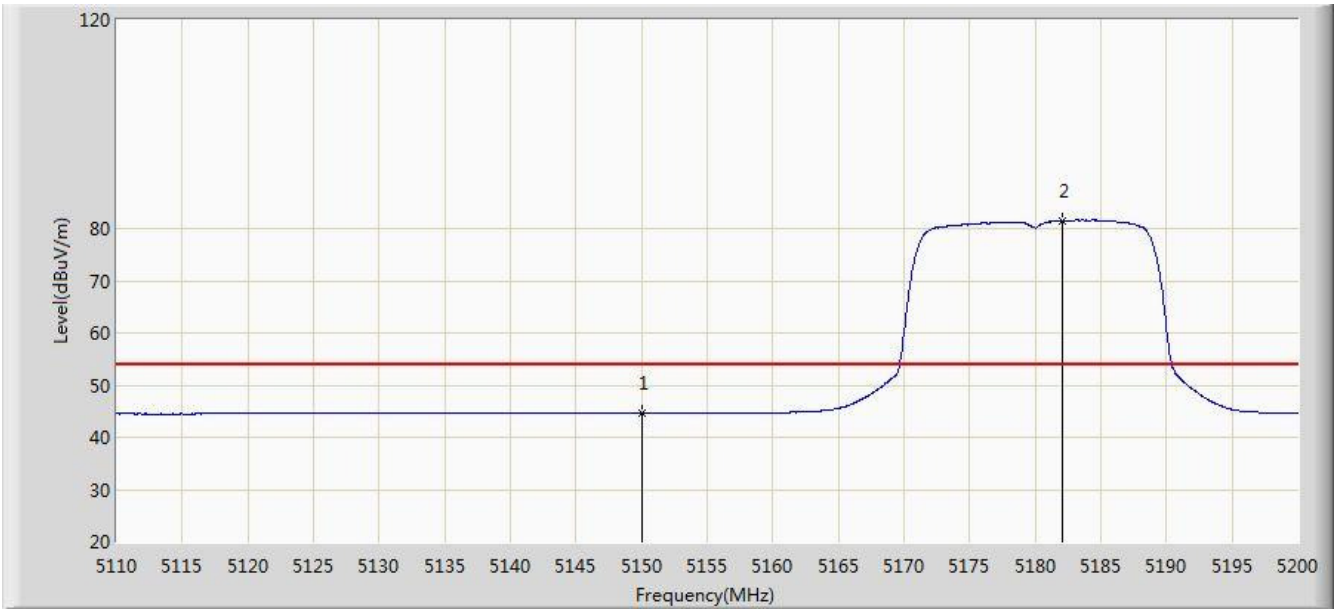


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.300	59.667	56.358	-14.333	74.000	3.309	PK
2			5150.000	57.077	53.768	-16.923	74.000	3.309	PK
3		*	5182.585	94.468	91.198	N/A	N/A	3.271	PK

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

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

Site: AC 1	Time: 2015/09/14 - 19:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

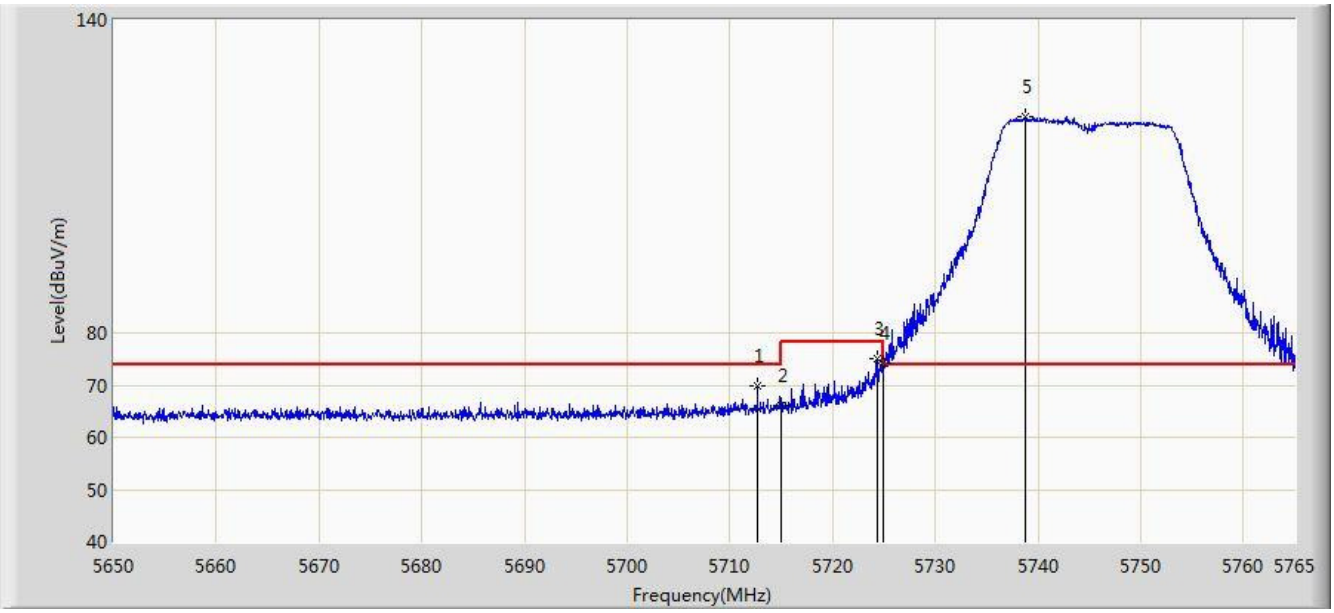


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.654	41.345	-9.346	54.000	3.309	AV
2		*	5182.045	81.475	78.204	N/A	N/A	3.271	AV

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

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

Site: AC 1	Time: 2015/09/14 - 20:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

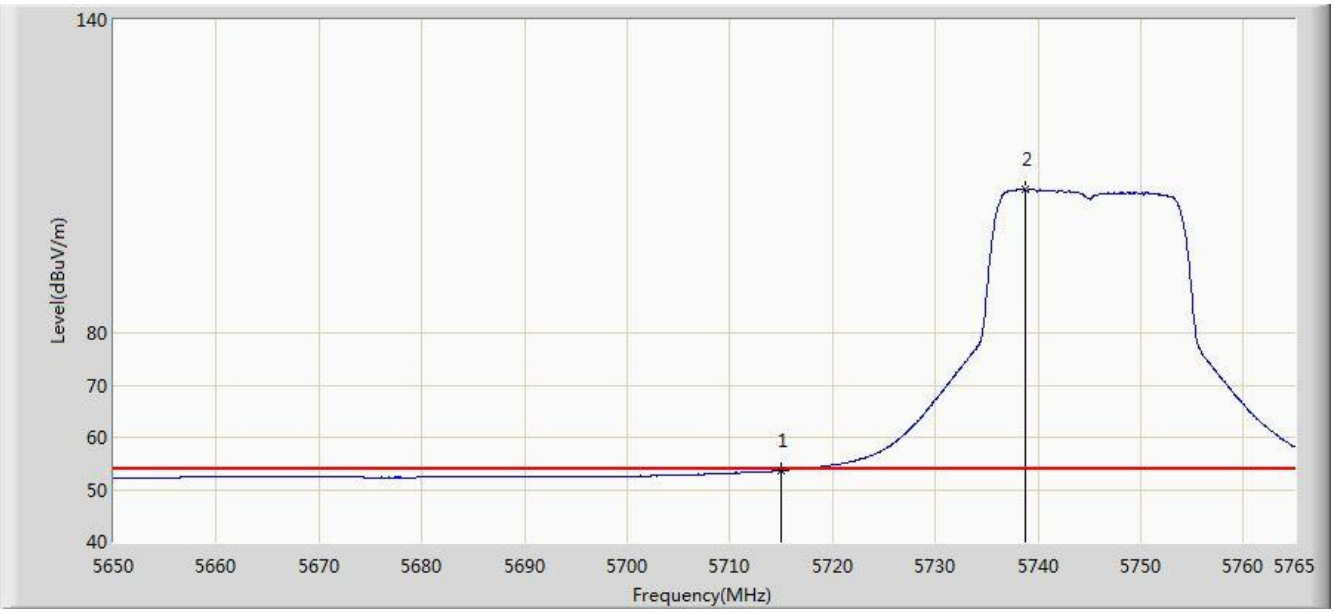


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.675	69.783	66.029	-4.217	74.000	3.754	PK
2			5715.000	65.999	62.238	-8.001	74.000	3.761	PK
3			5724.290	75.049	71.260	-3.151	78.200	3.789	PK
4			5725.000	74.274	70.483	-3.926	78.200	3.791	PK
5		*	5738.780	121.373	117.539	N/A	N/A	3.834	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: AC 1	Time: 2015/09/14 - 20:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

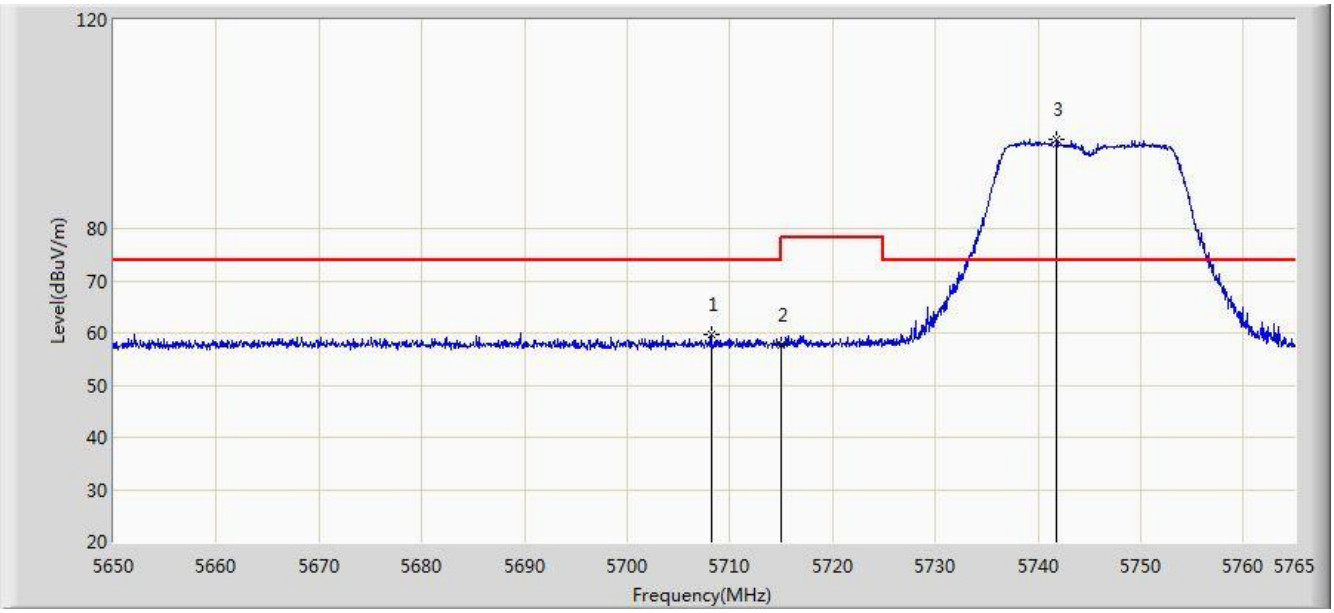


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.620	49.859	-0.380	54.000	3.761	AV
2		*	5738.723	107.579	103.746	N/A	N/A	3.833	AV

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

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

Site: AC 1	Time: 2015/09/14 - 20:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

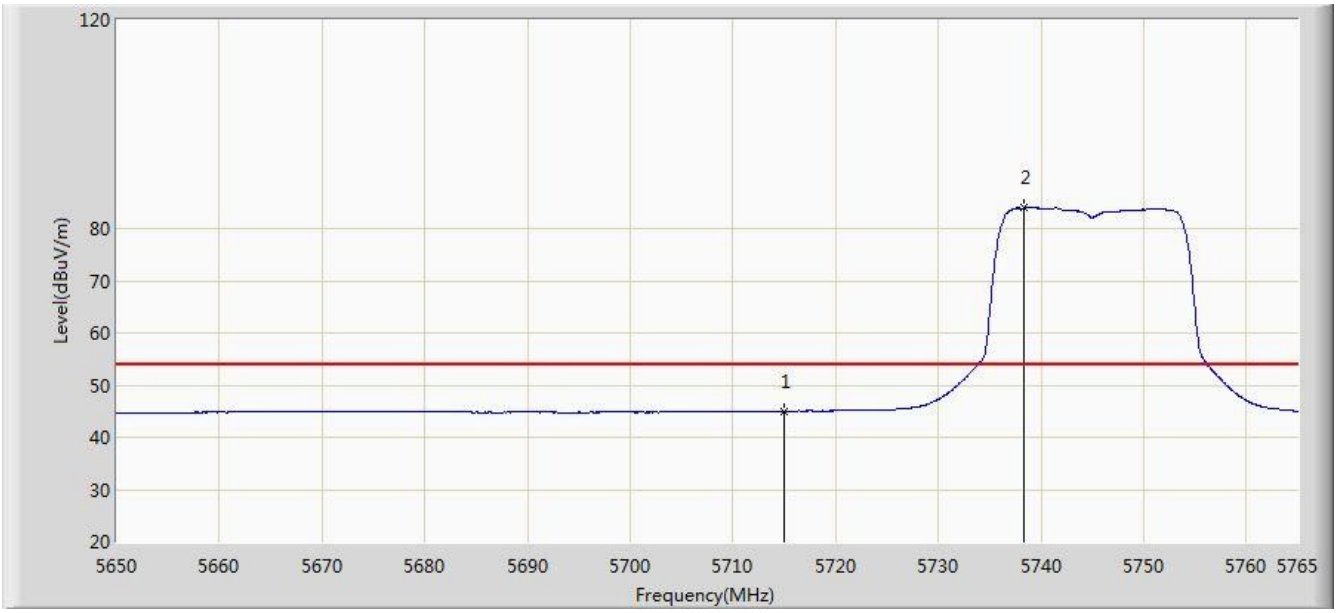


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5708.190	59.725	55.985	-14.275	74.000	3.741	PK
2			5715.000	57.717	53.956	-16.283	74.000	3.761	PK
3		*	5741.828	97.046	93.204	N/A	N/A	3.842	PK

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

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

Site: AC 1	Time: 2015/09/14 - 20:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

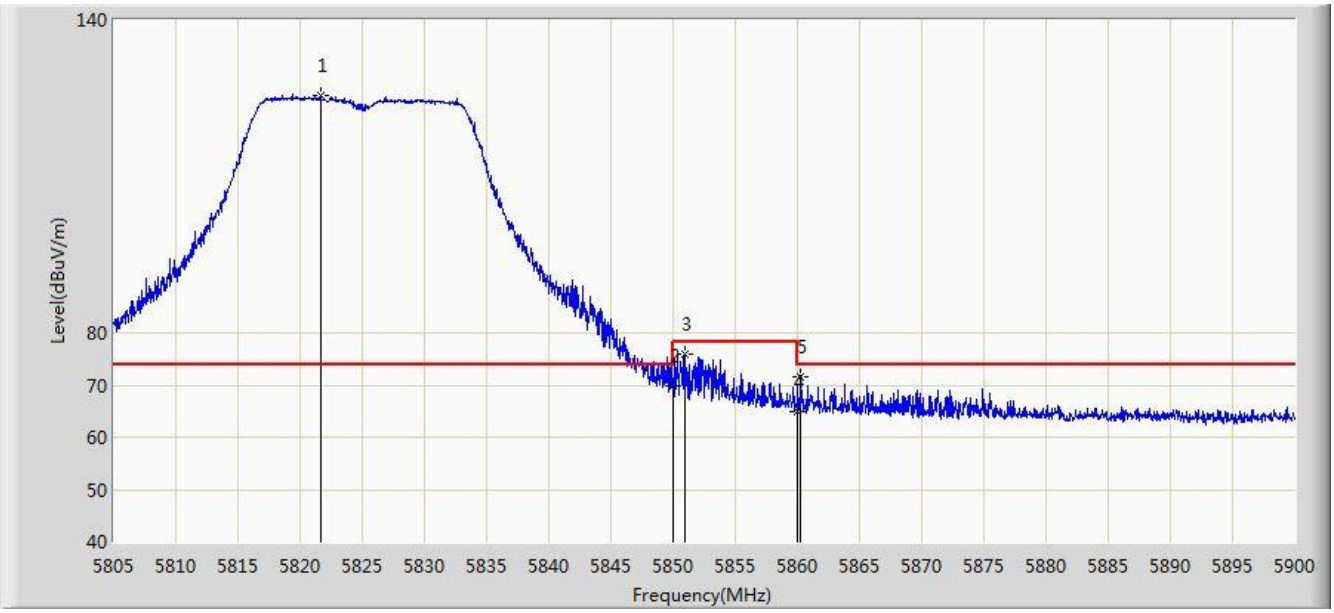


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	45.020	41.259	-8.980	54.000	3.761	AV
2		*	5738.377	83.991	80.158	N/A	N/A	3.833	AV

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

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

Site: AC 1	Time: 2015/09/14 - 20:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

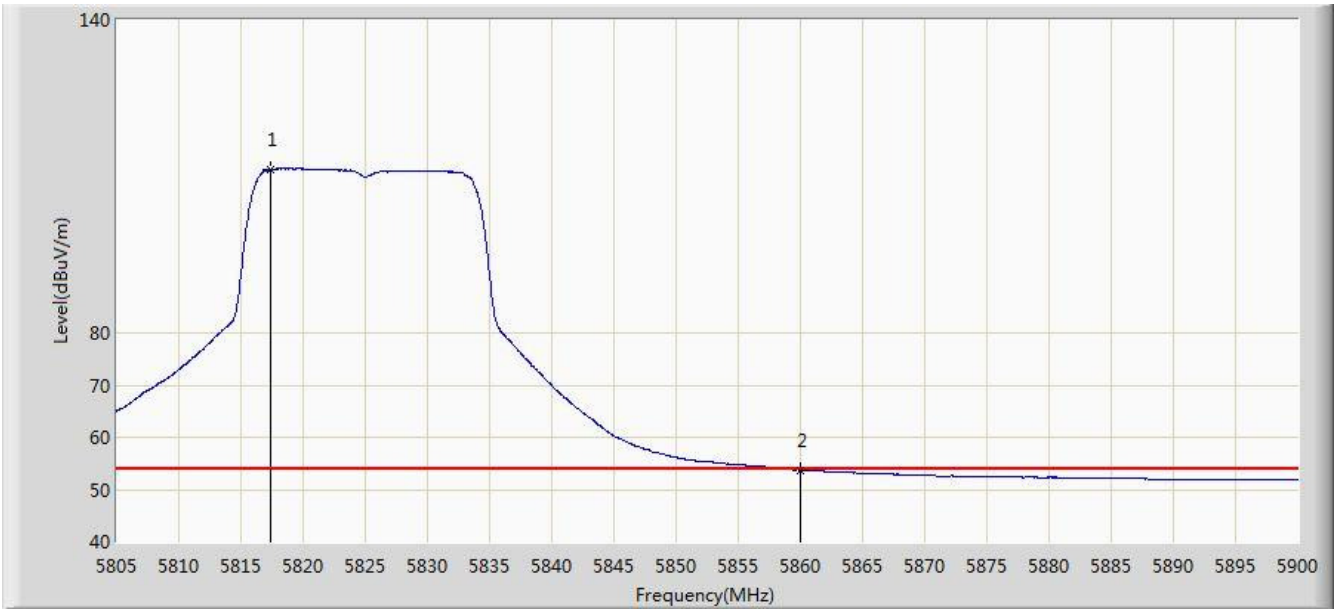


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.625	125.632	121.634	N/A	N/A	3.997	PK
2			5850.000	69.746	65.689	-8.454	78.200	4.058	PK
3			5850.933	75.980	71.922	-2.220	78.200	4.057	PK
4			5860.000	65.028	60.965	-8.972	74.000	4.064	PK
5			5860.290	71.480	67.416	-2.520	74.000	4.064	PK

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

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

Site: AC 1	Time: 2015/09/14 - 20:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

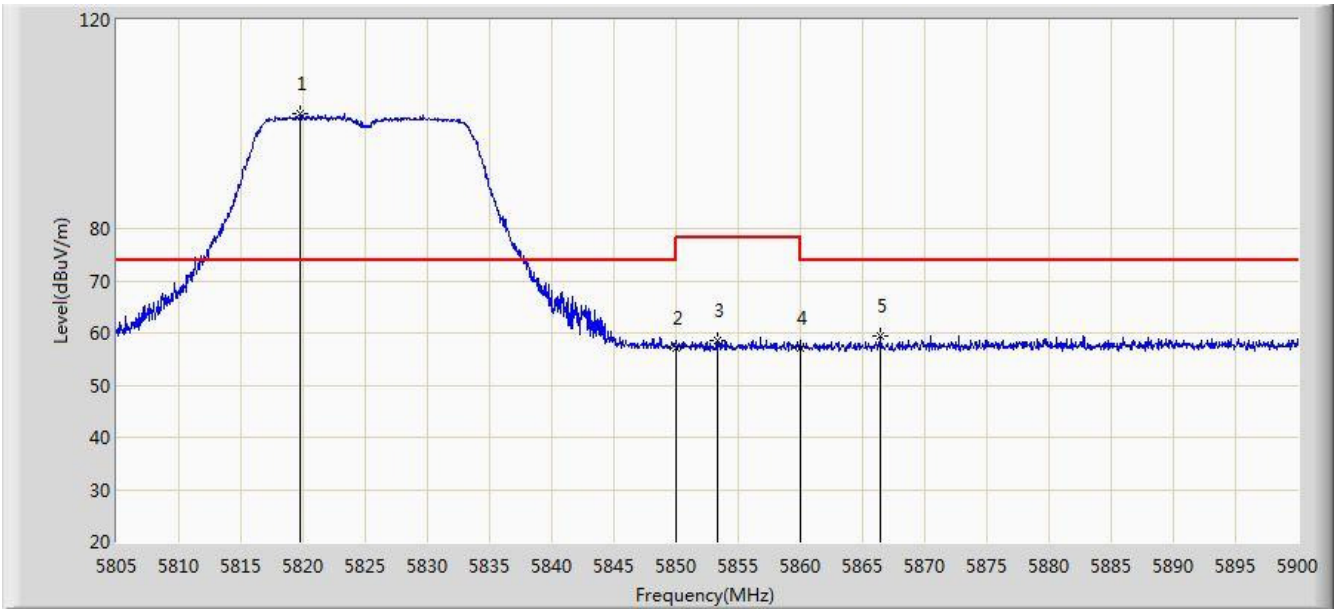


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5817.350	111.287	107.299	N/A	N/A	3.988	AV
2			5860.000	53.734	49.671	-0.266	54.000	4.064	AV

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

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

Site: AC 1	Time: 2015/09/14 - 20:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

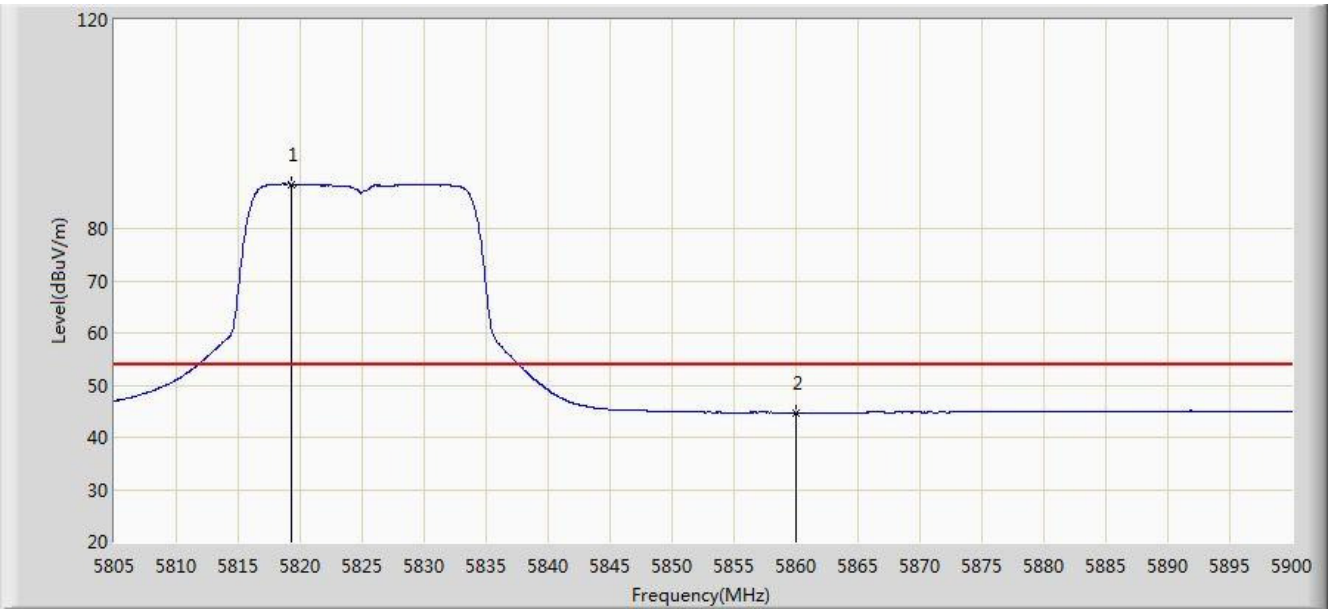


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.772	101.930	97.937	N/A	N/A	3.993	PK
2			5850.000	57.053	52.996	-21.147	78.200	4.058	PK
3			5853.355	58.444	54.385	-19.756	78.200	4.060	PK
4			5860.000	57.039	52.976	-16.961	74.000	4.064	PK
5			5866.465	59.534	55.455	-14.466	74.000	4.078	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: AC 1	Time: 2015/09/14 - 20:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Z500 dual band 802.11ac Outdoor AP	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.297	88.538	84.546	N/A	N/A	3.992	AV
2			5860.000	44.678	40.615	-9.322	54.000	4.064	AV

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

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