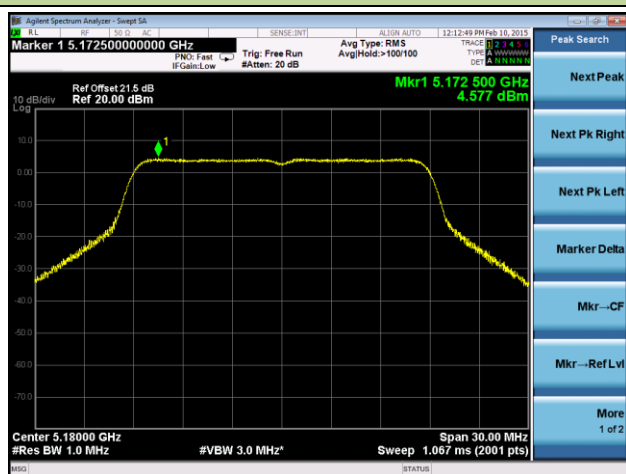## 802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
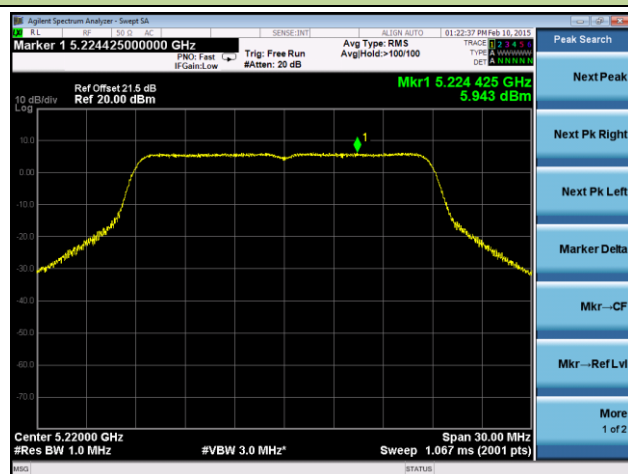
Channel 36 (5180MHz)	Channel 44 (5220MHz)

Channel 48 (5240MHz)	Channel 52 (5260MHz)

Channel 60 (5300MHz)	Channel 64 (5320MHz)

Channel 100 (5500MHz)

Channel 120 (5600MHz)

Channel 140 (5700MHz)
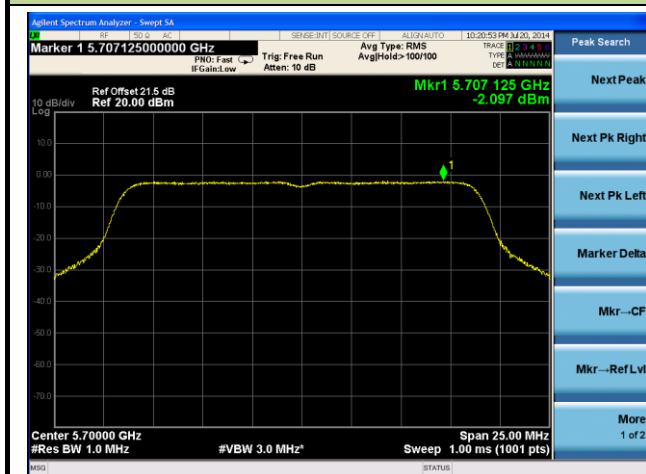
Channel 149 (5745MHz)
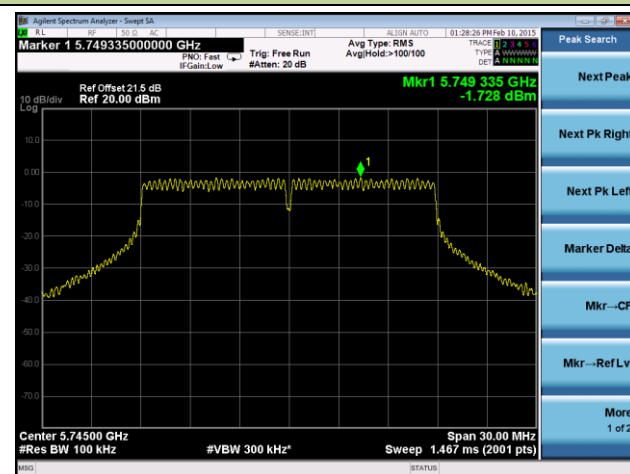
Channel 157 (5785MHz)
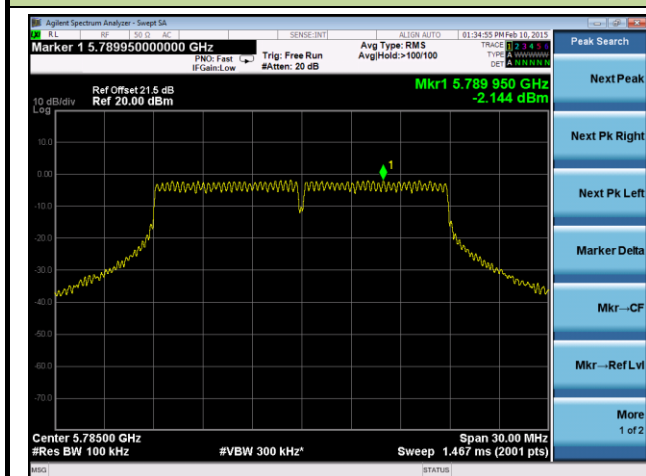
Channel 165 (5825MHz)
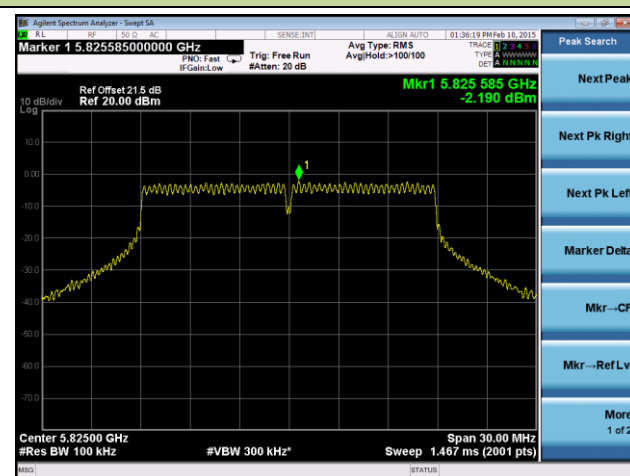
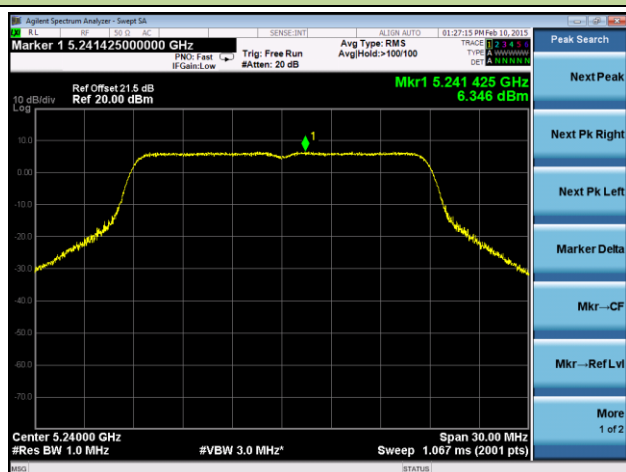## 802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
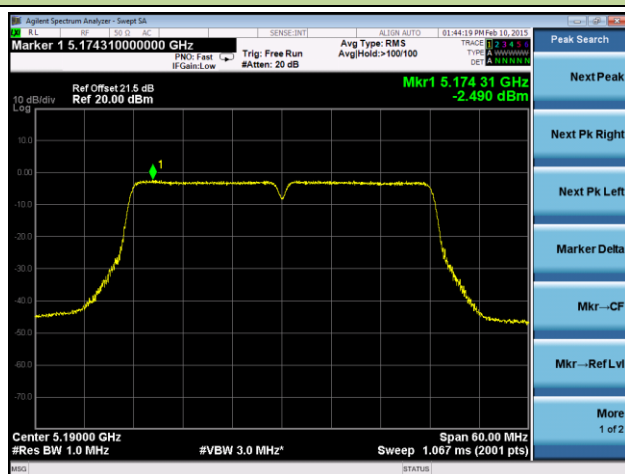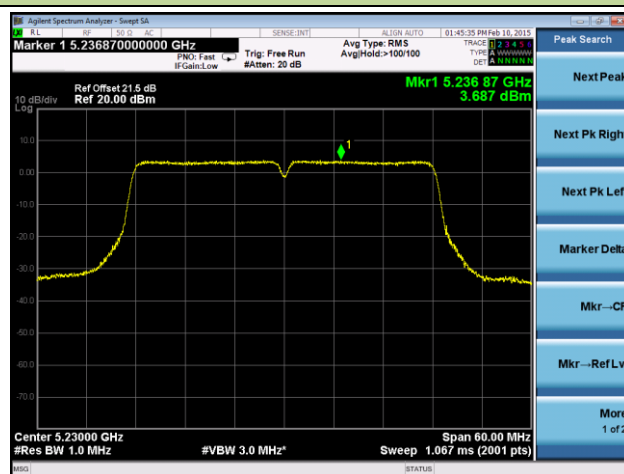
Channel 38 (5190MHz)

Channel 46 (5230MHz)

Channel 54 (5270MHz)
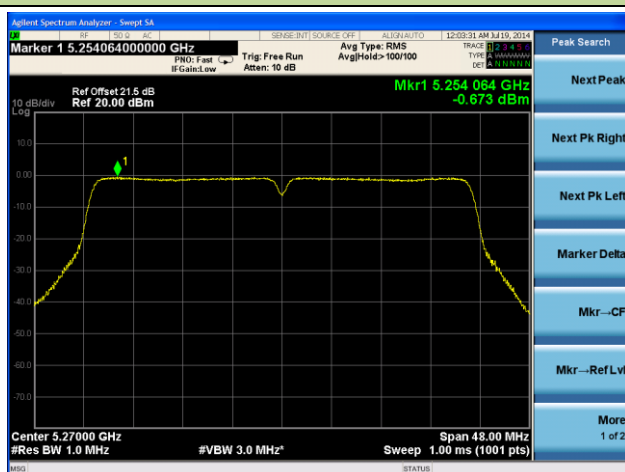
Channel 62 (5310MHz)
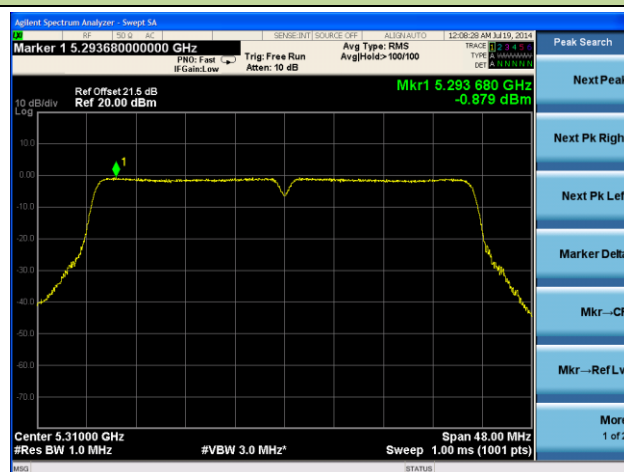
Channel 102 (5510MHz)
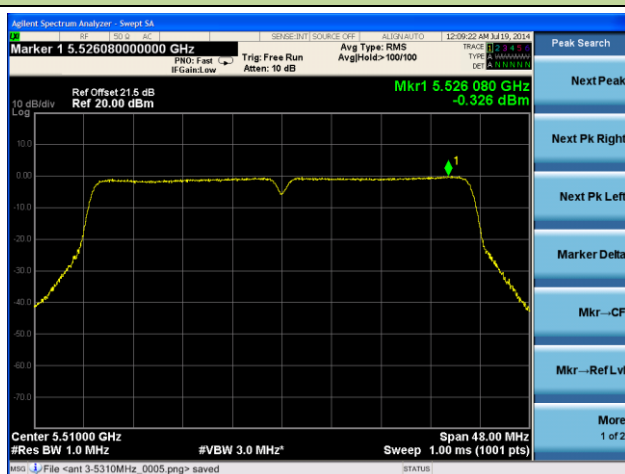
Channel 118 (5590MHz)
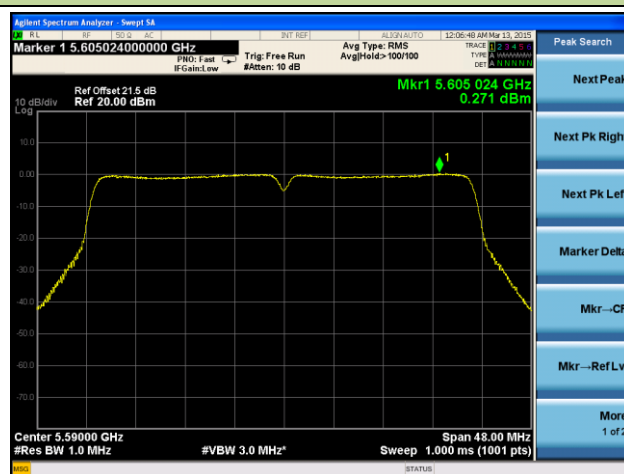
Channel 134 (5670MHz)	Channel 151 (5755MHz)
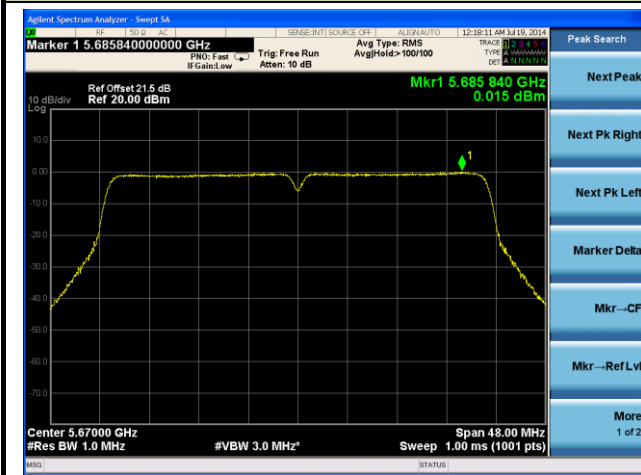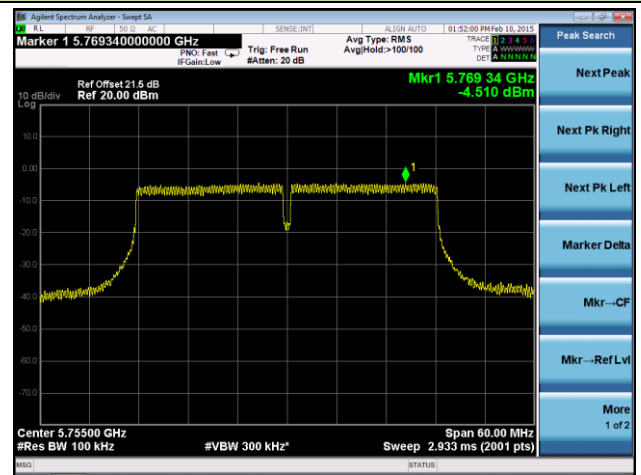
Channel 159 (5795MHz)	
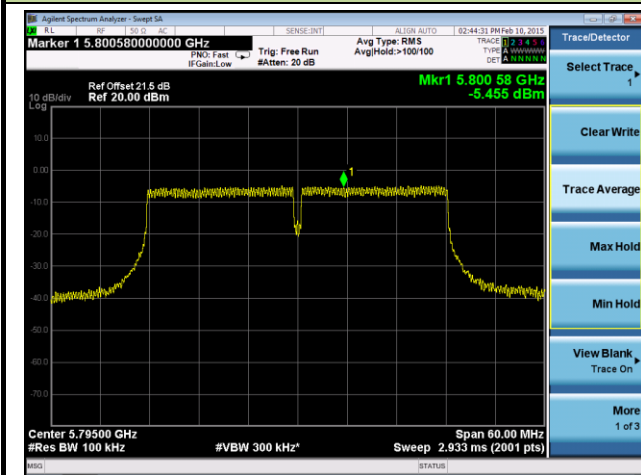
802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
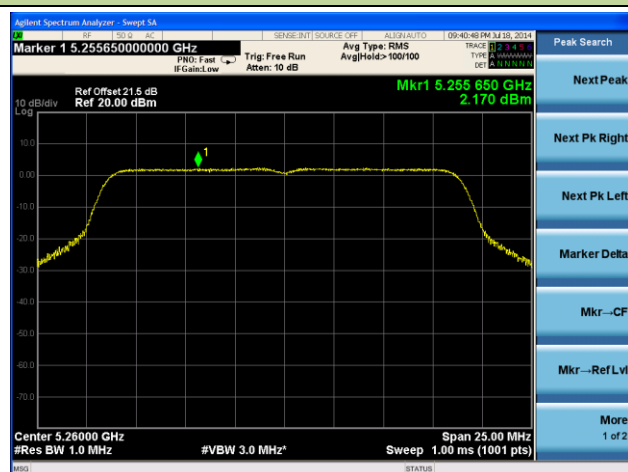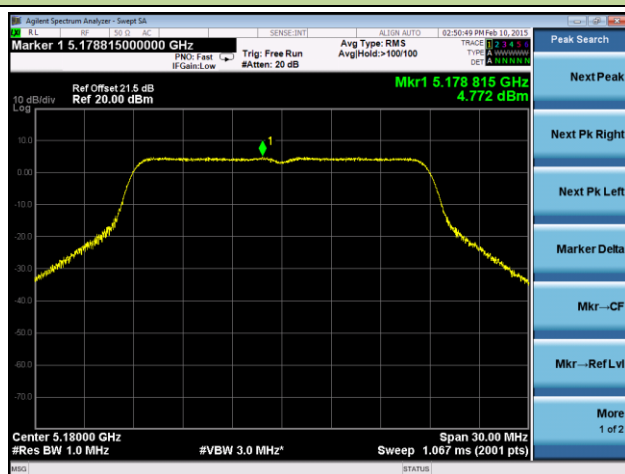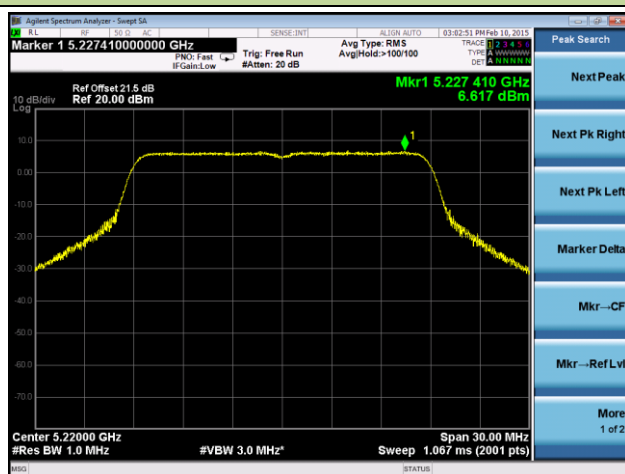
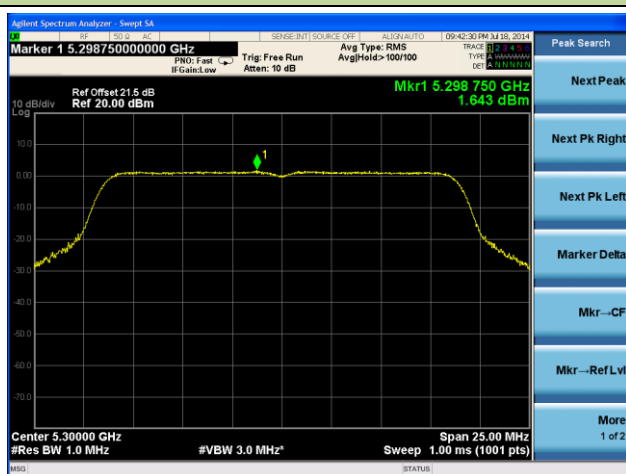### Channel 36 (5180MHz)

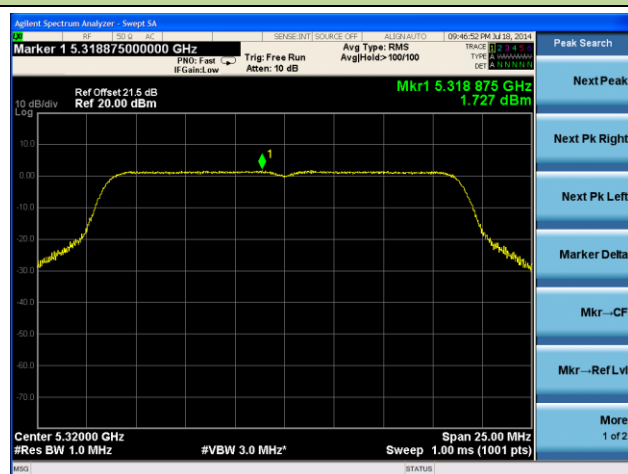### Channel 44 (5220MHz)

Channel 48 (5240MHz)
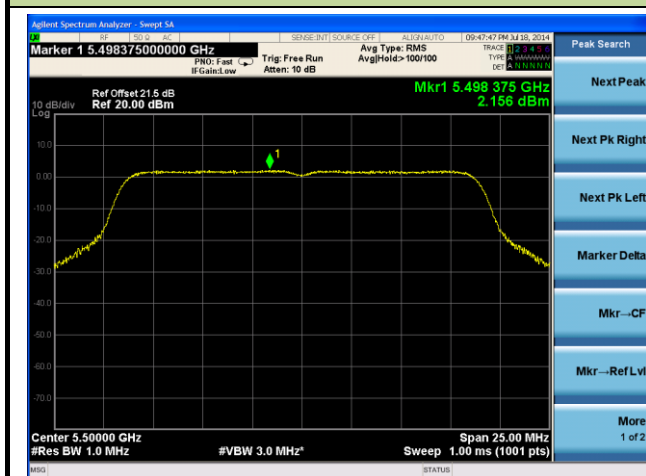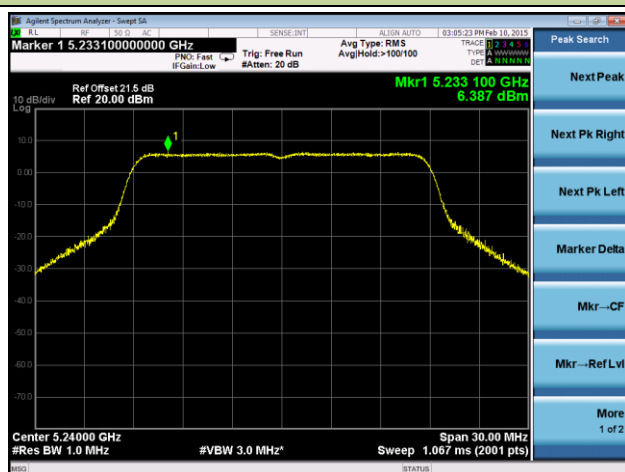

Channel 52 (5260MHz)
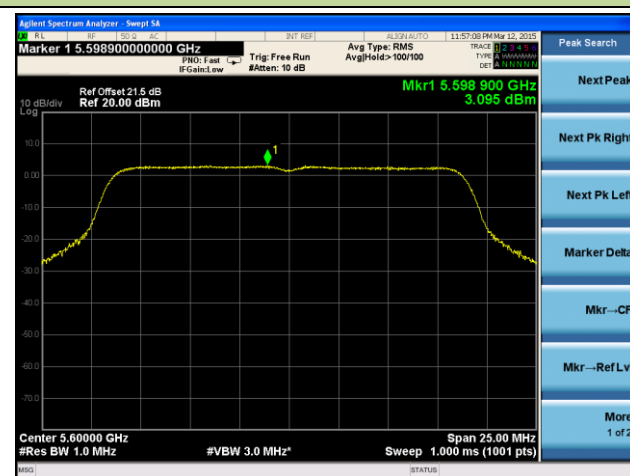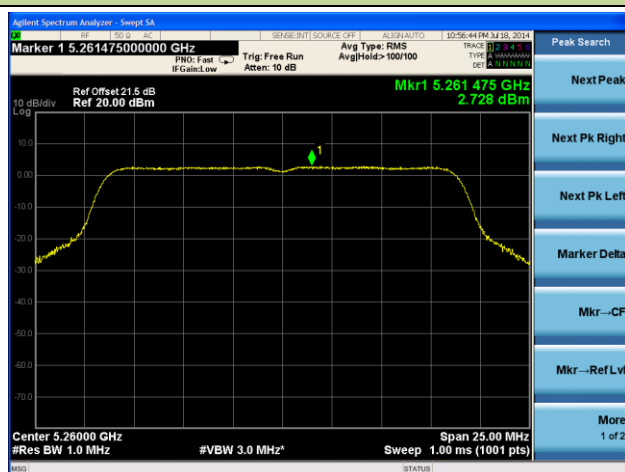

Channel 60 (5300MHz)
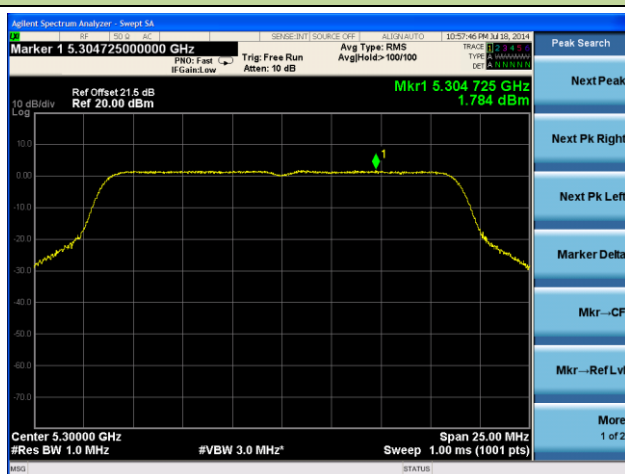
Channel 64 (5320MHz)
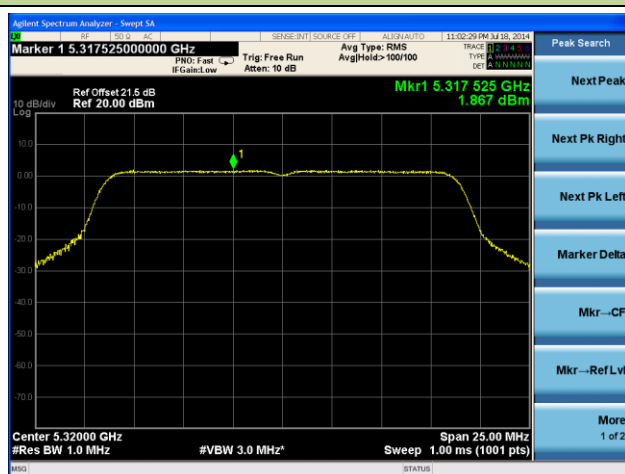
Channel 100 (5500MHz)
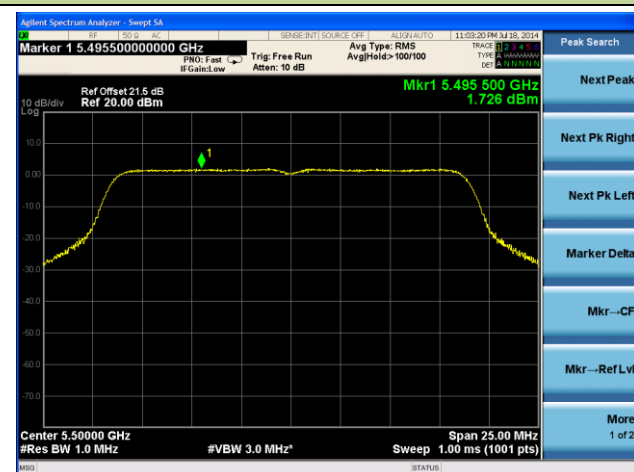
Channel 120 (5600MHz)
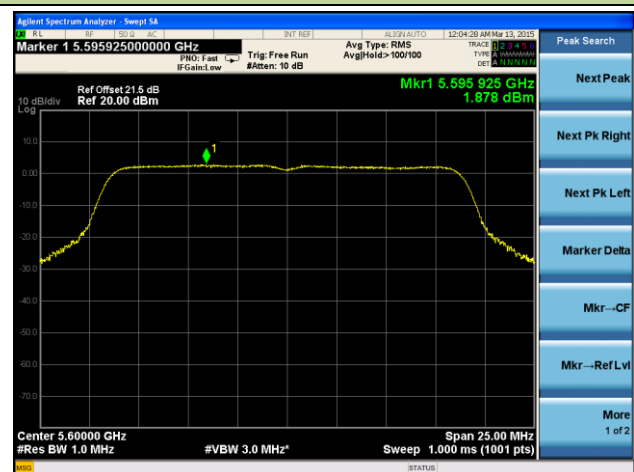
Channel 140 (5700MHz)
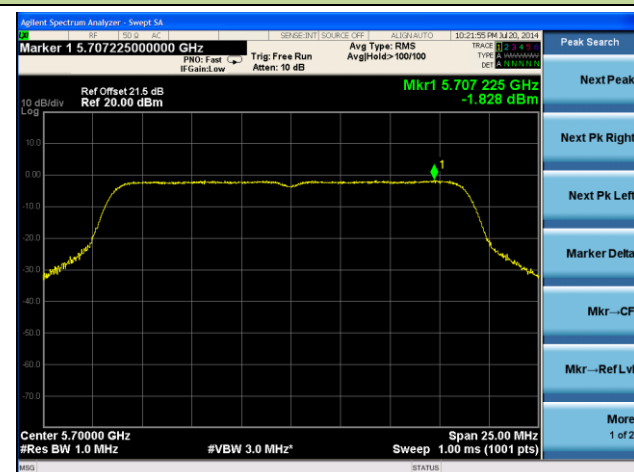
Channel 144 (5720MHz)
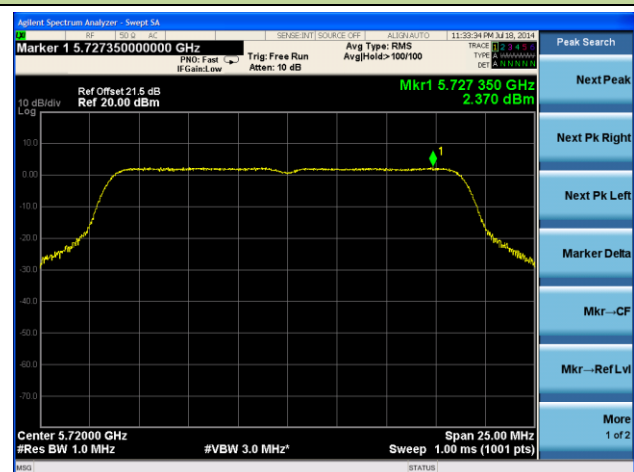
Channel 149 (5745MHz)
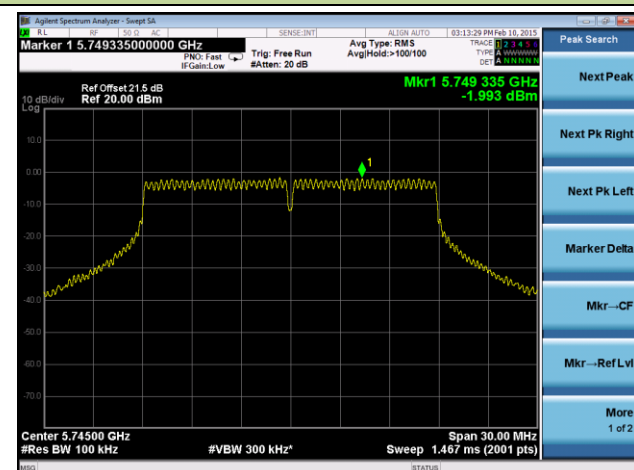
Channel 157 (5785MHz)
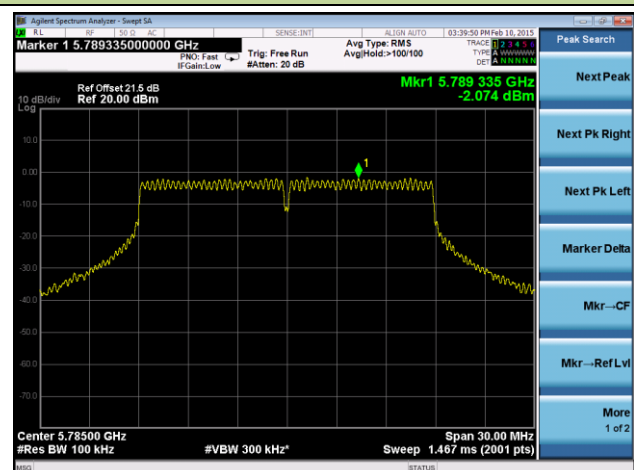
Channel 165 (5825MHz)	
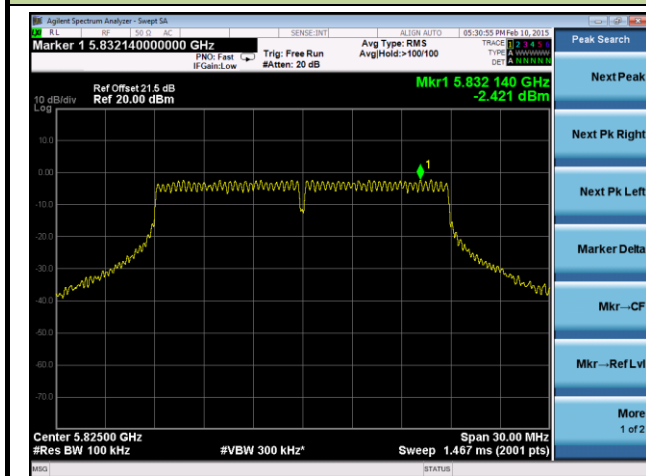
802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
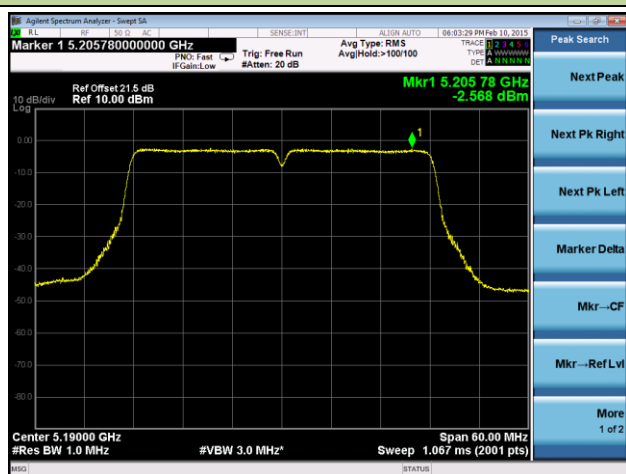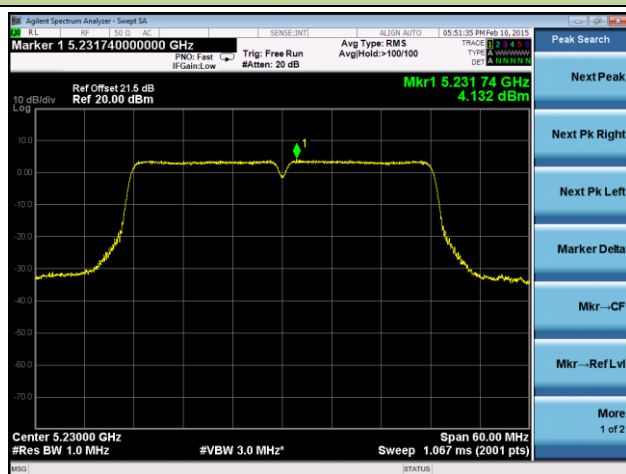
Channel 38 (5190MHz)	Channel 46 (5230MHz)
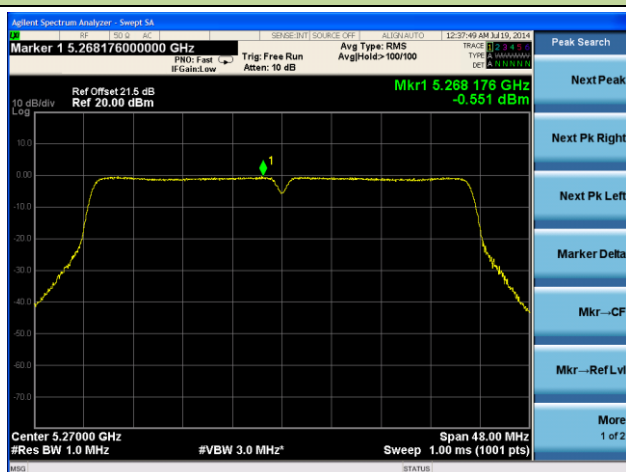
Channel 54 (5270MHz)	Channel 62 (5310MHz)
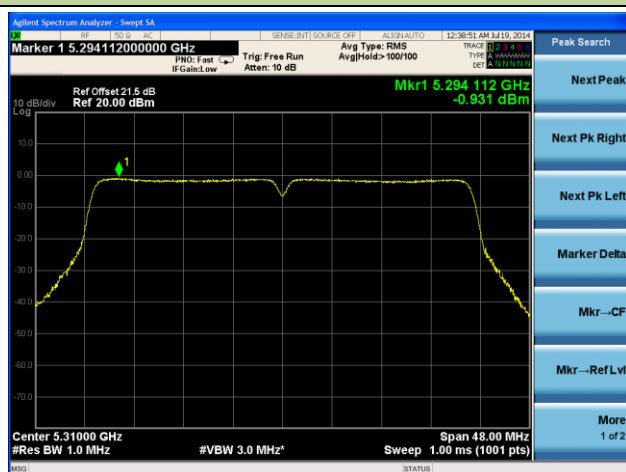
Channel 102 (5510MHz)	Channel 118 (5590MHz)
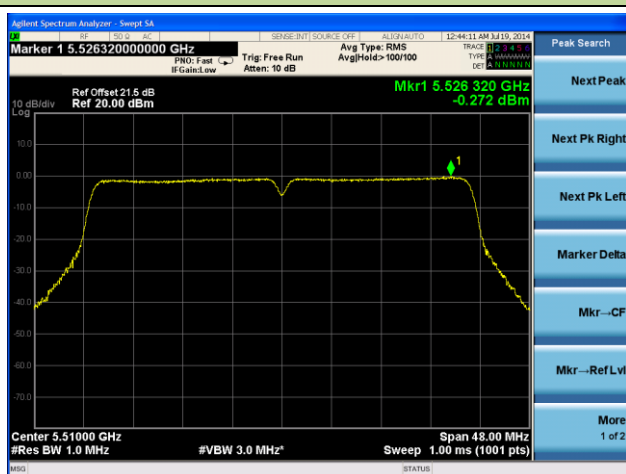
Channel 134 (5670MHz)
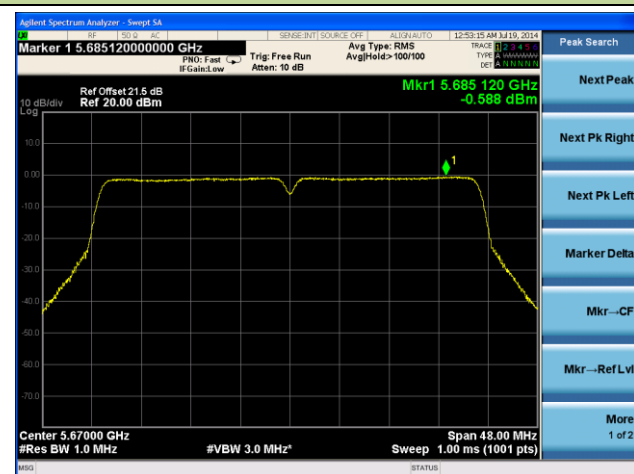
Channel 142 (5710MHz)
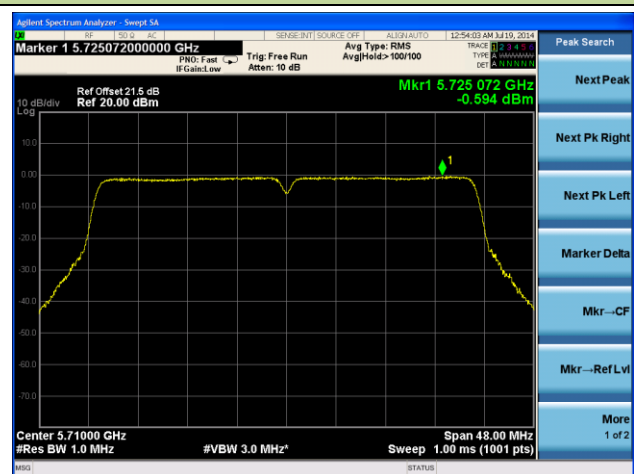
Channel 151 (5755MHz)
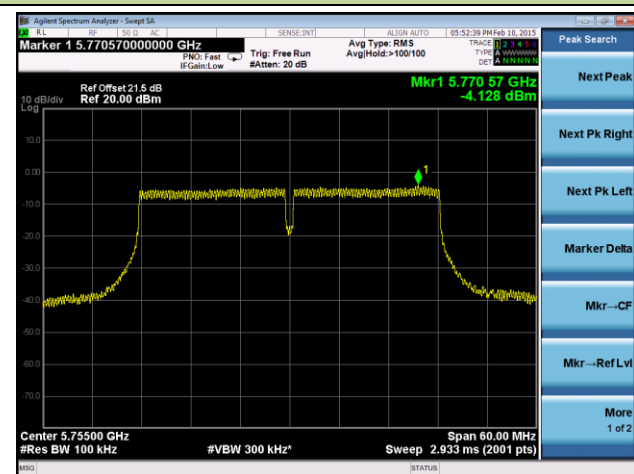
Channel 159 (5795MHz)
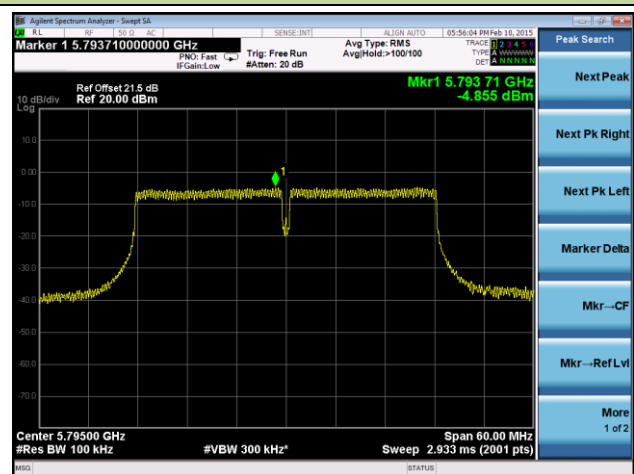
802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

Channel 42 (5210MHz)
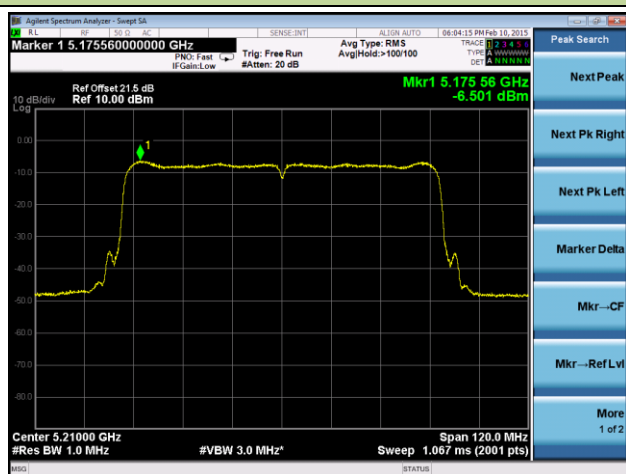
Channel 58 (5290MHz)
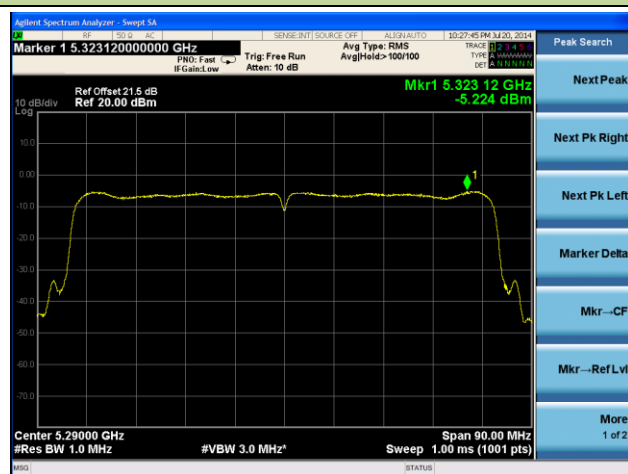
Channel 106 (5530MHz)
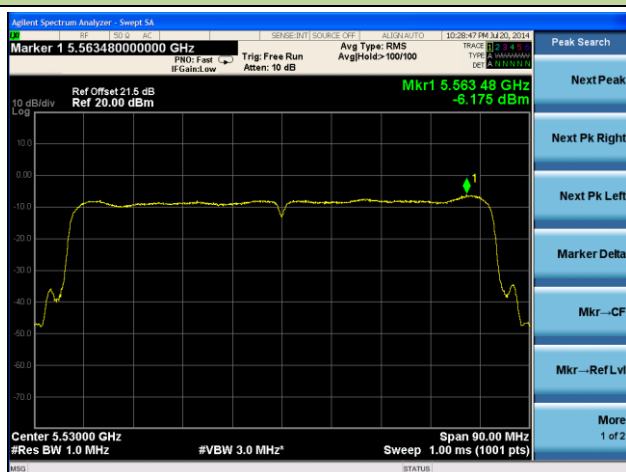
Channel 122 (5610MHz)

Channel 138 (5690MHz)
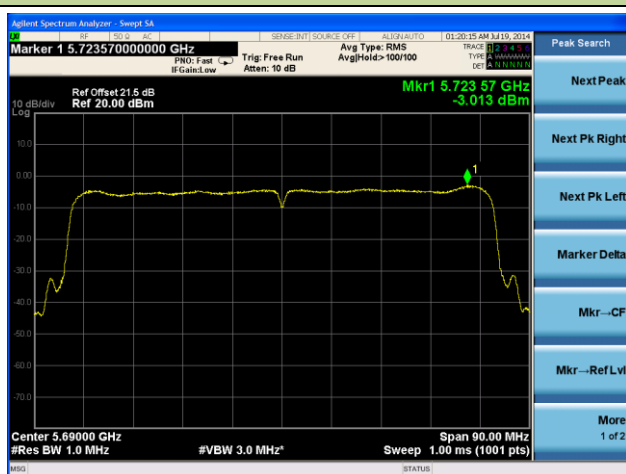
Channel 155 (5775MHz)
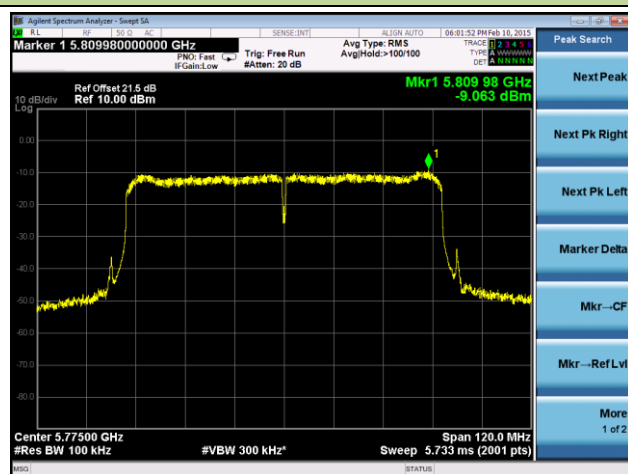
7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup
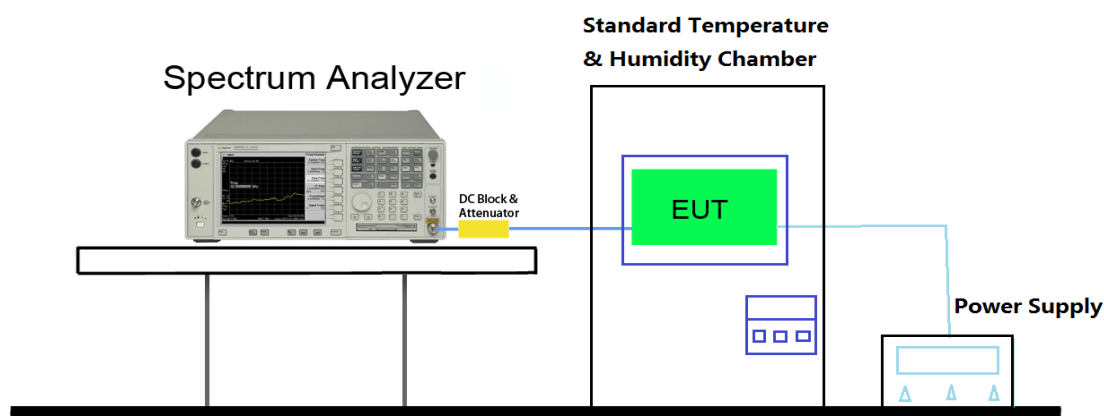
7.7.4. Test Result

Voltage (%)	Power (VAC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100%	120	+ 20 (Ref)	5300045680.830	31737.101	0.0000599
			5309993196.369	-14647.360	-0.0000276
			5290057031.295	49187.566	0.0000930
		- 10	5299988064.171	-19779.558	-0.0000373
			5310024078.459	16234.730	0.0000306
			5290036412.405	28568.676	0.0000540
		0	5300005894.852	-1948.877	-0.0000037
			5310011035.259	3191.530	0.0000060
			5289994949.504	-12894.225	-0.0000244
		+ 10	5300022672.911	14829.182	0.0000280
			5310021564.875	13721.146	0.0000258
			5289972680.301	-35163.428	-0.0000665
		+ 20	5299975680.830	-32162.899	-0.0000607
			5310043201.516	35357.787	0.0000666
			5290036124.414	28280.685	0.0000535
		+ 30	5299974722.997	-33120.732	-0.0000625
			5310025042.148	17198.419	0.0000324
			5290025162.997	17319.268	0.0000327
		+ 40	5300041958.941	34115.212	0.0000644
			5309986434.586	-21409.143	-0.0000403
			5290021321.405	13477.676	0.0000255
115%	138	+ 20	5300002767.985	-5075.744	-0.0000096
			5309998402.617	-9441.112	-0.0000178
			5290035561.274	27717.545	0.0000524
85%	102	+ 20	5300048625.193	40781.464	0.0000769
			5309996532.974	-11310.755	-0.0000213
			5289995128.334	-12715.395	-0.0000240

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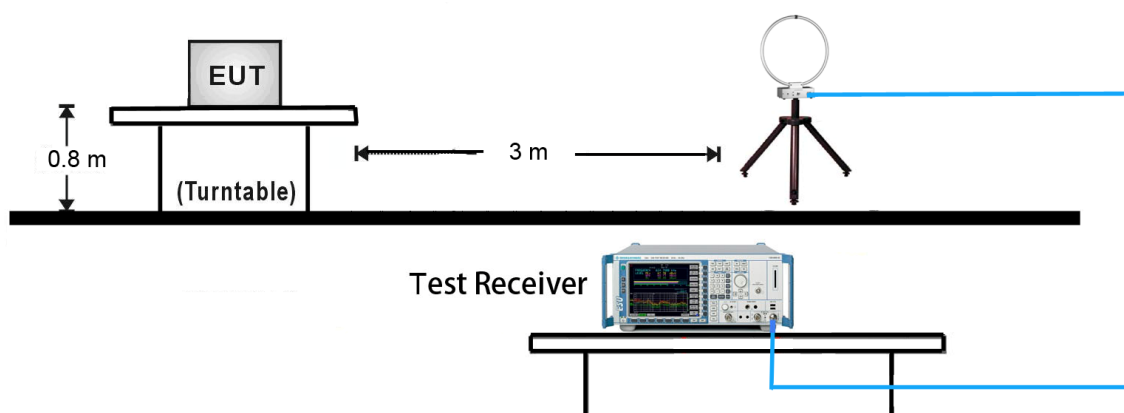
30MHz ~ 1GHz Test Setup:
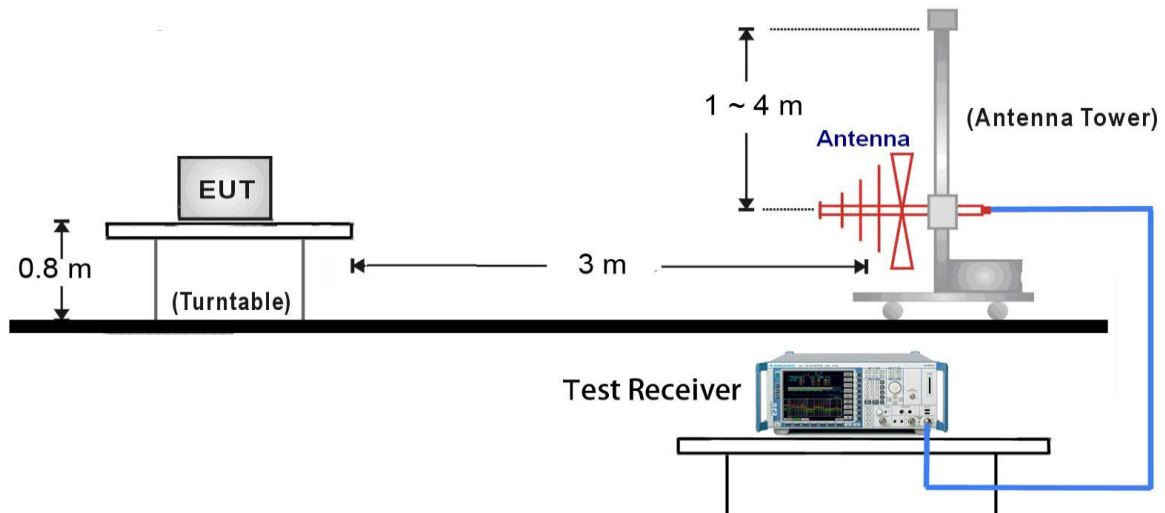
1GHz ~18GHz Test Setup:
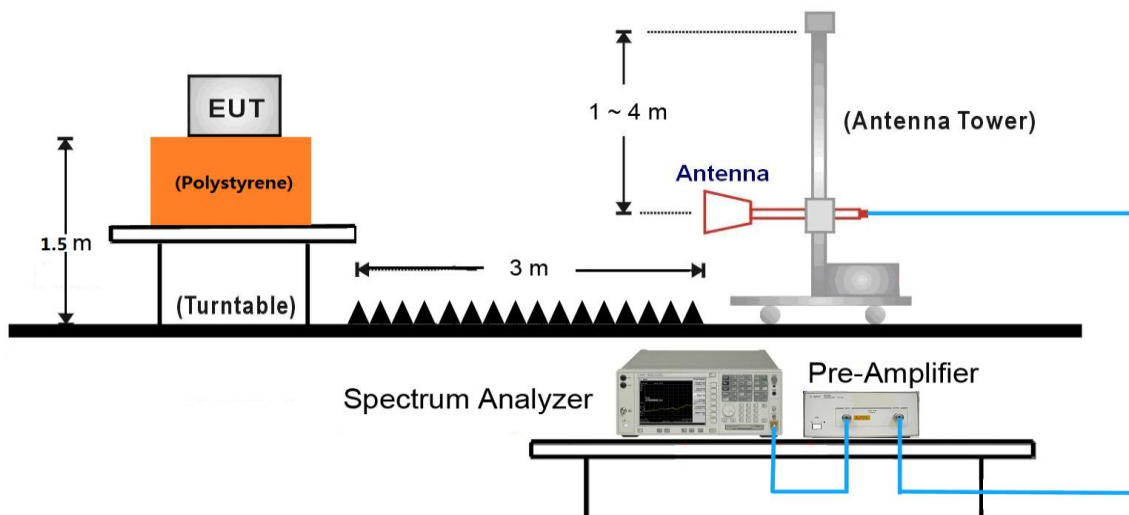
18GHz ~40GHz Test Setup:
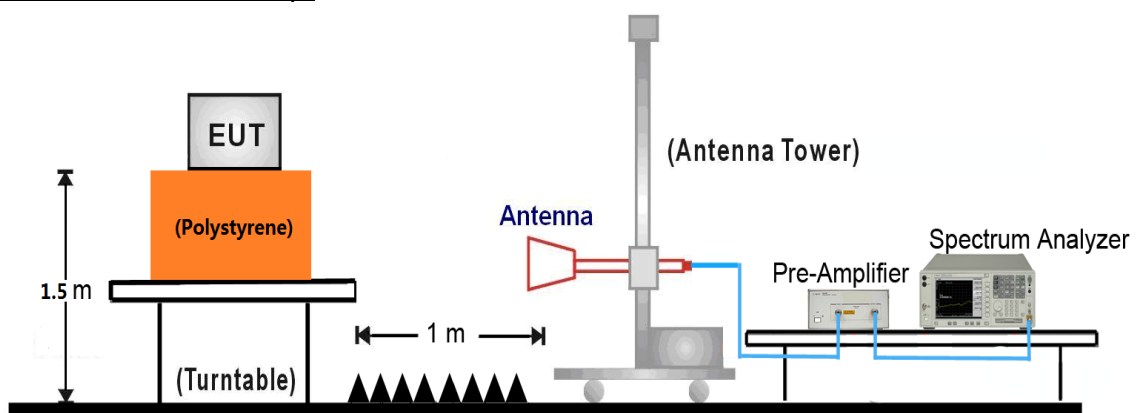
7.8.5. Test Result

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7356.7	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	10358.5	41.5	12.2	53.7	88.2	-34.5	Peak	Horizontal
	11526.7	36.7	12.7	49.4	74.0	-24.6	Peak	Horizontal
*	13426.7	36.0	13.6	49.6	88.2	-38.6	Peak	Horizontal
	8143.7	36.5	8.5	45.0	74.0	-29.0	Peak	Vertical
*	10358.5	45.7	12.2	57.9	88.2	-30.3	Peak	Vertical
	11523.7	36.5	12.7	49.2	74.0	-24.8	Peak	Vertical
*	12742.7	35.8	11.7	47.5	88.2	-40.7	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	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7625.7	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
*	10435.0	43.7	12.0	55.7	88.2	-32.5	Peak	Horizontal
	15657.5	30.1	12.0	42.1	54.0	-11.9	Average	Horizontal
	15662.5	45.2	12.0	57.2	74.0	-16.8	Peak	Horizontal
*	16253.7	38.1	12.7	50.8	88.2	-37.4	Peak	Horizontal
	7653.6	37.4	8.0	45.4	74.0	-28.6	Peak	Vertical
*	10443.5	46.5	12.0	58.5	88.2	-29.7	Peak	Vertical
	15654.0	41.5	12.0	53.5	74.0	-20.5	Peak	Vertical
*	16253.4	38.5	12.7	51.2	88.2	-37.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	9155.7	35.5	9.8	45.3	74.0	-28.7	Peak	Horizontal
*	10477.5	43.1	12.2	55.3	88.2	-32.9	Peak	Horizontal
	15719.6	30.5	11.8	42.3	54.0	-11.7	Average	Horizontal
	15722.0	44.7	11.8	56.5	74.0	-17.5	Peak	Horizontal
*	16253.4	38.5	12.7	51.2	88.2	-37.0	Peak	Horizontal
	7325.0	36.0	8.0	44.0	74.0	-30.0	Peak	Vertical
*	10477.5	47.7	12.2	59.9	88.2	-28.3	Peak	Vertical
	11425.9	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
*	12757.0	35.8	11.7	47.5	88.2	-40.7	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	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7046.5	36.5	13.1	49.6	88.2	-38.6	Peak	Horizontal
*	7832.5	36.5	15.1	51.6	88.2	-36.6	Peak	Horizontal
	9066.5	34.5	14.5	49.0	74.0	-25.0	Peak	Horizontal
	10809.0	34.2	18.2	52.4	74.0	-21.6	Peak	Horizontal
*	7016.5	37.5	12.9	50.4	88.2	-37.8	Peak	Vertical
*	7963.5	36.6	15.0	51.6	88.2	-36.6	Peak	Vertical
	9167.5	34.9	15.3	50.2	74.0	-23.8	Peak	Vertical
	10698.5	33.3	17.7	51.0	74.0	-23.0	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7113.5	37.0	13.4	50.4	88.2	-37.8	Peak	Horizontal
*	7864.5	35.6	15.0	50.6	88.2	-37.6	Peak	Horizontal
	9167.4	34.9	15.3	50.2	74.0	-23.8	Peak	Horizontal
	10613.5	34.1	17.8	51.9	74.0	-22.1	Peak	Horizontal
*	7110.5	36.7	13.4	50.1	88.2	-38.1	Peak	Vertical
*	7813.5	35.2	15.0	50.2	88.2	-38.0	Peak	Vertical
	9168.5	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical
	10622.0	33.7	17.9	51.6	74.0	-22.4	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7211.5	36.2	13.7	49.9	88.2	-38.3	Peak	Horizontal
*	7813.5	35.3	15.0	50.3	88.2	-37.9	Peak	Horizontal
	9113.5	34.4	14.7	49.1	74.0	-24.9	Peak	Horizontal
	10656.0	33.5	17.9	51.4	74.0	-22.6	Peak	Horizontal
*	7203.5	35.8	13.6	49.4	88.2	-38.8	Peak	Vertical
*	7901.5	35.1	15.0	50.1	88.2	-38.1	Peak	Vertical
	9364.4	36.4	15.3	51.7	74.0	-22.3	Peak	Vertical
	10690.0	33.2	17.6	50.8	74.0	-23.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7204.5	35.9	13.6	49.5	88.2	-38.7	Peak	Horizontal
*	7806.5	35.1	15.0	50.1	88.2	-38.1	Peak	Horizontal
	9106.5	34.2	14.7	48.9	74.0	-25.1	Peak	Horizontal
	10622.0	33.7	17.9	51.6	74.0	-22.4	Peak	Horizontal
*	7211.5	36.2	13.7	49.9	88.2	-38.3	Peak	Vertical
*	7861.5	35.2	15.1	50.3	88.2	-37.9	Peak	Vertical
	9168.5	35.5	15.3	50.8	74.0	-23.2	Peak	Vertical
	10707.0	33.8	17.7	51.5	74.0	-22.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7022.5	35.4	12.9	48.3	88.2	-39.9	Peak	Horizontal
*	7753.7	34.1	14.8	48.9	88.2	-39.3	Peak	Horizontal
	9153.6	34.8	15.3	50.1	74.0	-23.9	Peak	Horizontal
	10625.5	35.9	17.9	53.8	74.0	-20.2	Peak	Horizontal
*	7026.7	35.0	12.9	47.9	88.2	-40.3	Peak	Vertical
*	7759.6	33.2	14.8	48.0	88.2	-40.2	Peak	Vertical
	9173.5	35.4	15.3	50.7	74.0	-23.3	Peak	Vertical
	12503.5	33.9	19.7	53.6	74.0	-20.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7149.7	34.1	13.5	47.6	88.2	-40.6	Peak	Horizontal
*	7762.4	33.2	14.8	48.0	88.2	-40.2	Peak	Horizontal
	9153.6	34.7	15.3	50.0	74.0	-24.0	Peak	Horizontal
	11812.0	33.2	19.3	52.5	74.0	-21.5	Peak	Horizontal
*	7149.8	34.3	13.5	47.8	88.2	-40.4	Peak	Vertical
*	7754.8	33.5	14.8	48.3	88.2	-39.9	Peak	Vertical
	9173.6	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical
	12430.5	34.2	19.4	53.6	74.0	-20.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7326.4	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	9245.9	36.0	10.2	46.2	88.2	-42.0	Peak	Horizontal
	11488.1	31.1	12.8	43.9	54.0	-10.1	Average	Horizontal
	11489.0	41.7	12.8	54.5	74.0	-19.5	Peak	Horizontal
*	17235.0	46.3	15.9	62.2	88.2	-26.0	Peak	Horizontal
	7324.2	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
*	9243.7	35.7	10.2	45.9	88.2	-42.3	Peak	Vertical
	11489.0	39.6	12.8	52.4	74.0	-21.6	Peak	Vertical
*	17235.0	41.2	15.9	57.1	88.2	-31.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7325.2	35.8	8.0	43.8	74.0	-30.2	Peak	Horizontal
*	9253.4	36.5	10.2	46.7	88.2	-41.5	Peak	Horizontal
	11565.5	41.0	12.7	53.7	74.0	-20.3	Peak	Horizontal
*	17354.0	45.9	16.9	62.8	88.2	-25.4	Peak	Horizontal
	7314.3	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
*	9276.0	35.2	10.3	45.5	88.2	-42.7	Peak	Vertical
	11565.5	40.3	12.7	53.0	74.0	-21.0	Peak	Vertical
*	17345.5	40.3	16.8	57.1	88.2	-31.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.9	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	9286.5	35.2	10.3	45.5	88.2	-42.7	Peak	Horizontal
	11650.5	41.1	12.3	53.4	74.0	-20.6	Peak	Horizontal
*	17473.0	44.8	17.2	62.0	88.2	-26.2	Peak	Horizontal
	7359.7	37.2	8.0	45.2	74.0	-28.8	Peak	Vertical
*	9248.0	35.7	10.2	45.9	88.2	-42.3	Peak	Vertical
	11650.3	31.0	12.3	43.3	54.0	-10.7	Average	Vertical
	11650.5	41.8	12.3	54.1	74.0	-19.9	Peak	Vertical
*	17473.0	41.5	17.2	58.7	88.2	-29.5	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-HT20	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9452.4	35.7	10.5	46.2	74.0	-27.8	Peak	Horizontal
*	10358.5	42.0	12.2	54.2	88.2	-34.0	Peak	Horizontal
	15543.5	40.6	12.2	52.8	74.0	-21.2	Peak	Horizontal
*	16253.8	38.1	12.7	50.8	88.2	-37.4	Peak	Horizontal
	9142.6	34.9	9.8	44.7	74.0	-29.3	Peak	Vertical
*	10367.0	44.4	12.2	56.6	88.2	-31.6	Peak	Vertical
	11523.9	36.8	12.7	49.5	74.0	-24.5	Peak	Vertical
*	12747.0	36.1	11.7	47.8	88.2	-40.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	9142.4	35.1	9.8	44.9	74.0	-29.1	Peak	Horizontal
*	10435.0	44.8	12.0	56.8	88.2	-31.4	Peak	Horizontal
	15660.3	30.3	12.0	42.3	54.0	-11.7	Average	Horizontal
	15662.5	43.7	12.0	55.7	74.0	-18.3	Peak	Horizontal
*	16254.0	38.5	12.7	51.2	88.2	-37.0	Peak	Horizontal
	9452.7	35.7	10.5	46.2	74.0	-27.8	Peak	Vertical
*	10443.5	45.7	12.0	57.7	88.2	-30.5	Peak	Vertical
	11592.7	36.3	12.6	48.9	74.0	-25.1	Peak	Vertical
*	12748.9	35.4	11.7	47.1	88.2	-41.1	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	9472.5	35.1	10.5	45.6	74.0	-28.4	Peak	Horizontal
*	10477.5	46.4	12.2	58.6	88.2	-29.6	Peak	Horizontal
	15713.5	44.0	11.8	55.8	74.0	-18.2	Peak	Horizontal
	15713.7	30.5	11.8	42.3	54.0	-11.7	Average	Horizontal
*	16285.7	38.1	12.8	50.9	88.2	-37.3	Peak	Horizontal
	9453.7	35.7	10.5	46.2	74.0	-27.8	Peak	Vertical
*	10477.5	46.2	12.2	58.4	88.2	-29.8	Peak	Vertical
	11475.3	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	14562.4	35.6	15.6	51.2	88.2	-37.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7146.7	34.7	13.5	48.2	88.2	-40.0	Peak	Horizontal
*	8512.5	34.9	14.6	49.5	88.2	-38.7	Peak	Horizontal
	9173.7	34.9	15.3	50.2	74.0	-23.8	Peak	Horizontal
	11276.5	34.1	18.8	52.9	74.0	-21.1	Peak	Horizontal
*	7025.6	36.0	12.9	48.9	88.2	-39.3	Peak	Vertical
*	7753.7	33.5	14.8	48.3	88.2	-39.9	Peak	Vertical
	9183.8	34.9	15.3	50.2	74.0	-23.8	Peak	Vertical
	11276.5	33.7	18.8	52.5	74.0	-21.5	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	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7024.7	35.2	12.9	48.1	88.2	-40.1	Peak	Horizontal
*	8512.7	35.2	14.6	49.8	88.2	-38.4	Peak	Horizontal
	9153.7	35.9	15.3	51.2	74.0	-22.8	Peak	Horizontal
	11820.5	33.3	19.3	52.6	74.0	-21.4	Peak	Horizontal
*	7025.7	35.4	12.9	48.3	88.2	-39.9	Peak	Vertical
*	7759.7	33.8	14.8	48.6	88.2	-39.6	Peak	Vertical
	9153.7	35.7	15.3	51.0	74.0	-23.0	Peak	Vertical
	12067.0	33.6	19.2	52.8	74.0	-21.2	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	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7015.5	35.5	12.8	48.3	88.2	-39.9	Peak	Horizontal
*	8513.5	34.8	14.6	49.4	88.2	-38.8	Peak	Horizontal
	9125.5	34.7	14.9	49.6	74.0	-24.4	Peak	Horizontal
	11803.5	33.4	19.3	52.7	74.0	-21.3	Peak	Horizontal
*	7023.6	35.6	12.9	48.5	88.2	-39.7	Peak	Vertical
*	8513.7	35.8	14.6	50.4	88.2	-37.8	Peak	Vertical
	9173.5	34.9	15.3	50.2	74.0	-23.8	Peak	Vertical
	11803.5	32.6	19.3	51.9	74.0	-22.1	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	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7140.6	34.4	13.5	47.9	88.2	-40.3	Peak	Horizontal
*	8514.7	34.2	14.6	48.8	88.2	-39.4	Peak	Horizontal
	9143.8	34.9	15.2	50.1	74.0	-23.9	Peak	Horizontal
	11854.5	33.0	19.5	52.5	74.0	-21.5	Peak	Horizontal
*	7145.5	33.7	13.5	47.2	88.2	-41.0	Peak	Vertical
*	8672.8	34.4	14.8	49.2	88.2	-39.0	Peak	Vertical
	9341.6	35.5	15.4	50.9	74.0	-23.1	Peak	Vertical
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7173.4	34.0	13.6	47.6	88.2	-40.6	Peak	Horizontal
*	8749.6	34.9	14.6	49.5	88.2	-38.7	Peak	Horizontal
	9348.7	35.2	15.4	50.6	74.0	-23.4	Peak	Horizontal
	12424.0	34.2	19.2	53.4	74.0	-20.6	Peak	Horizontal
*	7025.6	35.9	12.9	48.8	88.2	-39.4	Peak	Vertical
*	8671.6	34.4	14.8	49.2	88.2	-39.0	Peak	Vertical
	9472.7	35.9	15.4	51.3	74.0	-22.7	Peak	Vertical
	11803.5	32.8	19.3	52.1	74.0	-21.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7218.5	34.0	13.7	47.7	88.2	-40.5	Peak	Horizontal
*	8647.6	34.6	14.8	49.4	88.2	-38.8	Peak	Horizontal
	9471.1	35.3	15.4	50.7	74.0	-23.3	Peak	Horizontal
	12568.5	33.3	20.0	53.3	74.0	-20.7	Peak	Horizontal
*	7149.9	34.5	13.5	48.0	88.2	-40.2	Peak	Vertical
*	8571.6	34.2	14.5	48.7	88.2	-39.5	Peak	Vertical
	9471.5	35.7	15.4	51.1	74.0	-22.9	Peak	Vertical
	11803.5	32.7	19.3	52.0	74.0	-22.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7342.5	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	9658.4	34.8	11.0	45.8	88.2	-42.4	Peak	Horizontal
	11489.0	42.3	12.8	55.1	74.0	-18.9	Peak	Horizontal
	11490.4	32.5	12.8	45.3	54.0	-8.7	Average	Horizontal
*	17243.5	44.4	16.0	60.4	88.2	-27.8	Peak	Horizontal
	7356.7	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	9572.7	34.3	10.9	45.2	88.2	-43.0	Peak	Vertical
	11489.0	39.5	12.8	52.3	74.0	-21.7	Peak	Vertical
*	17235.0	40.1	15.9	56.0	88.2	-32.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7348.6	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	9652.9	34.6	11.0	45.6	88.2	-42.6	Peak	Horizontal
	11565.3	30.0	12.7	42.7	54.0	-11.3	Average	Horizontal
	11565.5	42.1	12.7	54.8	74.0	-19.2	Peak	Horizontal
*	17354.0	46.3	16.9	63.2	88.2	-25.0	Peak	Horizontal
	7356.2	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	8653.3	36.6	8.8	45.4	88.2	-42.8	Peak	Vertical
	11565.5	39.7	12.7	52.4	74.0	-21.6	Peak	Vertical
*	12746.3	35.3	11.7	47.0	88.2	-41.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7352.2	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	9658.3	34.9	11.0	45.9	88.2	-42.3	Peak	Horizontal
	11650.5	43.6	12.3	55.9	74.0	-18.1	Peak	Horizontal
*	17490.0	44.4	17.4	61.8	88.2	-26.4	Peak	Horizontal
	7328.6	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	9653.3	34.4	11.0	45.4	88.2	-42.8	Peak	Vertical
	11650.5	40.0	12.3	52.3	74.0	-21.7	Peak	Vertical
*	17473.0	42.2	17.2	59.4	88.2	-28.8	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:	802.11n-HT40	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7325.2	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
*	9253.4	35.3	10.2	45.5	88.2	-42.7	Peak	Horizontal
	11423.7	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
*	13527.0	34.5	13.8	48.3	88.2	-39.9	Peak	Horizontal
	7315.0	35.3	8.0	43.3	74.0	-30.7	Peak	Vertical
*	8653.4	35.7	8.8	44.5	88.2	-43.7	Peak	Vertical
	11426.4	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
*	13485.3	34.6	13.7	48.3	88.2	-39.9	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-HT40	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7352.7	35.3	8.0	43.3	74.0	-30.7	Peak	Horizontal
*	10452.0	41.3	12.0	53.3	88.2	-34.9	Peak	Horizontal
	11426.4	34.2	12.6	46.8	74.0	-27.2	Peak	Horizontal
*	15679.5	41.6	11.9	53.5	88.2	-34.7	Peak	Horizontal
	7326.4	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	10460.5	41.8	12.1	53.9	88.2	-34.3	Peak	Vertical
	11483.7	34.7	12.7	47.4	74.0	-26.6	Peak	Vertical
*	13458.4	34.7	13.7	48.4	88.2	-39.8	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	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7183.6	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
*	8672.6	34.2	14.8	49.0	88.2	-39.2	Peak	Horizontal
	9173.5	35.2	15.3	50.5	74.0	-23.5	Peak	Horizontal
	11795.0	33.3	19.4	52.7	74.0	-21.3	Peak	Horizontal
*	7102.5	34.6	13.4	48.0	88.2	-40.2	Peak	Vertical
*	8512.5	34.4	14.6	49.0	88.2	-39.2	Peak	Vertical
	9373.6	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical
	11803.5	32.8	19.3	52.1	74.0	-21.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7002.7	35.2	12.7	47.9	88.2	-40.3	Peak	Horizontal
*	8536.5	34.8	14.5	49.3	88.2	-38.9	Peak	Horizontal
	9402.9	35.6	15.4	51.0	74.0	-23.0	Peak	Horizontal
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Horizontal
*	7002.5	34.8	12.7	47.5	88.2	-40.7	Peak	Vertical
*	8635.8	34.0	14.8	48.8	88.2	-39.4	Peak	Vertical
	9482.5	35.0	15.4	50.4	74.0	-23.6	Peak	Vertical
	11803.5	33.4	19.3	52.7	74.0	-21.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7155.7	34.2	13.6	47.8	88.2	-40.4	Peak	Horizontal
*	8615.5	33.4	14.8	48.2	88.2	-40.0	Peak	Horizontal
	9412.5	35.3	15.5	50.8	74.0	-23.2	Peak	Horizontal
	11013.0	38.1	18.8	56.9	74.0	-17.1	Peak	Horizontal
	11020.0	25.7	18.8	44.5	54.0	-9.5	Average	Vertical
*	7125.7	34.7	13.5	48.2	88.2	-40.0	Peak	Vertical
*	8512.7	35.1	14.6	49.7	88.2	-38.5	Peak	Vertical
	9105.4	34.5	14.6	49.1	74.0	-24.9	Peak	Vertical
	11803.5	33.2	19.3	52.5	74.0	-21.5	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	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7145.7	34.5	13.5	48.0	88.2	-40.2	Peak	Horizontal
*	8512.1	34.7	14.6	49.3	88.2	-38.9	Peak	Horizontal
	9473.5	35.8	15.4	51.2	74.0	-22.8	Peak	Horizontal
	11276.5	33.6	18.8	52.4	74.0	-21.6	Peak	Horizontal
*	7025.6	35.2	12.9	48.1	88.2	-40.1	Peak	Vertical
*	8524.9	34.3	14.6	48.9	88.2	-39.3	Peak	Vertical
	9483.5	36.6	15.4	52.0	74.0	-22.0	Peak	Vertical
	11812.0	33.1	19.3	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7202.4	34.1	13.6	47.7	88.2	-40.5	Peak	Horizontal
*	8536.5	33.7	14.5	48.2	88.2	-40.0	Peak	Horizontal
	9472.7	35.9	15.4	51.3	74.0	-22.7	Peak	Horizontal
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Horizontal
*	7146.5	34.2	13.5	47.7	88.2	-40.5	Peak	Vertical
*	8573.5	33.6	14.5	48.1	88.2	-40.1	Peak	Vertical
	9174.4	35.4	15.3	50.7	74.0	-23.3	Peak	Vertical
	12067.0	33.8	19.2	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.

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7356.4	35.6	8.0	43.583	74.0	-30.4	Peak	Horizontal
*	8656.3	35.7	8.8	44.570	88.2	-43.6	Peak	Horizontal
	11453.6	34.9	12.7	47.597	74.0	-26.4	Peak	Horizontal
*	12763.2	35.7	11.7	47.354	88.2	-40.8	Peak	Horizontal
	7326.7	35.9	8.0	43.991	74.0	-30.0	Peak	Vertical
*	8653.7	35.9	8.8	44.681	88.2	-43.5	Peak	Vertical
	11458.6	35.1	12.7	47.812	74.0	-26.2	Peak	Vertical
*	12763.7	35.2	11.7	46.909	88.2	-41.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7356.4	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	9472.4	34.7	10.5	45.2	88.2	-43.0	Peak	Horizontal
	11591.0	39.0	12.6	51.6	74.0	-22.4	Peak	Horizontal
*	17396.5	41.3	17.1	58.4	88.2	-29.8	Peak	Horizontal
	7352.7	36.4	8.0	44.4	74.0	-29.6	Peak	Vertical
*	8653.5	35.6	8.8	44.4	88.2	-43.8	Peak	Vertical
	11463.6	35.7	12.7	48.4	74.0	-25.6	Peak	Vertical
*	13479.2	34.8	13.7	48.5	88.2	-39.7	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	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7352.7	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	10358.5	42.0	12.2	54.2	88.2	-34.0	Peak	Horizontal
	11569.7	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
*	15543.5	41.5	12.2	53.7	88.2	-34.5	Peak	Horizontal
	7356.4	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	10367.0	45.0	12.2	57.2	88.2	-31.0	Peak	Vertical
	11498.4	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	13475.3	34.3	13.7	48.0	88.2	-40.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7358.9	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	10435.0	43.1	12.0	55.1	88.2	-33.1	Peak	Horizontal
	11576.4	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
*	15654.0	45.0	12.0	57.0	88.2	-31.2	Peak	Horizontal
	7358.4	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	10443.5	43.7	12.0	55.7	88.2	-32.5	Peak	Vertical
	11493.4	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	13483.6	34.6	13.7	48.3	88.2	-39.9	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7348.3	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
*	10477.5	42.7	12.2	54.9	88.2	-33.3	Peak	Horizontal
	11498.6	35.1	12.8	47.9	74.0	-26.1	Peak	Horizontal
*	15722.0	44.4	11.8	56.2	88.2	-32.0	Peak	Horizontal
	7384.6	35.8	7.9	43.7	74.0	-30.3	Peak	Vertical
*	10477.5	44.2	12.2	56.4	88.2	-31.8	Peak	Vertical
	11958.7	34.8	11.9	46.7	74.0	-27.3	Peak	Vertical
*	13475.3	34.6	13.7	48.3	88.2	-39.9	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	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit.		
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7172.5	34.8	13.6	48.4	88.2	-39.8	Peak	Horizontal
*	10520.0	40.1	17.9	58.0	88.2	-30.2	Peak	Horizontal
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Horizontal
	12466.5	33.6	19.7	53.3	74.0	-20.7	Peak	Horizontal
*	7009.5	40.2	12.8	53.0	88.2	-35.2	Peak	Vertical
*	8472.5	35.6	14.6	50.2	88.2	-38.0	Peak	Vertical
	9418.7	35.6	15.5	51.1	74.0	-22.9	Peak	Vertical
	11854.5	33.5	19.5	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.

Note 2: Measure 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	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7025.5	36.1	12.9	49.0	88.2	-39.2	Peak	Horizontal
*	8672.5	34.3	14.8	49.1	88.2	-39.1	Peak	Horizontal
	9402.7	35.6	15.4	51.0	74.0	-23.0	Peak	Horizontal
	11319.0	34.0	19.1	53.1	74.0	-20.9	Peak	Horizontal
*	7025.7	35.3	12.9	48.2	88.2	-40.0	Peak	Vertical
*	8414.7	34.9	14.5	49.4	88.2	-38.8	Peak	Vertical
	10600.0	38.3	17.8	56.1	74.0	-17.9	Peak	Vertical
	10605.5	27.0	17.8	44.8	54.0	-9.2	Average	Vertical
	11854.5	33.0	19.5	52.5	74.0	-21.5	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	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7025.7	36.2	12.9	49.1	88.2	-39.1	Peak	Horizontal
*	8502.7	35.6	14.7	50.3	88.2	-37.9	Peak	Horizontal
	9415.7	37.1	15.5	52.6	74.0	-21.4	Peak	Horizontal
	10698.5	35.2	17.7	52.9	74.0	-21.1	Peak	Horizontal
*	7149.8	34.3	13.5	47.8	88.2	-40.4	Peak	Vertical
*	8472.0	34.5	14.6	49.1	88.2	-39.1	Peak	Vertical
	9402.5	35.6	15.4	51.0	74.0	-23.0	Peak	Vertical
	10690.0	34.1	17.6	51.7	74.0	-22.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7024.6	35.5	12.9	48.4	88.2	-39.8	Peak	Horizontal
*	8472.2	34.7	14.6	49.3	88.2	-38.9	Peak	Horizontal
	9408.5	36.0	15.5	51.5	74.0	-22.5	Peak	Horizontal
	11319.0	33.5	19.1	52.6	74.0	-21.4	Peak	Horizontal
*	7142.6	34.4	13.5	47.9	88.2	-40.3	Peak	Vertical
*	8514.7	34.8	14.6	49.4	88.2	-38.8	Peak	Vertical
	9410.9	35.0	15.5	50.5	74.0	-23.5	Peak	Vertical
	10690.0	33.8	17.6	51.4	74.0	-22.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7204.8	35.3	13.6	48.9	88.2	-39.3	Peak	Horizontal
*	8518.0	34.5	14.6	49.1	88.2	-39.1	Peak	Horizontal
	9467.5	35.8	15.4	51.2	74.0	-22.8	Peak	Horizontal
	11276.5	34.0	18.8	52.8	74.0	-21.2	Peak	Horizontal
*	7194.7	34.1	13.6	47.7	88.2	-40.5	Peak	Vertical
*	7953.5	33.8	15.1	48.9	88.2	-39.3	Peak	Vertical
	9134.5	35.3	15.1	50.4	74.0	-23.6	Peak	Vertical
	11905.5	33.3	19.5	52.8	74.0	-21.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7143.6	34.0	13.5	47.5	88.2	-40.7	Peak	Horizontal
*	8572.6	34.4	14.5	48.9	88.2	-39.3	Peak	Horizontal
	9173.5	34.8	15.3	50.1	74.0	-23.9	Peak	Horizontal
	11276.5	33.5	18.8	52.3	74.0	-21.7	Peak	Horizontal
*	7102.6	34.5	13.4	47.9	88.2	-40.3	Peak	Vertical
*	8526.5	33.8	14.6	48.4	88.2	-39.8	Peak	Vertical
	9426.7	35.3	15.5	50.8	74.0	-23.2	Peak	Vertical
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	144	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit.		
	2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7146.4	34.9	13.5	48.4	88.2	-39.8	Peak	Horizontal
*	8562.5	34.7	14.4	49.1	88.2	-39.1	Peak	Horizontal
	9426.6	35.5	15.5	51.0	74.0	-23.0	Peak	Horizontal
	11276.5	33.6	18.8	52.4	74.0	-21.6	Peak	Horizontal
*	7045.7	35.4	13.1	48.5	88.2	-39.7	Peak	Vertical
*	8413.6	34.1	14.5	48.6	88.2	-39.6	Peak	Vertical
	9402.7	35.5	15.4	50.9	74.0	-23.1	Peak	Vertical
	11812.0	32.5	19.3	51.8	74.0	-22.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.4	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	9653.6	34.9	11.0	45.9	88.2	-42.3	Peak	Horizontal
	11489.0	42.8	12.8	55.6	74.0	-18.4	Peak	Horizontal
	11489.4	30.0	12.8	42.8	54.0	-11.2	Average	Horizontal
*	17226.5	46.3	16.0	62.3	88.2	-25.9	Peak	Horizontal
	7352.7	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	9658.3	34.6	11.0	45.6	88.2	-42.6	Peak	Vertical
	11489.0	38.9	12.8	51.7	74.0	-22.3	Peak	Vertical
*	12763.3	34.9	11.7	46.6	88.2	-41.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7365.3	35.6	7.9	43.5	74.0	-30.5	Peak	Horizontal
*	9625.4	34.0	10.9	44.9	88.2	-43.3	Peak	Horizontal
	11564.9	28.6	12.7	41.3	54.0	-12.7	Average	Horizontal
	11565.5	41.4	12.7	54.1	74.0	-19.9	Peak	Horizontal
*	17362.5	46.1	16.9	63.0	88.2	-25.2	Peak	Horizontal
	7348.4	35.6	8.0	43.6	74.0	-30.4	Peak	Vertical
*	9658.7	34.4	11.0	45.4	88.2	-42.8	Peak	Vertical
	11574.0	39.5	12.6	52.1	74.0	-21.9	Peak	Vertical
*	12755.4	35.1	11.7	46.8	88.2	-41.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.6	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	9659.5	34.4	11.0	45.4	88.2	-42.8	Peak	Horizontal
	11642.0	40.3	12.4	52.7	74.0	-21.3	Peak	Horizontal
*	17473.0	45.8	17.2	63.0	88.2	-25.2	Peak	Horizontal
	7349.9	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	9658.5	35.1	11.0	46.1	88.2	-42.1	Peak	Vertical
	11650.5	39.2	12.3	51.5	74.0	-22.5	Peak	Vertical
*	12795.4	35.3	11.7	47.0	88.2	-41.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7327.0	35.1	8.0	43.1	74.0	-30.9	Peak	Horizontal
*	9248.4	35.4	10.2	45.6	88.2	-42.6	Peak	Horizontal
	11452.7	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	12758.9	35.4	11.7	47.1	88.2	-41.1	Peak	Horizontal
	7326.2	35.0	8.0	43.0	74.0	-31.0	Peak	Vertical
*	9653.3	34.8	11.0	45.8	88.2	-42.4	Peak	Vertical
	11485.3	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
*	13465.3	34.4	13.7	48.1	88.2	-40.1	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	Test Site:	AC1
Test Channel:	46	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7362.3	36.2	7.9	44.1	74.0	-29.9	Peak	Horizontal
*	10460.5	40.2	12.1	52.3	88.2	-35.9	Peak	Horizontal
	11486.7	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
*	13406.3	35.0	13.7	48.7	88.2	-39.5	Peak	Horizontal
	7318.3	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	10460.5	42.9	12.1	55.0	88.2	-33.2	Peak	Vertical
	11469.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	14562.9	36.2	15.6	51.8	88.2	-36.4	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	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7125.7	35.0	13.5	48.5	88.2	-39.7	Peak	Horizontal
*	8513.7	34.4	14.6	49.0	88.2	-39.2	Peak	Horizontal
	9402.5	35.3	15.4	50.7	74.0	-23.3	Peak	Horizontal
	11276.5	33.7	18.8	52.5	74.0	-21.5	Peak	Horizontal
*	7026.5	39.2	12.9	52.1	88.2	-36.1	Peak	Vertical
*	8545.5	33.8	14.5	48.3	88.2	-39.9	Peak	Vertical
	9368.5	35.4	15.3	50.7	74.0	-23.3	Peak	Vertical
	11812.0	32.9	19.3	52.2	74.0	-21.8	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	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7024.7	35.8	12.9	48.7	88.2	-39.5	Peak	Horizontal
*	8515.7	34.3	14.6	48.9	88.2	-39.3	Peak	Horizontal
	9415.9	35.5	15.5	51.0	74.0	-23.0	Peak	Horizontal
	11769.5	33.7	19.4	53.1	74.0	-20.9	Peak	Horizontal
*	7077.5	38.3	13.2	51.5	88.2	-36.7	Peak	Vertical
*	8012.6	34.0	15.1	49.1	88.2	-39.1	Peak	Vertical
	9392.6	35.1	15.4	50.5	74.0	-23.5	Peak	Vertical
	11268.0	34.1	18.8	52.9	74.0	-21.1	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	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7146.2	34.1	13.5	47.6	88.2	-40.6	Peak	Horizontal
*	7965.5	34.9	15.0	49.9	88.2	-38.3	Peak	Horizontal
	9470.5	35.4	15.4	50.8	74.0	-23.2	Peak	Horizontal
	12398.5	34.4	19.0	53.4	74.0	-20.6	Peak	Horizontal
*	7143.9	34.0	13.5	47.5	88.2	-40.7	Peak	Vertical
*	8572.5	34.4	14.5	48.9	88.2	-39.3	Peak	Vertical
	9471.6	36.1	15.4	51.5	74.0	-22.5	Peak	Vertical
	12398.5	34.1	19.0	53.1	74.0	-20.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7249.7	34.2	13.8	48.0	88.2	-40.2	Peak	Horizontal
*	8571.5	33.7	14.5	48.2	88.2	-40.0	Peak	Horizontal
	9471.2	35.5	15.4	50.9	74.0	-23.1	Peak	Horizontal
	11812.0	33.0	19.3	52.3	74.0	-21.7	Peak	Horizontal
*	7205.0	34.5	13.6	48.1	88.2	-40.1	Peak	Vertical
*	8010.6	34.6	15.1	49.7	88.2	-38.5	Peak	Vertical
	9173.7	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical
	11914.0	33.1	19.6	52.7	74.0	-21.3	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	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7253.7	34.5	13.9	48.4	88.2	-39.8	Peak	Horizontal
*	8542.7	33.8	14.5	48.3	88.2	-39.9	Peak	Horizontal
	9152.5	34.4	15.3	49.7	74.0	-24.3	Peak	Horizontal
	11276.5	33.8	18.8	52.6	74.0	-21.4	Peak	Horizontal
*	7153.7	33.5	13.6	47.1	88.2	-41.1	Peak	Vertical
*	8572.5	34.1	14.5	48.6	88.2	-39.6	Peak	Vertical
	9473.5	35.3	15.4	50.7	74.0	-23.3	Peak	Vertical
	11276.5	33.5	18.8	52.3	74.0	-21.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	142	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7183.9	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
*	8516.5	34.2	14.6	48.8	88.2	-39.4	Peak	Horizontal
	9471.5	35.7	15.4	51.1	74.0	-22.9	Peak	Horizontal
	11803.5	32.9	19.3	52.2	74.0	-21.8	Peak	Horizontal
*	7210.7	34.6	13.7	48.3	88.2	-39.9	Peak	Vertical
*	7865.5	34.2	15.0	49.2	88.2	-39.0	Peak	Vertical
	9437.6	35.3	15.5	50.8	74.0	-23.2	Peak	Vertical
	11803.5	33.0	19.3	52.3	74.0	-21.7	Peak	Vertical

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

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

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