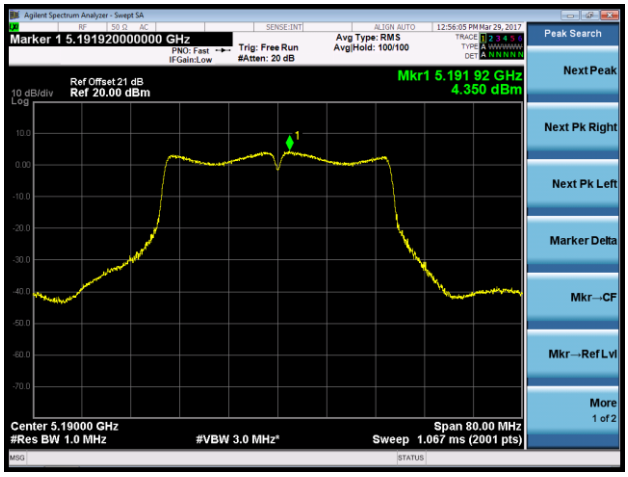
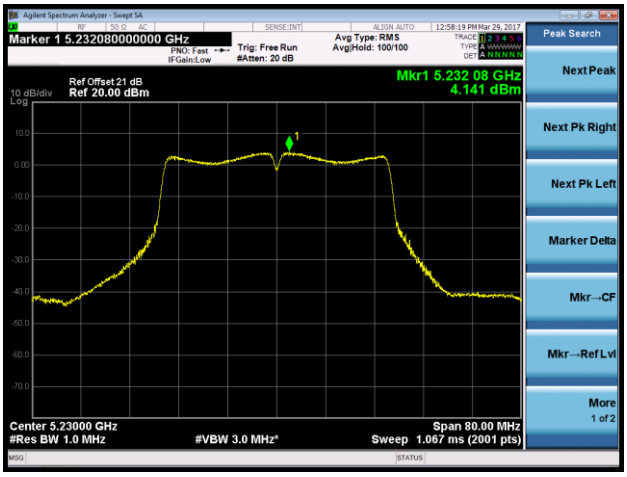
802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 +1

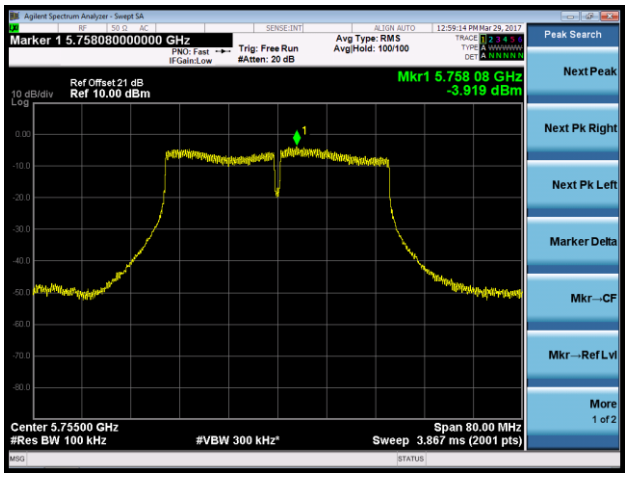
Channel 38 (5190MHz)



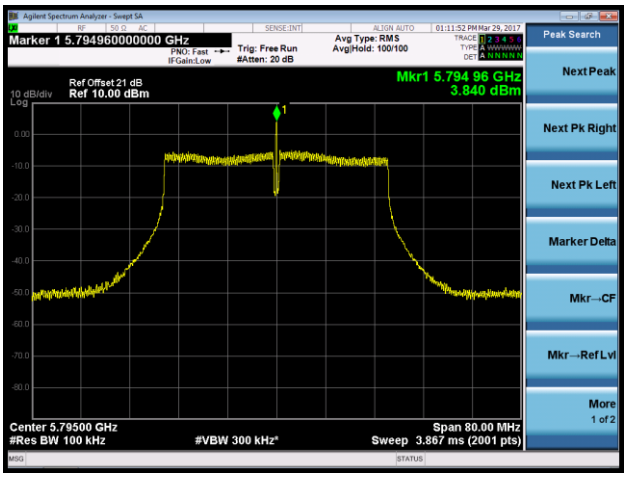
Channel 46 (5230MHz)



Channel 151 (5755MHz)

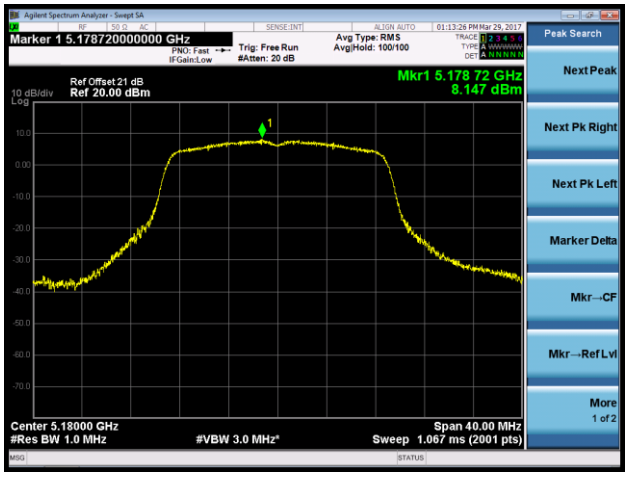


Channel 159 (5795MHz)

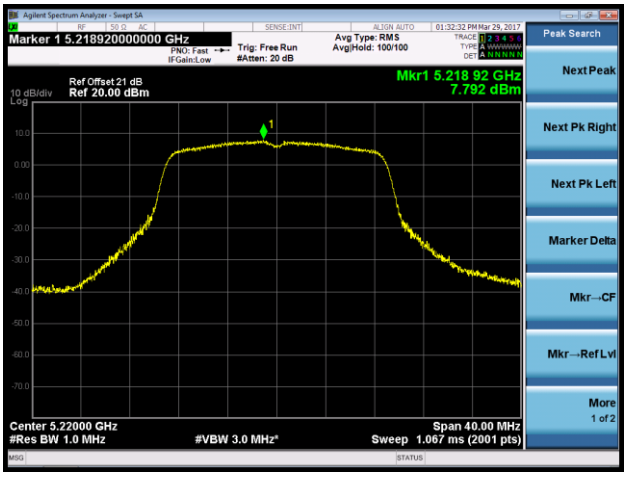


802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 +1

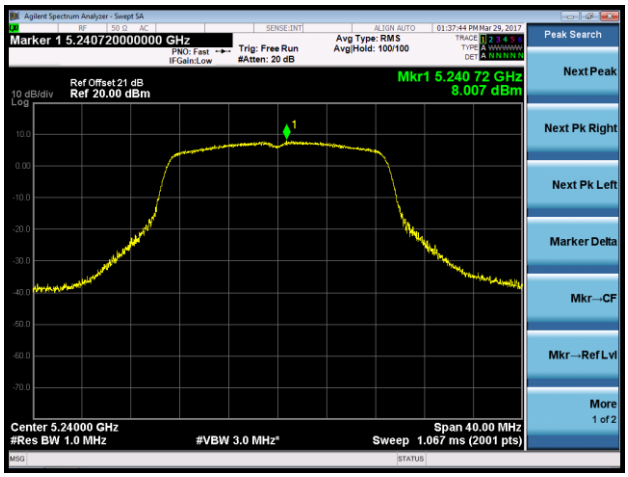
Channel 36 (5180MHz)



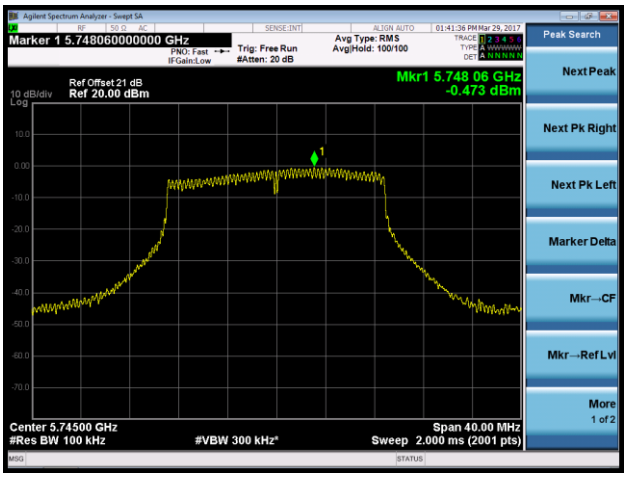
Channel 44 (5220MHz)



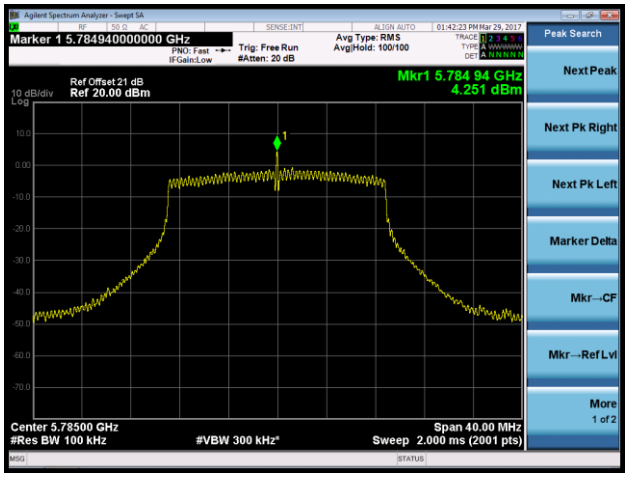
Channel 48 (5240MHz)



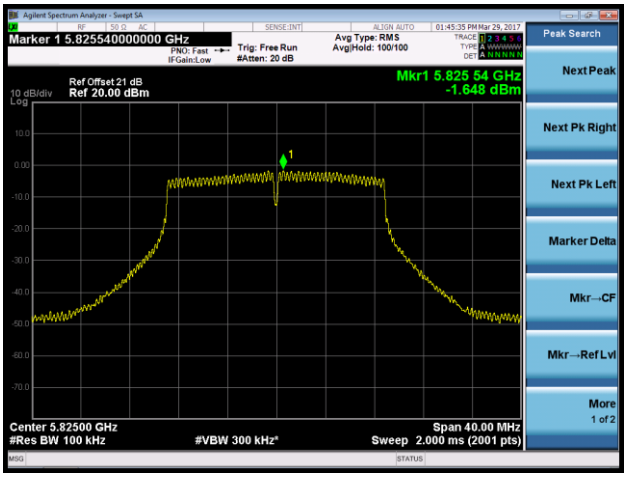
Channel 149 (5745MHz)



Channel 157 (5785MHz)

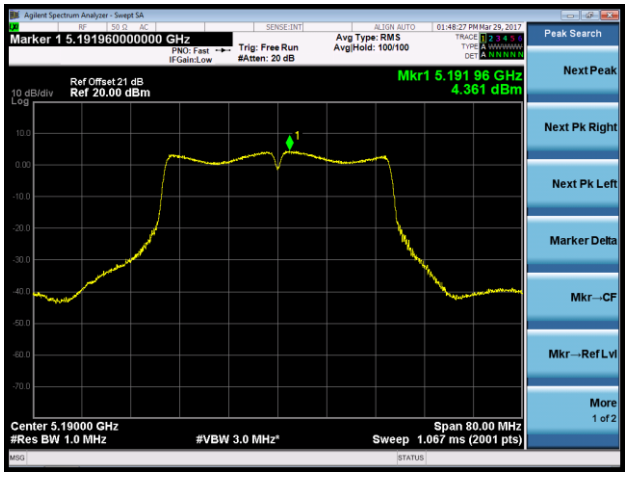


Channel 165 (5825MHz)

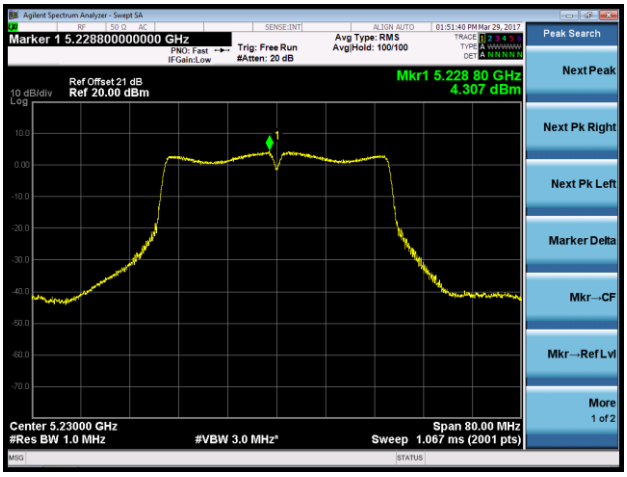


802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 +1

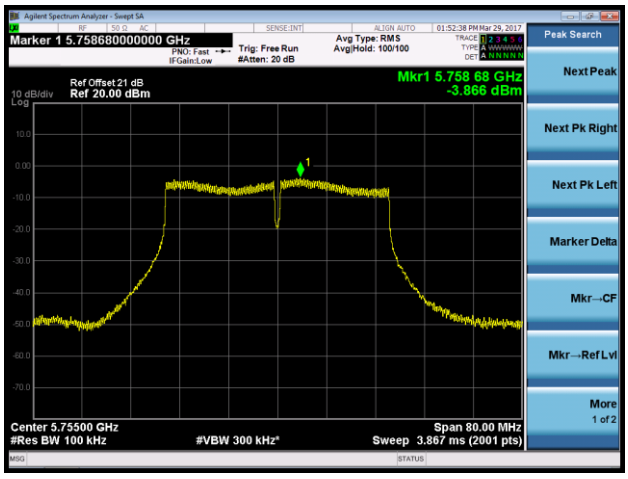
Channel 38 (5190MHz)



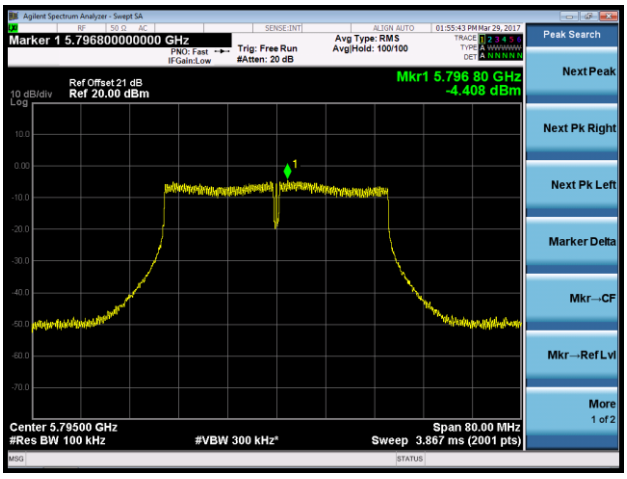
Channel 46 (5230MHz)

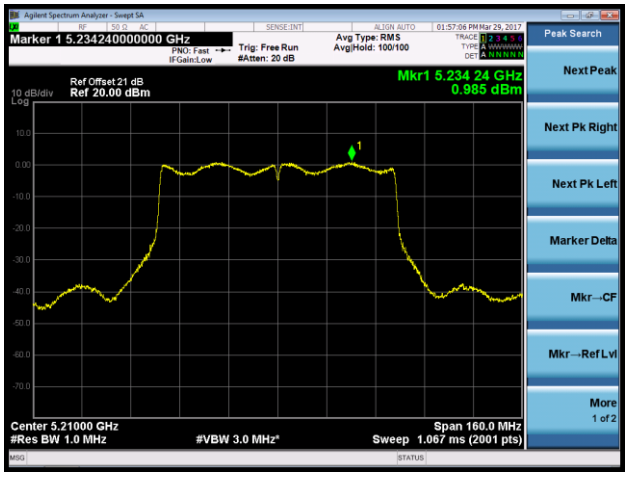
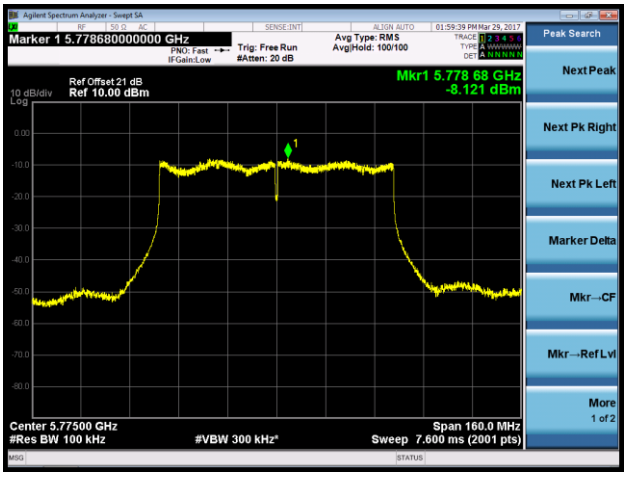


Channel 151 (5755MHz)



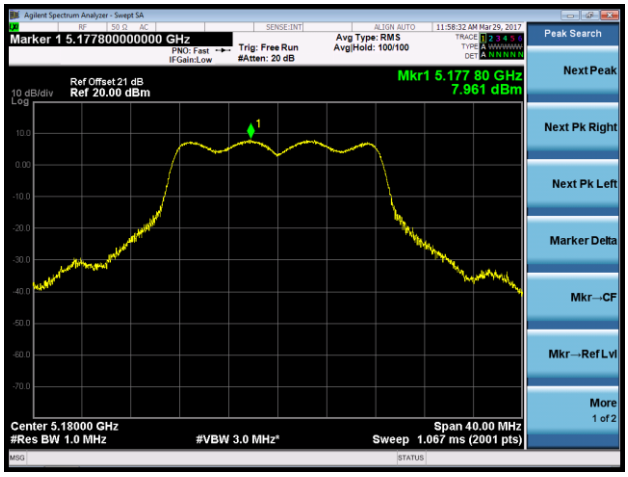
Channel 159 (5795MHz)



802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 +1	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

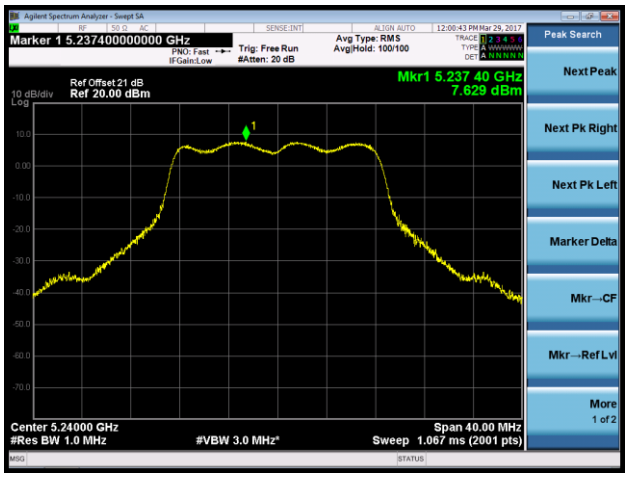
802.11a Power Spectral Density - Ant 1 / Ant 0 +1

Channel 36 (5180MHz)

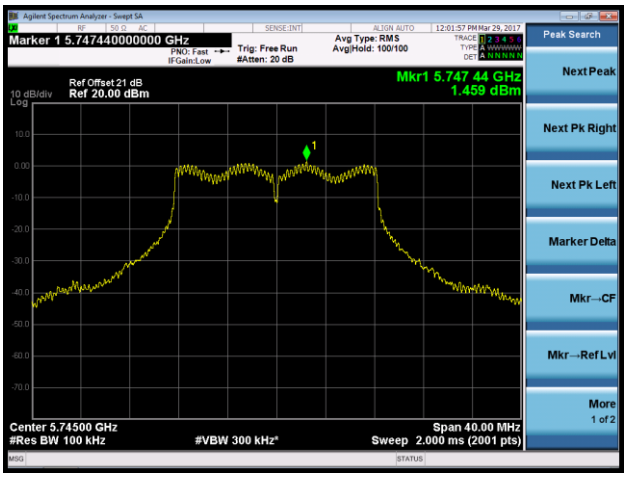


Channel 44 (5220MHz)

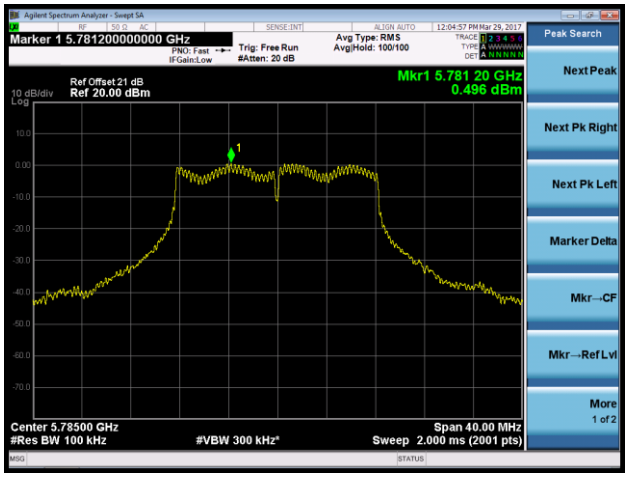
Channel 48 (5240MHz)



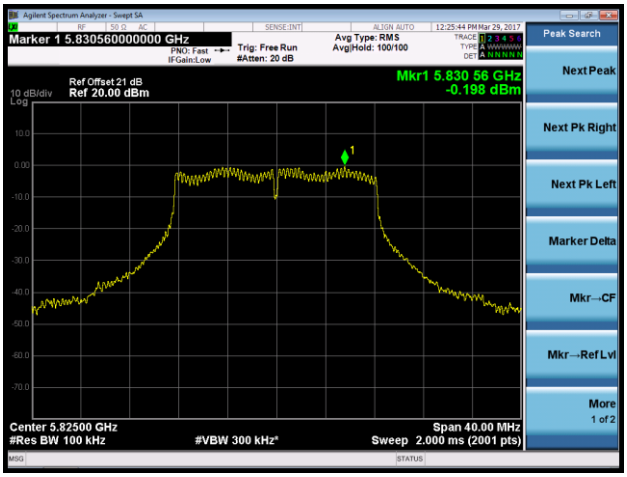
Channel 149 (5745MHz)



Channel 157 (5785MHz)

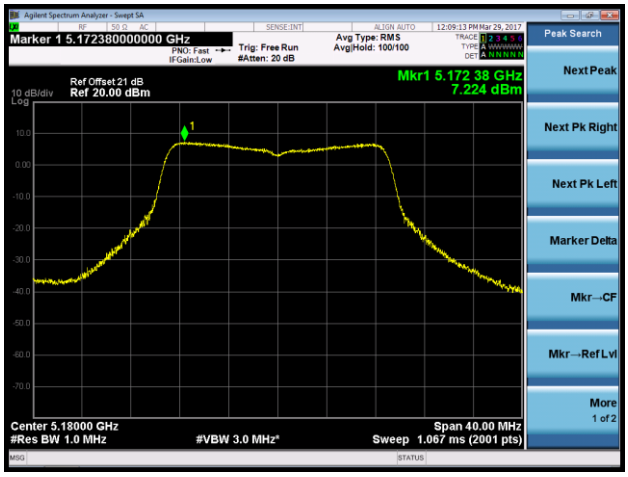


Channel 165 (5825MHz)

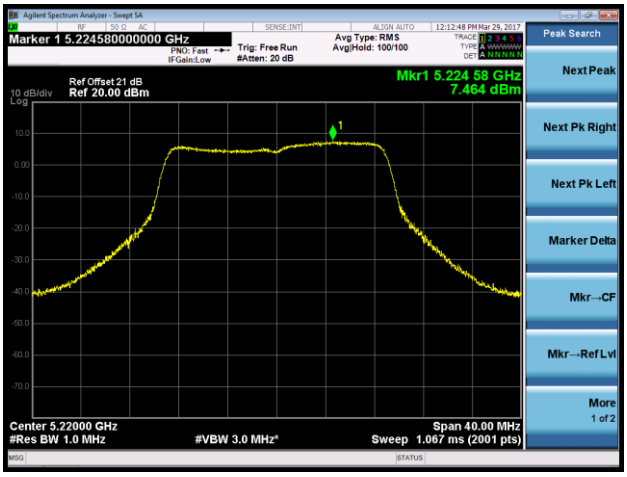


802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 +1

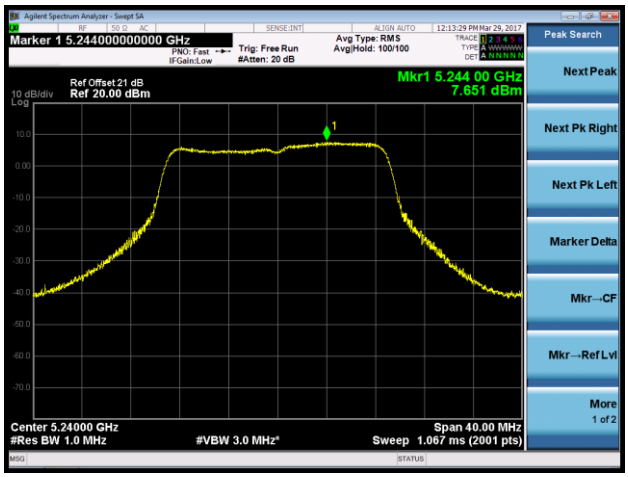
Channel 36 (5180MHz)



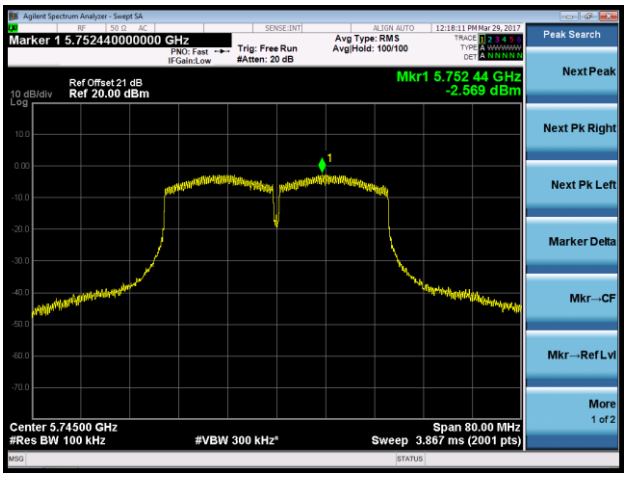
Channel 44 (5220MHz)



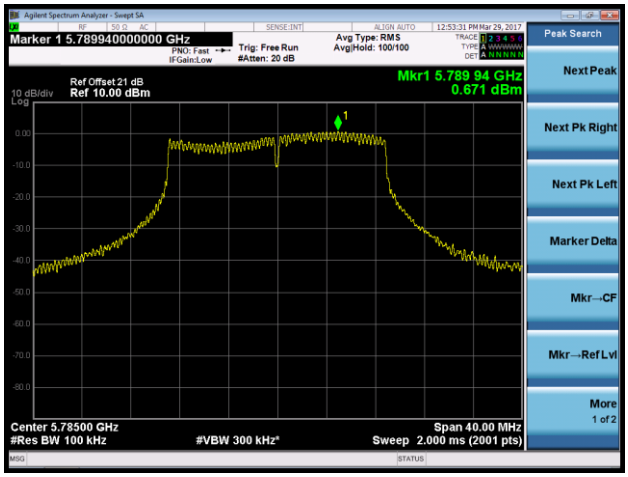
Channel 48 (5240MHz)



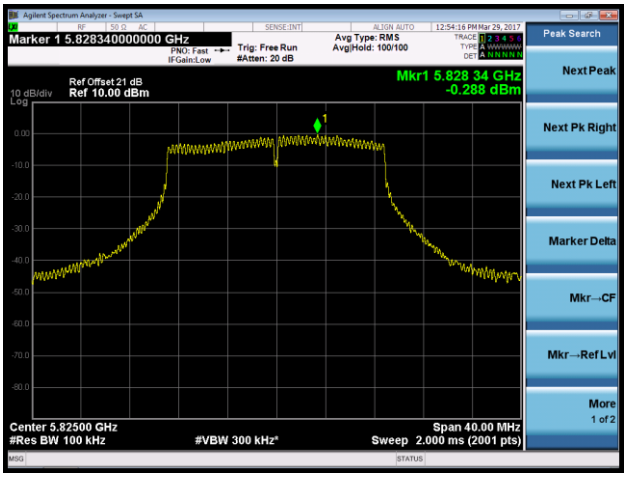
Channel 149 (5745MHz)



Channel 157 (5785MHz)

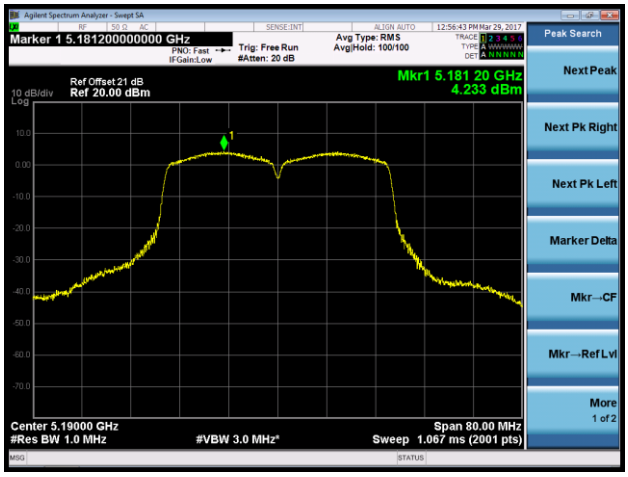


Channel 165 (5825MHz)

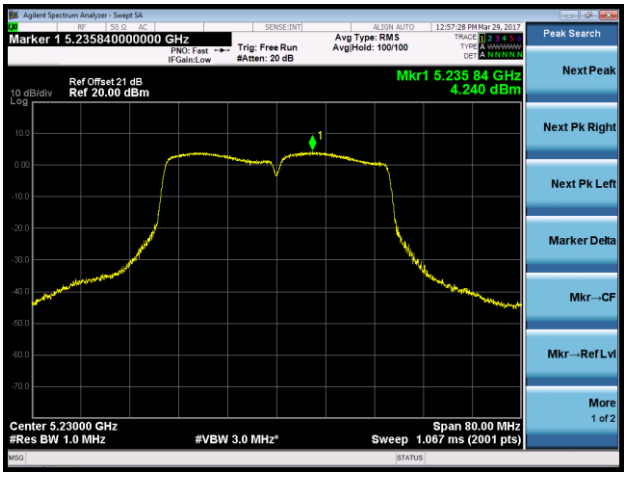


802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 +1

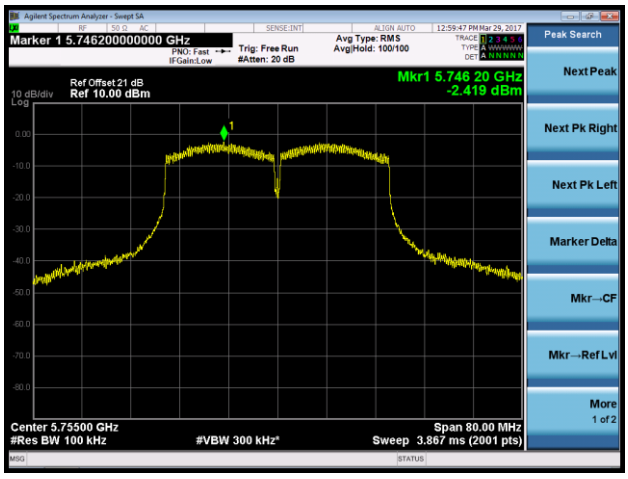
Channel 38 (5190MHz)



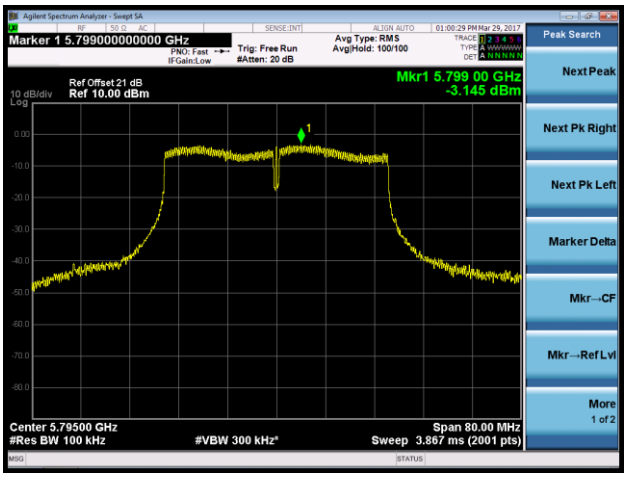
Channel 46 (5230MHz)



Channel 151 (5755MHz)

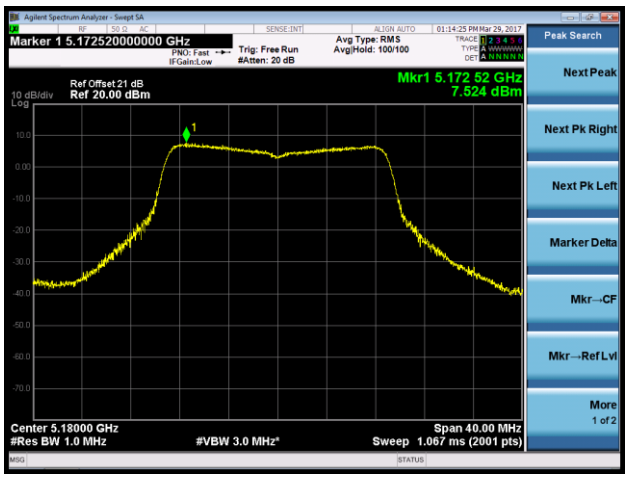


Channel 159 (5795MHz)

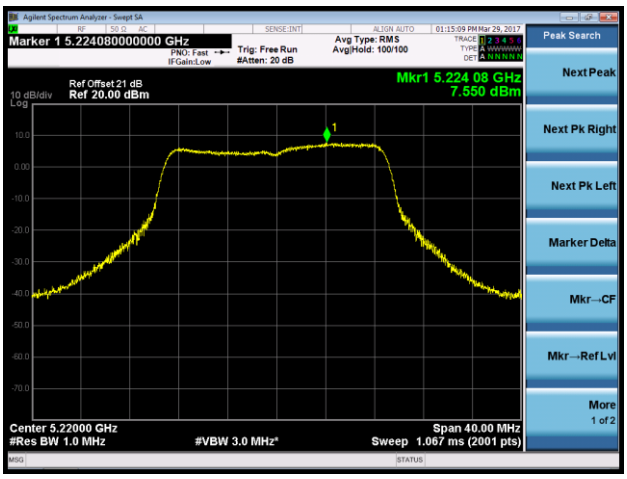


802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 +1

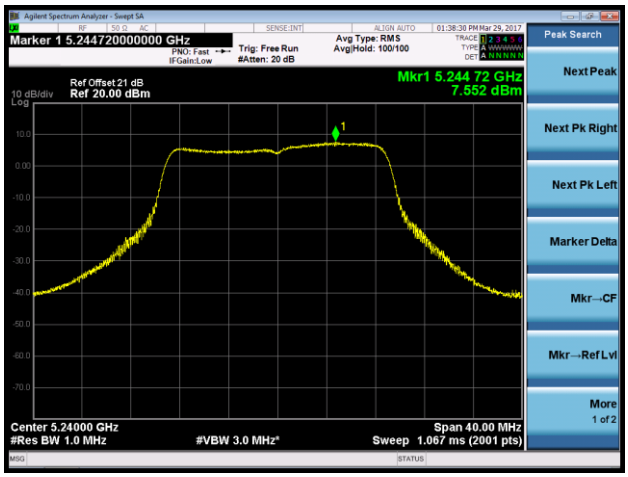
Channel 36 (5180MHz)



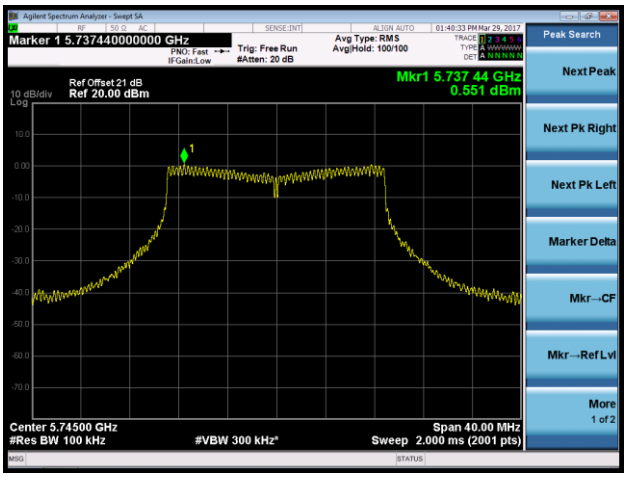
Channel 44 (5220MHz)



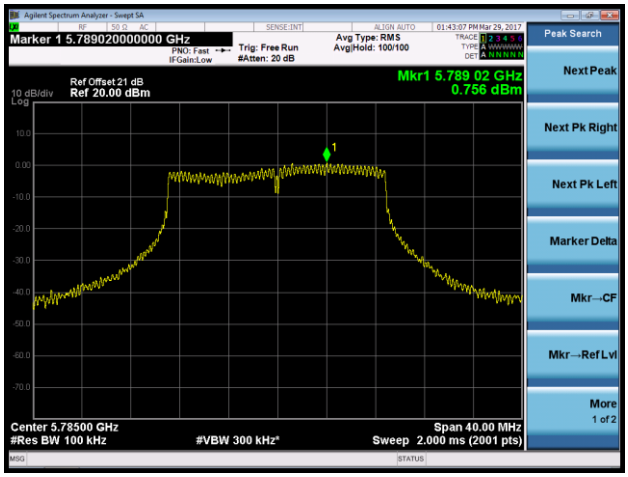
Channel 48 (5240MHz)



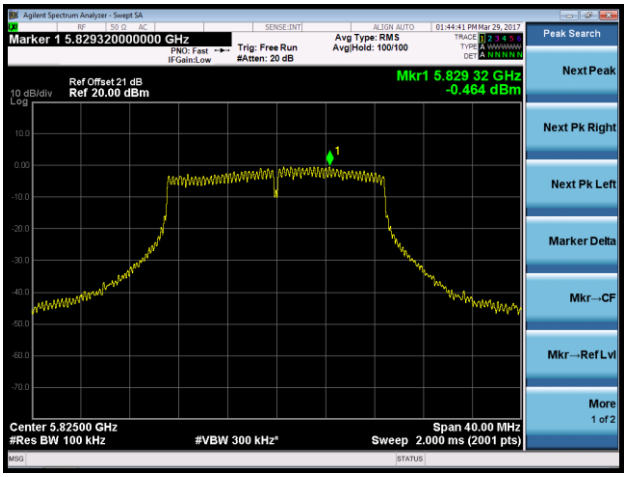
Channel 149 (5745MHz)



Channel 157 (5785MHz)

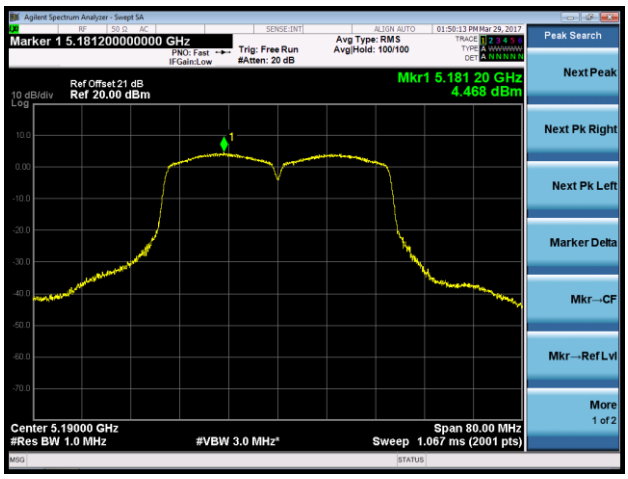


Channel 165 (5825MHz)

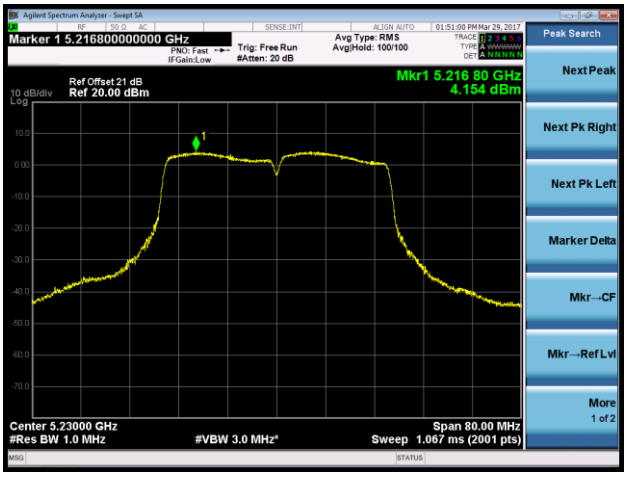


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 +1

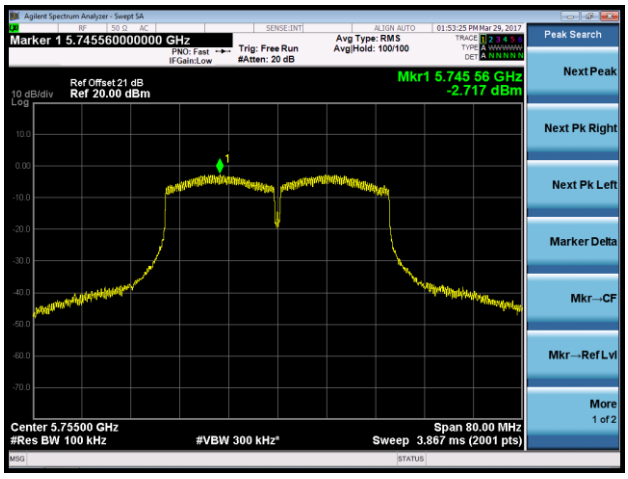
Channel 38 (5190MHz)



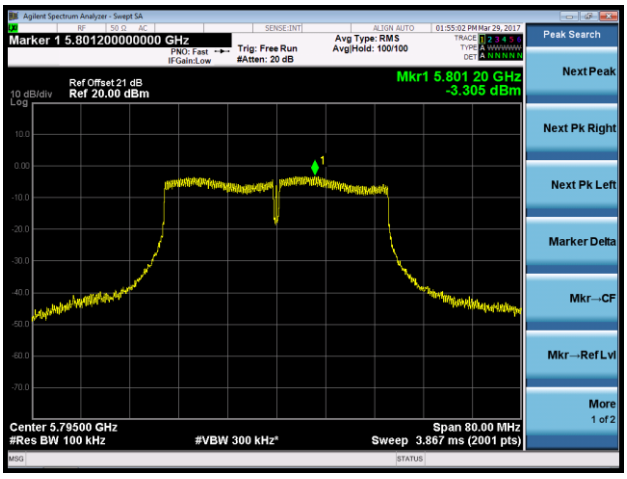
Channel 46 (5230MHz)

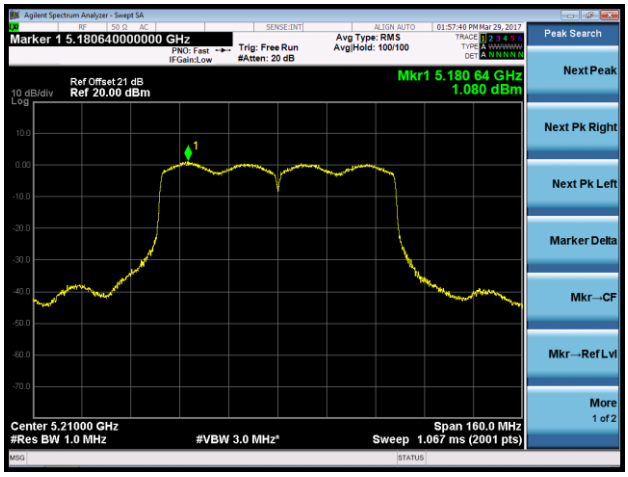
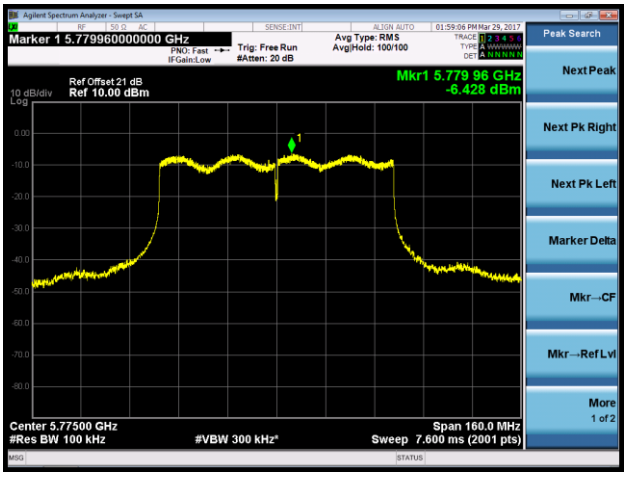


Channel 151 (5755MHz)



Channel 159 (5795MHz)

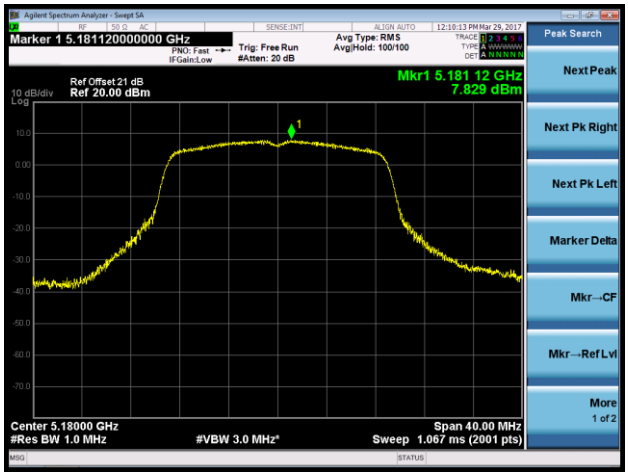


802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 +1	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

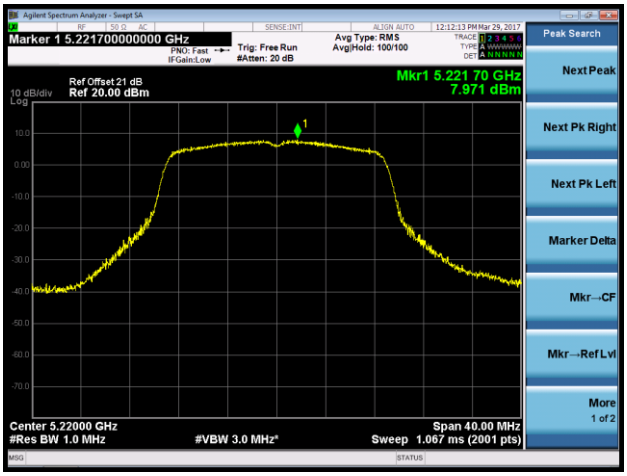
Beam-Forming Mode

802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 +1

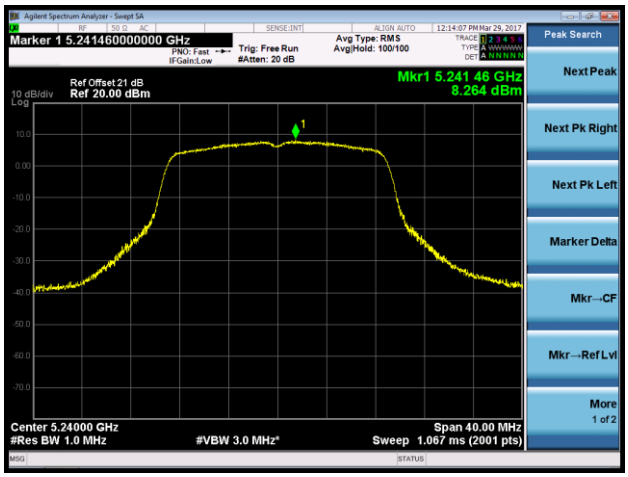
Channel 36 (5180MHz)



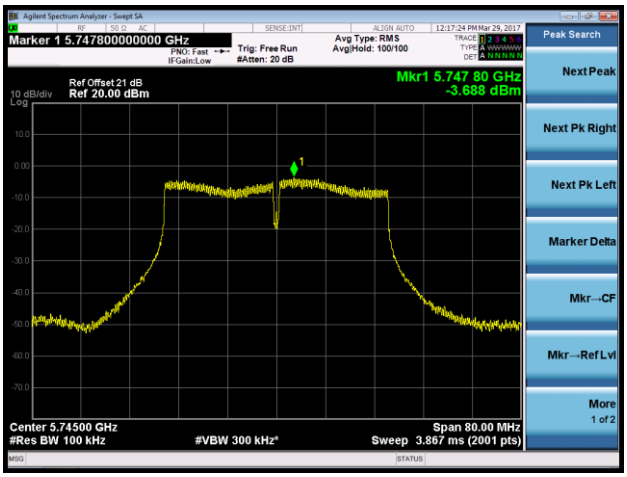
Channel 44 (5220MHz)



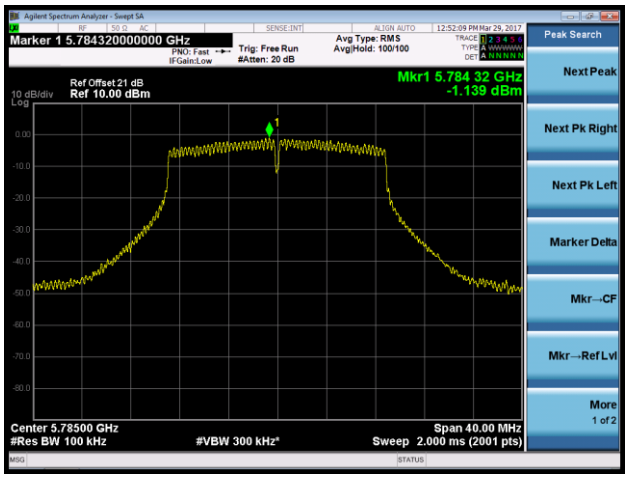
Channel 48 (5240MHz)



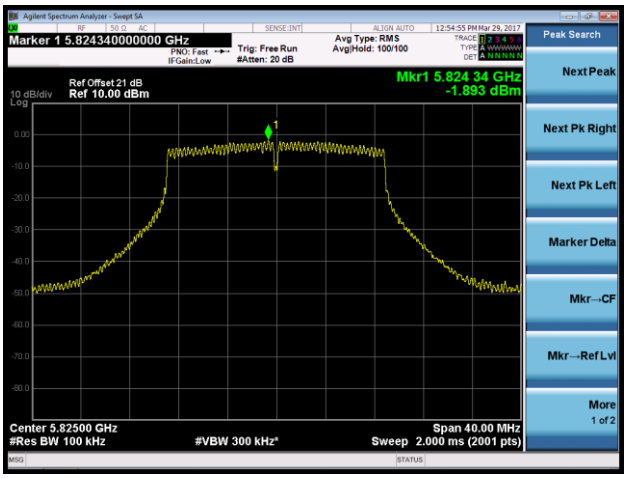
Channel 149 (5745MHz)



Channel 157 (5785MHz)

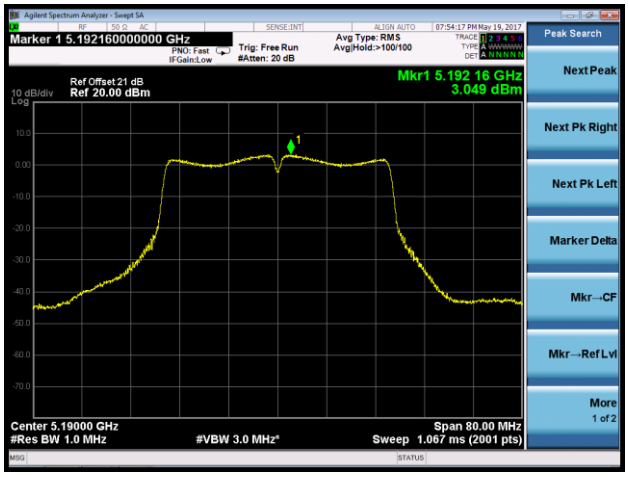


Channel 165 (5825MHz)

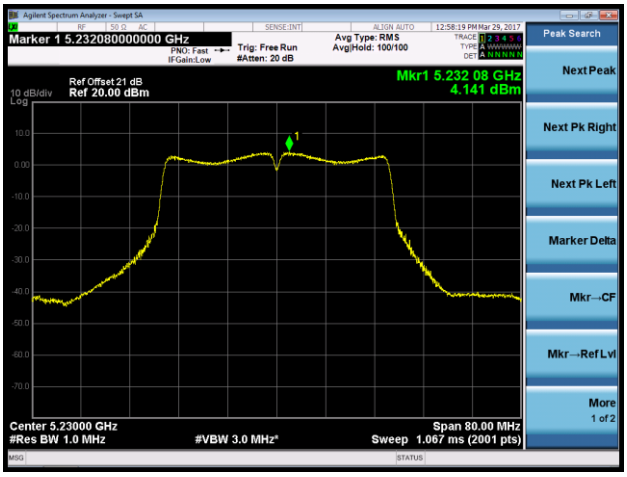


802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 +1

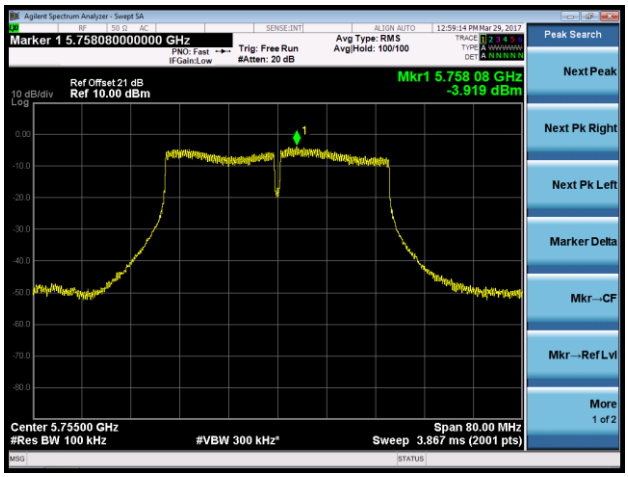
Channel 38 (5190MHz)



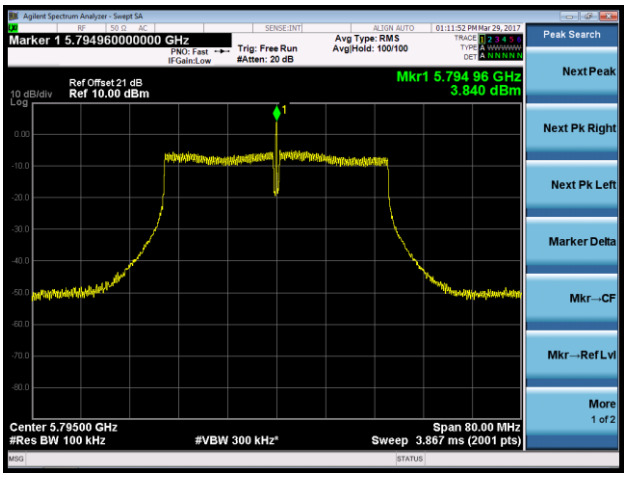
Channel 46 (5230MHz)



Channel 151 (5755MHz)

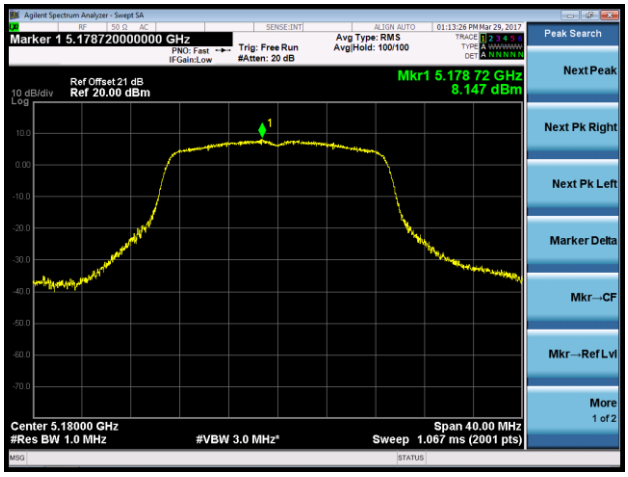


Channel 159 (5795MHz)

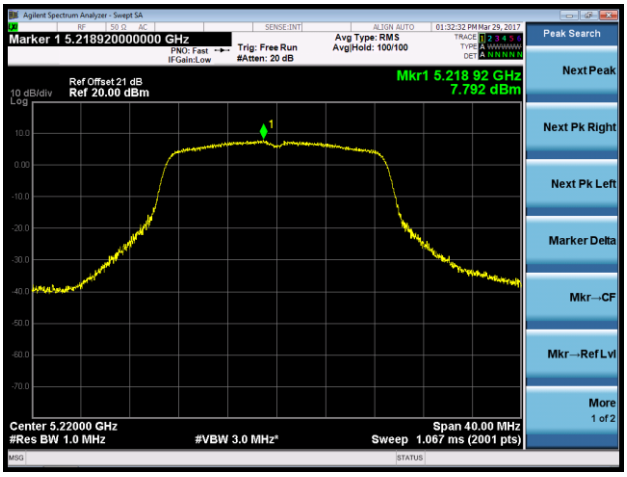


802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 +1

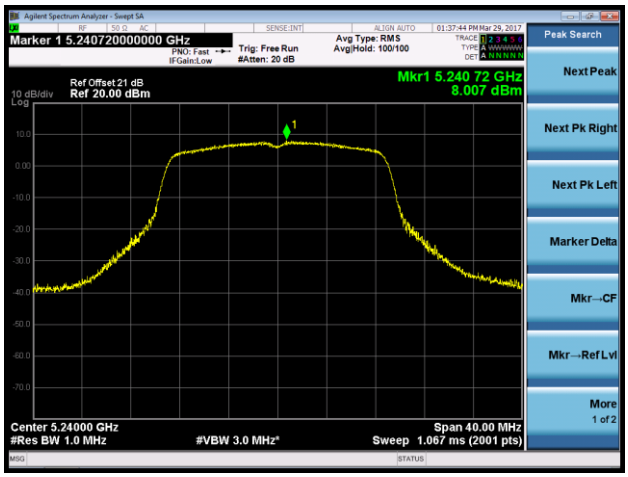
Channel 36 (5180MHz)



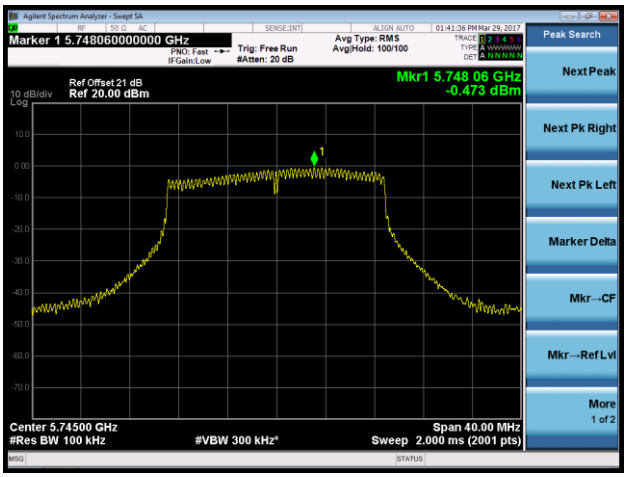
Channel 44 (5220MHz)



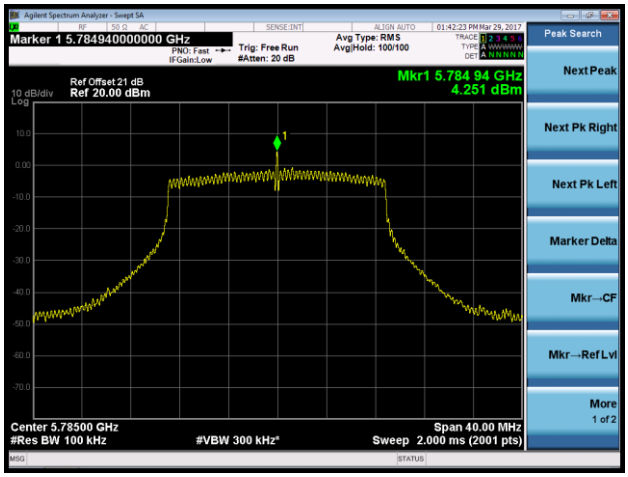
Channel 48 (5240MHz)



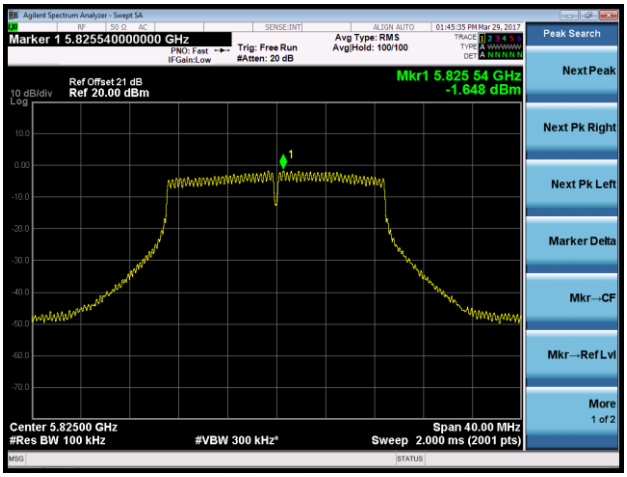
Channel 149 (5745MHz)



Channel 157 (5785MHz)

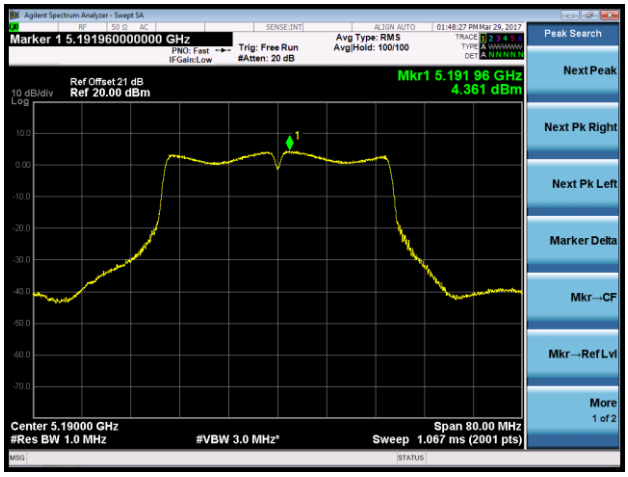


Channel 165 (5825MHz)

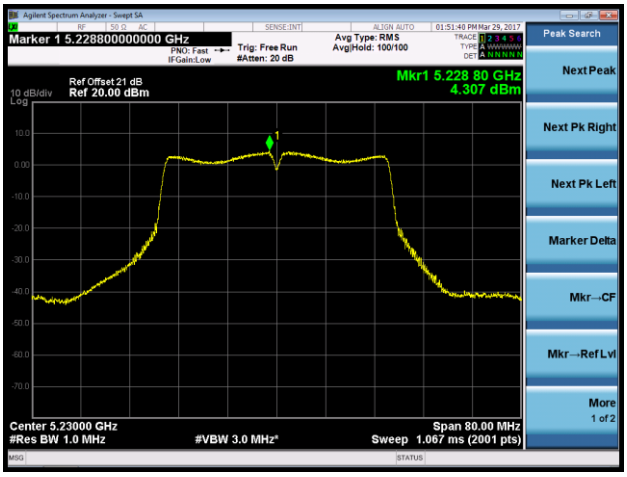


802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 +1

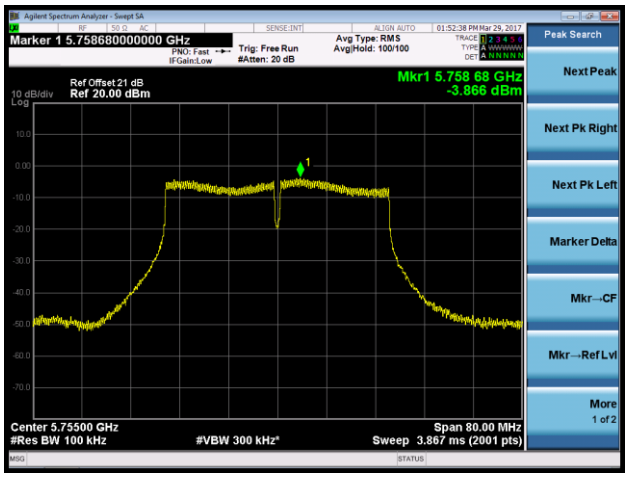
Channel 38 (5190MHz)



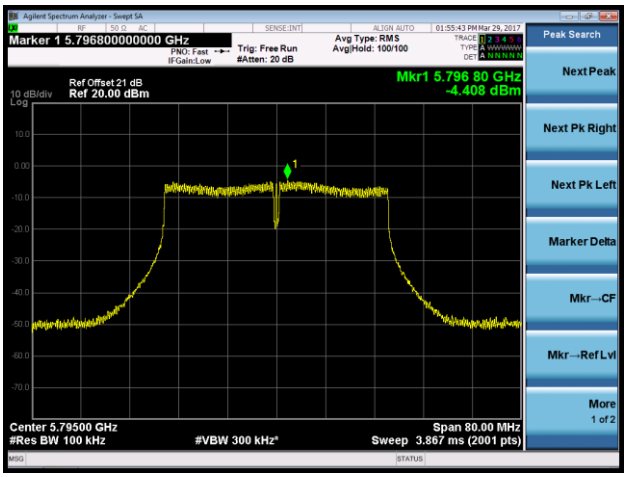
Channel 46 (5230MHz)

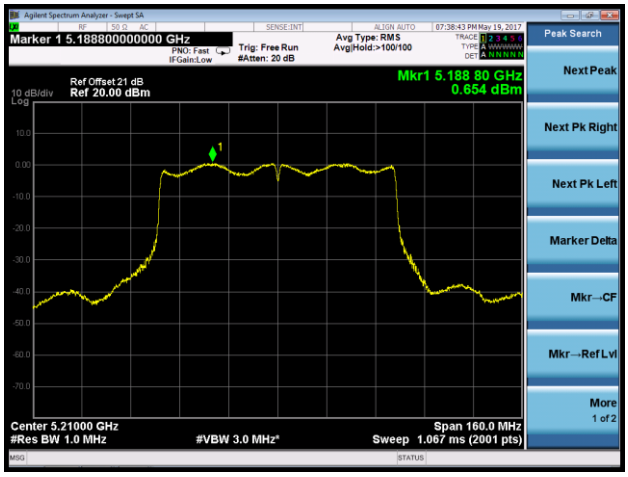
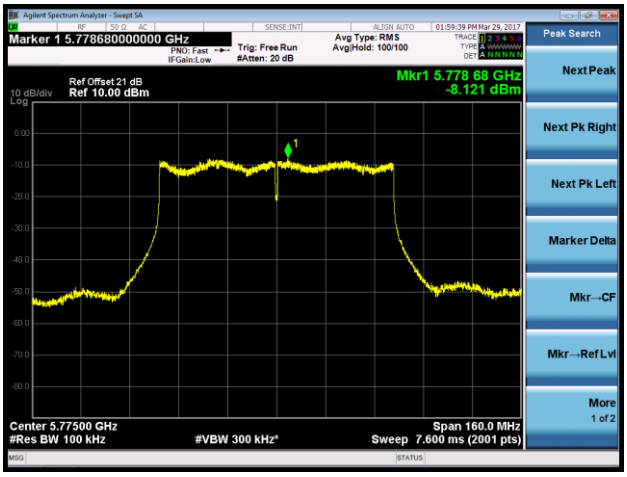


Channel 151 (5755MHz)



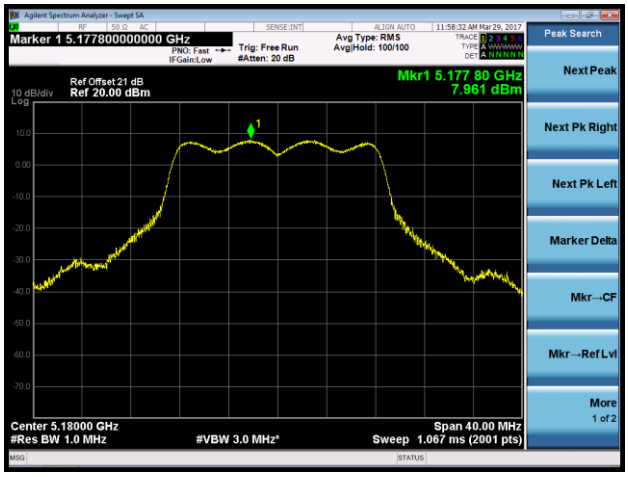
Channel 159 (5795MHz)



802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 +1	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

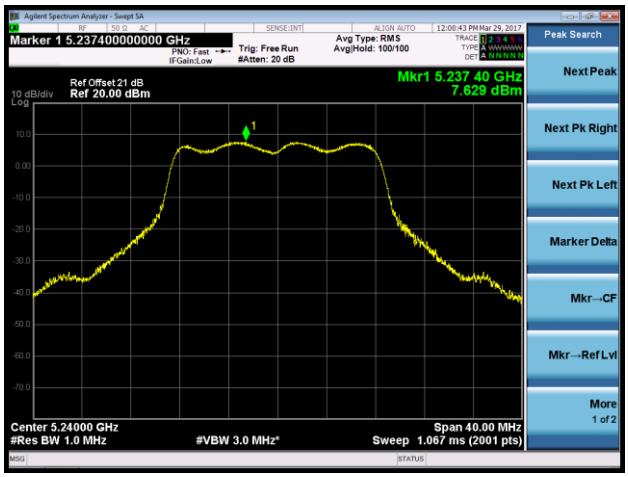
802.11a Power Spectral Density - Ant 1 / Ant 0 +1

Channel 36 (5180MHz)

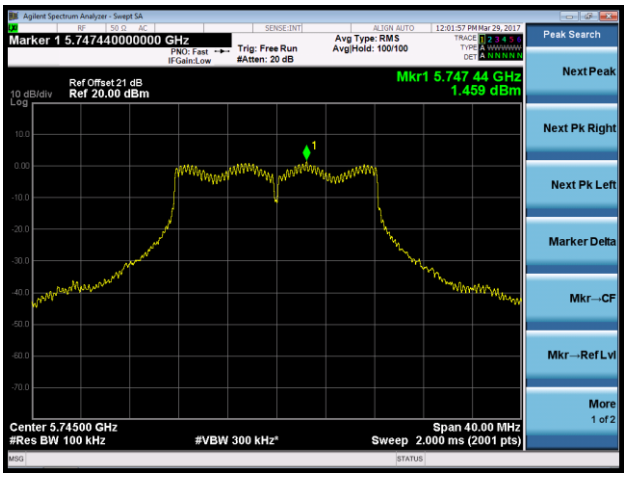


Channel 44 (5220MHz)

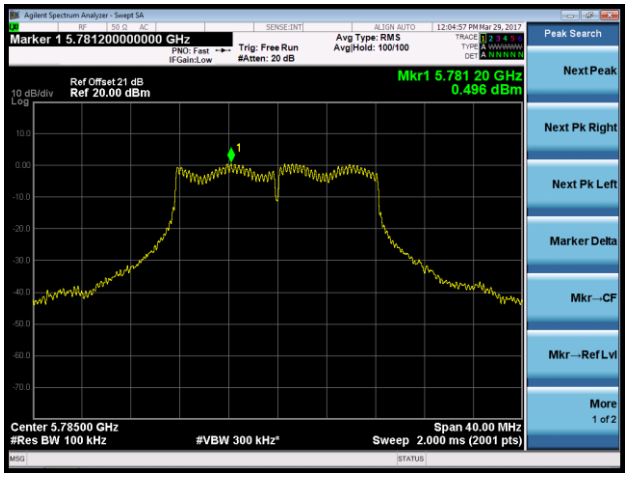
Channel 48 (5240MHz)



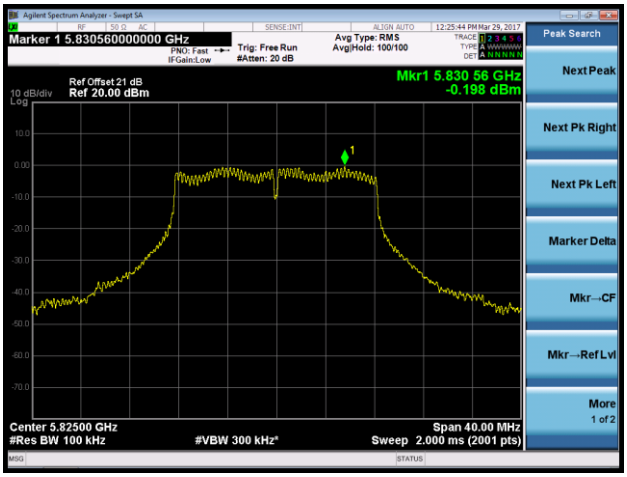
Channel 149 (5745MHz)



Channel 157 (5785MHz)

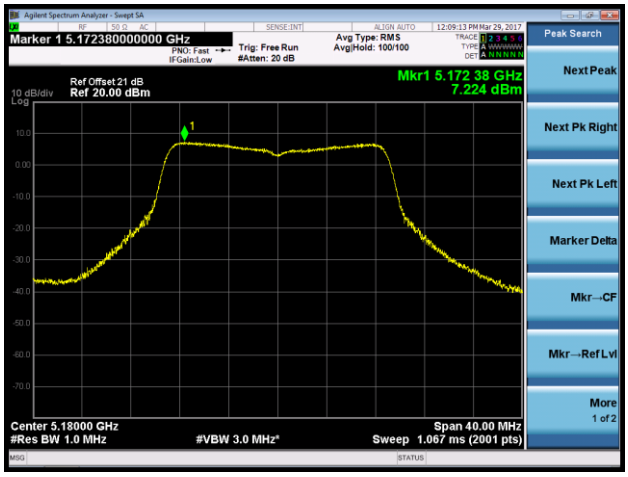


Channel 165 (5825MHz)

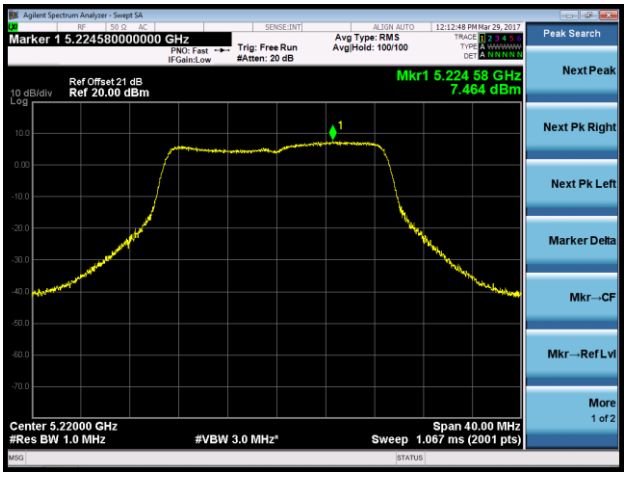


802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 +1

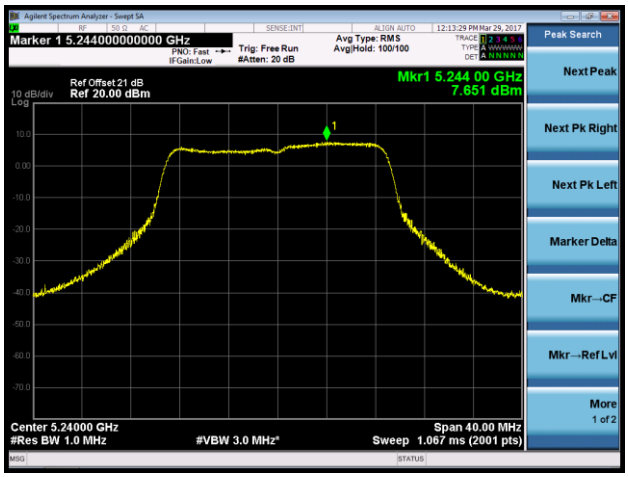
Channel 36 (5180MHz)



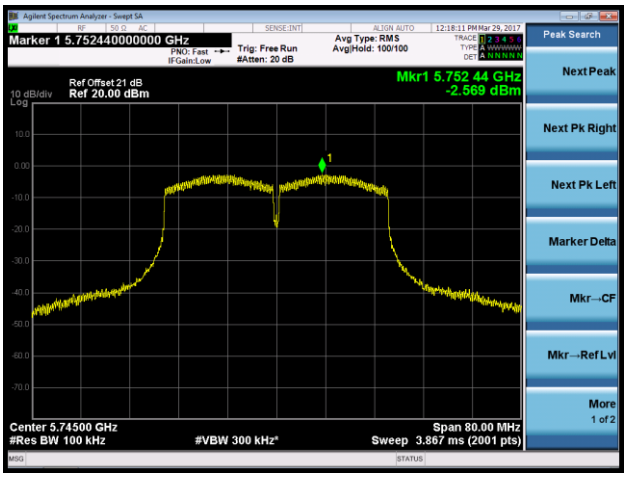
Channel 44 (5220MHz)



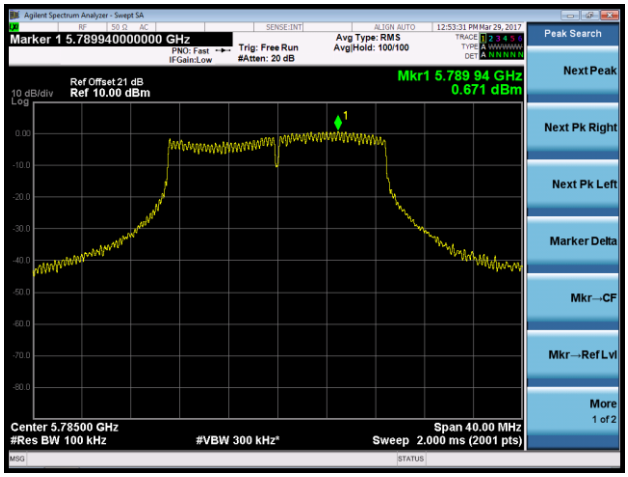
Channel 48 (5240MHz)



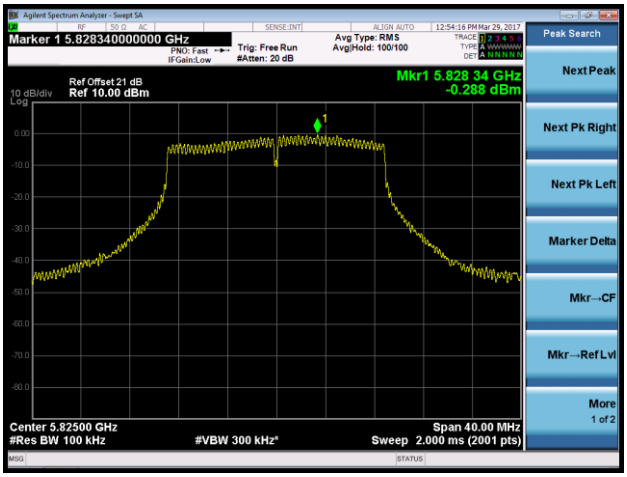
Channel 149 (5745MHz)



Channel 157 (5785MHz)

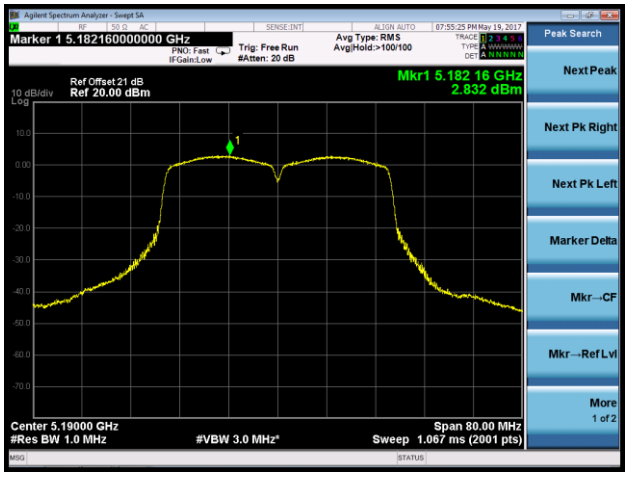


Channel 165 (5825MHz)

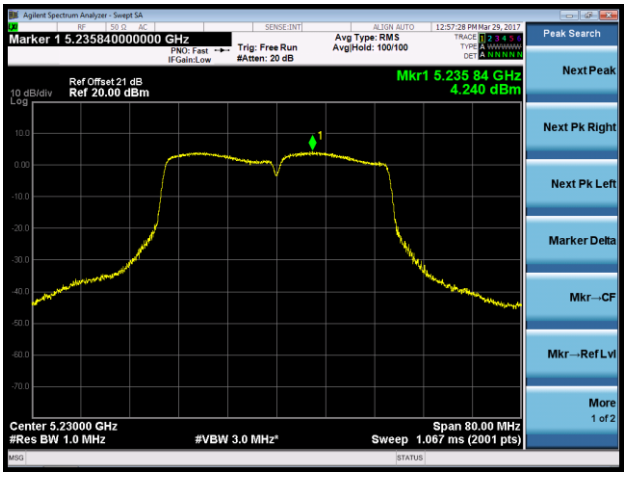


802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 +1

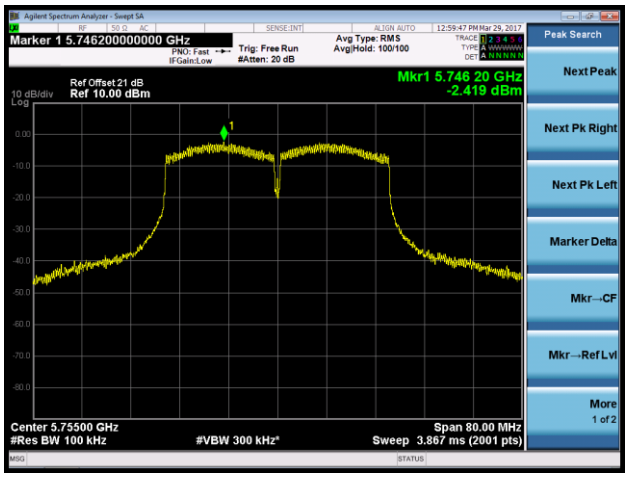
Channel 38 (5190MHz)



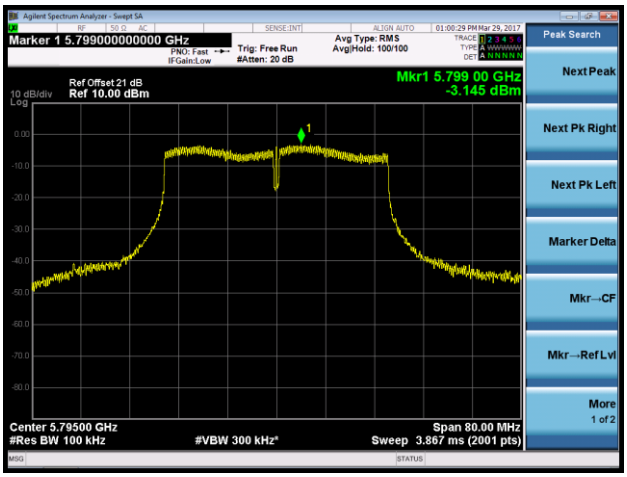
Channel 46 (5230MHz)



Channel 151 (5755MHz)

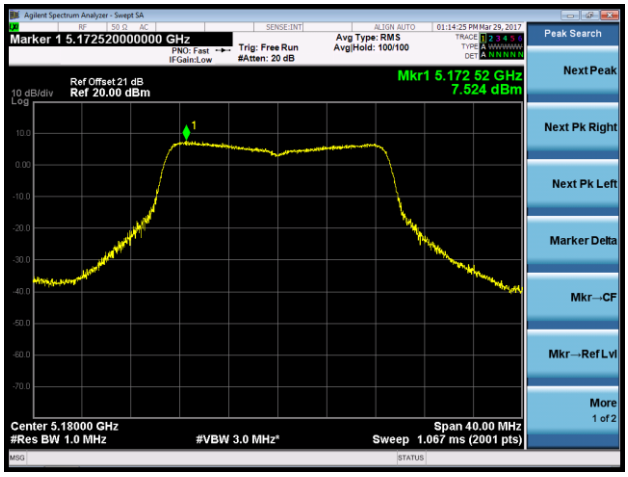


Channel 159 (5795MHz)

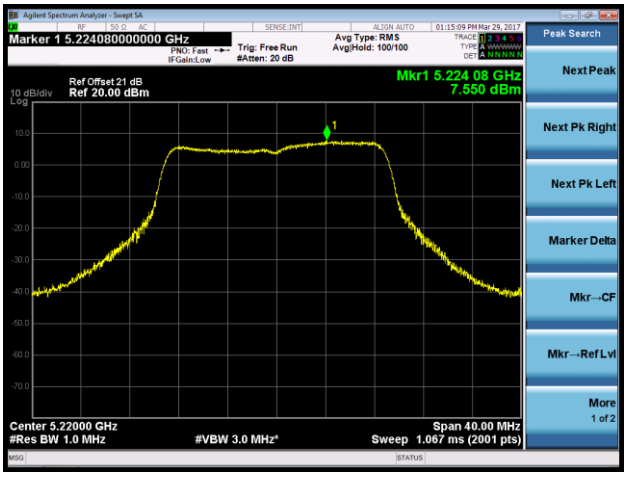


802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 +1

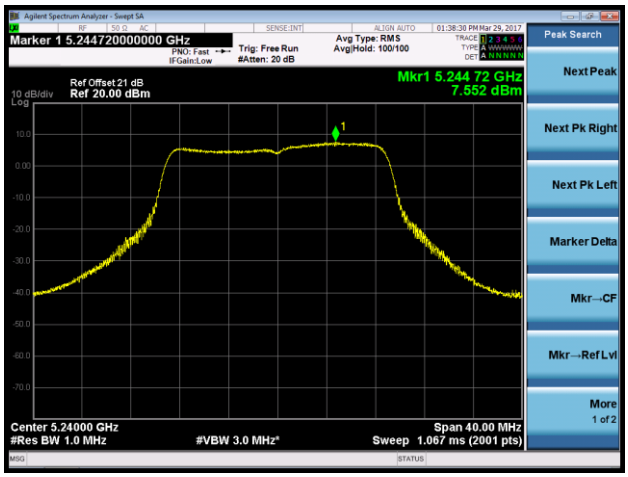
Channel 36 (5180MHz)



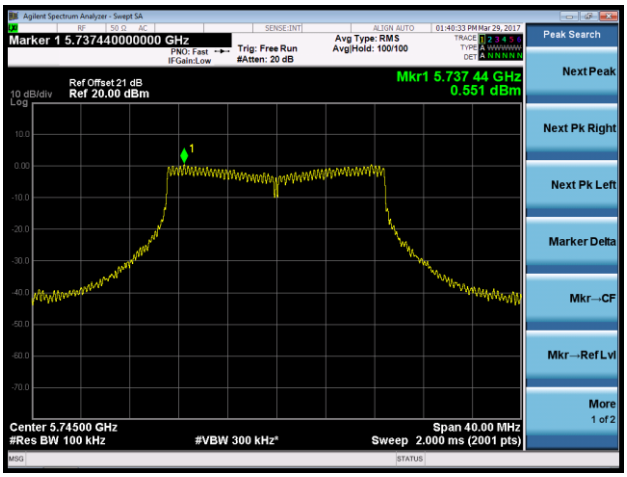
Channel 44 (5220MHz)



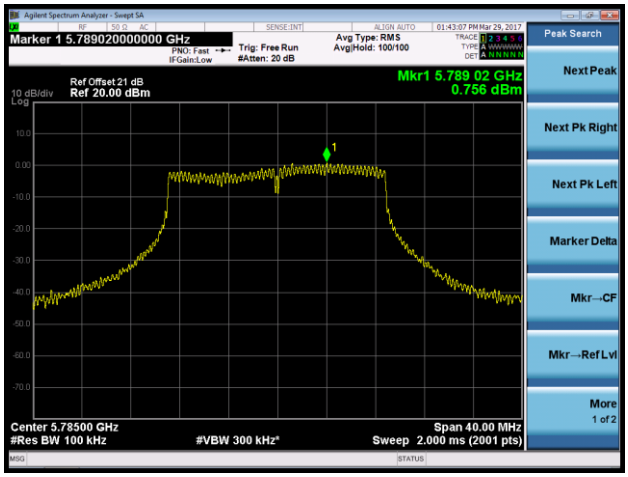
Channel 48 (5240MHz)



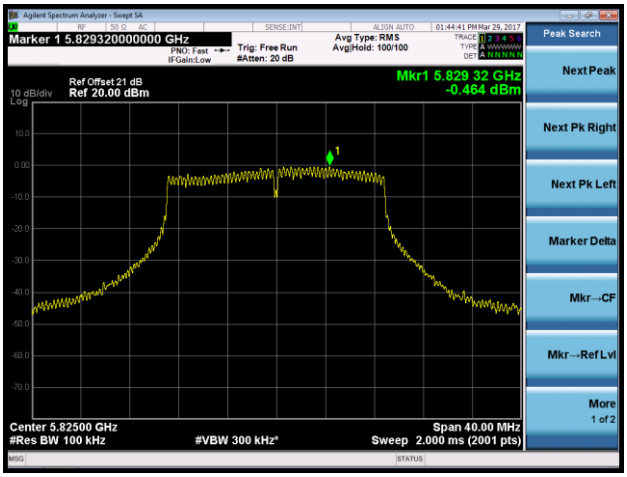
Channel 149 (5745MHz)



Channel 157 (5785MHz)

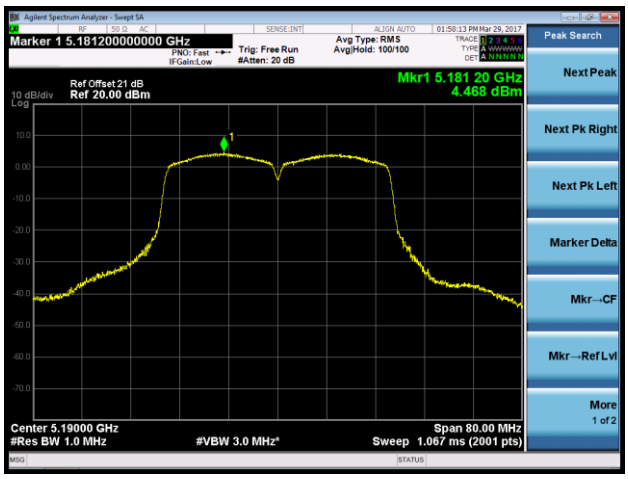


Channel 165 (5825MHz)

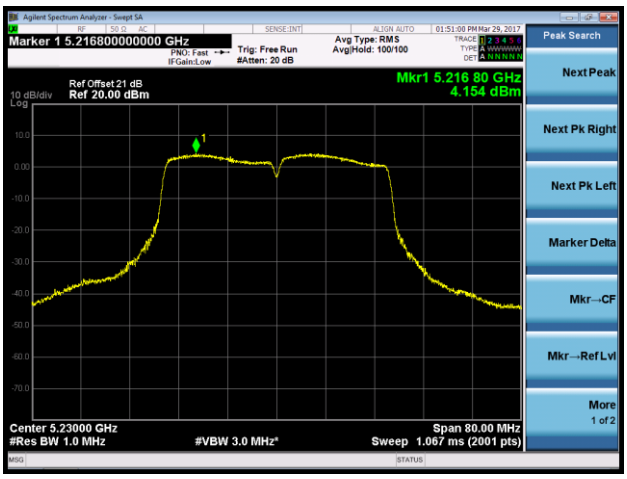


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 +1

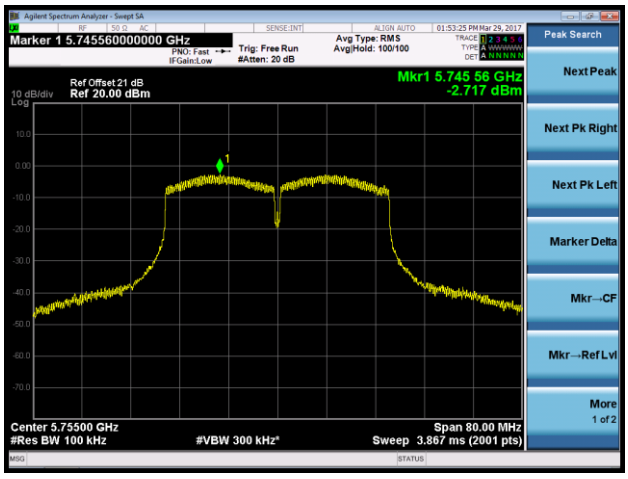
Channel 38 (5190MHz)



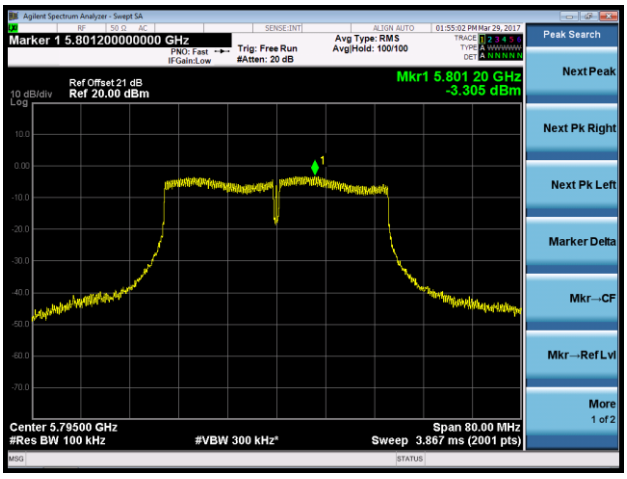
Channel 46 (5230MHz)

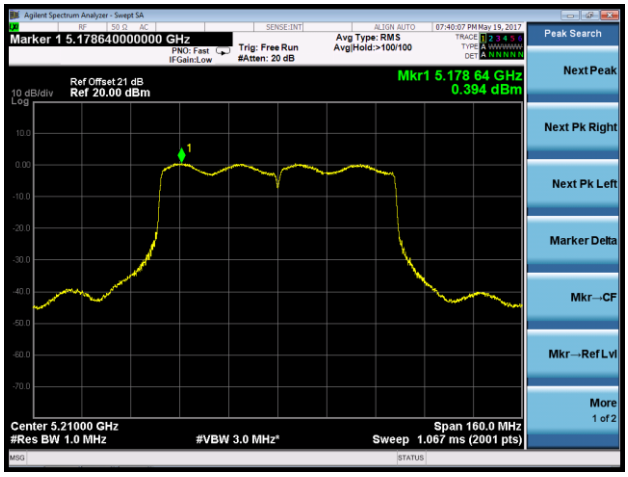
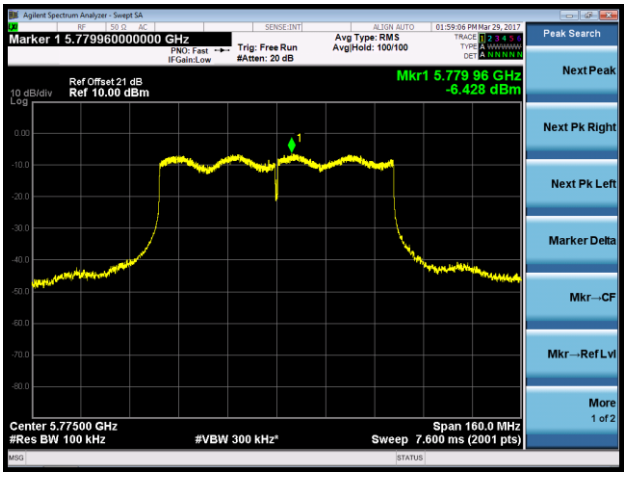


Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 +1	
Channel 42 (5210MHz)	**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.

7.6.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

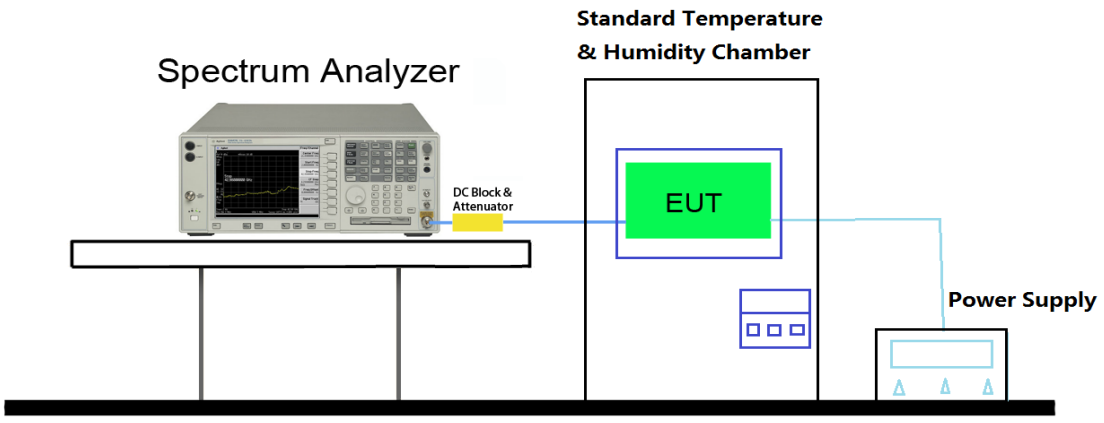
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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	Milo Li	Temperature	-30 ~ 50°C
Test Time	2017/04/15	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-5.38	-6.23	-7.68	-4.94
		- 20	-6.86	-6.84	-9.07	-5.56
		- 10	-7.98	-8.59	-9.13	-6.54
		0	-9.02	-9.12	-10.61	-8.31
		+ 10	-10.02	-10.12	-10.61	-9.31
		+ 20 (Ref)	-10.88	-11.10	-11.27	-10.56
		+ 30	-11.03	-11.91	-11.55	-12.30
		+ 40	-10.27	-10.76	-10.54	-10.34
		+ 50	-12.00	-13.13	-12.20	-12.02
115%	138	+ 20	-11.38	-11.32	-10.64	-10.90
85%	102	+ 20	-12.78	-13.59	-13.58	-13.35

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 D02v01r04 – 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

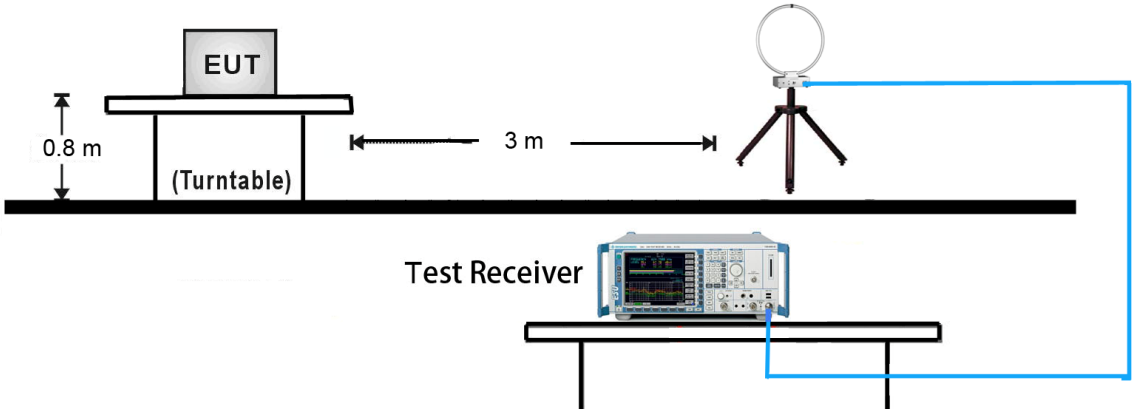
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

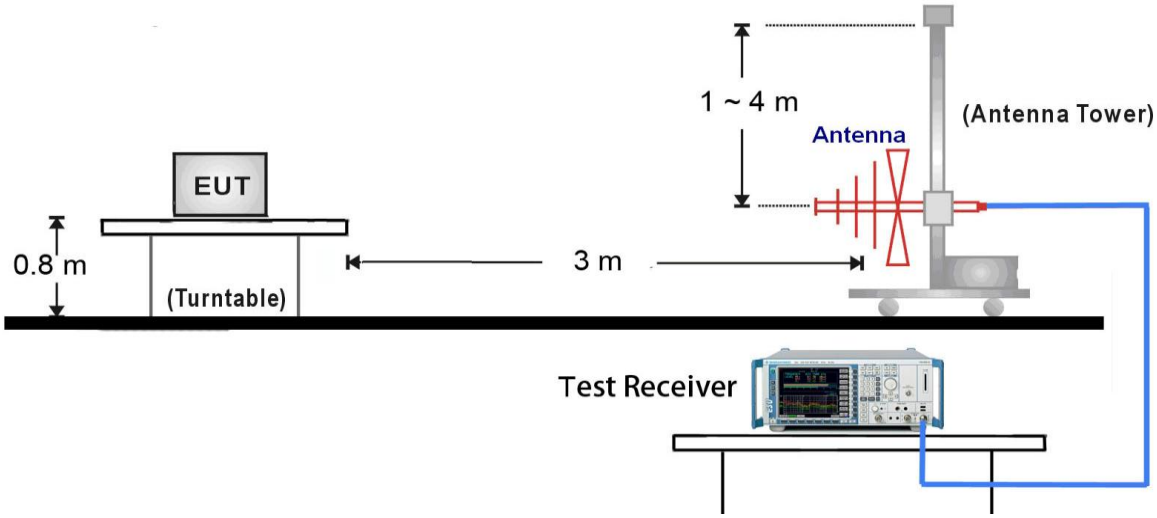
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.7.4.Test Setup

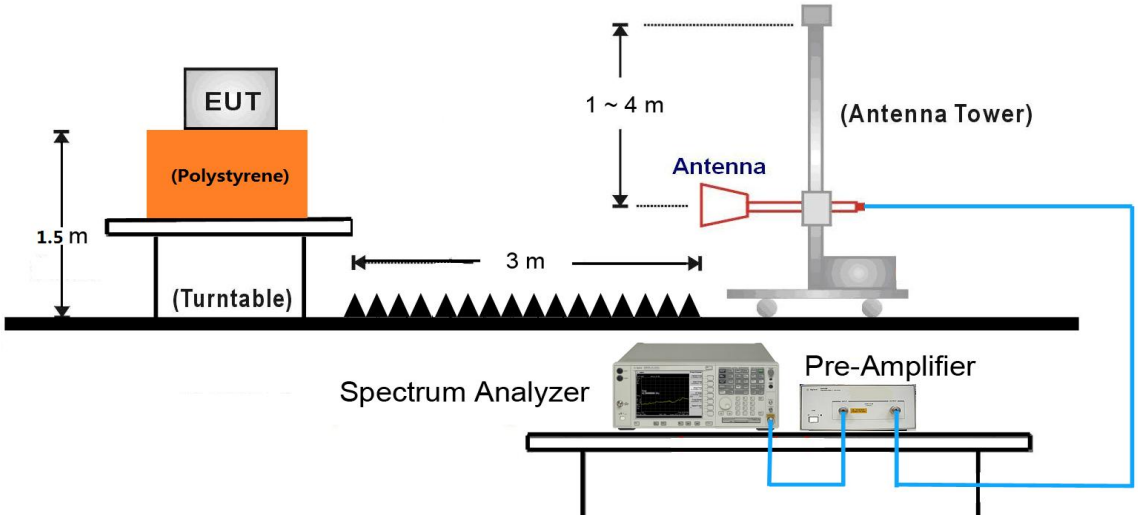
9kHz ~ 30MHz Test Setup:



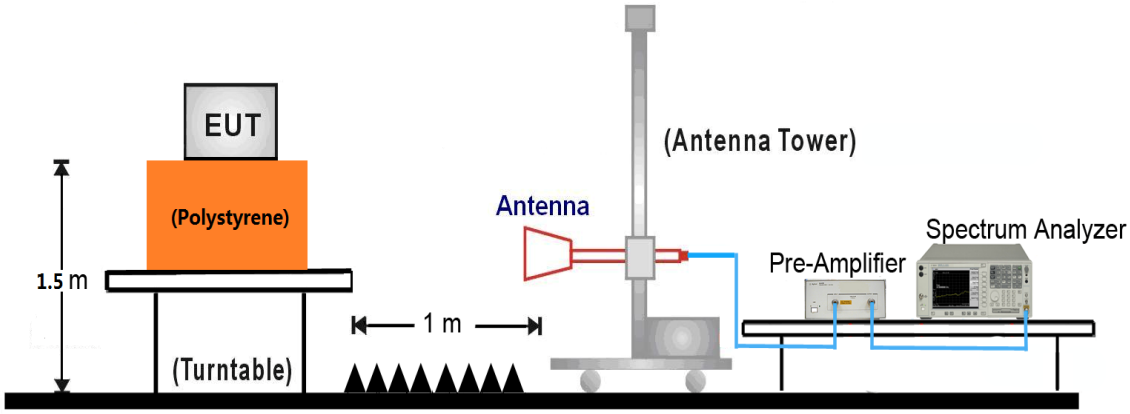
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.7.5.Test Result

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	36.1	7.9	44.0	74.0	-30.0	Peak	Horizontal
	11523.0	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	13767.0	37.2	14.2	51.4	68.2	-16.8	Peak	Horizontal
*	17371.0	35.6	17.0	52.6	68.2	-15.6	Peak	Horizontal
	8293.0	35.3	8.0	43.3	74.0	-30.7	Peak	Vertical
	11531.5	35.3	12.7	48.0	74.0	-26.0	Peak	Vertical
*	14081.5	36.3	15.1	51.4	68.2	-16.8	Peak	Vertical
*	17328.5	35.3	16.7	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8420.5	35.5	8.2	43.7	74.0	-30.3	Peak	Horizontal
	11310.5	35.7	12.5	48.2	74.0	-25.8	Peak	Horizontal
*	14175.0	37.0	15.3	52.3	74.0	-21.7	Peak	Horizontal
*	17090.5	35.3	15.6	50.9	74.0	-23.1	Peak	Horizontal
	8412.0	36.4	8.1	44.5	74.0	-29.5	Peak	Vertical
	10707.0	35.9	12.4	48.3	74.0	-25.7	Peak	Vertical
*	13954.0	37.0	14.7	51.7	68.2	-16.5	Peak	Vertical
*	17583.5	35.5	18.1	53.6	68.2	-14.6	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8182.5	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
	10962.0	35.0	13.1	48.1	74.0	-25.9	Peak	Horizontal
*	13996.5	37.3	14.9	52.2	68.2	-16.0	Peak	Horizontal
*	17515.5	36.0	17.6	53.6	68.2	-14.6	Peak	Horizontal
	8318.5	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
	11030.0	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
*	13869.0	37.2	14.6	51.8	68.2	-16.4	Peak	Vertical
*	17379.5	35.1	17.0	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8327.0	35.2	8.0	43.2	74.0	-30.8	Peak	Horizontal
	11489.0	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	14064.5	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	16827.0	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
	9415.0	33.5	10.6	44.1	74.0	-29.9	Peak	Vertical
	11489.0	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
*	13826.5	34.2	14.5	48.7	68.2	-19.5	Peak	Vertical
*	17311.5	35.5	16.6	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9338.5	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	11557.0	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	13835.0	34.4	14.5	48.9	68.2	-19.3	Peak	Horizontal
*	17082.0	35.0	15.7	50.7	68.2	-17.5	Peak	Horizontal
	9134.5	34.7	9.7	44.4	74.0	-29.6	Peak	Vertical
	12500.5	36.2	11.4	47.6	74.0	-26.4	Peak	Vertical
*	14005.0	34.2	14.9	49.1	68.2	-19.1	Peak	Vertical
*	17439.0	35.4	17.1	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:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	34.7	8.1	42.8	74.0	-31.2	Peak	Horizontal
	11370.0	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
*	13962.5	34.2	14.7	48.9	68.2	-19.3	Peak	Horizontal
*	17031.0	35.0	15.5	50.5	68.2	-17.7	Peak	Horizontal
	9109.0	34.9	9.4	44.3	74.0	-29.7	Peak	Vertical
	10877.0	34.0	12.9	46.9	74.0	-27.1	Peak	Vertical
*	13656.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
*	17269.0	35.5	16.1	51.6	68.2	-16.6	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 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	35.5	8.1	43.6	74.0	-30.4	Peak	Horizontal
	10962.0	34.6	13.1	47.7	74.0	-26.3	Peak	Horizontal
*	14209.0	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	17320.0	35.2	16.7	51.9	68.2	-16.3	Peak	Horizontal
	7587.5	35.5	8.2	43.7	74.0	-30.3	Peak	Vertical
	10885.5	35.0	12.9	47.9	74.0	-26.1	Peak	Vertical
*	13996.5	36.9	14.9	51.8	68.2	-16.4	Peak	Vertical
*	16912.0	35.8	15.3	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 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	35.1	8.3	43.4	74.0	-30.6	Peak	Horizontal
	10741.0	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
*	13996.5	37.1	14.9	52.0	68.2	-16.2	Peak	Horizontal
*	17413.5	36.1	17.1	53.2	68.2	-15.0	Peak	Horizontal
	7502.5	35.6	8.3	43.9	74.0	-30.1	Peak	Vertical
	11021.5	34.3	13.0	47.3	74.0	-26.7	Peak	Vertical
*	14115.5	36.9	15.2	52.1	68.2	-16.1	Peak	Vertical
*	17362.5	35.5	16.9	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 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	37.0	8.0	45.0	74.0	-29.0	Peak	Horizontal
	10953.5	35.3	13.1	48.4	74.0	-25.6	Peak	Horizontal
*	13988.0	37.2	14.9	52.1	68.2	-16.1	Peak	Horizontal
*	17413.5	35.4	17.1	52.5	68.2	-15.7	Peak	Horizontal
	9330.0	37.5	10.4	47.9	74.0	-26.1	Peak	Vertical
	11004.5	35.2	13.0	48.2	74.0	-25.8	Peak	Vertical
*	13962.5	36.8	14.7	51.5	68.2	-16.7	Peak	Vertical
*	17379.5	34.4	17.0	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 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8208.0	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
	11489.0	36.0	12.8	48.8	74.0	-25.2	Peak	Horizontal
*	13869.0	34.2	14.6	48.8	68.2	-19.4	Peak	Horizontal
*	16623.0	36.3	14.0	50.3	68.2	-17.9	Peak	Horizontal
	9194.0	34.3	10.1	44.4	74.0	-29.6	Peak	Vertical
	11489.0	36.5	12.8	49.3	74.0	-24.7	Peak	Vertical
*	14260.0	34.3	15.5	49.8	68.2	-18.4	Peak	Vertical
*	16801.5	35.9	14.8	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:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8174.0	34.2	8.4	42.6	74.0	-31.4	Peak	Horizontal
	11574.0	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
*	14345.0	34.7	15.5	50.2	68.2	-18.0	Peak	Horizontal
*	17549.5	34.7	18.0	52.7	68.2	-15.5	Peak	Horizontal
	9126.0	34.3	9.7	44.0	74.0	-30.0	Peak	Vertical
	11565.5	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
*	14064.5	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	17320.0	35.2	16.7	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9160.0	34.7	9.8	44.5	74.0	-29.5	Peak	Horizontal
	10885.5	33.8	12.9	46.7	74.0	-27.3	Peak	Horizontal
*	14073.0	34.2	15.1	49.3	68.2	-18.9	Peak	Horizontal
*	16835.5	35.7	15.0	50.7	68.2	-17.5	Peak	Horizontal
	8165.5	34.0	8.4	42.4	74.0	-31.6	Peak	Vertical
	10953.5	33.6	13.1	46.7	74.0	-27.3	Peak	Vertical
*	14260.0	34.3	15.5	49.8	68.2	-18.4	Peak	Vertical
*	16937.5	35.6	15.4	51.0	68.2	-17.2	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-HT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
	10936.5	35.5	13.0	48.5	74.0	-25.5	Peak	Horizontal
*	14183.5	37.1	15.4	52.5	68.2	-15.7	Peak	Horizontal
*	17252.0	37.5	16.1	53.6	68.2	-14.6	Peak	Horizontal
	7519.5	35.4	8.3	43.7	74.0	-30.3	Peak	Vertical
	11293.5	35.8	12.5	48.3	74.0	-25.7	Peak	Vertical
*	13911.5	36.2	14.6	50.8	68.2	-17.4	Peak	Vertical
*	17507.0	34.5	17.5	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	35.5	8.1	43.6	74.0	-30.4	Peak	Horizontal
	10970.5	35.6	13.1	48.7	74.0	-25.3	Peak	Horizontal
*	14013.5	37.1	14.9	52.0	68.2	-16.2	Peak	Horizontal
*	17158.5	36.6	15.7	52.3	68.2	-15.9	Peak	Horizontal
	8463.0	37.0	8.2	45.2	74.0	-28.8	Peak	Vertical
	11004.5	34.9	13.0	47.9	74.0	-26.1	Peak	Vertical
*	14158.0	36.4	15.3	51.7	68.2	-16.5	Peak	Vertical
*	17320.0	34.8	16.7	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 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8140.0	34.6	8.5	43.1	74.0	-30.9	Peak	Horizontal
	10732.5	34.4	12.5	46.9	74.0	-27.1	Peak	Horizontal
*	14149.5	34.1	15.3	49.4	68.2	-18.8	Peak	Horizontal
*	16793.0	36.3	14.8	51.1	68.2	-17.1	Peak	Horizontal
	8310.0	35.2	8.0	43.2	74.0	-30.8	Peak	Vertical
	10885.5	34.8	12.9	47.7	74.0	-26.3	Peak	Vertical
*	14141.0	34.0	15.3	49.3	68.2	-18.9	Peak	Vertical
*	17354.0	35.4	16.9	52.3	68.2	-15.9	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:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	d
	8174.0	34.7	8.4	43.1	74.0	-30.9	Peak	Horizontal
	11591.0	34.7	12.6	47.3	74.0	-26.7	Peak	Horizontal
*	15033.5	35.5	14.6	50.1	68.2	-18.1	Peak	Horizontal
*	16623.0	35.5	14.0	49.5	68.2	-18.7	Peak	Horizontal
	8276.0	34.9	8.1	43.0	74.0	-31.0	Peak	Vertical
	11166.0	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
*	14574.5	35.4	15.6	51.0	68.2	-17.2	Peak	Vertical
*	16861.0	34.9	15.2	50.1	68.2	-18.1	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:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	36.0	8.2	44.2	74.0	-29.8	Peak	Horizontal
	10970.5	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	14056.0	36.6	15.1	51.7	68.2	-16.5	Peak	Horizontal
*	17541.0	35.6	17.9	53.5	68.2	-14.7	Peak	Horizontal
	8199.5	34.8	8.3	43.1	74.0	-30.9	Peak	Vertical
	11489.0	36.0	12.8	48.8	74.0	-25.2	Peak	Vertical
*	14124.0	36.4	15.3	51.7	68.2	-16.5	Peak	Vertical
*	17371.0	35.3	17.0	52.3	68.2	-15.9	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 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8233.5	35.6	8.2	43.8	74.0	-30.2	Peak	Horizontal
	10996.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
*	14073.0	37.0	15.1	52.1	68.2	-16.1	Peak	Horizontal
*	17320.0	35.1	16.7	51.8	68.2	-16.4	Peak	Horizontal
	8276.0	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	10970.5	35.4	13.1	48.5	74.0	-25.5	Peak	Vertical
*	13835.0	37.4	14.5	51.9	68.2	-16.3	Peak	Vertical
*	17413.5	36.1	17.1	53.2	68.2	-15.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8420.5	36.5	8.2	44.7	74.0	-29.3	Peak	Horizontal
	10860.0	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	13928.5	36.7	14.7	51.4	68.2	-16.8	Peak	Horizontal
*	17328.5	35.7	16.7	52.4	68.2	-15.8	Peak	Horizontal
	8250.5	35.7	8.1	43.8	74.0	-30.2	Peak	Vertical
	10877.0	34.6	12.9	47.5	74.0	-26.5	Peak	Vertical
*	14005.0	37.4	14.9	52.3	68.2	-15.9	Peak	Vertical
*	17320.0	35.3	16.7	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8250.5	35.3	8.1	43.4	74.0	-30.6	Peak	Horizontal
	11480.5	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
*	14311.0	33.8	15.6	49.4	68.2	-18.8	Peak	Horizontal
*	17022.5	35.9	15.5	51.4	68.2	-16.8	Peak	Horizontal
	8089.0	35.3	8.6	43.9	74.0	-30.1	Peak	Vertical
	11489.0	36.9	12.8	49.7	74.0	-24.3	Peak	Vertical
*	13937.0	34.3	14.7	49.0	68.2	-19.2	Peak	Vertical
*	16929.0	34.8	15.4	50.2	68.2	-18.0	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 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9117.5	34.4	9.5	43.9	74.0	-30.1	Peak	Horizontal
	11565.5	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
*	14761.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	17090.5	35.7	15.6	51.3	68.2	-16.9	Peak	Horizontal
	9304.5	34.0	10.4	44.4	74.0	-29.6	Peak	Vertical
	11565.5	35.8	12.7	48.5	74.0	-25.5	Peak	Vertical
*	14149.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	17082.0	35.2	15.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8369.5	34.7	8.0	42.7	74.0	-31.3	Peak	Horizontal
	11429.5	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
*	14056.0	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	16767.5	35.6	14.7	50.3	68.2	-17.9	Peak	Horizontal
	9168.5	35.3	9.9	45.2	74.0	-28.8	Peak	Vertical
	11004.5	34.5	13.0	47.5	74.0	-26.5	Peak	Vertical
*	13945.5	34.7	14.7	49.4	68.2	-18.8	Peak	Vertical
*	16784.5	36.4	14.8	51.2	68.2	-17.0	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-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8301.5	35.0	8.0	43.0	74.0	-31.0	Peak	Horizontal
	10673.0	35.7	12.3	48.0	74.0	-26.0	Peak	Horizontal
*	13699.0	36.7	14.0	50.7	68.2	-17.5	Peak	Horizontal
*	17124.5	34.7	15.6	50.3	68.2	-17.9	Peak	Horizontal
	8165.5	33.7	8.4	42.1	74.0	-31.9	Peak	Vertical
	11004.5	34.8	13.0	47.8	74.0	-26.2	Peak	Vertical
*	13877.5	36.8	14.6	51.4	68.2	-16.8	Peak	Vertical
*	17371.0	36.1	17.0	53.1	68.2	-15.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	34.4	8.3	42.7	74.0	-31.3	Peak	Horizontal
	11268.0	34.9	12.4	47.3	74.0	-26.7	Peak	Horizontal
*	13869.0	36.8	14.6	51.4	68.2	-16.8	Peak	Horizontal
*	17167.0	36.2	15.8	52.0	68.2	-16.2	Peak	Horizontal
	8063.5	35.3	8.7	44.0	74.0	-30.0	Peak	Vertical
	11064.0	35.0	12.8	47.8	74.0	-26.2	Peak	Vertical
*	13843.5	36.9	14.5	51.4	68.2	-16.8	Peak	Vertical
*	17549.5	35.3	18.0	53.3	68.2	-14.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9185.5	33.6	10.0	43.6	74.0	-30.4	Peak	Horizontal
	11514.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	14056.0	34.2	15.1	49.3	68.2	-18.9	Peak	Horizontal
*	17039.5	35.6	15.5	51.1	68.2	-17.1	Peak	Horizontal
	8174.0	34.7	8.4	43.1	74.0	-30.9	Peak	Vertical
	11506.0	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	14226.0	33.8	15.4	49.2	68.2	-19.0	Peak	Vertical
*	16980.0	35.0	15.4	50.4	68.2	-17.8	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 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8089.0	35.4	8.6	44.0	74.0	-30.0	Peak	Horizontal
	10851.5	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
*	14226.0	34.6	15.4	50.0	68.2	-18.2	Peak	Horizontal
*	16852.5	36.3	15.1	51.4	68.2	-16.8	Peak	Horizontal
	8097.5	35.0	8.6	43.6	74.0	-30.4	Peak	Vertical
	11582.5	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
*	13886.0	34.3	14.6	48.9	68.2	-19.3	Peak	Vertical
*	17379.5	35.4	17.0	52.4	68.2	-15.8	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-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	42	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
	11038.5	35.0	12.9	47.9	74.0	-26.1	Peak	Horizontal
*	13843.5	37.2	14.5	51.7	68.2	-16.5	Peak	Horizontal
*	17320.0	35.6	16.7	52.3	68.2	-15.9	Peak	Horizontal
	7630.0	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
	10987.5	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
*	13962.5	36.6	14.7	51.3	68.2	-16.9	Peak	Vertical
*	17362.5	35.4	16.9	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	155	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8157.0	35.5	8.4	43.9	74.0	-30.1	Peak	Horizontal
	11030.0	34.2	13.0	47.2	74.0	-26.8	Peak	Horizontal
*	14209.0	33.9	15.4	49.3	68.2	-18.9	Peak	Horizontal
*	16852.5	35.8	15.1	50.9	68.2	-17.3	Peak	Horizontal
	8293.0	34.9	8.0	42.9	74.0	-31.1	Peak	Vertical
	11370.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
*	13682.0	35.8	14.0	49.8	68.2	-18.4	Peak	Vertical
*	17354.0	35.2	16.9	52.1	68.2	-16.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10996.0	36.0	13.0	49.0	74.0	-25.0	Peak	Horizontal
	15537.3	41.3	12.2	53.5	74.0	-20.5	Peak	Horizontal
	15537.3	26.6	12.2	38.8	54.0	-15.2	Average	Horizontal
*	16461.5	36.6	13.3	49.9	68.2	-18.3	Peak	Horizontal
*	17405.0	35.7	17.1	52.8	68.2	-15.4	Peak	Horizontal
*	8650.0	36.2	8.8	45.0	68.2	-23.2	Peak	Vertical
*	10367.0	37.8	12.2	50.0	68.2	-18.2	Peak	Vertical
	11004.5	35.3	13.0	48.3	74.0	-25.7	Peak	Vertical
	15537.3	46.6	12.2	58.8	74.0	-15.2	Peak	Vertical
	15537.3	29.4	12.2	41.6	54.0	-12.4	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	35.6	8.4	44.0	74.0	-30.0	Peak	Horizontal
	11353.0	36.1	12.5	48.6	74.0	-25.4	Peak	Horizontal
*	13945.5	37.9	14.7	52.6	68.2	-15.6	Peak	Horizontal
*	17362.5	36.6	16.9	53.5	68.2	-14.7	Peak	Horizontal
*	8624.5	36.4	8.8	45.2	68.2	-23.0	Peak	Vertical
*	10443.5	37.0	12.0	49.0	68.2	-19.2	Peak	Vertical
	11506.0	36.4	12.8	49.2	74.0	-24.8	Peak	Vertical
	15662.5	40.6	12.0	52.6	74.0	-21.4	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8318.5	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
	11540.0	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	13988.0	37.6	14.9	52.5	68.2	-15.7	Peak	Horizontal
*	17413.5	35.8	17.1	52.9	68.2	-15.3	Peak	Horizontal
	8276.0	35.8	8.1	43.9	74.0	-30.1	Peak	Vertical
	9364.0	35.4	10.5	45.9	74.0	-28.1	Peak	Vertical
*	10477.5	37.9	12.2	50.1	68.2	-18.1	Peak	Vertical
*	14192.0	36.7	15.4	52.1	68.2	-16.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
	10715.5	34.8	12.4	47.2	74.0	-26.8	Peak	Horizontal
*	14005.0	36.9	14.9	51.8	68.2	-16.4	Peak	Horizontal
*	17320.0	35.5	16.7	52.2	68.2	-16.0	Peak	Horizontal
	8182.5	35.0	8.3	43.3	74.0	-30.7	Peak	Vertical
	11030.0	34.9	13.0	47.9	74.0	-26.1	Peak	Vertical
*	14319.5	37.0	15.6	52.6	68.2	-15.6	Peak	Vertical
*	17405.0	35.2	17.1	52.3	68.2	-15.9	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:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
	11089.5	35.3	12.8	48.1	74.0	-25.9	Peak	Horizontal
*	13996.5	36.5	14.9	51.4	68.2	-16.8	Peak	Horizontal
*	17031.0	36.4	15.5	51.9	68.2	-16.3	Peak	Horizontal
	8216.5	35.2	8.2	43.4	74.0	-30.6	Peak	Vertical
	10868.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
*	13903.0	37.7	14.6	52.3	68.2	-15.9	Peak	Vertical
*	17532.5	35.2	17.8	53.0	68.2	-15.2	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:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8131.5	34.8	8.5	43.3	74.0	-30.7	Peak	Horizontal
	11370.0	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	13903.0	37.7	14.6	52.3	68.2	-15.9	Peak	Horizontal
*	17532.5	35.2	17.8	53.0	68.2	-15.2	Peak	Horizontal
	8301.5	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
	10902.5	34.6	13.0	47.6	74.0	-26.4	Peak	Vertical
*	14005.0	37.5	14.9	52.4	68.2	-15.8	Peak	Vertical
*	17320.0	35.4	16.7	52.1	68.2	-16.1	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	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10979.0	35.2	13.0	48.2	74.0	-25.8	Peak	Horizontal
	15544.0	40.9	12.2	53.1	74.0	-20.9	Peak	Horizontal
	15544.0	24.5	12.2	36.7	54.0	-17.3	Average	Horizontal
*	16691.0	36.0	14.4	50.4	68.2	-17.8	Peak	Horizontal
*	17354.0	35.8	16.9	52.7	68.2	-15.5	Peak	Horizontal
*	8599.0	35.7	8.7	44.4	68.2	-23.8	Peak	Vertical
*	10358.5	38.1	12.2	50.3	68.2	-17.9	Peak	Vertical
	10885.5	35.5	12.9	48.4	74.0	-25.6	Peak	Vertical
	15544.2	43.4	12.2	55.6	74.0	-18.4	Peak	Vertical
	15544.2	26.9	12.2	39.1	54.0	-14.9	Average	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	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9381.0	34.5	10.5	45.0	74.0	-29.0	Peak	Horizontal
	11616.5	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
*	14064.5	34.7	15.1	49.8	68.2	-18.4	Peak	Horizontal
*	17320.0	35.2	16.7	51.9	68.2	-16.3	Peak	Horizontal
*	8922.0	35.9	9.1	45.0	68.2	-23.2	Peak	Vertical
*	10443.5	37.2	12.0	49.2	68.2	-19.0	Peak	Vertical
	11514.5	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
	15660.7	41.4	12.0	53.4	74.0	-20.6	Peak	Vertical
	15660.7	23.1	12.0	35.1	54.0	-18.9	Average	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11455.0	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	15722.0	38.2	11.8	50.0	74.0	-24.0	Peak	Horizontal
*	16733.5	35.8	14.6	50.4	68.2	-17.8	Peak	Horizontal
*	17405.0	34.7	17.1	51.8	68.2	-16.4	Peak	Horizontal
*	8616.0	35.4	8.8	44.2	68.2	-24.0	Peak	Vertical
*	10486.0	37.6	12.3	49.9	68.2	-18.3	Peak	Vertical
	12152.0	35.0	11.8	46.8	74.0	-27.2	Peak	Vertical
	15713.5	39.1	11.8	50.9	74.0	-23.1	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	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	35.1	8.1	43.2	74.0	-30.8	Peak	Horizontal
	10970.5	34.4	13.1	47.5	74.0	-26.5	Peak	Horizontal
*	13877.5	37.0	14.6	51.6	68.2	-16.6	Peak	Horizontal
*	17311.5	36.1	16.6	52.7	68.2	-15.5	Peak	Horizontal
	8250.5	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	11004.5	34.4	13.0	47.4	74.0	-26.6	Peak	Vertical
*	13843.5	37.0	14.5	51.5	68.2	-16.7	Peak	Vertical
*	16971.5	36.0	15.4	51.4	68.2	-16.8	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-HT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8216.5	35.1	8.2	43.3	74.0	-30.7	Peak	Horizontal
	10928.0	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
*	14132.5	36.7	15.3	52.0	68.2	-16.2	Peak	Horizontal
*	16971.5	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
	8284.5	35.6	8.1	43.7	74.0	-30.3	Peak	Vertical
	10902.5	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
*	14073.0	36.9	15.1	52.0	68.2	-16.2	Peak	Vertical
*	16980.0	35.8	15.4	51.2	68.2	-17.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8123.0	35.1	8.6	43.7	74.0	-30.3	Peak	Horizontal
	10894.0	34.7	12.9	47.6	74.0	-26.4	Peak	Horizontal
*	13911.5	37.1	14.6	51.7	68.2	-16.5	Peak	Horizontal
*	16793.0	36.0	14.8	50.8	68.2	-17.4	Peak	Horizontal
	8259.0	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	11004.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	14192.0	36.3	15.4	51.7	68.2	-16.5	Peak	Vertical
*	17320.0	35.4	16.7	52.1	68.2	-16.1	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	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9355.5	35.4	10.5	45.9	74.0	-28.1	Peak	Horizontal
	12033.0	34.8	12.0	46.8	74.0	-27.2	Peak	Horizontal
*	14047.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	17090.5	35.3	15.6	50.9	68.2	-17.3	Peak	Horizontal
	9117.5	35.9	9.5	45.4	74.0	-28.6	Peak	Vertical
	11693.0	35.4	12.0	47.4	74.0	-26.6	Peak	Vertical
*	14039.0	34.5	15.0	49.5	68.2	-18.7	Peak	Vertical
*	17073.5	36.4	15.6	52.0	68.2	-16.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8106.0	34.7	8.6	43.3	74.0	-30.7	Peak	Horizontal
	10902.5	35.1	13.0	48.1	74.0	-25.9	Peak	Horizontal
*	13996.5	34.3	14.9	49.2	68.2	-19.0	Peak	Horizontal
*	17447.5	35.0	17.1	52.1	68.2	-16.1	Peak	Horizontal
	8148.5	35.0	8.5	43.5	74.0	-30.5	Peak	Vertical
	9177.0	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
*	10460.5	37.0	12.1	49.1	68.2	-19.1	Peak	Vertical
*	14175.0	34.2	15.3	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:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8131.5	33.5	8.5	42.0	74.0	-32.0	Peak	Horizontal
	11013.0	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
*	13920.0	37.3	14.7	52.0	68.2	-16.2	Peak	Horizontal
*	17328.5	35.6	16.7	52.3	68.2	-15.9	Peak	Horizontal
	8199.5	35.1	8.3	43.4	74.0	-30.6	Peak	Vertical
	10996.0	36.0	13.0	49.0	74.0	-25.0	Peak	Vertical
*	13886.0	37.5	14.6	52.1	68.2	-16.1	Peak	Vertical
*	17320.0	35.0	16.7	51.7	68.2	-16.5	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	Test Site:	AC1
Test Channel:	159	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	d
	8250.5	34.9	8.1	43.0	74.0	-31.0	Peak	Horizontal
	11030.0	34.5	13.0	47.5	74.0	-26.5	Peak	Horizontal
*	13877.5	37.4	14.6	52.0	68.2	-16.2	Peak	Horizontal
*	17371.0	35.3	17.0	52.3	68.2	-15.9	Peak	Horizontal
	8386.5	35.3	8.1	43.4	74.0	-30.6	Peak	Vertical
	10996.0	34.9	13.0	47.9	74.0	-26.1	Peak	Vertical
*	13639.5	36.6	13.9	50.5	68.2	-17.7	Peak	Vertical
*	17345.5	35.5	16.8	52.3	68.2	-15.9	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	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9134.5	34.8	9.7	44.5	74.0	-29.5	Peak	Horizontal
	15569.0	23.6	12.1	35.7	54.0	-18.3	Average	Horizontal
	15569.0	39.0	12.1	51.1	74.0	-22.9	Peak	Horizontal
*	16903.5	35.2	15.3	50.5	68.2	-17.7	Peak	Horizontal
*	17422.0	34.8	17.1	51.9	68.2	-16.3	Peak	Horizontal
*	9585.0	34.8	10.9	45.7	68.2	-22.5	Peak	Vertical
*	10384.0	37.0	12.3	49.3	68.2	-18.9	Peak	Vertical
	11344.5	35.4	12.5	47.9	74.0	-26.1	Peak	Vertical
	15574.0	43.5	12.1	55.6	74.0	-18.4	Peak	Vertical
	15574.0	24.1	12.1	36.2	54.0	-17.8	Average	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	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11557.0	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
	15654.0	39.3	12.0	51.3	74.0	-22.7	Peak	Horizontal
*	16767.5	35.9	14.7	50.6	68.2	-17.6	Peak	Horizontal
*	17600.5	34.5	18.2	52.7	68.2	-15.5	Peak	Horizontal
*	9576.5	34.2	10.9	45.1	68.2	-23.1	Peak	Vertical
*	10435.0	37.5	12.0	49.5	68.2	-18.7	Peak	Vertical
	12118.0	35.0	11.9	46.9	74.0	-27.1	Peak	Vertical
	15661.3	40.2	12.0	52.2	74.0	-21.8	Peak	Vertical
	15661.3	22.9	12.0	34.9	54.0	-19.1	Average	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10885.5	34.3	12.9	47.2	74.0	-26.8	Peak	Horizontal
	15722.0	37.1	11.8	48.9	74.0	-25.1	Peak	Horizontal
*	16827.0	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	17320.0	35.1	16.7	51.8	68.2	-16.4	Peak	Horizontal
*	8582.0	34.8	8.6	43.4	68.2	-24.8	Peak	Vertical
*	10477.5	38.3	12.2	50.5	68.2	-17.7	Peak	Vertical
	12364.5	35.0	11.5	46.5	74.0	-27.5	Peak	Vertical
	15722.0	37.3	11.8	49.1	74.0	-24.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8293.0	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
	11353.0	34.9	12.5	47.4	74.0	-26.6	Peak	Horizontal
*	13835.0	36.6	14.5	51.1	68.2	-17.1	Peak	Horizontal
*	17371.0	35.8	17.0	52.8	68.2	-15.4	Peak	Horizontal
	8216.5	35.1	8.2	43.3	74.0	-30.7	Peak	Vertical
	10877.0	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
*	13920.0	37.0	14.7	51.7	68.2	-16.5	Peak	Vertical
*	17243.5	35.3	16.0	51.3	68.2	-16.9	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	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8225.0	35.2	8.2	43.4	74.0	-30.6	Peak	Horizontal
	11047.0	35.0	12.9	47.9	74.0	-26.1	Peak	Horizontal
*	13767.0	37.1	14.2	51.3	68.2	-16.9	Peak	Horizontal
*	17320.0	35.0	16.7	51.7	68.2	-16.5	Peak	Horizontal
	8429.0	36.7	8.2	44.9	74.0	-29.1	Peak	Vertical
	10945.0	34.9	13.1	48.0	74.0	-26.0	Peak	Vertical
*	13945.5	36.7	14.7	51.4	68.2	-16.8	Peak	Vertical
*	17090.5	35.6	15.6	51.2	68.2	-17.0	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	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	35.0	8.1	43.1	74.0	-30.9	Peak	Horizontal
	11047.0	35.0	12.9	47.9	74.0	-26.1	Peak	Horizontal
*	13886.0	36.6	14.6	51.2	68.2	-17.0	Peak	Horizontal
*	17379.5	34.8	17.0	51.8	68.2	-16.4	Peak	Horizontal
	8437.5	35.5	8.2	43.7	74.0	-30.3	Peak	Vertical
	10800.5	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
*	13767.0	37.6	14.2	51.8	68.2	-16.4	Peak	Vertical
*	17116.0	34.6	15.6	50.2	68.2	-18.0	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-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9194.0	34.3	10.1	44.4	74.0	-29.6	Peak	Horizontal
	11506.0	35.2	12.8	48.0	74.0	-26.0	Peak	Horizontal
*	13945.5	34.9	14.7	49.6	68.2	-18.6	Peak	Horizontal
*	17056.5	36.4	15.6	52.0	68.2	-16.2	Peak	Horizontal
	11030.0	34.2	13.0	47.2	74.0	-26.8	Peak	Vertical
	15569.0	37.0	12.1	49.1	74.0	-24.9	Peak	Vertical
*	16776.0	34.8	14.7	49.5	68.2	-18.7	Peak	Vertical
*	17549.5	34.5	18.0	52.5	68.2	-15.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8106.0	35.0	8.6	43.6	74.0	-30.4	Peak	Horizontal
	10987.5	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	14166.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
*	16793.0	35.4	14.8	50.2	68.2	-18.0	Peak	Horizontal
	8310.0	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
	11302.0	35.1	12.5	47.6	74.0	-26.4	Peak	Vertical
*	14200.5	34.4	15.4	49.8	68.2	-18.4	Peak	Vertical
*	16920.5	35.0	15.4	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:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8233.5	35.4	8.2	43.6	74.0	-30.4	Peak	Horizontal
	11310.5	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
*	13733.0	35.6	14.2	49.8	68.2	-18.4	Peak	Horizontal
*	17243.5	35.0	16.0	51.0	68.2	-17.2	Peak	Horizontal
	8259.0	35.8	8.1	43.9	74.0	-30.1	Peak	Vertical
	10749.5	34.8	12.5	47.3	74.0	-26.7	Peak	Vertical
*	14039.0	36.7	15.0	51.7	68.2	-16.5	Peak	Vertical
*	17337.0	35.3	16.7	52.0	68.2	-16.2	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 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	35.0	8.1	43.1	74.0	-30.9	Peak	Horizontal
	10911.0	34.9	13.0	47.9	74.0	-26.1	Peak	Horizontal
*	14081.5	36.6	15.1	51.7	68.2	-16.5	Peak	Horizontal
*	17158.5	35.9	15.7	51.6	68.2	-16.6	Peak	Horizontal
	8208.0	35.6	8.3	43.9	74.0	-30.1	Peak	Vertical
	11361.5	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
*	14073.0	37.5	15.1	52.6	68.2	-15.6	Peak	Vertical
*	17286.0	34.7	16.4	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:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	34.0	8.4	42.4	74.0	-31.6	Peak	Horizontal
	11047.0	34.0	12.9	46.9	74.0	-27.1	Peak	Horizontal
*	14107.0	34.5	15.2	49.7	68.2	-18.5	Peak	Horizontal
*	16886.5	35.2	15.2	50.4	68.2	-17.8	Peak	Horizontal
	9483.0	34.2	10.6	44.8	74.0	-29.2	Peak	Vertical
	10919.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	13996.5	34.2	14.9	49.1	68.2	-19.1	Peak	Vertical
*	16971.5	36.3	15.4	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:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8174.0	35.0	8.4	43.4	74.0	-30.6	Peak	Horizontal
	11013.0	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
*	14124.0	36.9	15.3	52.2	68.2	-16.0	Peak	Horizontal
*	17337.0	35.6	16.7	52.3	68.2	-15.9	Peak	Horizontal
	8191.0	35.2	8.3	43.5	74.0	-30.5	Peak	Vertical
	11064.0	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
*	13962.5	37.4	14.7	52.1	68.2	-16.1	Peak	Vertical
*	16861.0	35.2	15.2	50.4	68.2	-17.8	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)

CDD Mode

Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10919.5	34.7	13.0	47.7	74.0	-26.3	Peak	Horizontal
	15535.0	37.8	12.2	50.0	74.0	-24.0	Peak	Horizontal
*	16699.5	35.2	14.5	49.7	68.2	-18.5	Peak	Horizontal
*	17320.0	35.7	16.7	52.4	68.2	-15.8	Peak	Horizontal
*	8905.0	34.2	9.2	43.4	68.2	-24.8	Peak	Vertical
*	10358.5	37.2	12.2	49.4	68.2	-18.8	Peak	Vertical
	11514.5	34.3	12.8	47.1	74.0	-26.9	Peak	Vertical
	15541.1	41.2	12.2	53.4	74.0	-20.6	Peak	Vertical
	15541.1	25.2	12.2	37.4	54.0	-16.6	Average	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10919.5	34.8	13.0	47.8	74.0	-26.2	Peak	Horizontal
	15654.0	37.6	12.0	49.6	74.0	-24.4	Peak	Horizontal
*	16861.0	34.9	15.2	50.1	68.2	-18.1	Peak	Horizontal
*	17558.0	33.8	18.1	51.9	68.2	-16.3	Peak	Horizontal
*	8973.0	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
*	10435.0	37.3	12.0	49.3	68.2	-18.9	Peak	Vertical
	11659.0	35.1	12.3	47.4	74.0	-26.6	Peak	Vertical
	15662.5	37.9	12.0	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8480.0	35.1	8.3	43.4	74.0	-30.6	Peak	Horizontal
	10902.5	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	14107.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
*	16793.0	35.6	14.8	50.4	68.2	-17.8	Peak	Horizontal
*	8930.5	34.2	9.0	43.2	68.2	-25.0	Peak	Vertical
*	10486.0	38.5	12.3	50.8	68.2	-17.4	Peak	Vertical
	12500.5	35.9	11.4	47.3	74.0	-26.7	Peak	Vertical
	15722.0	37.8	11.8	49.6	74.0	-24.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8412.0	35.7	8.1	43.8	74.0	-30.2	Peak	Horizontal
	11489.0	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
*	13962.5	36.8	14.7	51.5	68.2	-16.7	Peak	Horizontal
*	17243.5	35.6	16.0	51.6	68.2	-16.6	Peak	Horizontal
	8199.5	34.6	8.3	42.9	74.0	-31.1	Peak	Vertical
	11489.0	38.6	12.8	51.4	74.0	-22.6	Peak	Vertical
*	13724.5	37.1	14.1	51.2	68.2	-17.0	Peak	Vertical
*	17235.0	36.0	15.9	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8148.5	35.2	8.5	43.7	74.0	-30.3	Peak	Horizontal
	11574.0	37.4	12.6	50.0	74.0	-24.0	Peak	Horizontal
*	13903.0	37.0	14.6	51.6	68.2	-16.6	Peak	Horizontal
*	16861.0	35.6	15.2	50.8	68.2	-17.4	Peak	Horizontal
	8276.0	36.4	8.1	44.5	74.0	-29.5	Peak	Vertical
	11574.0	37.2	12.6	49.8	74.0	-24.2	Peak	Vertical
*	13954.0	37.4	14.7	52.1	68.2	-16.1	Peak	Vertical
*	17056.5	35.6	15.6	51.2	68.2	-17.0	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:	802.11a - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8420.5	35.2	8.2	43.4	74.0	-30.6	Peak	Horizontal
	10953.5	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
*	13962.5	36.6	14.7	51.3	68.2	-16.9	Peak	Horizontal
*	17422.0	35.2	17.1	52.3	68.2	-15.9	Peak	Horizontal
	8165.5	34.9	8.4	43.3	74.0	-30.7	Peak	Vertical
	11642.0	37.2	12.4	49.6	74.0	-24.4	Peak	Vertical
*	13750.0	37.7	14.2	51.9	68.2	-16.3	Peak	Vertical
*	17320.0	35.6	16.7	52.3	68.2	-15.9	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:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	34.5	8.1	42.6	74.0	-31.4	Peak	Horizontal
	11506.0	34.7	12.8	47.5	74.0	-26.5	Peak	Horizontal
*	13962.5	34.5	14.7	49.2	68.2	-19.0	Peak	Horizontal
*	16937.5	36.1	15.4	51.5	68.2	-16.7	Peak	Horizontal
*	8811.5	34.9	9.0	43.9	68.2	-24.3	Peak	Vertical
*	10367.0	37.5	12.2	49.7	68.2	-18.5	Peak	Vertical
	11548.5	34.4	12.7	47.1	74.0	-26.9	Peak	Vertical
	15543.8	40.4	12.2	52.6	74.0	-21.4	Peak	Vertical
	15543.8	23.3	12.2	35.5	54.0	-18.5	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8607.5	35.6	8.8	44.4	68.2	-23.8	Peak	Horizontal
*	10443.5	35.9	12.0	47.9	68.2	-20.3	Peak	Horizontal
	11557.0	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
	15663.1	40.3	12.0	52.3	74.0	-21.7	Peak	Horizontal
	15663.1	22.5	12.0	34.5	54.0	-19.5	Average	Horizontal
*	9279.0	34.4	10.3	44.7	68.2	-23.5	Peak	Vertical
*	10443.5	40.3	12.0	52.3	68.2	-15.9	Peak	Vertical
	11625.0	34.7	12.5	47.2	74.0	-26.8	Peak	Vertical
	15661.9	40.3	12.0	52.3	74.0	-21.7	Peak	Vertical
	15661.9	22.9	12.0	34.9	54.0	-19.1	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	35.6	9.0	44.6	68.2	-23.6	Peak	Horizontal
*	10477.5	35.8	12.2	48.0	68.2	-20.2	Peak	Horizontal
	11574.0	34.8	12.6	47.4	74.0	-26.6	Peak	Horizontal
	15730.5	38.9	11.8	50.7	74.0	-23.3	Peak	Horizontal
*	8624.5	34.9	8.8	43.7	68.2	-24.5	Peak	Vertical
*	10477.5	40.4	12.2	52.6	68.2	-15.6	Peak	Vertical
	11565.5	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
	15722.6	40.1	11.8	51.9	74.0	-22.1	Peak	Vertical
	15722.6	22.4	11.8	34.2	54.0	-19.8	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	36.0	8.1	44.1	74.0	-29.9	Peak	Horizontal
	11489.0	37.8	12.8	50.6	74.0	-23.4	Peak	Horizontal
*	13988.0	37.5	14.9	52.4	68.2	-15.8	Peak	Horizontal
*	17243.5	36.3	16.0	52.3	68.2	-15.9	Peak	Horizontal
	8403.5	35.7	8.1	43.8	74.0	-30.2	Peak	Vertical
	11493.0	38.5	12.8	51.3	74.0	-22.7	Peak	Vertical
	11493.0	27.4	12.8	40.2	54.0	-13.8	Average	Vertical
*	13690.5	36.9	14.0	50.9	68.2	-17.3	Peak	Vertical
*	17235.0	36.5	15.9	52.4	68.2	-15.8	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-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	35.3	8.1	43.4	74.0	-30.6	Peak	Horizontal
	11565.5	36.5	12.7	49.2	74.0	-24.8	Peak	Horizontal
*	13784.0	36.9	14.3	51.2	68.2	-17.0	Peak	Horizontal
*	17362.5	35.2	16.9	52.1	68.2	-16.1	Peak	Horizontal
	8267.5	35.1	8.1	43.2	74.0	-30.8	Peak	Vertical
	11574.0	38.2	12.6	50.8	74.0	-23.2	Peak	Vertical
*	13979.5	36.9	14.8	51.7	68.2	-16.5	Peak	Vertical
*	17362.5	37.6	16.9	54.5	68.2	-13.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	35.6	8.3	43.9	74.0	-30.1	Peak	Horizontal
	11633.5	35.8	12.4	48.2	74.0	-25.8	Peak	Horizontal
*	13971.0	37.4	14.8	52.2	68.2	-16.0	Peak	Horizontal
*	17532.5	35.3	17.8	53.1	68.2	-15.1	Peak	Horizontal
	8208.0	34.4	8.3	42.7	74.0	-31.3	Peak	Vertical
	11659.0	36.8	12.3	49.1	74.0	-24.9	Peak	Vertical
*	13801.0	37.2	14.4	51.6	68.2	-16.6	Peak	Vertical
*	17311.5	35.2	16.6	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8259.0	35.2	8.1	43.3	74.0	-30.7	Peak	Horizontal
	11157.5	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	13724.5	34.3	14.1	48.4	68.2	-19.8	Peak	Horizontal
*	16818.5	35.2	14.9	50.1	68.2	-18.1	Peak	Horizontal
	8089.0	35.9	8.6	44.5	74.0	-29.5	Peak	Vertical
	11038.5	33.8	12.9	46.7	74.0	-27.3	Peak	Vertical
*	13597.0	34.2	13.9	48.1	68.2	-20.1	Peak	Vertical
*	16980.0	34.9	15.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8420.5	35.6	8.2	43.8	74.0	-30.2	Peak	Horizontal
	10902.5	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	13724.5	34.1	14.1	48.2	68.2	-20.0	Peak	Horizontal
*	16861.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
	7604.5	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	9117.5	34.2	9.5	43.7	74.0	-30.3	Peak	Vertical
*	10460.5	36.7	12.1	48.8	68.2	-19.4	Peak	Vertical
*	13869.0	34.3	14.6	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8293.0	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
	11497.5	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	14243.0	36.6	15.5	52.1	68.2	-16.1	Peak	Horizontal
*	17439.0	36.2	17.1	53.3	68.2	-14.9	Peak	Horizontal
	8259.0	34.9	8.1	43.0	74.0	-31.0	Peak	Vertical
	11506.0	36.3	12.8	49.1	74.0	-24.9	Peak	Vertical
*	13758.5	37.8	14.2	52.0	68.2	-16.2	Peak	Vertical
*	17252.0	36.1	16.1	52.2	68.2	-16.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	d
	8140.0	34.5	8.5	43.0	74.0	-31.0	Peak	Horizontal
	11412.5	35.4	12.6	48.0	74.0	-26.0	Peak	Horizontal
*	13826.5	36.6	14.5	51.1	68.2	-17.1	Peak	Horizontal
*	16920.5	35.4	15.4	50.8	68.2	-17.4	Peak	Horizontal
	8250.5	34.6	8.1	42.7	74.0	-31.3	Peak	Vertical
	11591.0	36.4	12.6	49.0	74.0	-25.0	Peak	Vertical
*	13707.5	36.8	14.1	50.9	68.2	-17.3	Peak	Vertical
*	17167.0	35.9	15.8	51.7	68.2	-16.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	35.0	8.4	43.4	74.0	-30.6	Peak	Horizontal
	10834.5	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	13928.5	34.5	14.7	49.2	68.2	-19.0	Peak	Horizontal
*	16631.5	35.3	14.0	49.3	68.2	-18.9	Peak	Horizontal
*	8616.0	34.9	8.8	43.7	68.2	-24.5	Peak	Vertical
*	10367.0	37.2	12.2	49.4	68.2	-18.8	Peak	Vertical
	11540.0	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
	15542.6	40.1	12.2	52.3	74.0	-21.7	Peak	Vertical
	15542.6	23.6	12.2	35.8	54.0	-18.2	Average	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8922.0	35.1	9.1	44.2	68.2	-24.0	Peak	Horizontal
*	10435.0	35.4	12.0	47.4	68.2	-20.8	Peak	Horizontal
	12007.5	35.6	11.9	47.5	74.0	-26.5	Peak	Horizontal
	15671.0	38.0	11.9	49.9	74.0	-24.1	Peak	Horizontal
*	8607.5	34.4	8.8	43.2	68.2	-25.0	Peak	Vertical
*	10443.5	38.5	12.0	50.5	68.2	-17.7	Peak	Vertical
	12075.5	34.4	12.0	46.4	74.0	-27.6	Peak	Vertical
	15662.5	38.1	12.0	50.1	74.0	-23.9	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 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8828.5	34.6	9.1	43.7	68.2	-24.5	Peak	Horizontal
*	10477.5	36.5	12.2	48.7	68.2	-19.5	Peak	Horizontal
	12041.5	34.8	12.0	46.8	74.0	-27.2	Peak	Horizontal
	15730.5	37.1	11.8	48.9	74.0	-25.1	Peak	Horizontal
	8692.5	34.6	9.0	43.6	74.0	-30.4	Peak	Vertical
	10486.0	40.3	12.3	52.6	74.0	-21.4	Peak	Vertical
*	11531.5	35.0	12.7	47.7	68.2	-20.5	Peak	Vertical
*	15730.5	38.0	11.8	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 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	35.9	8.1	44.0	74.0	-30.0	Peak	Horizontal
	11489.0	37.3	12.8	50.1	74.0	-23.9	Peak	Horizontal
*	13758.5	37.0	14.2	51.2	68.2	-17.0	Peak	Horizontal
*	17243.5	36.7	16.0	52.7	68.2	-15.5	Peak	Horizontal
	8191.0	35.2	8.3	43.5	74.0	-30.5	Peak	Vertical
	11493.4	38.9	12.8	51.7	74.0	-22.3	Peak	Vertical
	11493.4	26.8	12.8	39.6	54.0	-14.4	Average	Vertical
*	13937.0	37.0	14.7	51.7	68.2	-16.5	Peak	Vertical
*	17243.5	36.3	16.0	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8208.0	34.5	8.3	42.8	74.0	-31.2	Peak	Horizontal
	11574.0	35.9	12.6	48.5	74.0	-25.5	Peak	Horizontal
*	14064.5	37.4	15.1	52.5	68.2	-15.7	Peak	Horizontal
*	17362.5	36.6	16.9	53.5	68.2	-14.7	Peak	Horizontal
	8276.0	35.5	8.1	43.6	74.0	-30.4	Peak	Vertical
	11573.3	39.4	12.6	52.0	74.0	-22.0	Peak	Vertical
	11573.3	27.6	12.6	40.2	54.0	-13.8	Average	Vertical
*	14107.0	36.3	15.2	51.5	68.2	-16.7	Peak	Vertical
*	17362.5	37.4	16.9	54.3	68.2	-13.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	35.1	8.1	43.2	74.0	-30.8	Peak	Horizontal
	11455.0	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	13852.0	37.6	14.5	52.1	68.2	-16.1	Peak	Horizontal
*	17362.5	35.7	16.9	52.6	68.2	-15.6	Peak	Horizontal
	8242.0	35.2	8.1	43.3	74.0	-30.7	Peak	Vertical
	11650.5	36.7	12.3	49.0	74.0	-25.0	Peak	Vertical
*	13707.5	37.4	14.1	51.5	68.2	-16.7	Peak	Vertical
*	17481.5	35.9	17.3	53.2	68.2	-15.0	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-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8352.5	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
	10868.5	33.9	12.8	46.7	74.0	-27.3	Peak	Horizontal
*	13869.0	34.1	14.6	48.7	68.2	-19.5	Peak	Horizontal
*	17005.5	36.0	15.5	51.5	68.2	-16.7	Peak	Horizontal
	8208.0	34.3	8.3	42.6	74.0	-31.4	Peak	Vertical
	10911.0	33.8	13.0	46.8	74.0	-27.2	Peak	Vertical
*	13852.0	35.4	14.5	49.9	68.2	-18.3	Peak	Vertical
*	16878.0	34.9	15.2	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)