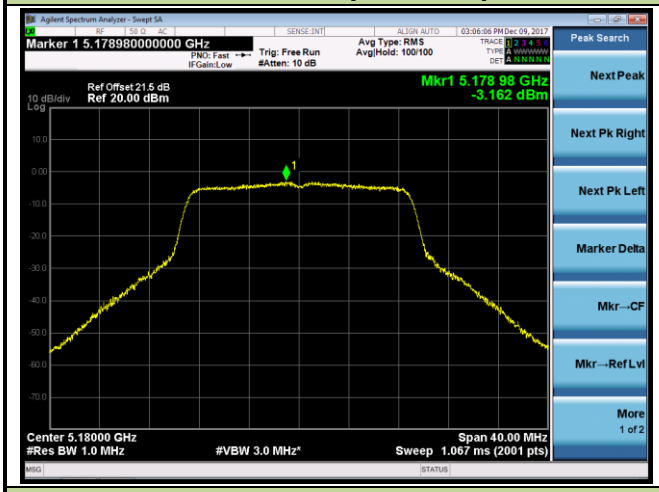
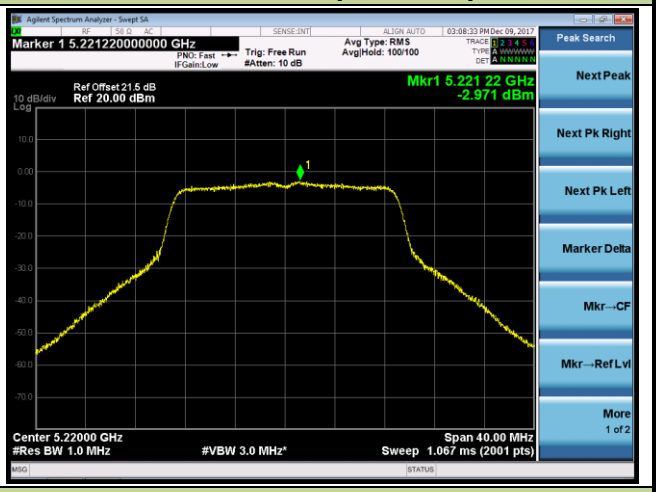
802.11n-HT20 Power Spectral Density - Ant 2 / Ant 1 + 2

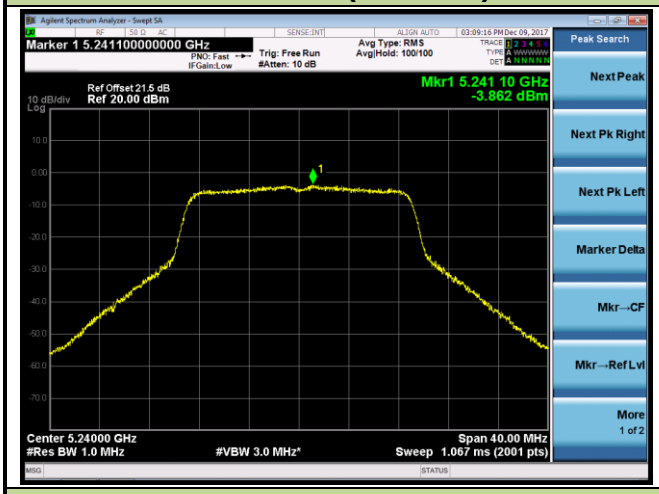
Channel 36 (5180MHz)



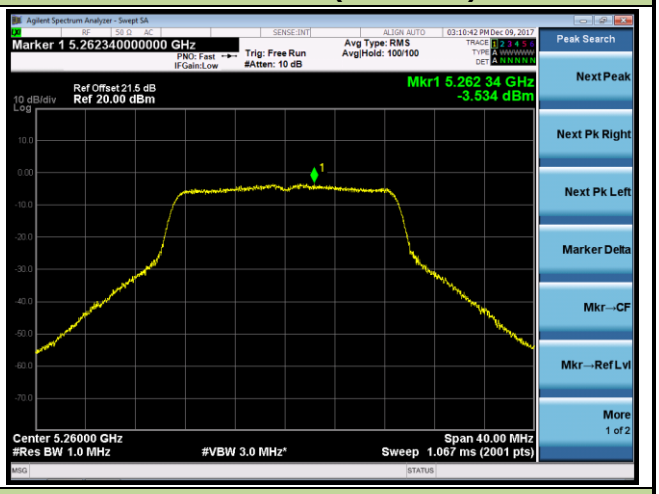
Channel 44 (5220MHz)



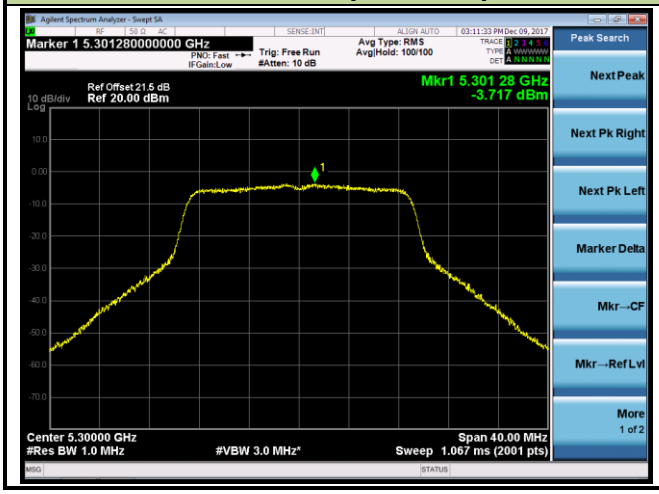
Channel 48 (5240MHz)



Channel 52 (5260MHz)

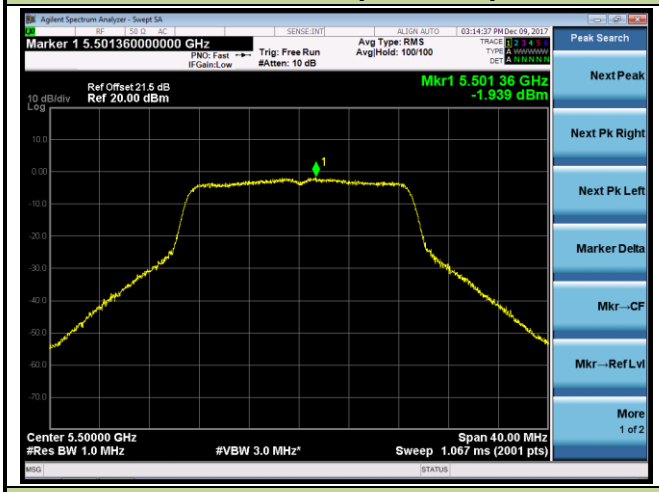


Channel 60 (5300MHz)

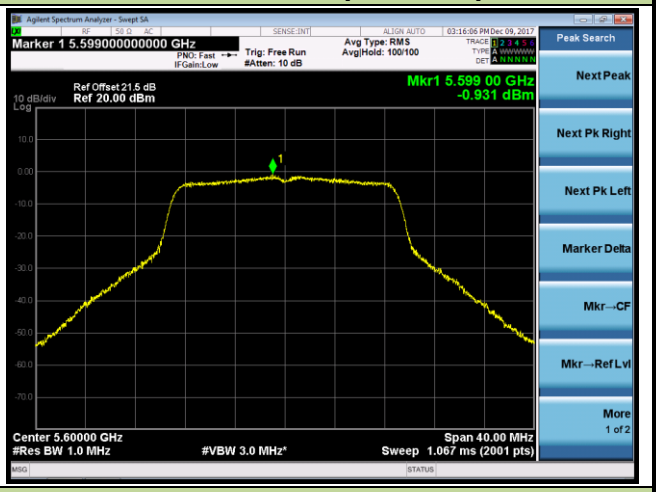


Channel 64 (5320MHz)

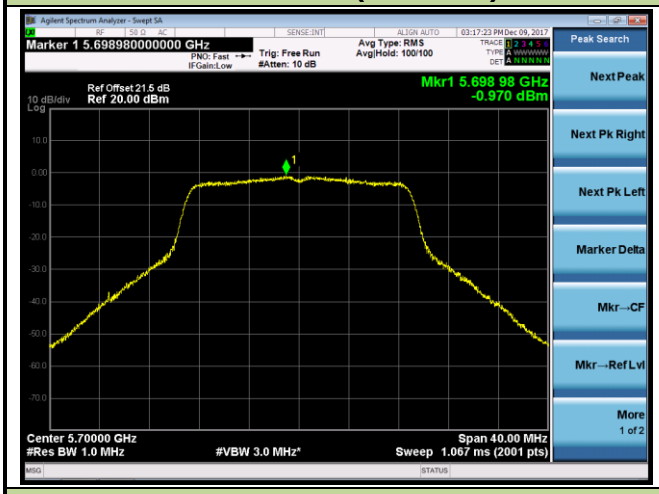
Channel 100 (5500MHz)



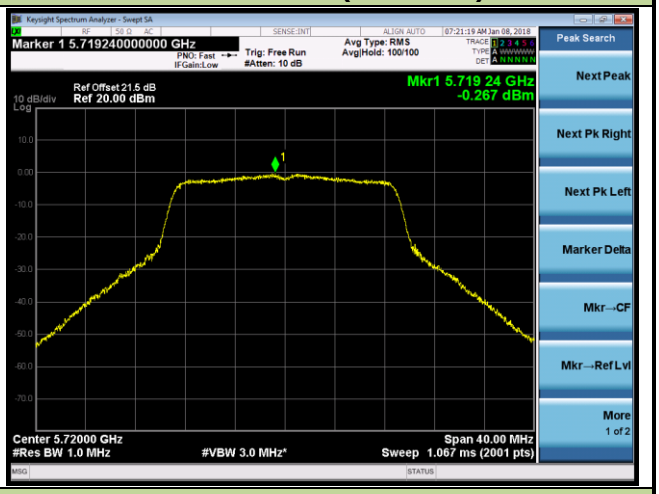
Channel 120 (5600MHz)



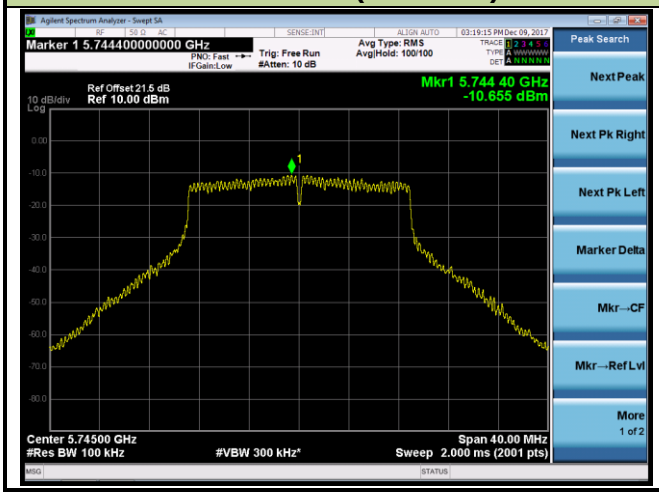
Channel 140 (5700MHz)



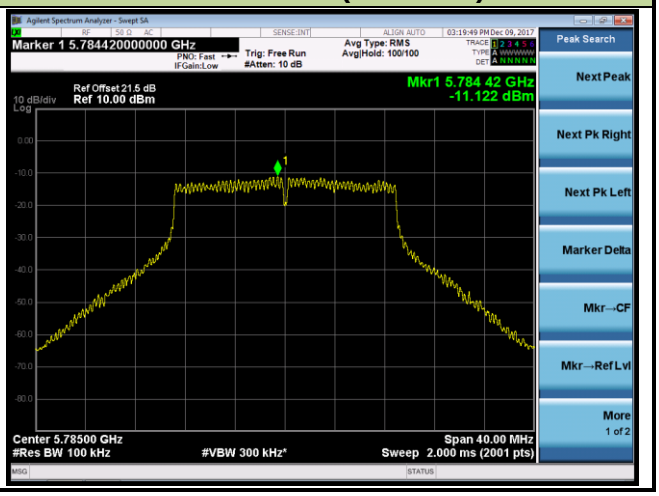
Channel 144 (5720MHz)

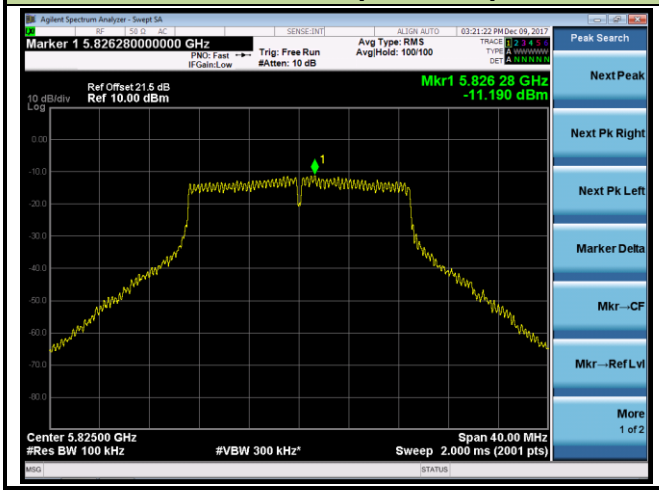


Channel 149 (5745MHz)



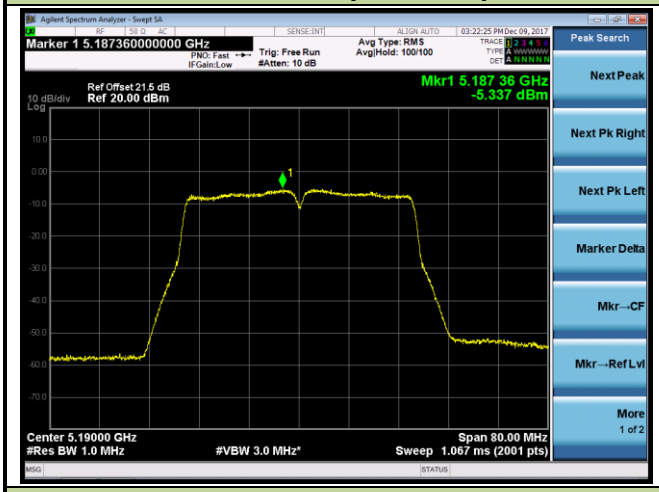
Channel 157 (5785MHz)



Channel 165 (5825MHz)	
	

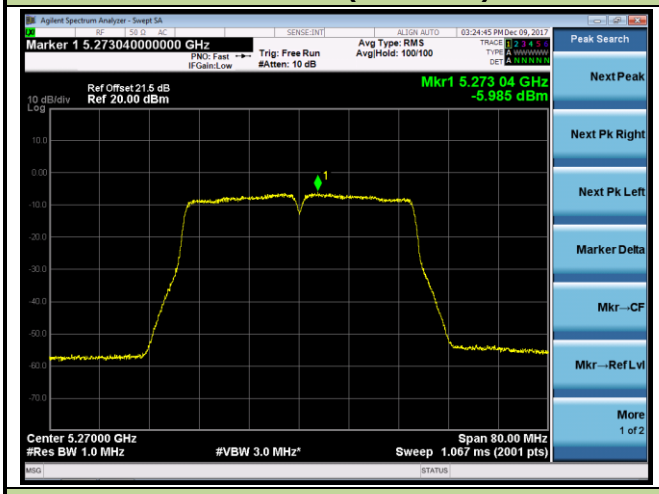
802.11n-HT40 Power Spectral Density - Ant 2 / Ant 1 + 2

Channel 38 (5190MHz)



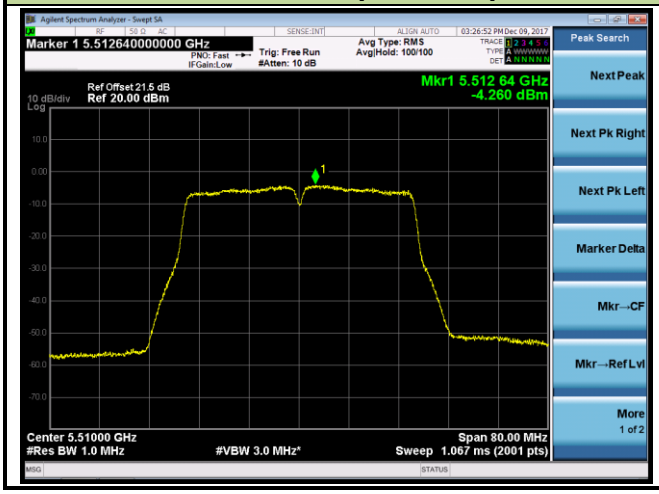
Channel 46 (5230MHz)

Channel 54 (5270MHz)

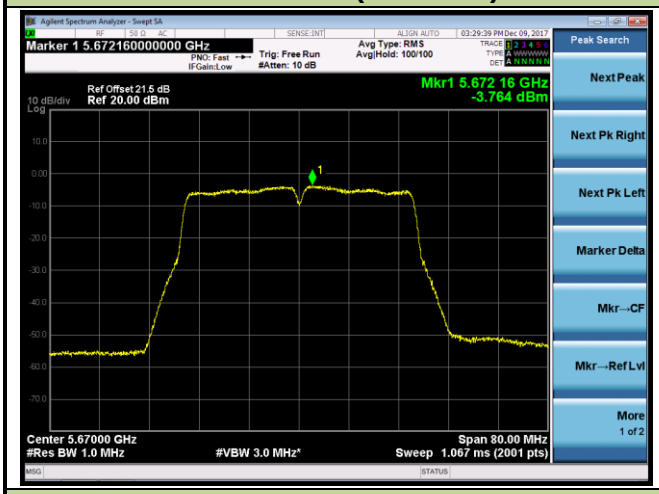
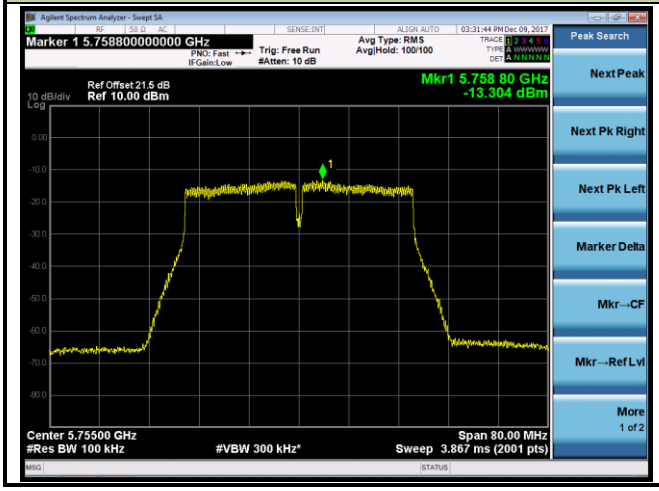


Channel 62 (5310MHz)

Channel 102 (5510MHz)

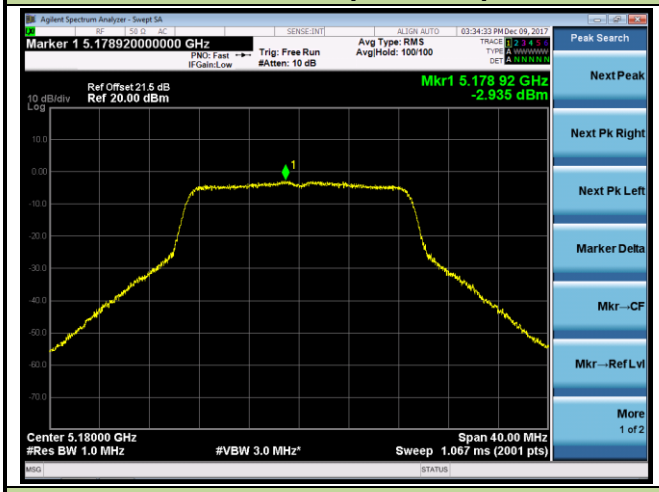


Channel 118 (5590MHz)

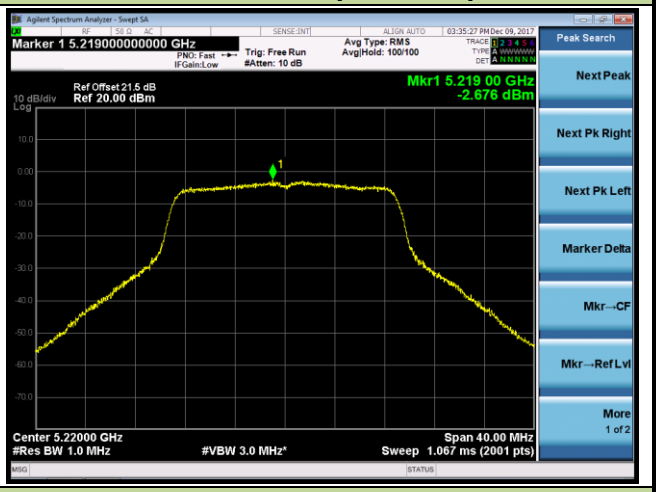
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

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

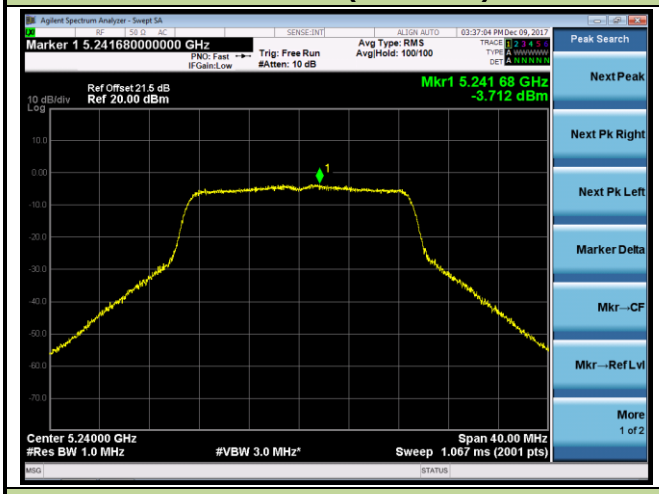
Channel 36 (5180MHz)



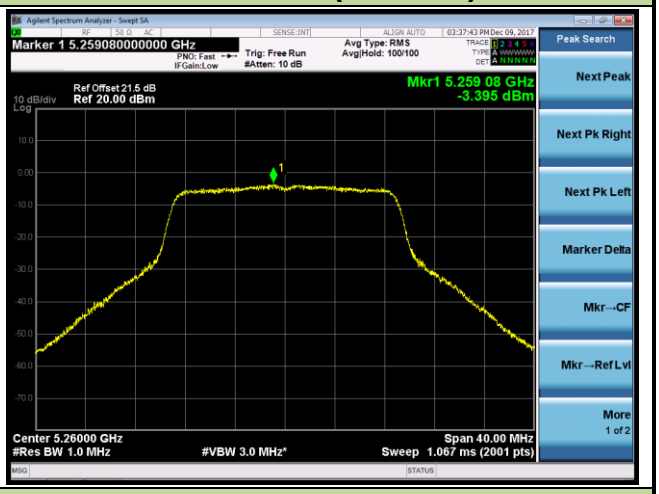
Channel 44 (5220MHz)



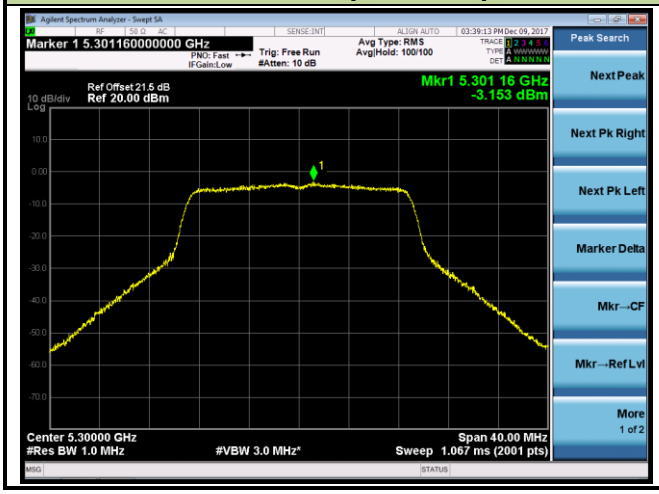
Channel 48 (5240MHz)



Channel 52 (5260MHz)

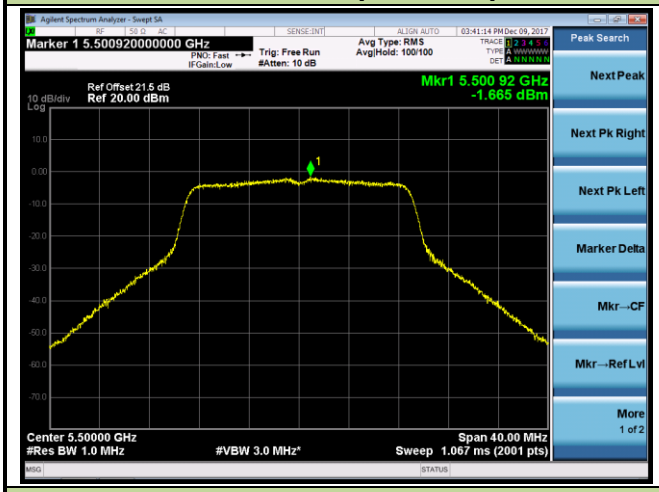


Channel 60 (5300MHz)

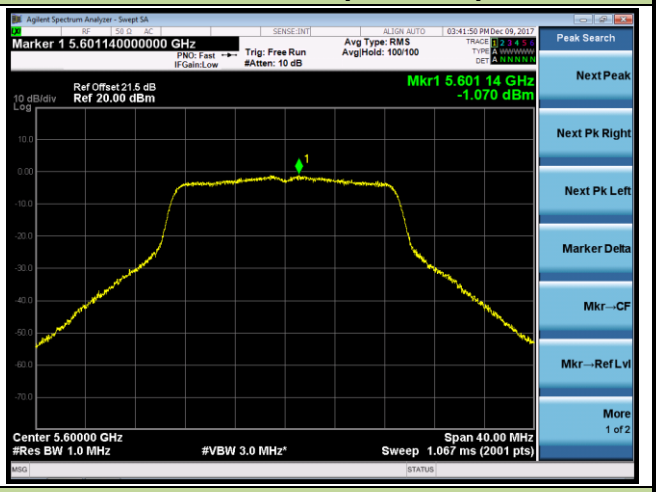


Channel 64 (5320MHz)

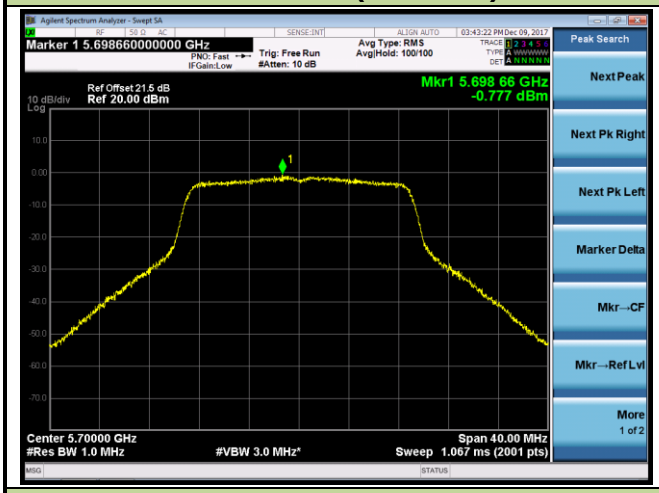
Channel 100 (5500MHz)



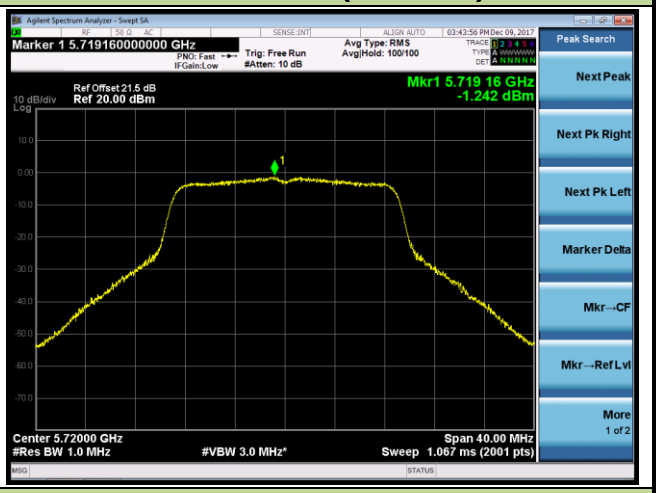
Channel 120 (5600MHz)



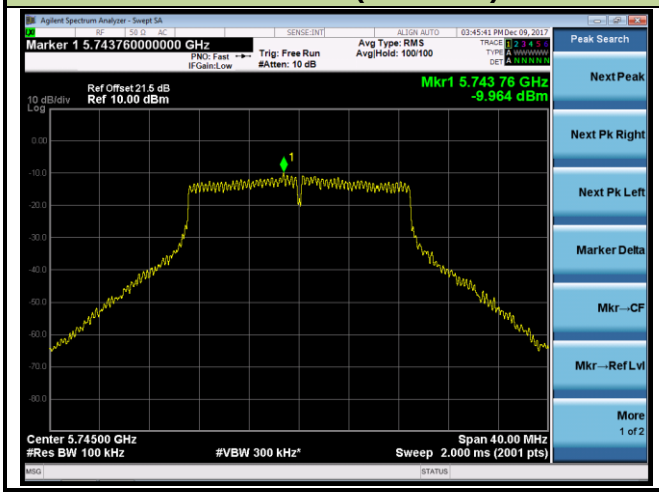
Channel 140 (5700MHz)



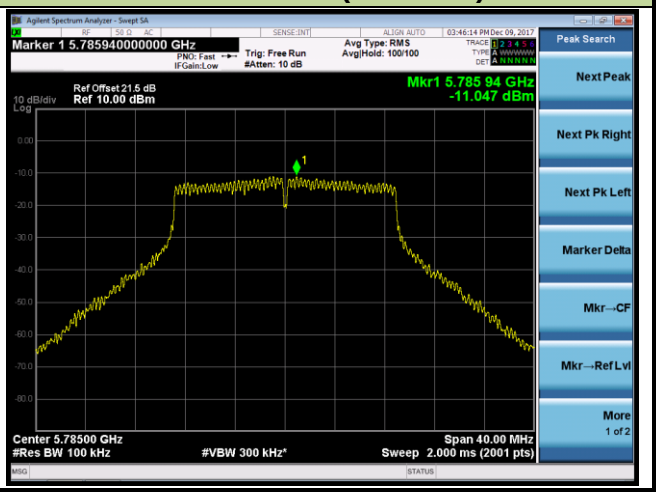
Channel 144 (5720MHz)

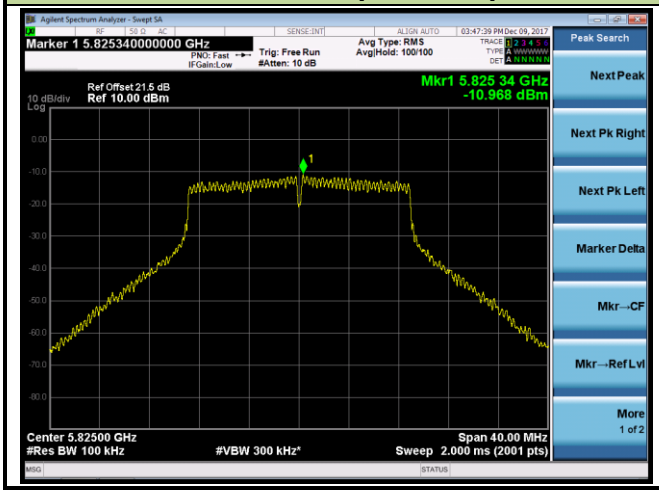


Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)	
	

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

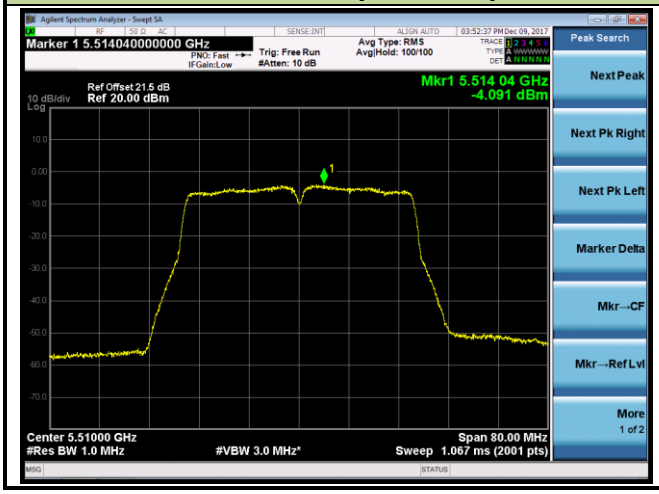
Channel 38 (5190MHz)

Channel 46 (5230MHz)

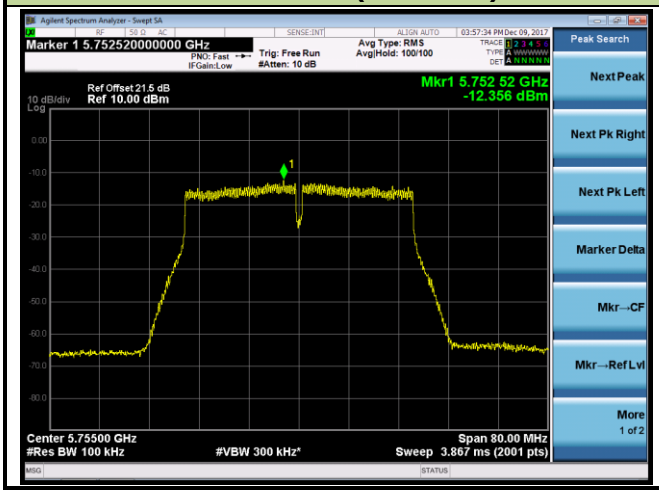
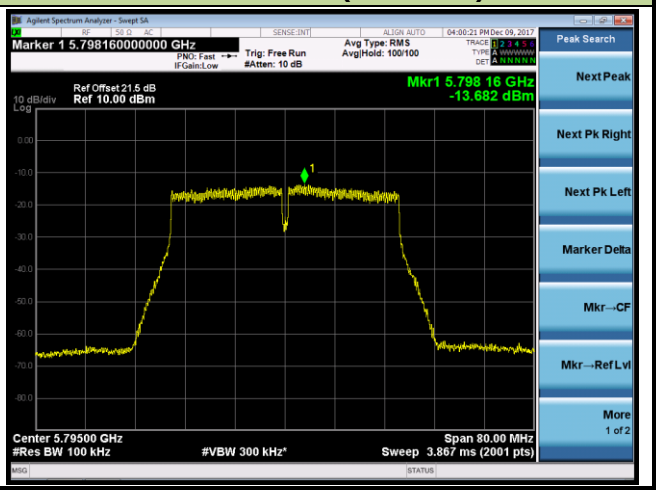
Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)

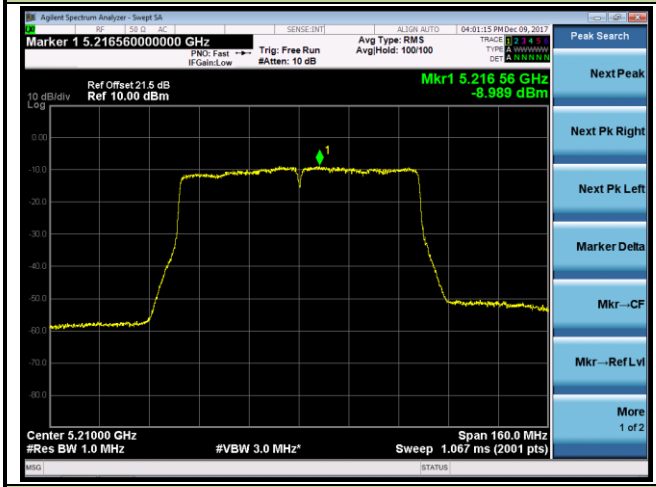


Channel 118 (5590MHz)

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

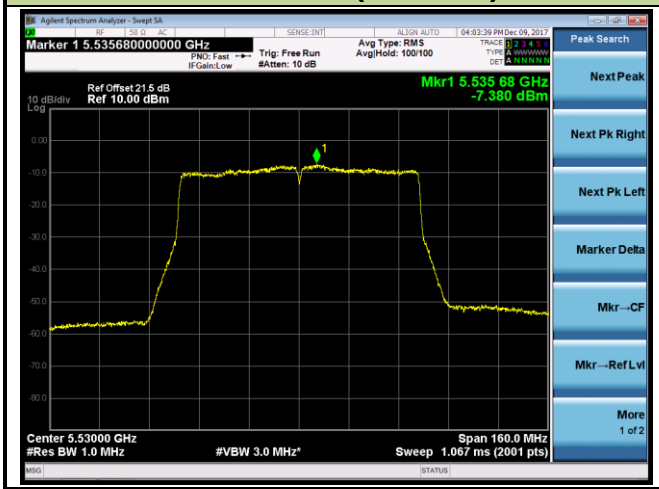
802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 1 + 2

Channel 42 (5210MHz)



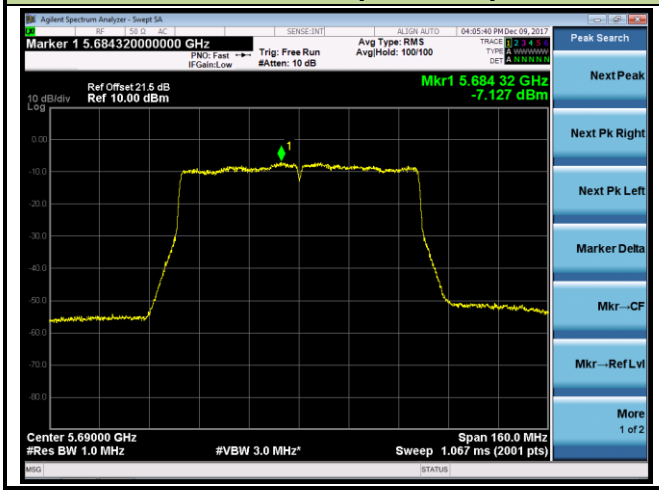
Channel 58 (5290MHz)

Channel 106 (5530MHz)

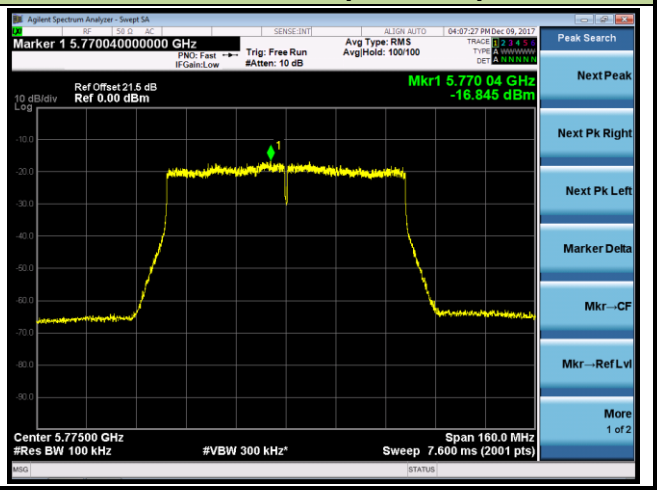


Channel 122 (5610MHz)

Channel 138 (5690MHz)



Channel 155 (5775MHz)



7.6. Frequency Stability Measurement

7.6.1.Test Limit

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

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

7.6.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

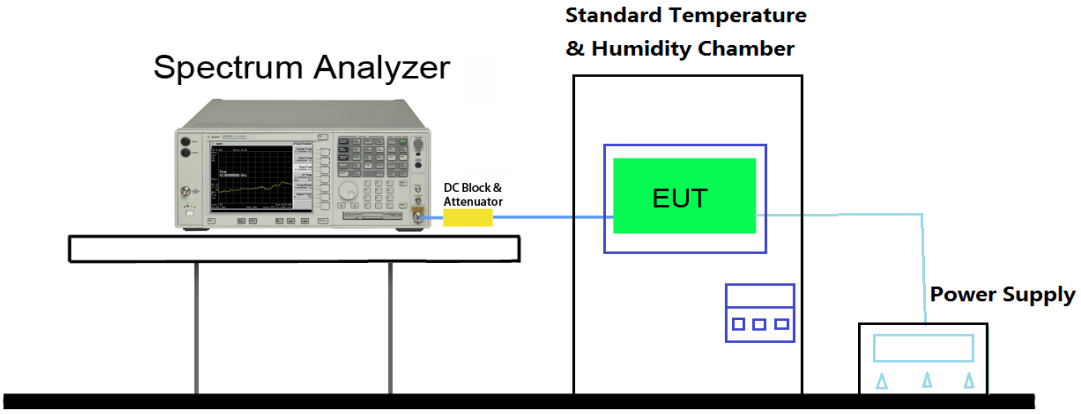
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.6.3.Test Setup



7.6.4.Test Result

Test Engineer	Hunk Li	Temperature	-30 ~ 50°C
Test Time	2017/12/08	Relative Humidity	52%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3

Voltage (%)	Power (VAC)	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-1.71	-1.54	-1.43	-1.26
		- 20	-1.84	-1.63	-1.48	-1.23
		- 10	-1.63	-1.59	-1.52	-1.55
		0	-1.61	-1.77	-1.27	-1.45
		+ 10	-1.64	-1.70	-1.61	-1.86
		+ 20 (Ref)	-1.63	-1.58	-1.57	-1.82
		+ 30	-1.21	-1.15	-1.00	-1.02
		+ 40	-1.44	-1.52	-1.70	-1.46
		+ 50	-2.60	-2.53	-2.37	-2.26
115%	138	+ 20	-1.56	-1.40	-1.32	-1.54
85%	102	+ 20	-1.32	-1.19	-1.20	-1.43

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

7.7. Radiated Spurious Emission Measurement

7.7.1.Test Limit

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

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

7.7.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.7.3.Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

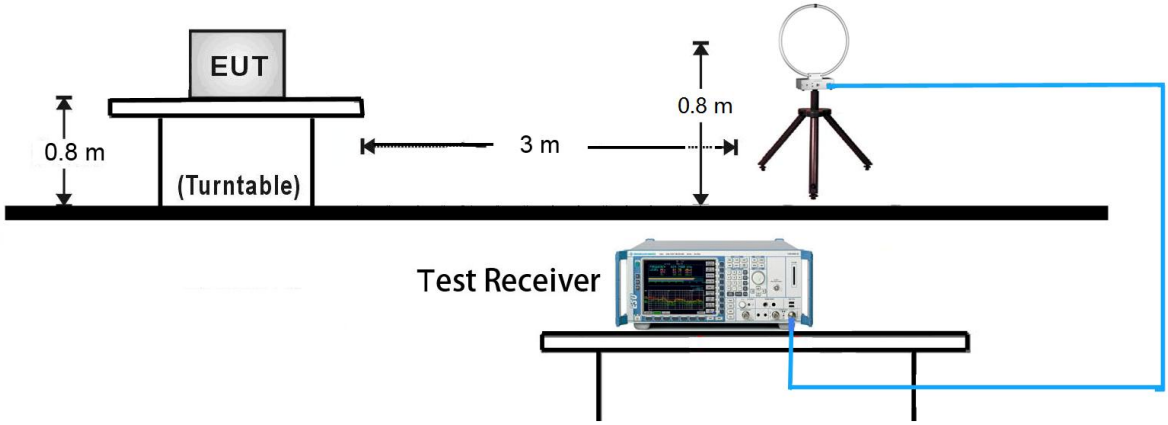
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

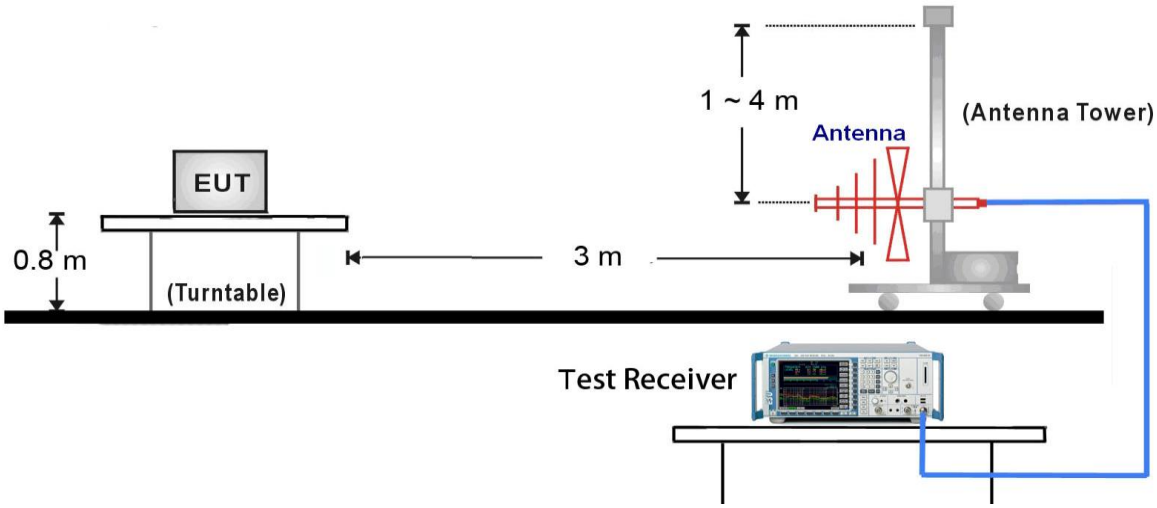
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.7.4.Test Setup

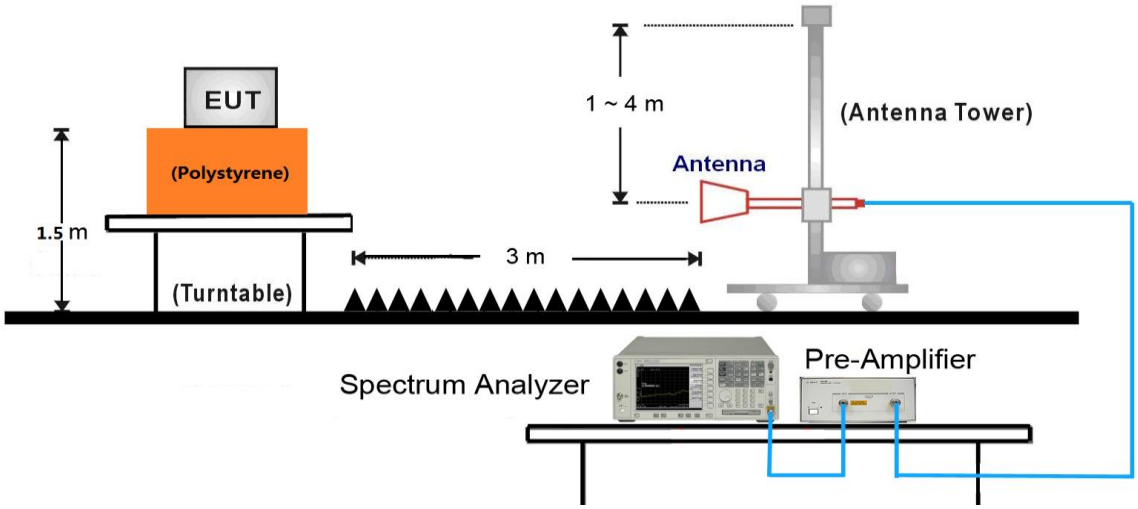
9kHz ~ 30MHz Test Setup:



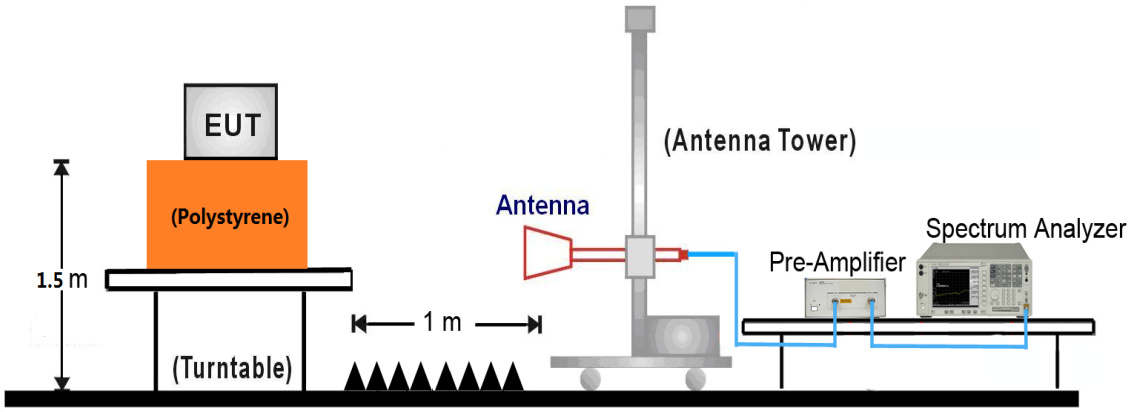
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.7.5.Test Result

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	36	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	37.3	12.9	50.2	74.0	-23.8	Peak	Horizontal
	8208.0	35.6	13.0	48.6	74.0	-25.4	Peak	Horizontal
*	9789.0	33.6	16.1	49.7	68.2	-18.5	Peak	Horizontal
*	10197.0	32.9	17.2	50.1	68.2	-18.1	Peak	Horizontal
	7434.5	35.1	12.8	47.9	74.0	-26.1	Peak	Vertical
	8301.5	34.6	12.6	47.2	74.0	-26.8	Peak	Vertical
*	9899.5	33.5	16.6	50.1	68.2	-18.1	Peak	Vertical
*	12789.5	32.2	18.1	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	44	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	34.4	12.6	47.0	74.0	-27.0	Peak	Horizontal
	8480.0	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
*	9916.5	32.3	16.6	48.9	68.2	-19.3	Peak	Horizontal
*	12789.5	32.2	18.1	50.3	68.2	-17.9	Peak	Horizontal
	7332.5	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
	8259.0	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
*	10095.0	31.8	16.9	48.7	68.2	-19.5	Peak	Vertical
*	13019.0	32.3	18.5	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	48	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
	8242.0	35.0	13.0	48.0	74.0	-26.0	Peak	Horizontal
*	10103.5	32.2	16.9	49.1	68.2	-19.1	Peak	Horizontal
*	13019.0	32.3	18.5	50.8	68.2	-17.4	Peak	Horizontal
	7366.5	34.7	12.7	47.4	74.0	-26.6	Peak	Vertical
	8403.5	34.0	12.5	46.5	74.0	-27.5	Peak	Vertical
*	9797.5	32.2	16.2	48.4	68.2	-19.8	Peak	Vertical
*	13010.5	32.2	18.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	52	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	8233.5	34.6	13.0	47.6	74.0	-26.4	Peak	Horizontal
*	10086.5	32.0	16.9	48.9	68.2	-19.3	Peak	Horizontal
*	13010.5	32.2	18.5	50.7	68.2	-17.5	Peak	Horizontal
	7417.5	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	8310.0	33.7	12.6	46.3	74.0	-27.7	Peak	Vertical
*	9729.5	32.9	15.8	48.7	68.2	-19.5	Peak	Vertical
*	13027.5	32.2	18.4	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	60	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
	8386.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	10120.5	32.2	16.9	49.1	68.2	-19.1	Peak	Horizontal
*	13027.5	32.2	18.4	50.6	68.2	-17.6	Peak	Horizontal
	7485.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8352.5	34.0	12.6	46.6	74.0	-27.4	Peak	Vertical
*	9857.0	33.0	16.7	49.7	68.2	-18.5	Peak	Vertical
*	12730.0	32.7	18.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	64	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
	8361.0	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	10197.0	34.1	17.2	51.3	68.2	-16.9	Peak	Horizontal
*	12730.0	32.7	18.1	50.8	68.2	-17.4	Peak	Horizontal
	7545.0	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
	8463.0	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical
*	9993.0	32.8	16.7	49.5	68.2	-18.7	Peak	Vertical
*	12917.0	32.0	18.4	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	100	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	8250.5	34.4	12.9	47.3	74.0	-26.7	Peak	Horizontal
*	10010.0	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
*	12917.0	32.0	18.4	50.4	68.2	-17.8	Peak	Horizontal
	7502.5	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	8276.0	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	9823.0	32.3	16.5	48.8	68.2	-19.4	Peak	Vertical
*	12721.5	32.4	18.1	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	120	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
	8310.0	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
*	10078.0	33.0	17.0	50.0	68.2	-18.2	Peak	Horizontal
*	12721.5	32.4	18.1	50.5	68.2	-17.7	Peak	Horizontal
	7434.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8403.5	33.7	12.5	46.2	74.0	-27.8	Peak	Vertical
*	9874.0	33.2	16.8	50.0	68.2	-18.2	Peak	Vertical
*	12806.5	32.2	18.1	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	140	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	8352.5	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	10103.5	33.1	16.9	50.0	68.2	-18.2	Peak	Horizontal
*	12806.5	32.2	18.1	50.3	68.2	-17.9	Peak	Horizontal
	7426.0	35.4	12.8	48.2	74.0	-25.8	Peak	Vertical
	8352.5	34.6	12.6	47.2	74.0	-26.8	Peak	Vertical
*	9780.5	32.0	16.1	48.1	68.2	-20.1	Peak	Vertical
*	12959.5	32.2	18.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	144	Test Engineer:	Will Yan
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7261.2	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	8156.6	35.5	13.3	48.8	74.0	-25.2	Peak	Horizontal
*	8613.5	35.4	12.9	48.3	68.2	-19.9	Peak	Horizontal
*	9255.3	33.8	14.5	48.3	68.2	-19.9	Peak	Horizontal
	7329.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
	8345.9	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
*	8789.4	34.8	13.3	48.1	68.2	-20.1	Peak	Vertical
*	9267.5	33.5	14.5	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	149	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
	8208.0	35.9	13.0	48.9	74.0	-25.1	Peak	Horizontal
*	9899.5	33.3	16.6	49.9	68.2	-18.3	Peak	Horizontal
*	12959.5	32.2	18.7	50.9	68.2	-17.3	Peak	Horizontal
	7409.0	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
	8352.5	34.0	12.6	46.6	74.0	-27.4	Peak	Vertical
*	9857.0	33.5	16.7	50.2	68.2	-18.0	Peak	Vertical
*	12891.5	32.2	18.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	157	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	36.4	12.6	49.0	74.0	-25.0	Peak	Horizontal
	8276.0	35.1	12.8	47.9	74.0	-26.1	Peak	Horizontal
*	10052.5	34.0	16.8	50.8	68.2	-17.4	Peak	Horizontal
*	12891.5	32.2	18.5	50.7	68.2	-17.5	Peak	Horizontal
	7409.0	36.4	12.6	49.0	74.0	-25.0	Peak	Vertical
	8352.5	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
*	9899.5	32.4	16.6	49.0	68.2	-19.2	Peak	Vertical
*	12891.5	32.2	18.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC2
Test Channel:	165	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	34.0	12.7	46.7	74.0	-27.3	Peak	Horizontal
	8310.0	34.4	12.6	47.0	74.0	-27.0	Peak	Horizontal
*	10086.5	32.2	16.9	49.1	68.2	-19.1	Peak	Horizontal
*	12891.5	32.2	18.5	50.7	68.2	-17.5	Peak	Horizontal
	7366.5	34.0	12.7	46.7	74.0	-27.3	Peak	Vertical
	8301.5	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
*	9797.5	32.0	16.2	48.2	68.2	-20.0	Peak	Vertical
*	12849.0	33.9	18.6	52.5	68.2	-15.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	36	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.7	12.9	47.6	74.0	-26.4	Peak	Horizontal
	8497.0	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
*	10035.5	32.7	16.7	49.4	68.2	-18.8	Peak	Horizontal
*	12849.0	33.9	18.6	52.5	68.2	-15.7	Peak	Horizontal
	7570.5	34.7	12.9	47.6	74.0	-26.4	Peak	Vertical
	8276.0	33.8	12.8	46.6	74.0	-27.4	Peak	Vertical
*	10010.0	32.0	16.6	48.6	68.2	-19.6	Peak	Vertical
*	12849.0	31.9	18.6	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	44	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.7	12.9	47.6	74.0	-26.4	Peak	Horizontal
	8429.0	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
*	10137.5	31.7	17.0	48.7	68.2	-19.5	Peak	Horizontal
*	12849.0	31.9	18.6	50.5	68.2	-17.7	Peak	Horizontal
	7536.5	34.7	12.9	47.6	74.0	-26.4	Peak	Vertical
	8352.5	34.5	12.6	47.1	74.0	-26.9	Peak	Vertical
*	9899.5	33.4	16.6	50.0	68.2	-18.2	Peak	Vertical
*	12747.0	32.1	18.2	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	48	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
	8276.0	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	9984.5	34.4	16.7	51.1	68.2	-17.1	Peak	Horizontal
*	12747.0	32.1	18.2	50.3	68.2	-17.9	Peak	Horizontal
	7341.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
	8471.5	33.8	12.7	46.5	74.0	-27.5	Peak	Vertical
*	10078.0	31.9	17.0	48.9	68.2	-19.3	Peak	Vertical
*	13070.0	32.7	18.7	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	52	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
	8318.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
*	10044.0	32.0	16.7	48.7	68.2	-19.5	Peak	Horizontal
*	12976.5	31.8	18.7	50.5	68.2	-17.7	Peak	Horizontal
	7434.5	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8352.5	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
*	10044.0	32.5	16.7	49.2	68.2	-19.0	Peak	Vertical
*	12781.0	33.0	18.1	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	60	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	34.9	12.9	47.8	74.0	-26.2	Peak	Horizontal
	8301.5	36.5	12.6	49.1	74.0	-24.9	Peak	Horizontal
*	9857.0	33.3	16.7	50.0	68.2	-18.2	Peak	Horizontal
*	12900.0	34.2	18.5	52.7	68.2	-15.5	Peak	Horizontal
	7664.0	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
	8310.0	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
*	9721.0	32.9	15.7	48.6	68.2	-19.6	Peak	Vertical
*	12815.0	34.8	18.2	53.0	68.2	-15.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	64	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	35.5	12.9	48.4	74.0	-25.6	Peak	Horizontal
	8327.0	34.9	12.6	47.5	74.0	-26.5	Peak	Horizontal
*	9874.0	33.9	16.8	50.7	68.2	-17.5	Peak	Horizontal
*	13078.5	34.0	18.7	52.7	68.2	-15.5	Peak	Horizontal
	7417.5	37.1	12.7	49.8	74.0	-24.2	Peak	Vertical
	8284.5	35.7	12.7	48.4	74.0	-25.6	Peak	Vertical
*	9780.5	33.8	16.1	49.9	68.2	-18.3	Peak	Vertical
*	13129.5	32.7	18.7	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	100	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.7	12.8	47.5	74.0	-26.5	Peak	Horizontal
	8437.5	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	9823.0	33.5	16.5	50.0	68.2	-18.2	Peak	Horizontal
*	12849.0	33.4	18.6	52.0	68.2	-16.2	Peak	Horizontal
	7332.5	35.9	12.6	48.5	74.0	-25.5	Peak	Vertical
	8395.0	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical
*	9772.0	32.7	16.2	48.9	68.2	-19.3	Peak	Vertical
*	12849.0	33.8	18.6	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	120	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
	8267.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	9814.5	33.5	16.4	49.9	68.2	-18.3	Peak	Horizontal
*	13129.5	34.1	18.7	52.8	68.2	-15.4	Peak	Horizontal
	7426.0	35.5	12.8	48.3	74.0	-25.7	Peak	Vertical
	8335.5	36.8	12.6	49.4	74.0	-24.6	Peak	Vertical
*	9925.0	35.2	16.6	51.8	68.2	-16.4	Peak	Vertical
*	13095.5	34.8	18.7	53.5	68.2	-14.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	140	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	36.8	12.6	49.4	74.0	-24.6	Peak	Horizontal
	8284.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
*	9814.5	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
*	12917.0	32.9	18.4	51.3	68.2	-16.9	Peak	Horizontal
	7468.5	35.7	12.9	48.6	74.0	-25.4	Peak	Vertical
	8310.0	34.6	12.6	47.2	74.0	-26.8	Peak	Vertical
*	9857.0	33.1	16.7	49.8	68.2	-18.4	Peak	Vertical
*	12951.0	33.0	18.7	51.7	68.2	-16.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	144	Test Engineer:	Will Yan
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7455.9	35.0	12.9	47.9	74.0	-26.1	Peak	Horizontal
	8487.7	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
*	8887.9	34.8	13.2	48.0	68.2	-20.2	Peak	Horizontal
*	9874.6	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	7565.7	35.2	12.9	48.1	74.0	-25.9	Peak	Vertical
	8452.9	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical
*	9259.8	33.7	14.5	48.2	68.2	-20.0	Peak	Vertical
*	9824.6	33.2	16.5	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	149	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.9	12.9	48.8	74.0	-25.2	Peak	Horizontal
	8386.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	9874.0	34.4	16.8	51.2	68.2	-17.0	Peak	Horizontal
*	12934.0	34.0	18.6	52.6	68.2	-15.6	Peak	Horizontal
	7400.5	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical
	8318.5	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
*	9721.0	32.7	15.7	48.4	68.2	-19.8	Peak	Vertical
*	12908.5	32.2	18.4	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	157	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	36.3	12.6	48.9	74.0	-25.1	Peak	Horizontal
	8429.0	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
*	9882.5	31.9	16.7	48.6	68.2	-19.6	Peak	Horizontal
*	12891.5	33.1	18.5	51.6	68.2	-16.6	Peak	Horizontal
	7502.5	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
	8463.0	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
*	9772.0	33.2	16.2	49.4	68.2	-18.8	Peak	Vertical
*	13078.5	32.4	18.7	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	165	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
	8429.0	35.0	12.6	47.6	74.0	-26.4	Peak	Horizontal
*	9789.0	32.2	16.1	48.3	68.2	-19.9	Peak	Horizontal
*	12891.5	33.1	18.5	51.6	68.2	-16.6	Peak	Horizontal
	7511.0	35.3	12.7	48.0	74.0	-26.0	Peak	Vertical
	8310.0	35.5	12.6	48.1	74.0	-25.9	Peak	Vertical
*	9814.5	32.1	16.4	48.5	68.2	-19.7	Peak	Vertical
*	13010.5	32.6	18.5	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	38	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.3	12.9	47.2	74.0	-26.8	Peak	Horizontal
	8293.0	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
*	9738.0	32.3	15.9	48.2	68.2	-20.0	Peak	Horizontal
*	13070.0	32.2	18.7	50.9	68.2	-17.3	Peak	Horizontal
	7468.5	35.7	12.9	48.6	74.0	-25.4	Peak	Vertical
	8369.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
*	9891.0	32.5	16.6	49.1	68.2	-19.1	Peak	Vertical
*	13010.5	32.2	18.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	46	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.9	12.7	46.6	74.0	-27.4	Peak	Horizontal
	8420.5	33.4	12.6	46.0	74.0	-28.0	Peak	Horizontal
*	9814.5	32.2	16.4	48.6	68.2	-19.6	Peak	Horizontal
*	13036.0	31.5	18.4	49.9	68.2	-18.3	Peak	Horizontal
	7468.5	34.3	12.9	47.2	74.0	-26.8	Peak	Vertical
	8429.0	33.1	12.6	45.7	74.0	-28.3	Peak	Vertical
*	9814.5	32.1	16.4	48.5	68.2	-19.7	Peak	Vertical
*	13129.5	32.8	18.7	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	54	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	34.5	12.9	47.4	74.0	-26.6	Peak	Horizontal
	8352.5	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
*	9772.0	32.1	16.2	48.3	68.2	-19.9	Peak	Horizontal
*	13036.0	31.8	18.4	50.2	68.2	-18.0	Peak	Horizontal
	7553.5	33.8	13.0	46.8	74.0	-27.2	Peak	Vertical
	8165.5	34.0	13.3	47.3	74.0	-26.7	Peak	Vertical
*	9772.0	33.0	16.2	49.2	68.2	-19.0	Peak	Vertical
*	10426.5	32.4	17.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	62	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
	8250.5	34.2	12.9	47.1	74.0	-26.9	Peak	Horizontal
*	9857.0	32.4	16.7	49.1	68.2	-19.1	Peak	Horizontal
*	10443.5	31.9	17.2	49.1	68.2	-19.1	Peak	Horizontal
	7689.5	36.7	12.8	49.5	74.0	-24.5	Peak	Vertical
	8225.0	33.9	13.1	47.0	74.0	-27.0	Peak	Vertical
*	9772.0	32.9	16.2	49.1	68.2	-19.1	Peak	Vertical
*	10324.5	31.9	17.3	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	102	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.6	12.9	47.5	74.0	-26.5	Peak	Horizontal
	8165.5	33.9	13.3	47.2	74.0	-26.8	Peak	Horizontal
*	9746.5	32.8	16.1	48.9	68.2	-19.3	Peak	Horizontal
*	10171.5	32.4	17.0	49.4	68.2	-18.8	Peak	Horizontal
	7502.5	35.6	12.7	48.3	74.0	-25.7	Peak	Vertical
	8250.5	34.0	12.9	46.9	74.0	-27.1	Peak	Vertical
*	9772.0	33.0	16.2	49.2	68.2	-19.0	Peak	Vertical
*	10265.0	32.2	17.2	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	118	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
	8208.0	34.7	13.0	47.7	74.0	-26.3	Peak	Horizontal
*	9746.5	33.3	16.1	49.4	68.2	-18.8	Peak	Horizontal
*	10290.5	31.8	17.2	49.0	68.2	-19.2	Peak	Horizontal
	7485.5	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
	8182.5	35.4	13.2	48.6	74.0	-25.4	Peak	Vertical
*	9772.0	33.3	16.2	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	32.7	17.4	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	134	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
	8267.5	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	9687.0	33.1	15.5	48.6	68.2	-19.6	Peak	Horizontal
*	10324.5	32.0	17.3	49.3	68.2	-18.9	Peak	Horizontal
	7604.5	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
	8310.0	33.9	12.6	46.5	74.0	-27.5	Peak	Vertical
*	9840.0	32.4	16.7	49.1	68.2	-19.1	Peak	Vertical
*	10324.5	32.1	17.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	142	Test Engineer:	Will Yan
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7654.5	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
	8335.8	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	9265.8	33.7	14.5	48.2	68.2	-20.0	Peak	Horizontal
*	9978.5	34.0	16.7	50.7	68.2	-17.5	Peak	Horizontal
	7664.1	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical
	8354.1	34.3	12.6	46.9	74.0	-27.1	Peak	Vertical
*	9884.2	32.8	16.6	49.4	68.2	-18.8	Peak	Vertical
*	12835.9	32.6	18.5	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	151	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
	8242.0	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
*	9814.5	32.9	16.4	49.3	68.2	-18.9	Peak	Horizontal
*	10409.5	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7536.5	34.6	12.9	47.5	74.0	-26.5	Peak	Vertical
	8131.5	33.9	13.4	47.3	74.0	-26.7	Peak	Vertical
*	9789.0	32.4	16.1	48.5	68.2	-19.7	Peak	Vertical
*	10316.0	32.3	17.4	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	159	Test Engineer:	Will Yan
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
	8225.0	33.8	13.1	46.9	74.0	-27.1	Peak	Horizontal
*	9823.0	32.0	16.5	48.5	68.2	-19.7	Peak	Horizontal
*	10316.0	32.3	17.4	49.7	68.2	-18.5	Peak	Horizontal
	7536.5	35.4	12.9	48.3	74.0	-25.7	Peak	Vertical
	8208.0	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
*	9789.0	32.3	16.1	48.4	68.2	-19.8	Peak	Vertical
*	10171.5	32.2	17.0	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	36	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
	8208.0	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
*	9789.0	32.2	16.1	48.3	68.2	-19.9	Peak	Horizontal
*	10214.0	33.3	17.1	50.4	68.2	-17.8	Peak	Horizontal
	7511.0	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
	8250.5	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
*	9806.0	32.2	16.3	48.5	68.2	-19.7	Peak	Vertical
*	10273.5	33.2	17.2	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	44	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	35.7	12.8	48.5	74.0	-25.5	Peak	Horizontal
	8174.0	34.0	13.2	47.2	74.0	-26.8	Peak	Horizontal
*	9797.5	31.6	16.2	47.8	68.2	-20.4	Peak	Horizontal
*	10358.5	31.6	17.4	49.0	68.2	-19.2	Peak	Horizontal
	7638.5	36.6	12.6	49.2	74.0	-24.8	Peak	Vertical
	8216.5	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
*	9780.5	32.0	16.1	48.1	68.2	-20.1	Peak	Vertical
*	10486.0	32.0	17.5	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	48	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	35.4	12.9	48.3	74.0	-25.7	Peak	Horizontal
	8131.5	35.3	13.4	48.7	74.0	-25.3	Peak	Horizontal
*	9916.5	31.9	16.6	48.5	68.2	-19.7	Peak	Horizontal
*	10350.0	33.0	17.3	50.3	68.2	-17.9	Peak	Horizontal
	7400.5	36.2	12.6	48.8	74.0	-25.2	Peak	Vertical
	8208.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	9695.5	32.4	15.5	47.9	68.2	-20.3	Peak	Vertical
*	10435.0	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	52	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
	8165.5	33.7	13.3	47.0	74.0	-27.0	Peak	Horizontal
*	9636.0	32.4	15.5	47.9	68.2	-20.3	Peak	Horizontal
*	10282.0	32.3	17.1	49.4	68.2	-18.8	Peak	Horizontal
	7451.5	35.2	12.9	48.1	74.0	-25.9	Peak	Vertical
	8301.5	34.6	12.6	47.2	74.0	-26.8	Peak	Vertical
*	9899.5	32.2	16.6	48.8	68.2	-19.4	Peak	Vertical
*	10358.5	32.4	17.4	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	60	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
	8208.0	33.7	13.0	46.7	74.0	-27.3	Peak	Horizontal
*	9755.0	32.0	16.2	48.2	68.2	-20.0	Peak	Horizontal
*	10290.5	32.2	17.2	49.4	68.2	-18.8	Peak	Horizontal
	7536.5	34.0	12.9	46.9	74.0	-27.1	Peak	Vertical
	8199.5	34.2	13.1	47.3	74.0	-26.7	Peak	Vertical
*	9772.0	33.0	16.2	49.2	68.2	-19.0	Peak	Vertical
*	10222.5	32.1	17.1	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	64	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
	8225.0	34.1	13.1	47.2	74.0	-26.8	Peak	Horizontal
*	9780.5	32.1	16.1	48.2	68.2	-20.0	Peak	Horizontal
*	10426.5	31.5	17.3	48.8	68.2	-19.4	Peak	Horizontal
	7545.0	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
	8276.0	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
*	9678.5	32.4	15.4	47.8	68.2	-20.4	Peak	Vertical
*	10282.0	32.2	17.1	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	100	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	36.6	12.9	49.5	74.0	-24.5	Peak	Horizontal
	8310.0	34.5	12.6	47.1	74.0	-26.9	Peak	Horizontal
*	9874.0	32.2	16.8	49.0	68.2	-19.2	Peak	Horizontal
*	10316.0	32.7	17.4	50.1	68.2	-18.1	Peak	Horizontal
	7732.0	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
	8191.0	34.6	13.1	47.7	74.0	-26.3	Peak	Vertical
*	9780.5	32.6	16.1	48.7	68.2	-19.5	Peak	Vertical
*	10350.0	32.4	17.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	120	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
	8199.5	34.5	13.1	47.6	74.0	-26.4	Peak	Horizontal
*	9814.5	32.5	16.4	48.9	68.2	-19.3	Peak	Horizontal
*	10265.0	32.5	17.2	49.7	68.2	-18.5	Peak	Horizontal
	7672.5	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8131.5	34.4	13.4	47.8	74.0	-26.2	Peak	Vertical
*	9772.0	31.9	16.2	48.1	68.2	-20.1	Peak	Vertical
*	10231.0	32.3	17.1	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	140	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	8165.5	34.2	13.3	47.5	74.0	-26.5	Peak	Horizontal
*	9780.5	32.5	16.1	48.6	68.2	-19.6	Peak	Horizontal
*	10341.5	32.3	17.3	49.6	68.2	-18.6	Peak	Horizontal
	7621.5	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
	8233.5	34.3	13.0	47.3	74.0	-26.7	Peak	Vertical
*	9721.0	33.6	15.7	49.3	68.2	-18.9	Peak	Vertical
*	10333.0	32.4	17.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	144	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.2	12.7	45.9	74.0	-28.1	Peak	Horizontal
	8225.0	33.3	13.1	46.4	74.0	-27.6	Peak	Horizontal
*	9763.5	31.4	16.2	47.6	68.2	-20.6	Peak	Horizontal
*	10239.5	31.4	17.2	48.6	68.2	-19.6	Peak	Horizontal
	7604.5	35.7	12.7	48.4	74.0	-25.6	Peak	Vertical
	8165.5	33.6	13.3	46.9	74.0	-27.1	Peak	Vertical
*	9772.0	32.1	16.2	48.3	68.2	-19.9	Peak	Vertical
*	10316.0	31.9	17.4	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	149	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.4	12.7	47.1	74.0	-26.9	Peak	Horizontal
	8267.5	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	9772.0	32.3	16.2	48.5	68.2	-19.7	Peak	Horizontal
*	10392.5	31.9	17.4	49.3	68.2	-18.9	Peak	Horizontal
	7477.0	35.4	12.9	48.3	74.0	-25.7	Peak	Vertical
	8276.0	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
*	9729.5	32.9	15.8	48.7	68.2	-19.5	Peak	Vertical
*	10324.5	32.4	17.3	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	157	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	35.4	12.9	48.3	74.0	-25.7	Peak	Horizontal
	8378.0	35.0	12.6	47.6	74.0	-26.4	Peak	Horizontal
*	9661.5	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
*	10214.0	34.1	17.1	51.2	68.2	-17.0	Peak	Horizontal
	7570.5	35.8	12.9	48.7	74.0	-25.3	Peak	Vertical
	8233.5	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical
*	9678.5	32.6	15.4	48.0	68.2	-20.2	Peak	Vertical
*	10282.0	32.2	17.1	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC2
Test Channel:	165	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.9	12.9	47.8	74.0	-26.2	Peak	Horizontal
	8208.0	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
*	9772.0	32.5	16.2	48.7	68.2	-19.5	Peak	Horizontal
*	10333.0	32.0	17.3	49.3	68.2	-18.9	Peak	Horizontal
	7536.5	34.1	12.9	47.0	74.0	-27.0	Peak	Vertical
	8208.0	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical
*	9780.5	31.9	16.1	48.0	68.2	-20.2	Peak	Vertical
*	10426.5	32.1	17.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	38	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	33.6	12.6	46.2	74.0	-27.8	Peak	Horizontal
	8174.0	33.7	13.2	46.9	74.0	-27.1	Peak	Horizontal
*	9704.0	32.9	15.5	48.4	68.2	-19.8	Peak	Horizontal
*	10324.5	31.6	17.3	48.9	68.2	-19.3	Peak	Horizontal
	7672.5	34.5	12.8	47.3	74.0	-26.7	Peak	Vertical
	8250.5	34.1	12.9	47.0	74.0	-27.0	Peak	Vertical
*	9678.5	33.6	15.4	49.0	68.2	-19.2	Peak	Vertical
*	10341.5	32.5	17.3	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	46	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
	8157.0	34.1	13.3	47.4	74.0	-26.6	Peak	Horizontal
*	9916.5	32.1	16.6	48.7	68.2	-19.5	Peak	Horizontal
*	10324.5	32.3	17.3	49.6	68.2	-18.6	Peak	Horizontal
	7698.0	36.5	12.8	49.3	74.0	-24.7	Peak	Vertical
	8250.5	33.2	12.9	46.1	74.0	-27.9	Peak	Vertical
*	9814.5	32.6	16.4	49.0	68.2	-19.2	Peak	Vertical
*	10401.0	32.6	17.3	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	54	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647.0	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
	8276.0	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	10010.0	32.0	16.6	48.6	68.2	-19.6	Peak	Horizontal
*	10341.5	31.7	17.3	49.0	68.2	-19.2	Peak	Horizontal
	7570.5	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
	8165.5	33.6	13.3	46.9	74.0	-27.1	Peak	Vertical
*	9780.5	33.0	16.1	49.1	68.2	-19.1	Peak	Vertical
*	10239.5	31.8	17.2	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	62	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.5	12.9	47.4	74.0	-26.6	Peak	Horizontal
	8165.5	34.0	13.3	47.3	74.0	-26.7	Peak	Horizontal
*	9823.0	32.6	16.5	49.1	68.2	-19.1	Peak	Horizontal
*	10307.5	32.3	17.3	49.6	68.2	-18.6	Peak	Horizontal
	7596.0	35.7	12.8	48.5	74.0	-25.5	Peak	Vertical
	8199.5	34.1	13.1	47.2	74.0	-26.8	Peak	Vertical
*	9780.5	31.9	16.1	48.0	68.2	-20.2	Peak	Vertical
*	10180.0	31.9	17.1	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	102	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.1	12.9	47.0	74.0	-27.0	Peak	Horizontal
	8267.5	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
*	9814.5	31.9	16.4	48.3	68.2	-19.9	Peak	Horizontal
*	10231.0	32.1	17.1	49.2	68.2	-19.0	Peak	Horizontal
	7502.5	34.4	12.7	47.1	74.0	-26.9	Peak	Vertical
	8225.0	34.1	13.1	47.2	74.0	-26.8	Peak	Vertical
*	9908.0	32.8	16.6	49.4	68.2	-18.8	Peak	Vertical
*	10367.0	31.8	17.4	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	118	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
	8335.5	33.5	12.6	46.1	74.0	-27.9	Peak	Horizontal
*	9721.0	32.9	15.7	48.6	68.2	-19.6	Peak	Horizontal
*	10341.5	31.9	17.3	49.2	68.2	-19.0	Peak	Horizontal
	7502.5	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	8216.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	9857.0	32.3	16.7	49.0	68.2	-19.2	Peak	Vertical
*	10214.0	32.3	17.1	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	134	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
	8250.5	34.4	12.9	47.3	74.0	-26.7	Peak	Horizontal
*	9814.5	32.2	16.4	48.6	68.2	-19.6	Peak	Horizontal
*	10435.0	31.9	17.3	49.2	68.2	-19.0	Peak	Horizontal
	7579.0	35.1	12.8	47.9	74.0	-26.1	Peak	Vertical
	8131.5	33.5	13.4	46.9	74.0	-27.1	Peak	Vertical
*	9840.0	32.7	16.7	49.4	68.2	-18.8	Peak	Vertical
*	10307.5	32.9	17.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	142	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7723.5	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
	8225.0	34.4	13.1	47.5	74.0	-26.5	Peak	Horizontal
*	9763.5	32.3	16.2	48.5	68.2	-19.7	Peak	Horizontal
*	10256.5	32.1	17.2	49.3	68.2	-18.9	Peak	Horizontal
	7485.5	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical
	8165.5	34.6	13.3	47.9	74.0	-26.1	Peak	Vertical
*	9882.5	32.0	16.7	48.7	68.2	-19.5	Peak	Vertical
*	10307.5	32.8	17.3	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	151	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	34.9	12.9	47.8	74.0	-26.2	Peak	Horizontal
	8174.0	33.4	13.2	46.6	74.0	-27.4	Peak	Horizontal
*	9772.0	32.9	16.2	49.1	68.2	-19.1	Peak	Horizontal
*	10239.5	32.7	17.2	49.9	68.2	-18.3	Peak	Horizontal
	7375.0	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
	8131.5	34.5	13.4	47.9	74.0	-26.1	Peak	Vertical
*	9721.0	32.8	15.7	48.5	68.2	-19.7	Peak	Vertical
*	10290.5	32.2	17.2	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC2
Test Channel:	159	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
	8267.5	34.4	12.8	47.2	74.0	-26.8	Peak	Horizontal
*	9806.0	31.7	16.3	48.0	68.2	-20.2	Peak	Horizontal
*	10248.0	32.2	17.2	49.4	68.2	-18.8	Peak	Horizontal
	7494.0	35.8	12.7	48.5	74.0	-25.5	Peak	Vertical
	8165.5	33.9	13.3	47.2	74.0	-26.8	Peak	Vertical
*	9780.5	32.3	16.1	48.4	68.2	-19.8	Peak	Vertical
*	10222.5	32.5	17.1	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 1 + 2	Test Site:	AC2
Test Channel:	42	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
	8276.0	34.4	12.8	47.2	74.0	-26.8	Peak	Horizontal
*	9772.0	32.7	16.2	48.9	68.2	-19.3	Peak	Horizontal
*	10299.0	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7426.0	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
	8242.0	35.9	13.0	48.9	74.0	-25.1	Peak	Vertical
*	9670.0	33.9	15.4	49.3	68.2	-18.9	Peak	Vertical
*	10239.5	32.9	17.2	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 1 + 2	Test Site:	AC2
Test Channel:	58	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	36.1	12.9	49.0	74.0	-25.0	Peak	Horizontal
	8199.5	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	9848.5	32.4	16.7	49.1	68.2	-19.1	Peak	Horizontal
*	10180.0	32.4	17.1	49.5	68.2	-18.7	Peak	Horizontal
	7460.0	35.5	12.9	48.4	74.0	-25.6	Peak	Vertical
	8242.0	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
*	9636.0	33.0	15.5	48.5	68.2	-19.7	Peak	Vertical
*	10265.0	31.4	17.2	48.6	68.2	-19.6	Peak	Vertical

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

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

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