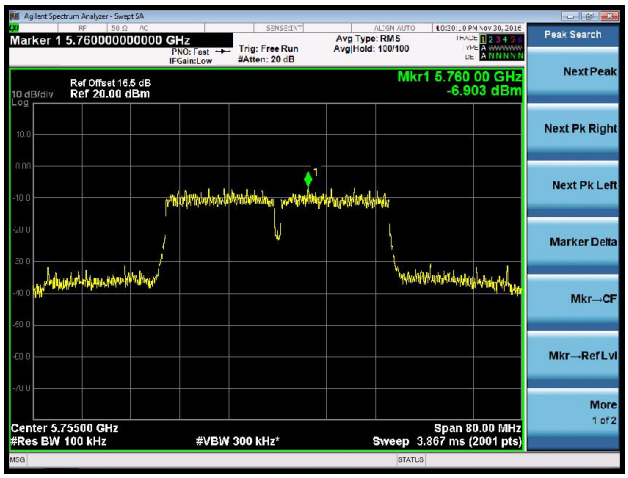
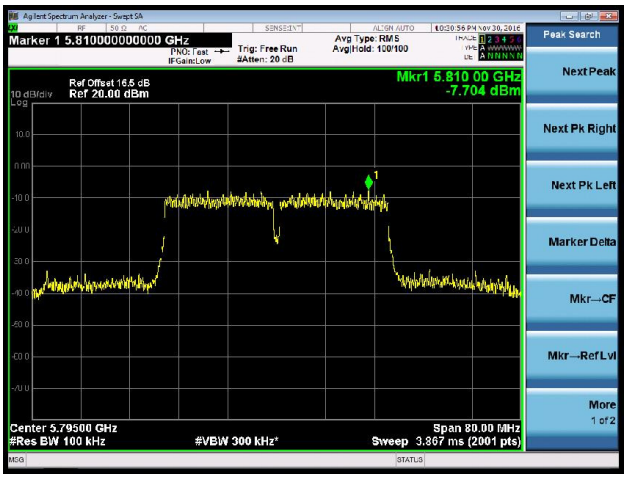
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

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

Channel 42 (5210MHz)

Channel 58 (5290MHz)

Channel 106 (5530MHz)

Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (5775MHz)

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

Channel 36 (5180MHz)

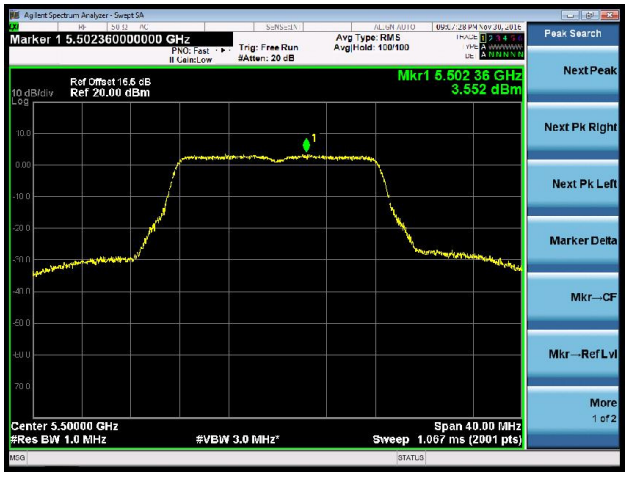
Channel 44 (5220MHz)

Channel 48 (5240MHz)

Channel 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 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 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

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

Channel 38 (5190MHz)

Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)

Channel 118 (5590MHz)

Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

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

Channel 36 (5180MHz)

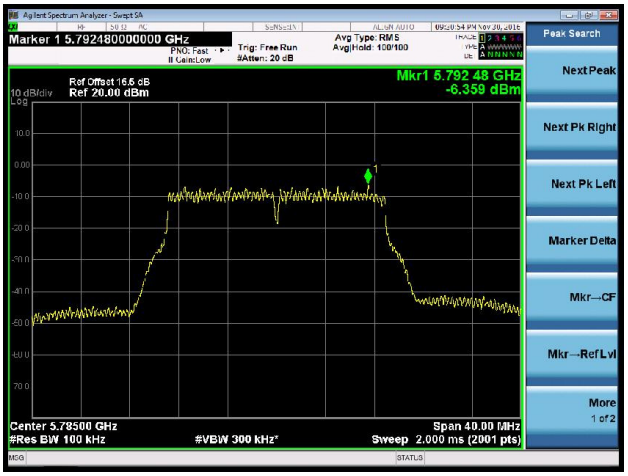
Channel 44 (5220MHz)

Channel 48 (5240MHz)

Channel 52 (5260MHz)

Channel 60 (5300MHz)

Channel 64 (5320MHz)

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

Channel 165 (5825MHz)	
	

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

Channel 38 (5190MHz)

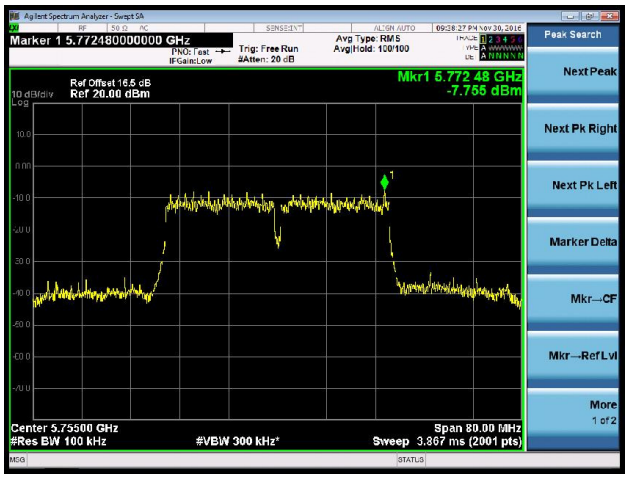
Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)

Channel 118 (5590MHz)

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

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

Channel 42 (5210MHz)

Channel 58 (5290MHz)

Channel 106 (5530MHz)

Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (5775MHz)

Frequency Stability Measurement

1.1.21. 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.

1.1.22. Test Procedure Used

Frequency Stability Under Temperature Variations:

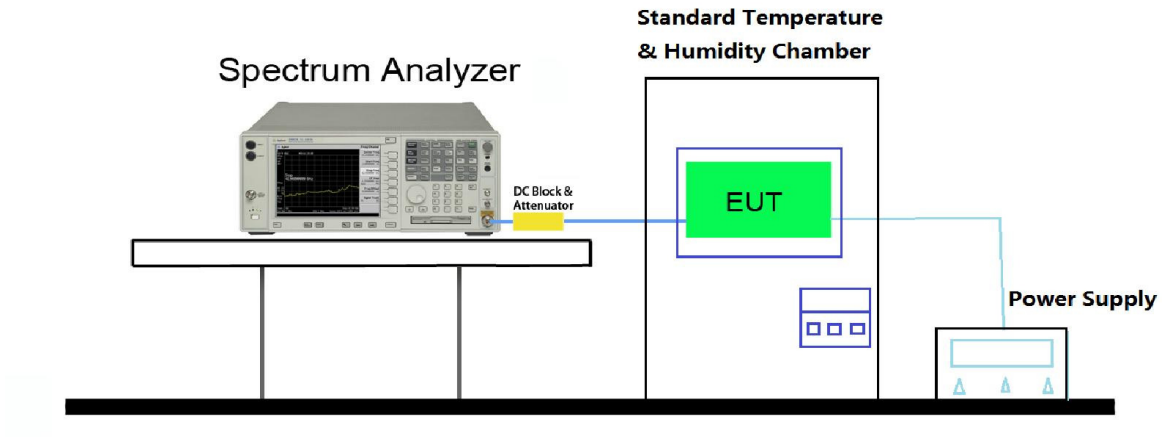
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

1.1.23. Test Setup



1.1.24. Test Result

Test Engineer	Vince Yu	Temperature	-30 ~ 50°C
Test Time	11-28-2016	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-3.23	-3.04	-2.23	-1.68
		- 20	-3.41	-3.18	-2.66	-1.94
		- 10	-3.16	-2.91	-2.03	-1.62
		0	-2.87	-2.33	-1.67	-1.02
		+ 10	-1.13	-1.82	-1.28	-0.31
		+ 20 (Ref)	-0.25	-1.63	-0.51	0.17
		+ 30	-1.39	-1.17	-1.18	-1.02
		+ 40	-1.99	-0.83	-1.52	-1.79
		+ 50	-2.03	-1.52	-2.34	-2.33
115%	138	+ 20	-2.45	-2.34	-2.90	-2.89
85%	102	+ 20	-3.02	-2.76	-3.32	-3.32

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

Radiated Spurious Emission Measurement

1.1.25. 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

1.1.26. Test Procedure Used

KDB 789033 D02v01r03 – Section G

1.1.27. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

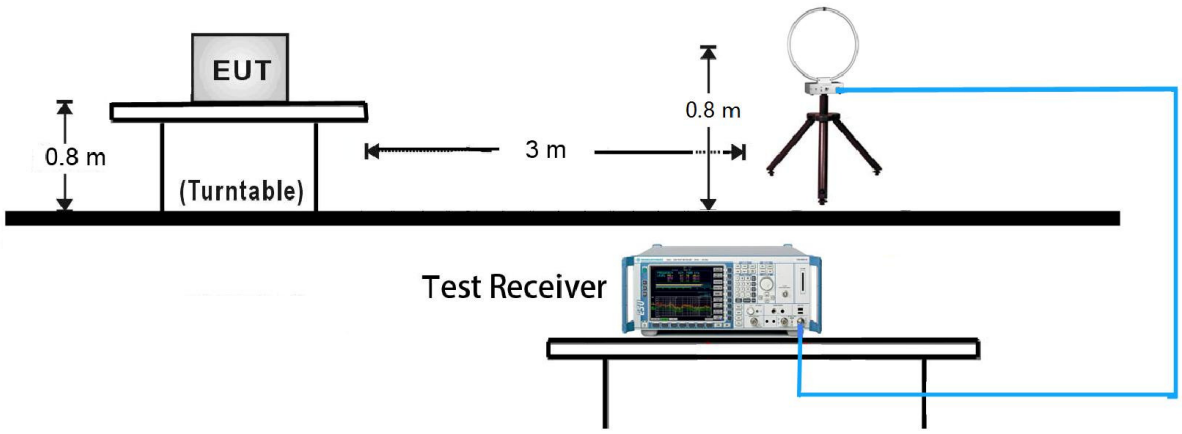
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

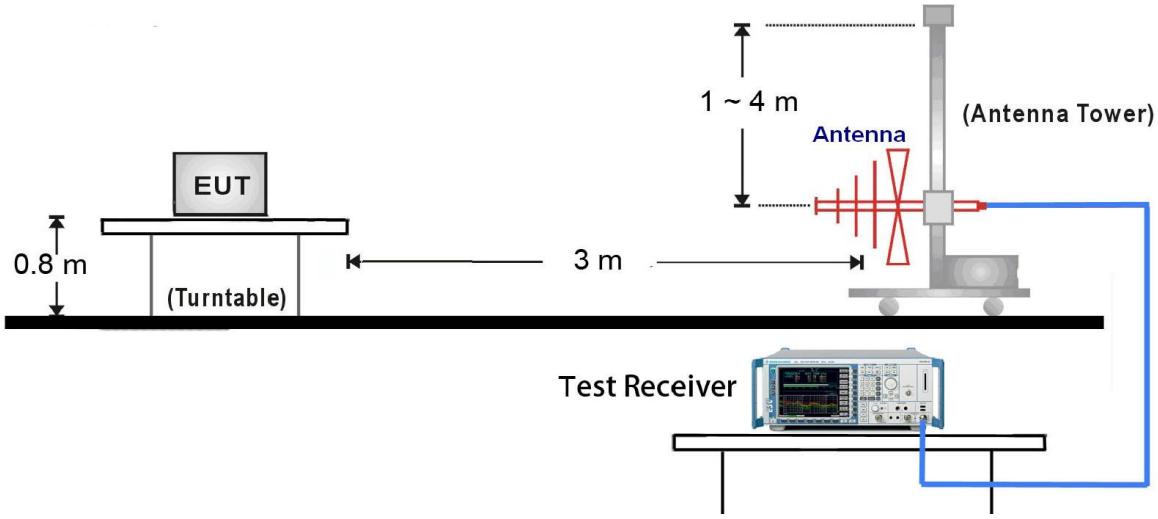
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

1.1.28. Test Setup

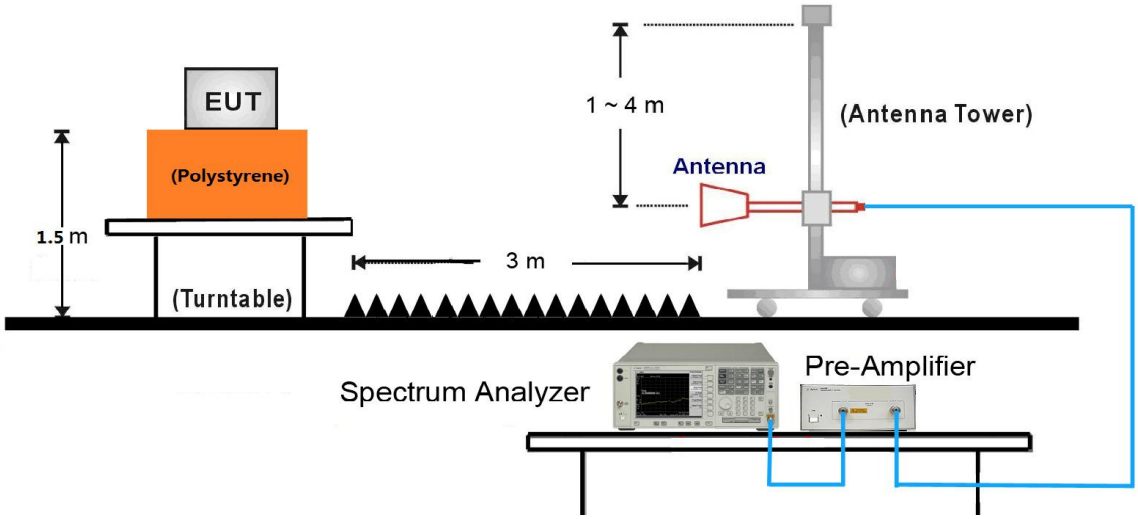
9kHz ~ 30MHz Test Setup:



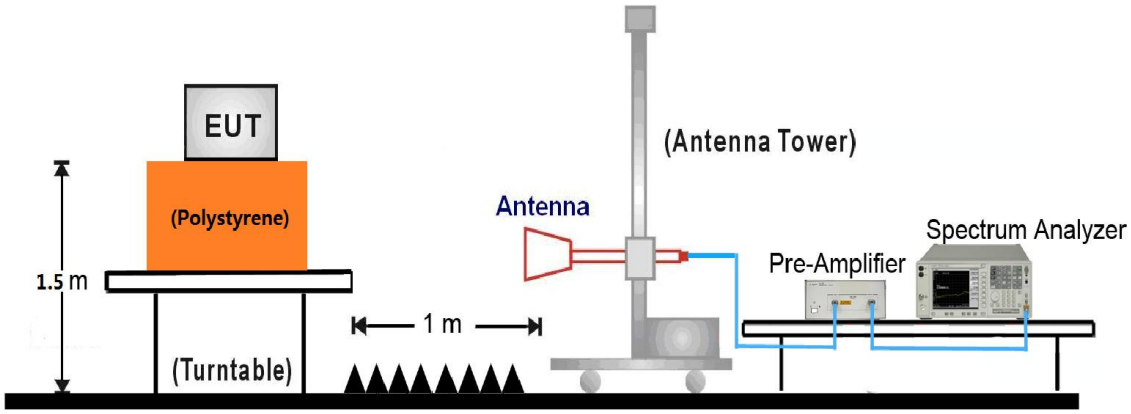
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



1.1.29. Test Result

Remark: There are the ambient noise within frequency range 9 kHz ~ 30 MHz and 18GHz ~ 40GHz, the permissible value is not show in the report.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10358.5	42.1	14.9	57.0	68.2	-11.2	Peak	Horizontal
*	13605.5	31.3	19.0	50.3	68.2	-17.9	Peak	Horizontal
	15526.5	37.3	17.5	54.8	74.0	-19.2	Peak	Horizontal
	15540.4	26.4	17.4	43.8	54.0	-10.2	Average	Horizontal
	16053.5	32.6	16.9	49.5	74.0	-24.5	Peak	Horizontal
*	10358.5	43.7	14.9	58.6	68.2	-9.6	Peak	Vertical
*	14192.0	30.0	20.3	50.3	68.2	-17.9	Peak	Vertical
	15543.5	45.3	17.4	62.7	74.0	-11.3	Peak	Vertical
	15540.6	32.6	17.4	50.0	54.0	-4.0	Average	Vertical
	16062.0	32.7	16.9	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	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10435.0	42.4	14.6	57.0	68.2	-11.2	Peak	Horizontal
*	13614.0	30.9	19.1	50.0	68.2	-18.2	Peak	Horizontal
	15662.5	38.4	17.0	55.4	74.0	-18.6	Peak	Horizontal
	15660.6	26.5	17.1	43.6	54.0	-10.4	Average	Horizontal
	16147.0	31.8	16.9	48.7	74.0	-25.3	Peak	Horizontal
*	10443.5	45.2	14.6	59.8	68.2	-8.4	Peak	Vertical
*	14047.5	30.6	19.8	50.4	68.2	-17.8	Peak	Vertical
	15662.5	46.0	17.0	63.0	74.0	-11.0	Peak	Vertical
	15660.8	34.5	17.1	51.6	54.0	-2.4	Average	Vertical
	16147.0	31.5	16.9	48.4	74.0	-25.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10477.5	44.6	14.8	59.4	68.2	-8.8	Peak	Horizontal
*	13605.5	31.1	19.0	50.1	68.2	-18.1	Peak	Horizontal
	15713.5	38.3	16.8	55.1	74.0	-18.9	Peak	Horizontal
	15720.4	26.8	16.6	43.4	54.0	-10.6	Average	Horizontal
	15985.5	31.6	16.9	48.5	74.0	-25.5	Peak	Horizontal
*	10477.5	44.7	14.8	59.5	68.2	-8.7	Peak	Vertical
*	13945.5	30.4	19.7	50.1	68.2	-18.1	Peak	Vertical
	15713.5	46.3	16.8	63.1	74.0	-10.9	Peak	Vertical
	15720.7	34.9	16.6	51.5	54.0	-2.5	Average	Vertical
	16172.5	30.8	16.9	47.7	74.0	-26.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	10520.0	44.9	15.4	60.3	68.2	-7.9	Peak	Horizontal
*	13894.5	30.2	19.8	50.0	68.2	-18.2	Peak	Horizontal
	15450.0	31.2	17.2	48.4	74.0	-25.6	Peak	Horizontal
	15781.5	39.2	16.5	55.7	74.0	-18.3	Peak	Horizontal
	15780.0	26.2	16.4	42.6	54.0	-11.4	Average	Horizontal
*	10520.0	47.5	15.4	62.9	68.2	-5.3	Peak	Vertical
*	13622.5	30.1	19.1	49.2	68.2	-19.0	Peak	Vertical
	15790.0	47.1	16.9	64.0	74.0	-10.0	Peak	Vertical
	15775.9	34.9	16.3	51.2	54.0	-2.8	Average	Vertical
	16062.0	31.5	16.9	48.4	74.0	-25.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	32.5	10.4	42.9	68.2	-25.3	Peak	Horizontal
*	9916.5	31.6	13.4	45.0	68.2	-23.2	Peak	Horizontal
	10596.5	46.3	15.5	61.8	74.0	-12.2	Peak	Horizontal
	10600.0	35.1	15.5	50.6	54.0	-3.4	Average	Horizontal
	15900.5	36.1	17.5	53.6	74.0	-20.4	Peak	Horizontal
*	7876.5	32.5	10.5	43.0	68.2	-25.2	Peak	Vertical
*	9993.0	30.8	13.3	44.1	68.2	-24.1	Peak	Vertical
	10596.5	46.6	15.5	62.1	74.0	-11.9	Peak	Vertical
	10600.0	35.0	15.5	50.5	54.0	-3.5	Average	Vertical
	15900.5	45.5	17.5	63.0	74.0	-11.0	Peak	Vertical
	15900.5	32.6	17.5	50.1	54.0	-3.9	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:	802.11a	Test Site:	AC1
Test Channel:	64	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.6	10.5	43.1	68.2	-25.1	Peak	Horizontal
*	9942.0	31.2	13.3	44.5	68.2	-23.7	Peak	Horizontal
	10639.0	44.2	15.6	59.8	74.0	-14.2	Peak	Horizontal
	10641.5	33.0	15.6	48.6	54.0	-5.4	Average	Horizontal
	15960.0	37.4	17.1	54.5	74.0	-19.5	Peak	Horizontal
	15960.5	24.7	17.1	41.8	54.0	-12.2	Average	Horizontal
*	7961.5	31.7	10.8	42.5	68.2	-25.7	Peak	Vertical
*	10010.0	31.4	13.4	44.8	68.2	-23.4	Peak	Vertical
	10639.0	48.2	15.6	63.8	74.0	-10.2	Peak	Vertical
	10641.5	36.0	15.6	51.6	54.0	-2.4	Average	Vertical
	15943.0	45.3	17.1	62.4	74.0	-11.6	Peak	Vertical
	15956.0	33.2	17.2	50.4	54.0	-3.6	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	Test Site:	AC1
Test Channel:	100	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	32.8	10.4	43.2	68.2	-25.0	Peak	Horizontal
*	10001.5	32.0	13.5	45.5	68.2	-22.7	Peak	Horizontal
	10996.0	42.2	16.5	58.7	74.0	-15.3	Peak	Horizontal
	11001.6	30.8	16.5	47.3	54.0	-6.7	Average	Horizontal
	11744.0	30.5	16.9	47.4	74.0	-26.6	Peak	Horizontal
*	7910.5	33.1	10.6	43.7	68.2	-24.5	Peak	Vertical
*	9874.0	32.0	13.4	45.4	68.2	-22.8	Peak	Vertical
	10996.0	48.0	16.5	64.5	74.0	-9.5	Peak	Vertical
	11001.6	36.8	16.5	53.3	54.0	-0.7	Average	Vertical
	15926.0	32.3	17.1	49.4	74.0	-24.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	31.5	10.6	42.1	68.2	-26.1	Peak	Horizontal
*	9865.5	32.0	13.2	45.2	68.2	-23.0	Peak	Horizontal
	11208.5	40.8	17.0	57.8	74.0	-16.2	Peak	Horizontal
	11201.6	31.4	16.9	48.3	54.0	-5.7	Average	Horizontal
	15560.5	31.3	17.4	48.7	74.0	-25.3	Peak	Horizontal
*	8012.5	33.1	10.9	44.0	68.2	-24.2	Peak	Vertical
*	10078.0	33.1	13.4	46.5	68.2	-21.7	Peak	Vertical
	11208.5	47.9	17.0	64.9	74.0	-9.1	Peak	Vertical
	11201.7	36.5	16.9	53.4	54.0	-0.6	Average	Vertical
	15773.0	32.2	16.3	48.5	74.0	-25.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	32.5	10.8	43.3	68.2	-24.9	Peak	Horizontal
*	10001.5	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
	11412.5	39.4	17.2	56.6	74.0	-17.4	Peak	Horizontal
	11401.4	30.4	17.2	47.6	54.0	-6.4	Average	Horizontal
	15722.0	32.3	16.5	48.8	74.0	-25.2	Peak	Horizontal
*	7953.0	32.2	10.7	42.9	68.2	-25.3	Peak	Vertical
*	9899.5	32.1	13.3	45.4	68.2	-22.8	Peak	Vertical
	11404.0	45.5	17.2	62.7	74.0	-11.3	Peak	Vertical
	11401.3	34.5	17.2	51.7	54.0	-2.3	Average	Vertical
	15960.0	32.6	17.1	49.7	74.0	-24.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	30.9	10.7	41.6	68.2	-26.6	Peak	Horizontal
*	9993.0	30.8	13.3	44.1	68.2	-24.1	Peak	Horizontal
	11489.0	37.3	17.1	54.4	74.0	-19.6	Peak	Horizontal
	11491.4	28.9	17.1	46.0	54.0	-8.0	Average	Horizontal
	15620.0	31.2	17.4	48.6	74.0	-25.4	Peak	Horizontal
*	7919.0	32.6	10.6	43.2	68.2	-25.0	Peak	Vertical
*	9933.5	31.7	13.2	44.9	68.2	-23.3	Peak	Vertical
	11489.0	47.0	17.1	64.1	74.0	-9.9	Peak	Vertical
	11491.2	35.1	17.1	52.2	54.0	-1.8	Average	Vertical
	15637.0	31.4	17.1	48.5	74.0	-25.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	32.1	10.6	42.7	68.2	-25.5	Peak	Horizontal
*	8888.0	30.6	11.4	42.0	68.2	-26.2	Peak	Horizontal
	11574.0	36.3	17.4	53.7	74.0	-20.3	Peak	Horizontal
	15722.0	30.8	16.5	47.3	74.0	-26.7	Peak	Horizontal
*	7953.0	31.8	10.7	42.5	68.2	-25.7	Peak	Vertical
*	9967.5	31.0	13.2	44.2	68.2	-24.0	Peak	Vertical
	11574.0	45.6	17.4	63.0	74.0	-11.0	Peak	Vertical
	11571.3	33.0	17.4	50.4	54.0	-3.6	Average	Vertical
	15560.5	30.9	17.4	48.3	74.0	-25.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8905.0	31.2	12.0	43.2	68.2	-25.0	Peak	Horizontal
*	10035.5	32.0	13.1	45.1	68.2	-23.1	Peak	Horizontal
	11650.5	34.2	17.4	51.6	74.0	-22.4	Peak	Horizontal
	15441.5	31.7	17.5	49.2	74.0	-24.8	Peak	Horizontal
*	7919.0	32.3	10.6	42.9	68.2	-25.3	Peak	Vertical
*	9899.5	31.9	13.3	45.2	68.2	-23.0	Peak	Vertical
	11659.0	42.7	17.5	60.2	74.0	-13.8	Peak	Vertical
	11646.3	30.9	17.3	48.2	54.0	-5.8	Average	Vertical
	15705.0	31.5	17.1	48.6	74.0	-25.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.3	10.6	41.9	68.2	-26.3	Peak	Horizontal
*	10358.5	40.1	14.9	55.0	68.2	-13.2	Peak	Horizontal
	11948.0	30.5	16.4	46.9	74.0	-27.1	Peak	Horizontal
	15543.5	34.7	17.4	52.1	74.0	-21.9	Peak	Horizontal
*	9857.0	33.4	13.0	46.4	68.2	-21.8	Peak	Vertical
*	10358.5	41.5	14.9	56.4	68.2	-11.8	Peak	Vertical
	11897.0	30.1	16.1	46.2	74.0	-27.8	Peak	Vertical
	15535.0	43.2	17.4	60.6	74.0	-13.4	Peak	Vertical
	15540.2	30.9	17.4	48.3	54.0	-5.7	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	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	32.6	10.7	43.3	68.2	-24.9	Peak	Horizontal
*	10435.0	41.9	14.6	56.5	68.2	-11.7	Peak	Horizontal
	12016.0	31.1	17.2	48.3	74.0	-25.7	Peak	Horizontal
	15662.5	36.0	17.0	53.0	74.0	-21.0	Peak	Horizontal
*	7919.0	32.8	10.6	43.4	68.2	-24.8	Peak	Vertical
*	10435.0	43.0	14.6	57.6	68.2	-10.6	Peak	Vertical
	12160.5	30.5	16.8	47.3	74.0	-26.7	Peak	Vertical
	15662.5	45.6	17.0	62.6	74.0	-11.4	Peak	Vertical
	15660.2	32.2	17.1	49.3	54.0	-4.7	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8012.5	33.1	10.9	44.0	68.2	-24.2	Peak	Horizontal
*	10477.5	41.4	14.8	56.2	68.2	-12.0	Peak	Horizontal
	12279.5	31.3	16.5	47.8	74.0	-26.2	Peak	Horizontal
	15722.0	35.3	16.5	51.8	74.0	-22.2	Peak	Horizontal
*	7910.5	31.8	10.6	42.4	68.2	-25.8	Peak	Vertical
*	10477.5	44.2	14.8	59.0	68.2	-9.2	Peak	Vertical
	12109.5	31.3	16.9	48.2	74.0	-25.8	Peak	Vertical
	15722.0	46.5	16.5	63.0	74.0	-11.0	Peak	Vertical
	15716.5	31.5	16.7	48.2	54.0	-5.8	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	Test Site:	AC1
Test Channel:	52	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9950.5	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
*	10520.0	42.3	15.4	57.7	68.2	-10.5	Peak	Horizontal
	12662.0	30.2	16.0	46.2	74.0	-27.8	Peak	Horizontal
	15773.0	36.1	16.3	52.4	74.0	-21.6	Peak	Horizontal
*	7876.5	32.3	10.5	42.8	68.2	-25.4	Peak	Vertical
*	10511.5	44.6	15.1	59.7	68.2	-8.5	Peak	Vertical
	12381.5	31.5	16.7	48.2	74.0	-25.8	Peak	Vertical
	15773.0	45.2	16.3	61.5	74.0	-12.5	Peak	Vertical
	15779.7	31.9	16.4	48.3	54.0	-5.7	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	Test Site:	AC1
Test Channel:	60	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	32.6	10.7	43.3	68.2	-24.9	Peak	Horizontal
*	9899.5	31.8	13.3	45.1	68.2	-23.1	Peak	Horizontal
	10596.5	42.2	15.5	57.7	74.0	-16.3	Peak	Horizontal
	10600.0	28.9	15.5	44.4	54.0	-9.6	Average	Horizontal
	15883.5	35.0	17.1	52.1	74.0	-21.9	Peak	Horizontal
*	7936.0	31.7	10.7	42.4	68.2	-25.8	Peak	Vertical
*	9942.0	30.9	13.3	44.2	68.2	-24.0	Peak	Vertical
	10613.5	46.4	15.5	61.9	74.0	-12.1	Peak	Vertical
	10601.0	33.8	15.5	49.3	54.0	-4.7	Average	Vertical
	15900.5	43.3	17.5	60.8	74.0	-13.2	Peak	Vertical
	15900.0	30.0	17.5	47.5	54.0	-6.5	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	Test Site:	AC1
Test Channel:	64	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.3	10.6	41.9	68.2	-26.3	Peak	Horizontal
*	10018.5	30.9	13.2	44.1	68.2	-24.1	Peak	Horizontal
	10639.0	43.4	15.6	59.0	74.0	-15.0	Peak	Horizontal
	10641.0	30.3	15.6	45.9	54.0	-8.1	Average	Horizontal
	15960.0	35.5	17.1	52.6	74.0	-21.4	Peak	Horizontal
*	7876.5	33.1	10.5	43.6	68.2	-24.6	Peak	Vertical
*	9993.0	31.0	13.3	44.3	68.2	-23.9	Peak	Vertical
	10639.0	46.0	15.6	61.6	74.0	-12.4	Peak	Vertical
	10640.8	33.2	15.6	48.8	54.0	-5.2	Average	Vertical
	15960.0	43.0	17.1	60.1	74.0	-13.9	Peak	Vertical
	15960.2	30.2	17.1	47.3	54.0	-6.7	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	Test Site:	AC1
Test Channel:	100	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7893.5	33.2	10.5	43.7	68.2	-24.5	Peak	Horizontal
*	9942.0	30.7	13.3	44.0	68.2	-24.2	Peak	Horizontal
	11004.5	43.3	16.5	59.8	74.0	-14.2	Peak	Horizontal
	11000.4	33.0	16.5	49.5	54.0	-4.5	Average	Horizontal
	12500.5	30.4	16.3	46.7	74.0	-27.3	Peak	Horizontal
*	7842.5	31.6	10.3	41.9	68.2	-26.3	Peak	Vertical
*	9993.0	31.2	13.3	44.5	68.2	-23.7	Peak	Vertical
	10996.0	48.7	16.5	65.2	74.0	-8.8	Peak	Vertical
	11001.4	36.5	16.5	53.0	54.0	-1.0	Average	Vertical
	12517.5	30.6	16.1	46.7	74.0	-27.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.7	10.7	42.4	68.2	-25.8	Peak	Horizontal
*	9942.0	31.3	13.3	44.6	68.2	-23.6	Peak	Horizontal
	11200.0	40.5	16.9	57.4	74.0	-16.6	Peak	Horizontal
	11201.3	31.4	16.9	48.3	54.0	-5.7	Average	Horizontal
	12381.5	30.5	16.7	47.2	74.0	-26.8	Peak	Horizontal
*	7842.5	32.2	10.3	42.5	68.2	-25.7	Peak	Vertical
*	9976.0	31.2	13.1	44.3	68.2	-23.9	Peak	Vertical
	11200.0	46.6	16.9	63.5	74.0	-10.5	Peak	Vertical
	11201.5	34.9	16.9	51.8	54.0	-2.2	Average	Vertical
	13070.0	31.2	17.9	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:	802.11n-HT20	Test Site:	AC1
Test Channel:	140	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	32.0	10.7	42.7	68.2	-25.5	Peak	Horizontal
*	9899.5	31.7	13.3	45.0	68.2	-23.2	Peak	Horizontal
	11404.0	37.0	17.2	54.2	74.0	-19.8	Peak	Horizontal
	11401.6	26.5	17.2	43.7	54.0	-10.3	Average	Horizontal
	12220.0	30.4	16.4	46.8	74.0	-27.2	Peak	Horizontal
*	7893.5	32.7	10.5	43.2	68.2	-25.0	Peak	Vertical
*	9993.0	31.2	13.3	44.5	68.2	-23.7	Peak	Vertical
	11404.0	42.9	17.2	60.1	74.0	-13.9	Peak	Vertical
	11400.7	31.5	17.2	48.7	54.0	-5.3	Average	Vertical
	12500.5	31.0	16.3	47.3	74.0	-26.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.6	10.5	43.1	68.2	-25.1	Peak	Horizontal
*	9925.0	31.1	13.3	44.4	68.2	-23.8	Peak	Horizontal
	11480.5	36.2	17.1	53.3	74.0	-20.7	Peak	Horizontal
	12271.0	30.7	16.4	47.1	74.0	-26.9	Peak	Horizontal
*	7919.0	31.6	10.6	42.2	68.2	-26.0	Peak	Vertical
*	10035.5	31.3	13.1	44.4	68.2	-23.8	Peak	Vertical
	11489.0	43.3	17.1	60.4	74.0	-13.6	Peak	Vertical
	11486.2	31.6	17.1	48.7	54.0	-5.3	Average	Vertical
	13316.5	30.5	18.2	48.7	74.0	-25.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.8	10.7	43.5	68.2	-24.7	Peak	Horizontal
*	9942.0	30.7	13.3	44.0	68.2	-24.2	Peak	Horizontal
	11565.5	34.9	17.6	52.5	74.0	-21.5	Peak	Horizontal
	12662.0	30.4	16.0	46.4	74.0	-27.6	Peak	Horizontal
*	7808.5	32.9	10.4	43.3	68.2	-24.9	Peak	Vertical
*	9942.0	31.6	13.3	44.9	68.2	-23.3	Peak	Vertical
	11565.5	42.8	17.6	60.4	74.0	-13.6	Peak	Vertical
	11576.0	29.8	17.4	47.2	54.0	-6.8	Average	Vertical
	12398.5	30.3	16.6	46.9	74.0	-27.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8896.5	31.5	11.7	43.2	68.2	-25.0	Peak	Horizontal
*	9950.5	31.5	13.5	45.0	68.2	-23.2	Peak	Horizontal
	11650.5	33.1	17.4	50.5	74.0	-23.5	Peak	Horizontal
	12398.5	29.9	16.6	46.5	74.0	-27.5	Peak	Horizontal
*	8905.0	31.0	12.0	43.0	68.2	-25.2	Peak	Vertical
*	10078.0	31.7	13.4	45.1	68.2	-23.1	Peak	Vertical
	11642.0	40.5	17.4	57.9	74.0	-16.1	Peak	Vertical
	11646.2	28.6	17.3	45.9	54.0	-8.1	Average	Vertical
	12441.0	31.2	16.8	48.0	74.0	-26.0	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	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	32.0	10.8	42.8	68.2	-25.4	Peak	Horizontal
*	10375.5	42.7	14.9	57.6	68.2	-10.6	Peak	Horizontal
	12058.5	30.6	17.1	47.7	74.0	-26.3	Peak	Horizontal
	15560.5	34.6	17.4	52.0	74.0	-22.0	Peak	Horizontal
*	8854.0	31.3	11.7	43.0	68.2	-25.2	Peak	Vertical
*	10384.0	41.4	14.9	56.3	68.2	-11.9	Peak	Vertical
	12118.0	30.6	17.0	47.6	74.0	-26.4	Peak	Vertical
	15569.0	42.8	17.4	60.2	74.0	-13.8	Peak	Vertical
	15560.3	28.0	17.4	45.4	54.0	-8.6	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:	802.11n-HT40	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8998.5	32.1	11.6	43.7	68.2	-24.5	Peak	Horizontal
*	10460.5	41.3	14.8	56.1	68.2	-12.1	Peak	Horizontal
	12237.0	29.9	16.2	46.1	74.0	-27.9	Peak	Horizontal
	15696.5	37.5	17.0	54.5	74.0	-19.5	Peak	Horizontal
	15700.0	23.2	17.0	40.2	54.0	-13.8	Average	Horizontal
*	8922.0	31.5	11.8	43.3	68.2	-24.9	Peak	Vertical
*	10460.5	43.7	14.8	58.5	68.2	-9.7	Peak	Vertical
	12067.0	30.3	17.0	47.3	74.0	-26.7	Peak	Vertical
	15696.5	44.1	17.0	61.1	74.0	-12.9	Peak	Vertical
	15695.8	29.1	17.0	46.1	54.0	-7.9	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-HT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	31.4	10.4	41.8	68.2	-26.4	Peak	Horizontal
*	10545.5	41.3	15.3	56.6	68.2	-11.6	Peak	Horizontal
	12347.5	30.5	16.5	47.0	74.0	-27.0	Peak	Horizontal
	15798.5	35.3	17.1	52.4	74.0	-21.6	Peak	Horizontal
*	7876.5	32.0	10.5	42.5	68.2	-25.7	Peak	Vertical
*	10537.0	44.6	15.3	59.9	68.2	-8.3	Peak	Vertical
	12611.0	30.0	15.9	45.9	74.0	-28.1	Peak	Vertical
	15807.0	42.0	16.6	58.6	74.0	-15.4	Peak	Vertical
	15811.0	27.8	16.3	44.1	54.0	-9.9	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-HT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	32.1	10.6	42.7	68.2	-25.5	Peak	Horizontal
*	9967.5	32.1	13.2	45.3	68.2	-22.9	Peak	Horizontal
	10622.0	41.4	15.5	56.9	74.0	-17.1	Peak	Horizontal
	10621.1	26.5	15.5	42.0	54.0	-12.0	Average	Horizontal
	15926.0	35.2	17.1	52.3	74.0	-21.7	Peak	Horizontal
*	7970.0	32.3	10.8	43.1	68.2	-25.1	Peak	Vertical
*	9933.5	31.4	13.2	44.6	68.2	-23.6	Peak	Vertical
	10613.5	44.8	15.5	60.3	74.0	-13.7	Peak	Vertical
	10626.2	29.4	15.5	44.9	54.0	-9.1	Average	Vertical
	15943.0	42.1	17.1	59.2	74.0	-14.8	Peak	Vertical
	15935.6	27.2	17.0	44.2	54.0	-9.8	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-HT40	Test Site:	AC1
Test Channel:	102	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	31.3	10.8	42.1	68.2	-26.1	Peak	Horizontal
*	9942.0	31.8	13.3	45.1	68.2	-23.1	Peak	Horizontal
	11021.5	41.6	16.5	58.1	74.0	-15.9	Peak	Horizontal
	11011.9	27.5	16.4	43.9	54.0	-10.1	Average	Horizontal
	12262.5	31.3	16.3	47.6	74.0	-26.4	Peak	Horizontal
*	7953.0	31.6	10.7	42.3	68.2	-25.9	Peak	Vertical
*	9959.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
	11021.5	43.8	16.5	60.3	74.0	-13.7	Peak	Vertical
	11016.1	28.4	16.4	44.8	54.0	-9.2	Average	Vertical
	12517.5	30.4	16.1	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.4	10.6	42.0	68.2	-26.2	Peak	Horizontal
*	9942.0	31.0	13.3	44.3	68.2	-23.9	Peak	Horizontal
	11183.0	40.4	16.7	57.1	74.0	-16.9	Peak	Horizontal
	11172.4	27.9	16.8	44.7	54.0	-9.3	Average	Horizontal
	12254.0	30.1	16.3	46.4	74.0	-27.6	Peak	Horizontal
*	7910.5	31.5	10.6	42.1	68.2	-26.1	Peak	Vertical
*	10018.5	30.7	13.2	43.9	68.2	-24.3	Peak	Vertical
	11174.5	47.1	16.8	63.9	74.0	-10.1	Peak	Vertical
	11172.9	29.9	16.8	46.7	54.0	-7.3	Average	Vertical
	12441.0	30.5	16.8	47.3	74.0	-26.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.1	10.6	41.7	68.2	-26.5	Peak	Horizontal
*	10035.5	31.4	13.1	44.5	68.2	-23.7	Peak	Horizontal
	11344.5	37.9	17.1	55.0	74.0	-19.0	Peak	Horizontal
	11346.1	24.5	17.1	41.6	54.0	-12.4	Average	Horizontal
	12288.0	30.2	16.3	46.5	74.0	-27.5	Peak	Horizontal
*	7953.0	32.5	10.7	43.2	68.2	-25.0	Peak	Vertical
*	10078.0	32.1	13.4	45.5	68.2	-22.7	Peak	Vertical
	11336.0	45.3	16.9	62.2	74.0	-11.8	Peak	Vertical
	11338.1	28.6	17.0	45.6	54.0	-8.4	Average	Vertical
	12662.0	30.5	16.0	46.5	74.0	-27.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	31.3	10.8	42.1	68.2	-26.1	Peak	Horizontal
*	10027.0	31.0	13.1	44.1	68.2	-24.1	Peak	Horizontal
	11514.5	34.4	17.4	51.8	74.0	-22.2	Peak	Horizontal
	11510.6	24.6	17.4	42.0	54.0	-12.0	Average	Horizontal
	12568.5	29.8	16.1	45.9	74.0	-28.1	Peak	Horizontal
*	7910.5	31.5	10.6	42.1	68.2	-26.1	Peak	Vertical
*	9933.5	31.1	13.2	44.3	68.2	-23.9	Peak	Vertical
	11514.5	42.5	17.4	59.9	74.0	-14.1	Peak	Vertical
	11510.5	27.9	17.4	45.3	54.0	-8.7	Average	Vertical
	12271.0	30.7	16.4	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7995.5	32.3	10.8	43.1	68.2	-25.1	Peak	Horizontal
*	9967.5	31.2	13.2	44.4	68.2	-23.8	Peak	Horizontal
	11591.0	33.0	16.9	49.9	74.0	-24.1	Peak	Horizontal
	12398.5	29.9	16.6	46.5	74.0	-27.5	Peak	Horizontal
*	7987.0	31.8	10.7	42.5	68.2	-25.7	Peak	Vertical
*	10035.5	31.1	13.1	44.2	68.2	-24.0	Peak	Vertical
	11591.0	40.6	16.9	57.5	74.0	-16.5	Peak	Vertical
	11590.5	26.8	17.0	43.8	54.0	-10.2	Average	Vertical
	12551.5	30.7	16.3	47.0	74.0	-27.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	33.0	10.6	43.6	68.2	-24.6	Peak	Horizontal
*	10358.5	47.8	14.9	62.7	68.2	-5.5	Peak	Horizontal
	11565.5	32.9	17.6	50.5	74.0	-23.5	Peak	Horizontal
	15543.5	44.2	17.4	61.6	74.0	-12.4	Peak	Horizontal
	15540.2	28.7	17.4	46.1	54.0	-7.9	Average	Horizontal
*	7927.5	31.8	10.7	42.5	68.2	-25.7	Peak	Vertical
*	10367.0	47.7	14.9	62.6	68.2	-5.6	Peak	Vertical
	12058.5	32.8	17.1	49.9	74.0	-24.1	Peak	Vertical
	15543.5	43.9	17.4	61.3	74.0	-12.7	Peak	Vertical
	15540.2	28.7	17.4	46.1	54.0	-7.9	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:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	44	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	32.3	10.8	43.1	68.2	-25.1	Peak	Horizontal
*	10435.0	48.5	14.6	63.1	68.2	-5.1	Peak	Horizontal
	12109.5	32.0	16.9	48.9	74.0	-25.1	Peak	Horizontal
	15662.5	45.6	17.0	62.6	74.0	-11.4	Peak	Horizontal
	15660.2	29.2	17.1	46.3	54.0	-7.7	Average	Horizontal
*	7876.5	32.5	10.5	43.0	68.2	-25.2	Peak	Vertical
*	10443.5	39.7	14.6	54.3	68.2	-13.9	Peak	Vertical
	11684.5	30.5	17.3	47.8	74.0	-26.2	Peak	Vertical
	15654.0	36.1	17.3	53.4	74.0	-20.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.6	10.7	42.3	68.2	-25.9	Peak	Horizontal
*	10477.5	49.4	14.8	64.2	68.2	-4.0	Peak	Horizontal
	12330.5	30.2	16.7	46.9	74.0	-27.1	Peak	Horizontal
	15722.0	45.0	16.5	61.5	74.0	-12.5	Peak	Horizontal
	15720.9	33.3	16.5	49.8	54.0	-4.2	Average	Horizontal
*	7885.0	34.0	10.4	44.4	68.2	-23.8	Peak	Vertical
*	10477.5	38.0	14.8	52.8	68.2	-15.4	Peak	Vertical
	12169.0	32.0	16.7	48.7	74.0	-25.3	Peak	Vertical
	15560.5	33.2	17.4	50.6	74.0	-23.4	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	Test Site:	AC1
Test Channel:	52	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	32.8	10.6	43.4	68.2	-24.8	Peak	Horizontal
*	10520.0	49.7	15.4	65.1	68.2	-3.1	Peak	Horizontal
	12109.5	30.8	16.9	47.7	74.0	-26.3	Peak	Horizontal
	15781.5	44.8	16.5	61.3	74.0	-12.7	Peak	Horizontal
	15780.0	28.1	16.4	44.5	54.0	-9.5	Average	Horizontal
*	7987.0	32.4	10.7	43.1	68.2	-25.1	Peak	Vertical
*	10520.0	39.5	15.4	54.9	68.2	-13.3	Peak	Vertical
	12169.0	30.7	16.7	47.4	74.0	-26.6	Peak	Vertical
	15730.5	32.0	16.7	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	60	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	32.6	10.4	43.0	68.2	-25.2	Peak	Horizontal
*	9976.0	32.2	13.1	45.3	68.2	-22.9	Peak	Horizontal
	10596.5	51.2	15.5	66.7	74.0	-7.3	Peak	Horizontal
	10601.4	36.9	15.5	52.4	54.0	-1.6	Average	Horizontal
	15900.5	41.4	17.5	58.9	74.0	-15.1	Peak	Horizontal
	15900.4	28.7	17.5	46.2	54.0	-7.8	Average	Horizontal
*	7944.5	32.7	10.7	43.4	68.2	-24.8	Peak	Vertical
*	10035.5	32.2	13.1	45.3	68.2	-22.9	Peak	Vertical
	10596.5	40.2	15.5	55.7	74.0	-18.3	Peak	Vertical
	10600.2	32.5	15.5	48.0	54.0	-6.0	Average	Vertical
	12169.0	31.0	16.7	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	64	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.2	10.7	42.9	68.2	-25.3	Peak	Horizontal
*	10035.5	31.8	13.1	44.9	68.2	-23.3	Peak	Horizontal
	10639.0	52.4	15.6	68.0	74.0	-6.0	Peak	Horizontal
	10640.7	37.0	15.6	52.6	54.0	-1.4	Average	Horizontal
	11735.5	30.3	17.0	47.3	74.0	-26.7	Peak	Horizontal
*	7995.5	31.5	10.8	42.3	68.2	-25.9	Peak	Vertical
*	9857.0	33.3	13.0	46.3	68.2	-21.9	Peak	Vertical
	10639.0	42.4	15.6	58.0	74.0	-16.0	Peak	Vertical
	10640.4	30.4	15.6	46.0	54.0	-8.0	Average	Vertical
	12220.0	31.1	16.4	47.5	74.0	-26.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	32.2	10.7	42.9	68.2	-25.3	Peak	Horizontal
*	9942.0	31.1	13.3	44.4	68.2	-23.8	Peak	Horizontal
	10996.0	52.6	16.5	69.1	74.0	-4.9	Peak	Horizontal
	10996.5	37.0	16.5	53.5	54.0	-0.5	Average	Horizontal
	12441.0	31.8	16.8	48.6	74.0	-25.4	Peak	Horizontal
*	7885.0	33.0	10.4	43.4	68.2	-24.8	Peak	Vertical
*	9942.0	31.1	13.3	44.4	68.2	-23.8	Peak	Vertical
	10987.5	41.7	16.4	58.1	74.0	-15.9	Peak	Vertical
	10996.4	29.5	16.5	46.0	54.0	-8.0	Average	Vertical
	12339.0	30.7	16.5	47.2	74.0	-26.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8888.0	30.8	11.4	42.2	68.2	-26.0	Peak	Horizontal
*	9993.0	31.3	13.3	44.6	68.2	-23.6	Peak	Horizontal
	11200.0	48.1	16.9	65.0	74.0	-9.0	Peak	Horizontal
	11201.4	35.7	16.9	52.6	54.0	-1.4	Average	Horizontal
	12441.0	31.1	16.8	47.9	74.0	-26.1	Peak	Horizontal
*	7885.0	33.5	10.4	43.9	68.2	-24.3	Peak	Vertical
*	10010.0	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
	11200.0	39.5	16.9	56.4	74.0	-17.6	Peak	Vertical
	11198.5	30.1	16.8	46.9	54.0	-7.1	Average	Vertical
	12220.0	31.6	16.4	48.0	74.0	-26.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.7	10.5	43.2	68.2	-25.0	Peak	Horizontal
*	9942.0	32.8	13.3	46.1	68.2	-22.1	Peak	Horizontal
	11395.5	47.2	17.1	64.3	74.0	-9.7	Peak	Horizontal
	11401.3	32.4	17.2	49.6	54.0	-4.4	Average	Horizontal
	12398.5	30.5	16.6	47.1	74.0	-26.9	Peak	Horizontal
*	7885.0	32.3	10.4	42.7	68.2	-25.5	Peak	Vertical
*	9942.0	31.1	13.3	44.4	68.2	-23.8	Peak	Vertical
	11387.0	35.2	17.1	52.3	74.0	-21.7	Peak	Vertical
	12254.0	30.3	16.3	46.6	74.0	-27.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	32.7	10.6	43.3	68.2	-24.9	Peak	Horizontal
*	9942.0	31.1	13.3	44.4	68.2	-23.8	Peak	Horizontal
	11438.0	47.2	17.0	64.2	74.0	-9.8	Peak	Horizontal
	11441.1	32.1	17.0	49.1	54.0	-4.9	Average	Horizontal
	12398.5	30.3	16.6	46.9	74.0	-27.1	Peak	Horizontal
*	7919.0	32.3	10.6	42.9	68.2	-25.3	Peak	Vertical
*	10018.5	31.6	13.2	44.8	68.2	-23.4	Peak	Vertical
	11429.5	35.4	17.0	52.4	74.0	-21.6	Peak	Vertical
	12500.5	30.9	16.3	47.2	74.0	-26.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.4	10.6	42.0	68.2	-26.2	Peak	Horizontal
*	10018.5	31.3	13.2	44.5	68.2	-23.7	Peak	Horizontal
	11489.0	47.9	17.1	65.0	74.0	-9.0	Peak	Horizontal
	11486.4	32.5	17.1	49.6	54.0	-4.4	Average	Horizontal
	12560.0	30.1	16.0	46.1	74.0	-27.9	Peak	Horizontal
*	7910.5	32.2	10.6	42.8	68.2	-25.4	Peak	Vertical
*	10120.5	31.4	13.5	44.9	68.2	-23.3	Peak	Vertical
	11489.0	37.0	17.1	54.1	74.0	-19.9	Peak	Vertical
	11489.5	33.5	17.1	50.6	54.0	-3.4	Average	Vertical
	12526.0	30.3	16.2	46.5	74.0	-27.5	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	Test Site:	AC1
Test Channel:	157	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	31.6	10.7	42.3	68.2	-25.9	Peak	Horizontal
*	9950.5	31.2	13.5	44.7	68.2	-23.5	Peak	Horizontal
	11565.5	46.0	17.6	63.6	74.0	-10.4	Peak	Horizontal
	11571.1	31.2	17.4	48.6	54.0	-5.4	Average	Horizontal
	12594.0	31.1	16.6	47.7	74.0	-26.3	Peak	Horizontal
*	7868.0	32.8	10.5	43.3	68.2	-24.9	Peak	Vertical
*	9874.0	31.6	13.4	45.0	68.2	-23.2	Peak	Vertical
	11565.5	36.4	17.6	54.0	74.0	-20.0	Peak	Vertical
	11565.5	30.2	17.6	47.8	54.0	-6.2	Average	Vertical
	12500.5	30.4	16.3	46.7	74.0	-27.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	31.6	10.7	42.3	68.2	-25.9	Peak	Horizontal
*	9950.5	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
	11650.5	45.0	17.4	62.4	74.0	-11.6	Peak	Horizontal
	11651.3	30.0	17.4	47.4	54.0	-6.6	Average	Horizontal
	12432.5	30.3	16.9	47.2	74.0	-26.8	Peak	Horizontal
*	7927.5	32.8	10.7	43.5	68.2	-24.7	Peak	Vertical
*	9916.5	30.8	13.4	44.2	68.2	-24.0	Peak	Vertical
	11650.5	34.6	17.4	52.0	74.0	-22.0	Peak	Vertical
	12526.0	29.7	16.2	45.9	74.0	-28.1	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-VHT40	Test Site:	AC1
Test Channel:	38	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	33.1	10.5	43.6	68.2	-24.6	Peak	Horizontal
*	10375.5	49.8	14.9	64.7	68.2	-3.5	Peak	Horizontal
	12203.0	30.9	16.2	47.1	74.0	-26.9	Peak	Horizontal
	15569.0	40.7	17.4	58.1	74.0	-15.9	Peak	Horizontal
	15566.0	28.9	17.4	46.3	54.0	-7.7	Average	Horizontal
*	7910.5	33.4	10.6	44.0	68.2	-24.2	Peak	Vertical
*	10375.5	36.5	14.9	51.4	68.2	-16.8	Peak	Vertical
	11650.5	32.2	17.4	49.6	74.0	-24.4	Peak	Vertical
	12135.0	32.2	16.9	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-VHT40	Test Site:	AC1
Test Channel:	46	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	33.0	10.6	43.6	68.2	-24.6	Peak	Horizontal
*	10460.5	50.9	14.8	65.7	68.2	-2.5	Peak	Horizontal
	12245.5	30.3	16.2	46.5	74.0	-27.5	Peak	Horizontal
	15696.5	43.7	17.0	60.7	74.0	-13.3	Peak	Horizontal
	15700.2	26.1	17.0	43.1	54.0	-10.9	Average	Horizontal
*	7927.5	41.2	1.6	42.8	68.2	-25.4	Peak	Vertical
*	10460.5	37.6	14.8	52.4	68.2	-15.8	Peak	Vertical
	11735.5	43.7	3.7	47.4	74.0	-26.6	Peak	Vertical
	12449.5	45.0	2.9	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	31.6	10.7	42.3	68.2	-25.9	Peak	Horizontal
*	10537.0	50.8	15.3	66.1	68.2	-2.1	Peak	Horizontal
	12177.5	31.1	16.6	47.7	74.0	-26.3	Peak	Horizontal
	15815.5	42.6	16.3	58.9	74.0	-15.1	Peak	Horizontal
	15806.0	26.8	16.6	43.4	54.0	-10.6	Average	Horizontal
*	7953.0	31.2	10.7	41.9	68.2	-26.3	Peak	Vertical
*	10537.0	39.5	15.3	54.8	68.2	-13.4	Peak	Vertical
	11854.5	30.4	16.6	47.0	74.0	-27.0	Peak	Vertical
	12356.0	30.2	16.7	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.9	10.6	42.5	68.2	-25.7	Peak	Horizontal
*	9942.0	30.9	13.3	44.2	68.2	-24.0	Peak	Horizontal
	10613.5	52.5	15.5	68.0	74.0	-6.0	Peak	Horizontal
	10621.3	34.6	15.5	50.1	54.0	-3.9	Average	Horizontal
	15934.5	41.3	17.0	58.3	74.0	-15.7	Peak	Horizontal
	15935.8	27.4	17.0	44.4	54.0	-9.6	Average	Horizontal
*	7944.5	33.1	10.7	43.8	68.2	-24.4	Peak	Vertical
*	10001.5	31.8	13.5	45.3	68.2	-22.9	Peak	Vertical
	10613.5	41.6	15.5	57.1	74.0	-16.9	Peak	Vertical
	10619.5	30.2	15.5	45.7	54.0	-8.3	Average	Vertical
	11684.5	30.5	17.3	47.8	74.0	-26.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.7	10.5	43.2	68.2	-25.0	Peak	Horizontal
*	10010.0	31.7	13.4	45.1	68.2	-23.1	Peak	Horizontal
	11013.0	47.8	16.3	64.1	74.0	-9.9	Peak	Horizontal
	11027.5	30.7	16.6	47.3	54.0	-6.7	Average	Horizontal
	12245.5	29.8	16.2	46.0	74.0	-28.0	Peak	Horizontal
*	7842.5	31.5	10.3	41.8	68.2	-26.4	Peak	Vertical
*	9942.0	31.1	13.3	44.4	68.2	-23.8	Peak	Vertical
	11013.0	40.5	16.3	56.8	74.0	-17.2	Peak	Vertical
	11020.4	28.5	16.4	44.9	54.0	-9.1	Average	Vertical
	12220.0	30.3	16.4	46.7	74.0	-27.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	31.8	10.7	42.5	68.2	-25.7	Peak	Horizontal
*	9976.0	31.2	13.1	44.3	68.2	-23.9	Peak	Horizontal
	11174.5	47.3	16.8	64.1	74.0	-9.9	Peak	Horizontal
	11172.1	31.5	16.8	48.3	54.0	-5.7	Average	Horizontal
	12441.0	30.9	16.8	47.7	74.0	-26.3	Peak	Horizontal
*	7961.5	31.0	10.8	41.8	68.2	-26.4	Peak	Vertical
*	9950.5	30.4	13.5	43.9	68.2	-24.3	Peak	Vertical
	11174.5	36.4	16.8	53.2	74.0	-20.8	Peak	Vertical
	12500.5	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.7	10.3	42.0	68.2	-26.2	Peak	Horizontal
*	9933.5	30.8	13.2	44.0	68.2	-24.2	Peak	Horizontal
	11327.5	46.0	16.9	62.9	74.0	-11.1	Peak	Horizontal
	11332.2	29.5	16.9	46.4	54.0	-7.6	Average	Horizontal
	12568.5	30.7	16.1	46.8	74.0	-27.2	Peak	Horizontal
*	7859.5	31.8	10.4	42.2	68.2	-26.0	Peak	Vertical
*	9942.0	30.8	13.3	44.1	68.2	-24.1	Peak	Vertical
	11344.5	36.1	17.1	53.2	74.0	-20.8	Peak	Vertical
	12356.0	29.9	16.7	46.6	74.0	-27.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	32.0	10.8	42.8	68.2	-25.4	Peak	Horizontal
*	10078.0	32.2	13.4	45.6	68.2	-22.6	Peak	Horizontal
	11412.5	45.5	17.2	62.7	74.0	-11.3	Peak	Horizontal
	11421.3	29.1	17.1	46.2	54.0	-7.8	Average	Horizontal
	12628.0	31.4	16.2	47.6	74.0	-26.4	Peak	Horizontal
*	7885.0	32.7	10.4	43.1	68.2	-25.1	Peak	Vertical
*	9993.0	31.5	13.3	44.8	68.2	-23.4	Peak	Vertical
	11412.5	36.3	17.2	53.5	74.0	-20.5	Peak	Vertical
	12687.5	31.4	16.4	47.8	74.0	-26.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.3	10.7	43.0	68.2	-25.2	Peak	Horizontal
*	10035.5	31.6	13.1	44.7	68.2	-23.5	Peak	Horizontal
	11514.5	44.4	17.4	61.8	74.0	-12.2	Peak	Horizontal
	11511.2	28.6	17.4	46.0	54.0	-8.0	Average	Horizontal
	12500.5	31.3	16.3	47.6	74.0	-26.4	Peak	Horizontal
*	7953.0	32.0	10.7	42.7	68.2	-25.5	Peak	Vertical
*	9959.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
	11514.5	34.3	17.4	51.7	74.0	-22.3	Peak	Vertical
	12007.5	30.2	17.1	47.3	74.0	-26.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.1	10.7	42.8	68.2	-25.4	Peak	Horizontal
*	9976.0	31.3	13.1	44.4	68.2	-23.8	Peak	Horizontal
	11582.5	42.4	17.2	59.6	74.0	-14.4	Peak	Horizontal
	11591.2	27.1	16.9	44.0	54.0	-10.0	Average	Horizontal
	12330.5	30.6	16.7	47.3	74.0	-26.7	Peak	Horizontal
*	7910.5	32.8	10.6	43.4	68.2	-24.8	Peak	Vertical
*	9959.0	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
	11582.5	33.2	17.2	50.4	74.0	-23.6	Peak	Vertical
	12500.5	31.1	16.3	47.4	74.0	-26.6	Peak	Vertical

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	32.3	10.7	43.0	68.2	-25.2	Peak	Horizontal
*	10418.0	43.1	14.9	58.0	68.2	-10.2	Peak	Horizontal
	11735.5	30.1	17.0	47.1	74.0	-26.9	Peak	Horizontal
	15611.5	38.4	17.3	55.7	74.0	-18.3	Peak	Horizontal
	15610.3	24.4	17.3	41.7	54.0	-12.3	Average	Horizontal
*	7902.0	33.7	10.6	44.3	68.2	-23.9	Peak	Vertical
*	10018.5	32.8	13.2	46.0	68.2	-22.2	Peak	Vertical
	11497.5	33.0	17.3	50.3	74.0	-23.7	Peak	Vertical
	12602.5	31.3	16.2	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	58	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	31.7	10.7	42.4	68.2	-25.8	Peak	Horizontal
*	10588.0	45.9	15.4	61.3	68.2	-6.9	Peak	Horizontal
	11854.5	30.6	16.6	47.2	74.0	-26.8	Peak	Horizontal
	15841.0	37.2	16.9	54.1	74.0	-19.9	Peak	Horizontal
	15842.6	24.7	17.0	41.7	54.0	-12.3	Average	Horizontal
*	7868.0	32.2	10.5	42.7	68.2	-25.5	Peak	Vertical
*	10596.5	36.6	15.5	52.1	68.2	-16.1	Peak	Vertical
	11735.5	30.3	17.0	47.3	74.0	-26.7	Peak	Vertical
	12330.5	31.0	16.7	47.7	74.0	-26.3	Peak	Vertical

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

Note 2: Measure 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	Test Site:	AC1
Test Channel:	106	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7927.5	31.3	10.7	42.0	68.2	-26.2	Peak	Horizontal
*	9959.0	32.2	13.4	45.6	68.2	-22.6	Peak	Horizontal
	11055.5	43.2	16.6	59.8	74.0	-14.2	Peak	Horizontal
	11070.6	30.0	16.4	46.4	54.0	-7.6	Average	Horizontal
	12271.0	31.1	16.4	47.5	74.0	-26.5	Peak	Horizontal
*	8888.0	30.6	11.4	42.0	68.2	-26.2	Peak	Vertical
*	10078.0	32.1	13.4	45.5	68.2	-22.7	Peak	Vertical
	11030.0	36.1	16.7	52.8	74.0	-21.2	Peak	Vertical
	12254.0	30.5	16.3	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	122	Test Engineer:	Bruce Wang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	31.8	10.6	42.4	68.2	-25.8	Peak	Horizontal
*	9959.0	31.4	13.4	44.8	68.2	-23.4	Peak	Horizontal
	11225.5	44.8	16.9	61.7	74.0	-12.3	Peak	Horizontal
	11230.8	30.3	16.8	47.1	54.0	-6.9	Average	Horizontal
	12407.0	30.5	16.5	47.0	74.0	-27.0	Peak	Horizontal
*	8913.5	30.6	11.9	42.5	68.2	-25.7	Peak	Vertical
*	10035.5	32.4	13.1	45.5	68.2	-22.7	Peak	Vertical
	11174.5	33.6	16.8	50.4	74.0	-23.6	Peak	Vertical
	12041.5	30.9	17.0	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	138	Test Engineer:	Bruce Wang
Remark:	Average measurement was not performed if peak level lower than average limit. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.4	10.5	42.9	68.2	-25.3	Peak	Horizontal
*	10001.5	31.8	13.5	45.3	68.2	-22.9	Peak	Horizontal
	11395.5	43.5	17.1	60.6	74.0	-13.4	Peak	Horizontal
	11400.7	26.4	17.2	43.6	54.0	-10.4	Average	Horizontal
	12339.0	30.4	16.5	46.9	74.0	-27.1	Peak	Horizontal
*	7910.5	32.4	10.6	43.0	68.2	-25.2	Peak	Vertical
*	9993.0	31.5	13.3	44.8	68.2	-23.4	Peak	Vertical
	11336.0	33.2	16.9	50.1	74.0	-23.9	Peak	Vertical
	12169.0	30.7	16.7	47.4	74.0	-26.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	32.3	10.6	42.9	68.2	-25.3	Peak	Horizontal
*	10044.0	32.5	13.1	45.6	68.2	-22.6	Peak	Horizontal
	11557.0	40.8	17.7	58.5	74.0	-15.5	Peak	Horizontal
	11560.7	25.3	17.6	42.9	54.0	-11.1	Average	Horizontal
	12662.0	30.3	16.0	46.3	74.0	-27.7	Peak	Horizontal
*	7817.0	32.2	10.4	42.6	68.2	-25.6	Peak	Vertical
*	10078.0	32.4	13.4	45.8	68.2	-22.4	Peak	Vertical
	11004.5	30.7	16.5	47.2	74.0	-26.8	Peak	Vertical
	11812.0	30.4	16.8	47.2	74.0	-26.8	Peak	Vertical

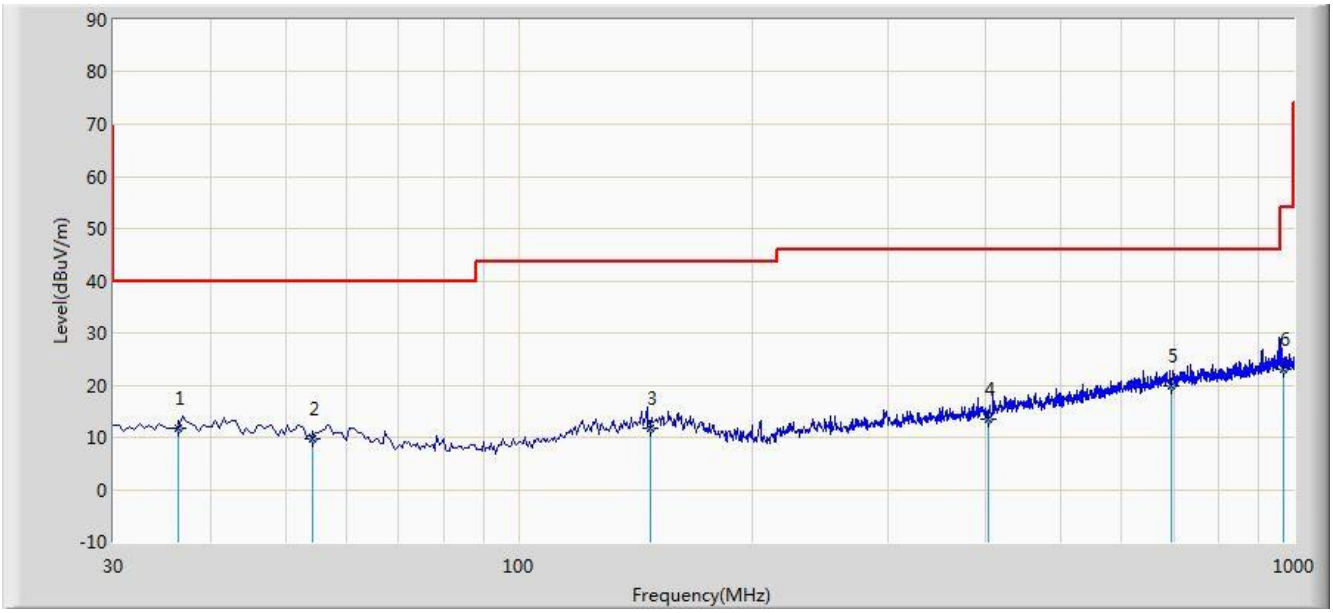
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2016/12/24 - 19:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: MID	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz	

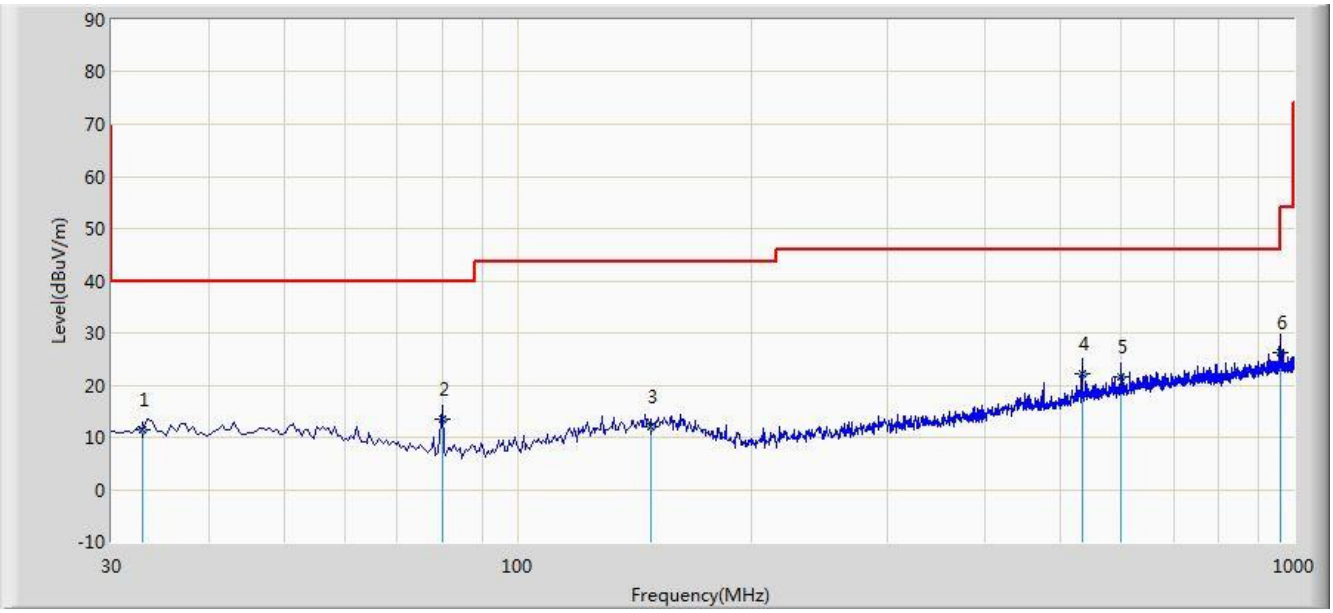


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			36.305	11.817	-2.188	-28.183	40.000	14.005	QP
2			54.250	9.843	-3.920	-30.157	40.000	13.763	QP
3			147.855	11.850	-3.173	-31.650	43.500	15.023	QP
4			402.965	13.549	-3.023	-32.451	46.000	16.572	QP
5		*	695.420	19.867	-2.078	-26.133	46.000	21.945	QP
6			968.960	22.981	-2.024	-31.019	54.000	25.005	QP

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

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

Site: AC1	Time: 2016/12/24 - 20:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: MID	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5220MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			32.910	11.524	-2.203	-28.476	40.000	13.727	QP
2			79.955	13.343	3.259	-26.657	40.000	10.084	QP
3			148.340	12.058	-2.993	-31.442	43.500	15.051	QP
4		*	533.430	22.186	3.040	-23.814	46.000	19.146	QP
5			599.875	21.708	1.220	-24.292	46.000	20.488	QP
6			960.230	26.366	1.420	-27.634	54.000	24.946	QP

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

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

Radiated Restricted Band Edge Measurement

1.1.30. Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

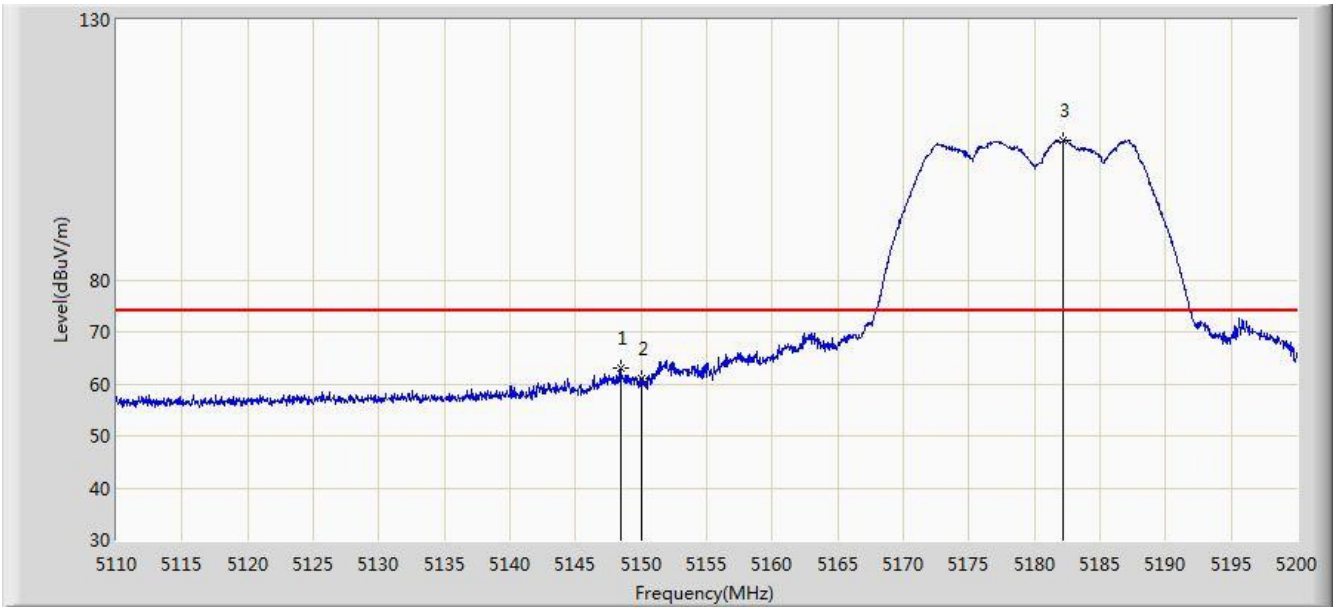
For transmitters operating in the 5.725-5.85 GHz band, all emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

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

1.1.31. Test Result of Radiated Restricted Band Edge

Site: AC1	Time: 2016/11/28 - 10:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MID	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1	

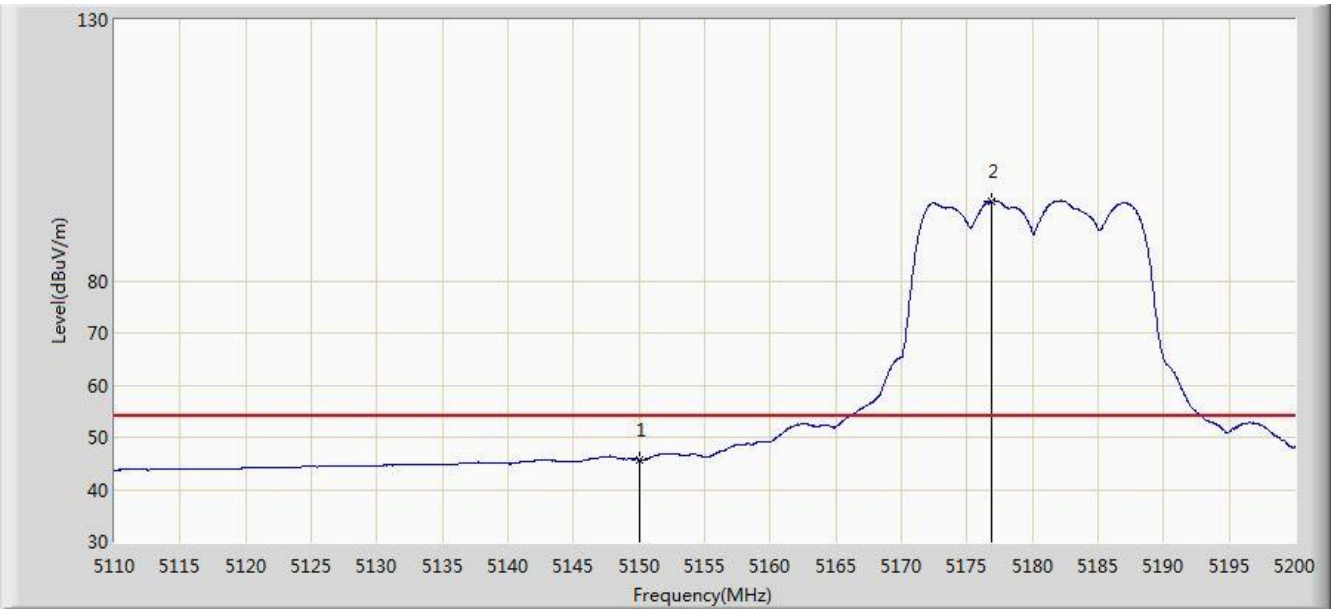


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.430	63.082	59.773	-10.918	74.000	3.309	PK
2			5150.000	60.942	57.633	-13.058	74.000	3.309	PK
3		*	5182.180	106.710	103.439	N/A	N/A	3.271	PK

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

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

Site: AC1	Time: 2016/11/28 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MID	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1	

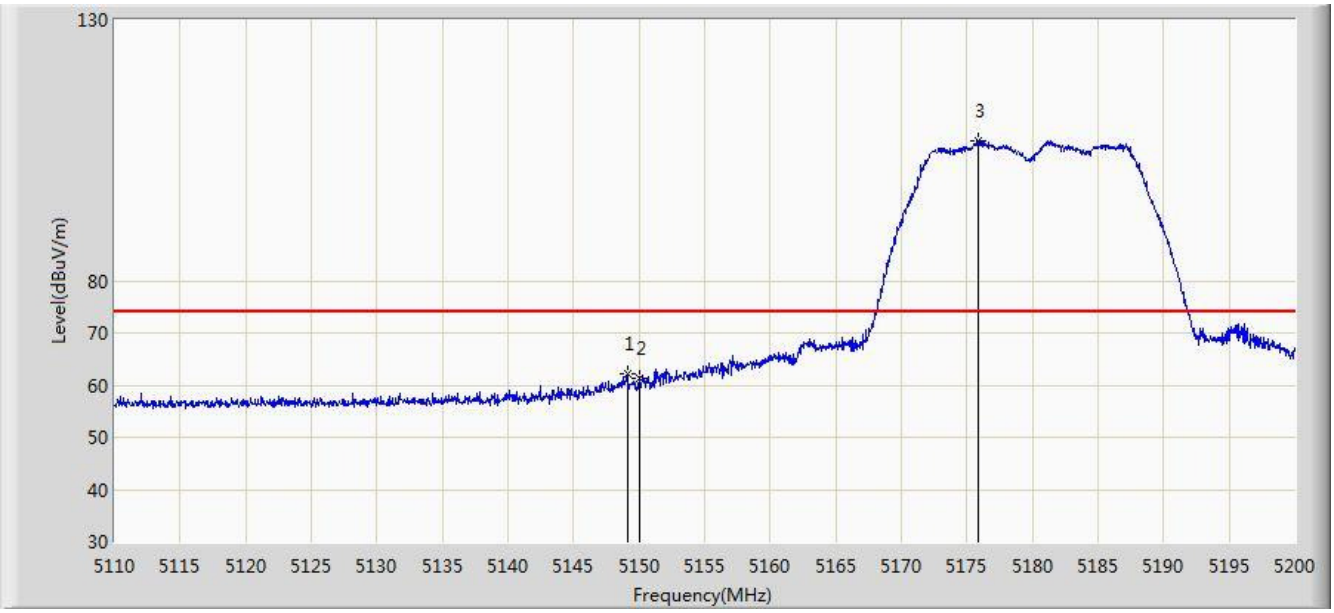


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.766	42.457	-8.234	54.000	3.309	AV
2		*	5176.870	95.332	92.056	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2016/11/28 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MID	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.105	62.146	58.837	-11.854	74.000	3.309	PK
2			5150.000	61.242	57.933	-12.758	74.000	3.309	PK
3		*	5175.835	106.822	103.546	N/A	N/A	3.276	PK

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

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