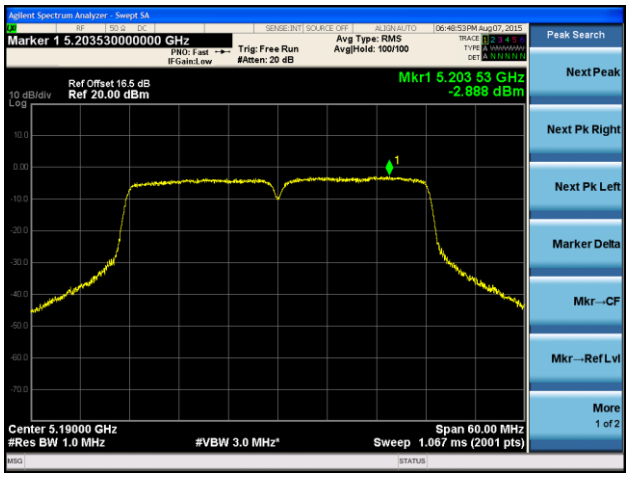
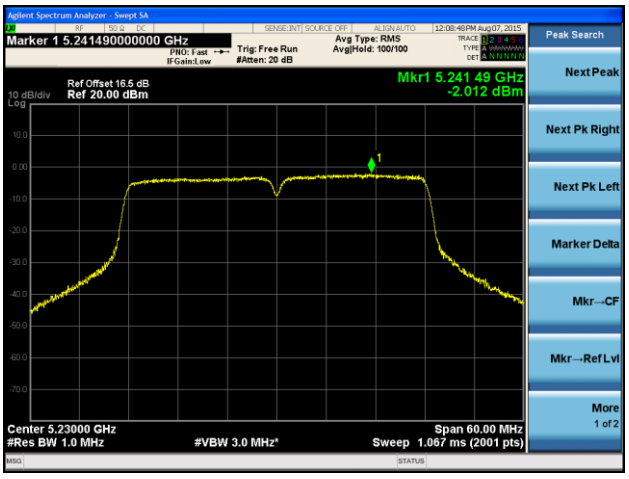
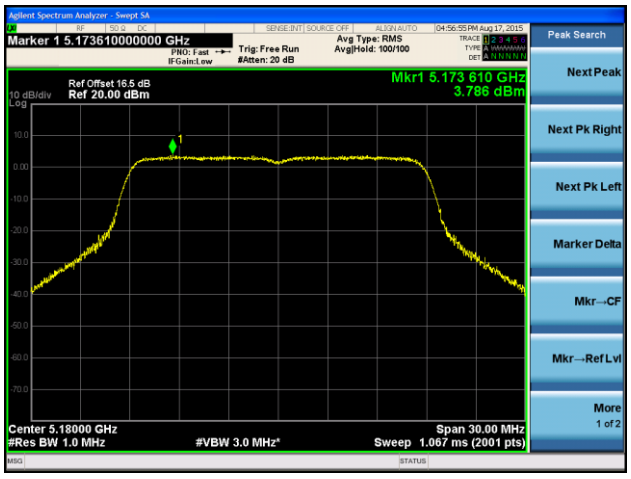
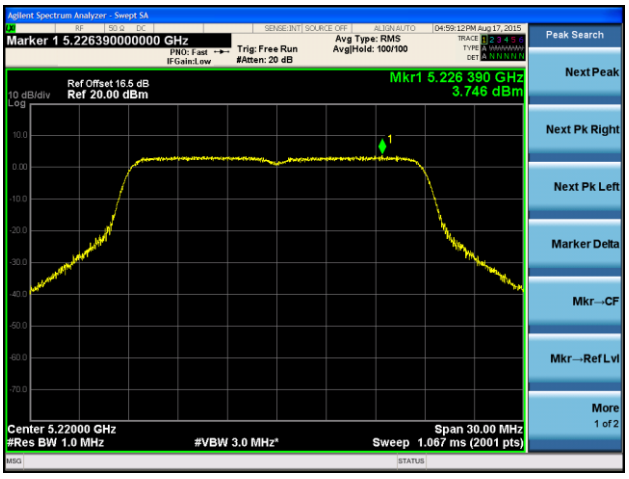
802.11n-HT40 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 1

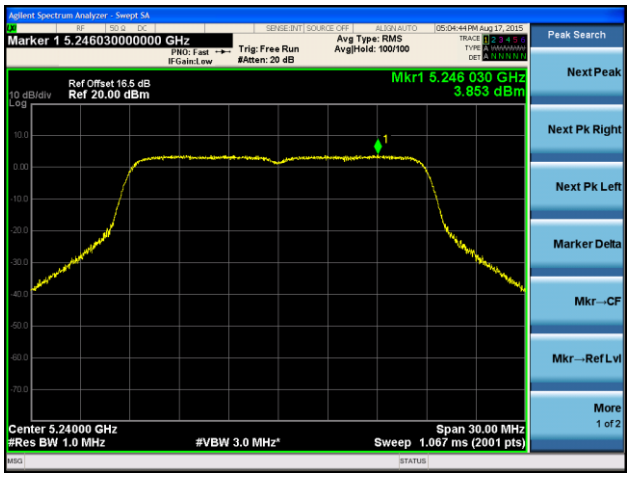
Channel 36 (5180MHz)



Channel 44 (5220MHz)

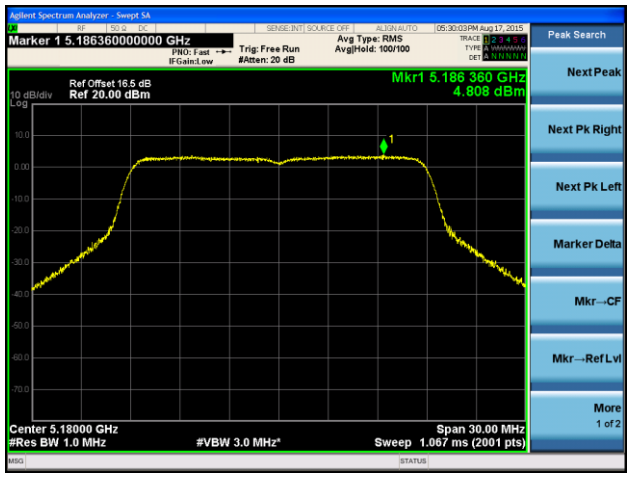


Channel 48 (5240MHz)

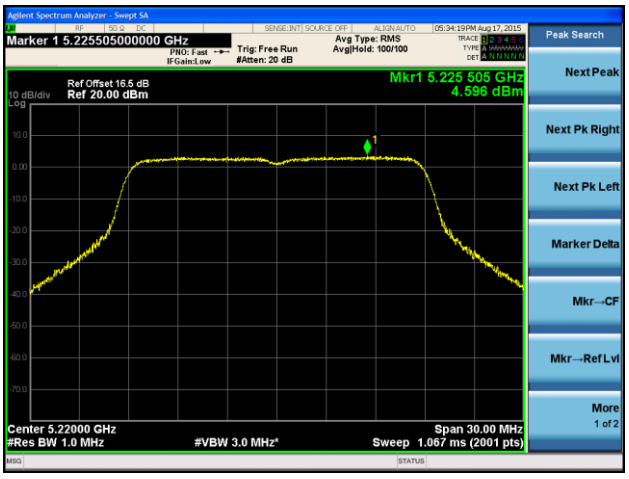


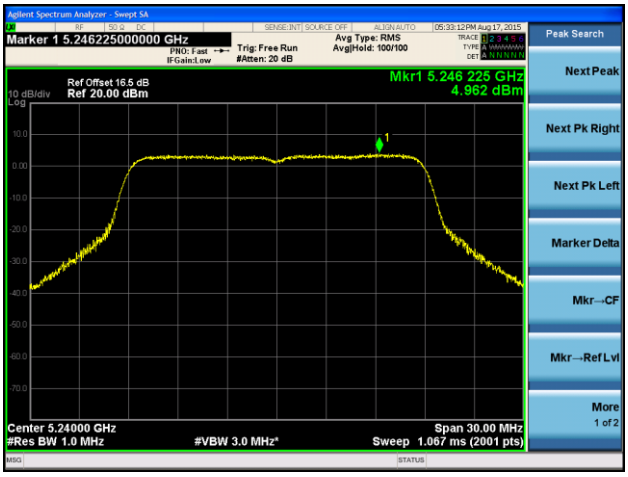
802.11ac-VHT20 Power Spectral Density - Ant 2

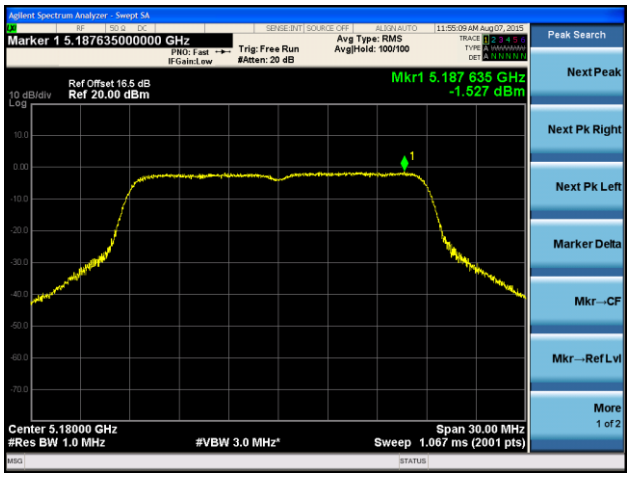
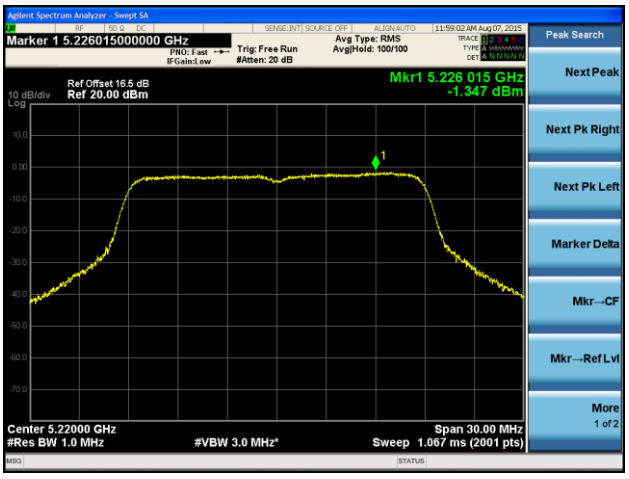
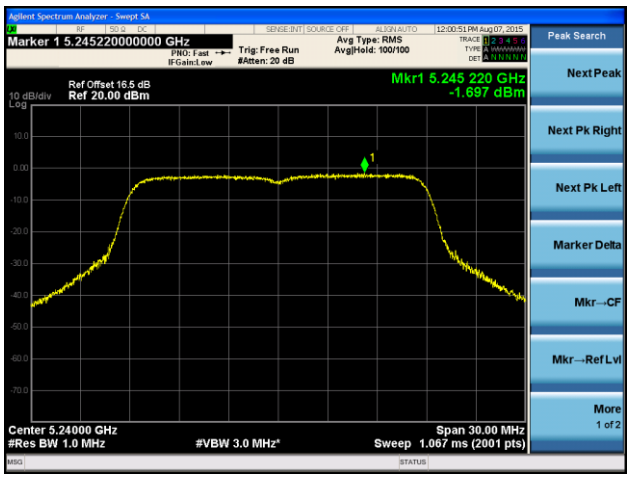
Channel 36 (5180MHz)

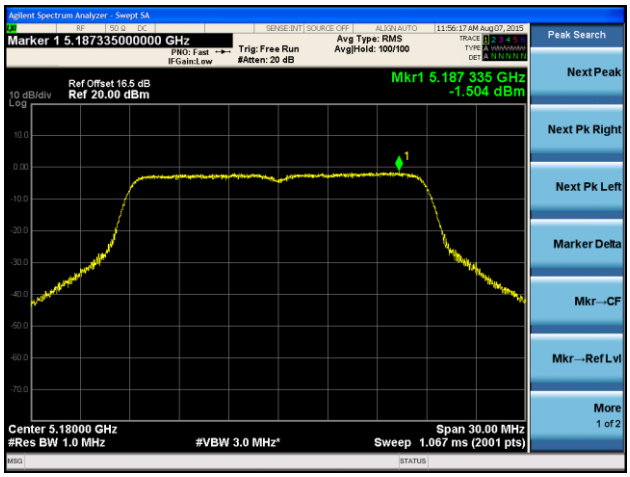
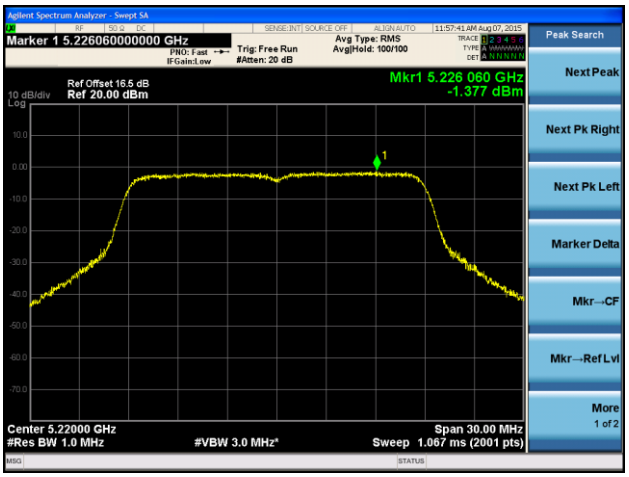
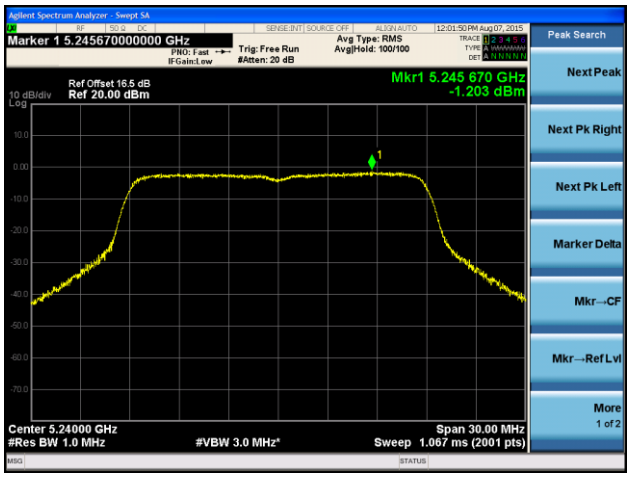


Channel 44 (5220MHz)



Channel 48 (5240MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 1 + 2	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1

Channel 38 (5190MHz)

Channel 46 (5230MHz)

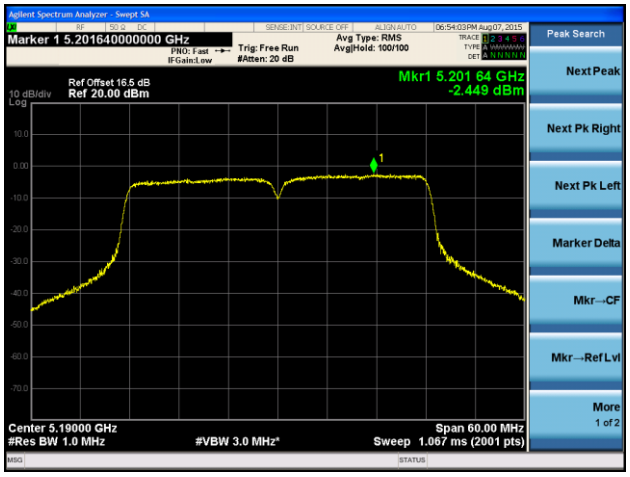
802.11ac-VHT40 Power Spectral Density - Ant 2

Channel 38 (5190MHz)

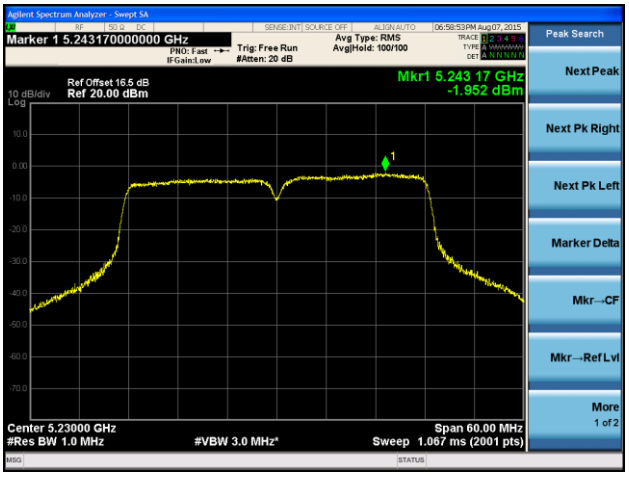
Channel 46 (5230MHz)

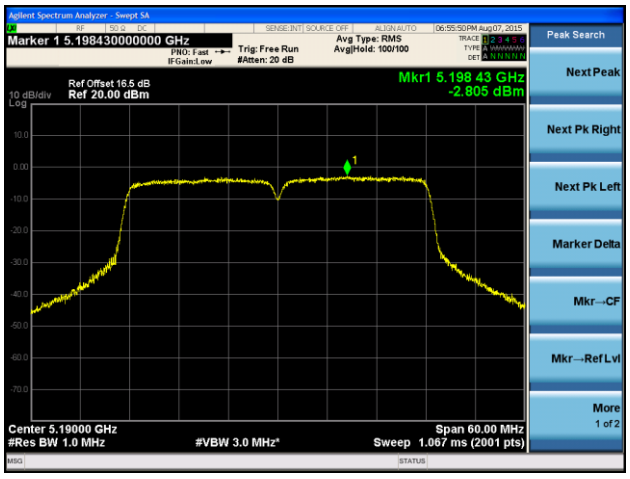
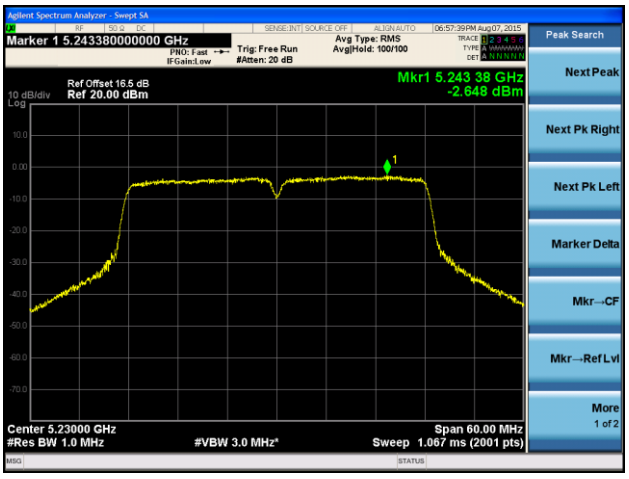
802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 1 + 2

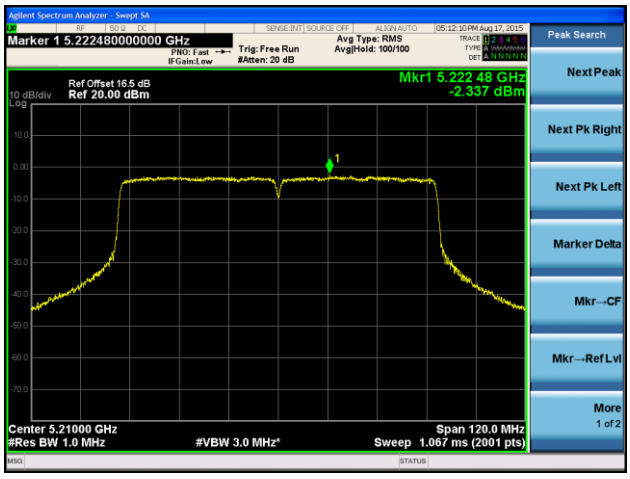
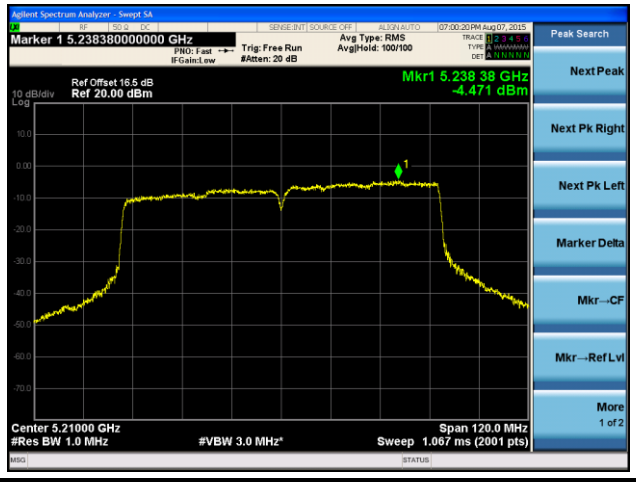
Channel 38 (5190MHz)

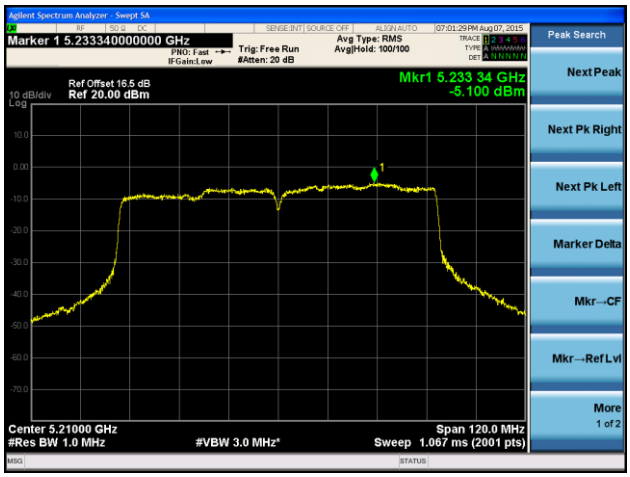


Channel 46 (5230MHz)



802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 1	
Channel 42 (5210MHz)	
	
802.11ac-VHT40 Power Spectral Density - Ant 2	
Channel 42 (5210MHz)	
	
802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 1 + 2	
Channel 42 (5210MHz)	
	

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

7.8. Frequency Stability Measurement

7.8.1. Test Limit

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

7.8.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

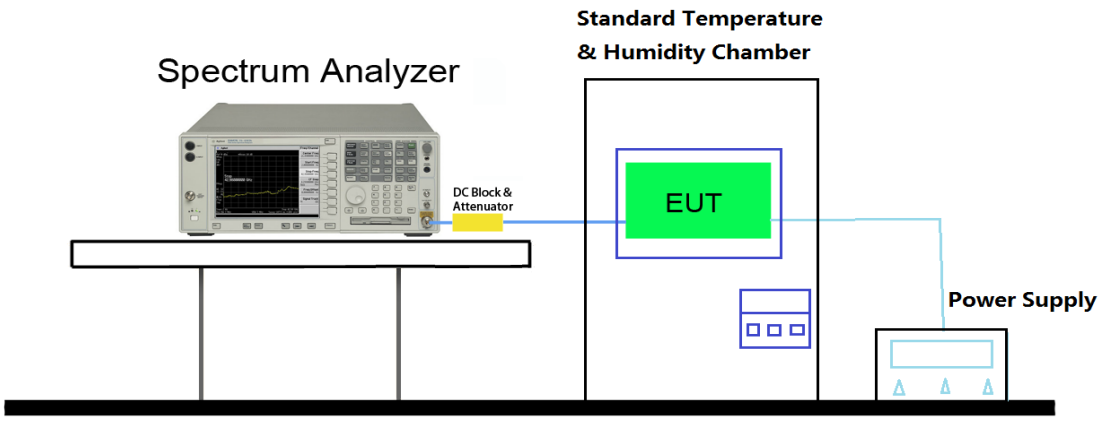
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.8.3. Test Setup



7.8.4. Test Result

Test Engineer	Milo Li	Temperature	-20 ~ 50°C
Test Time	08-10-2015	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-2.92	-3.06	-3.31	-3.52
		- 20	-2.60	-2.91	-2.39	-2.50
		- 10	-1.79	-2.76	-2.91	-1.85
		0	-1.76	-2.04	-1.78	-1.42
		+ 10	-0.54	-0.95	-0.74	0.18
		+ 20 (Ref)	-0.62	-1.00	-0.96	-0.20
		+ 30	-1.91	-2.60	-1.73	-1.81
		+ 40	-2.40	-2.26	-2.05	-1.82
		+ 50	-1.60	-2.30	-3.00	-2.52
115%	138	+ 20	-2.49	-2.44	-2.87	-2.32
85%	102	+ 20	-2.34	-1.88	-1.65	-1.40

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

7.9. Radiated Spurious Emission Measurement

7.9.1. Test Limit

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

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

7.9.2. Test Procedure Used

KDB 789033 D02v01 – Section G

7.9.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

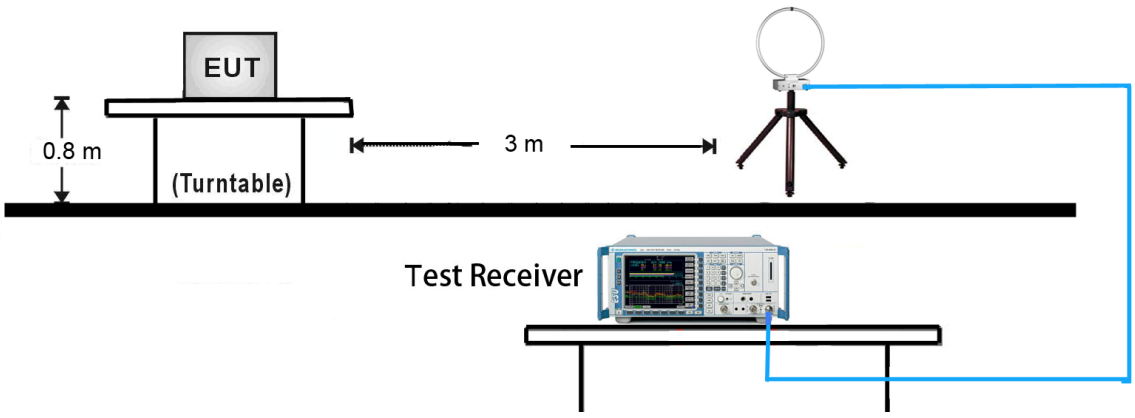
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

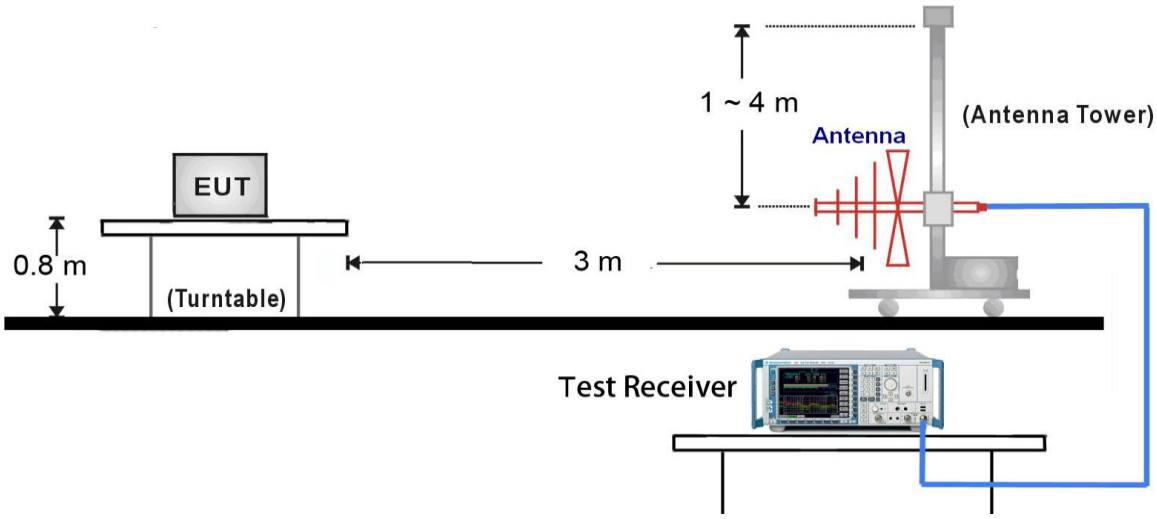
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.9.4. Test Setup

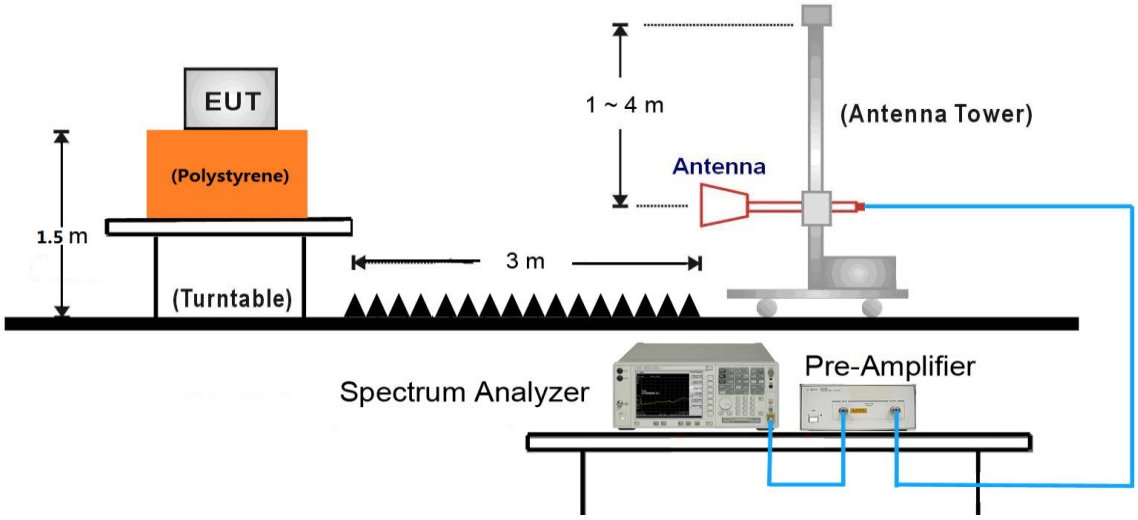
9kHz ~ 30MHz Test Setup:



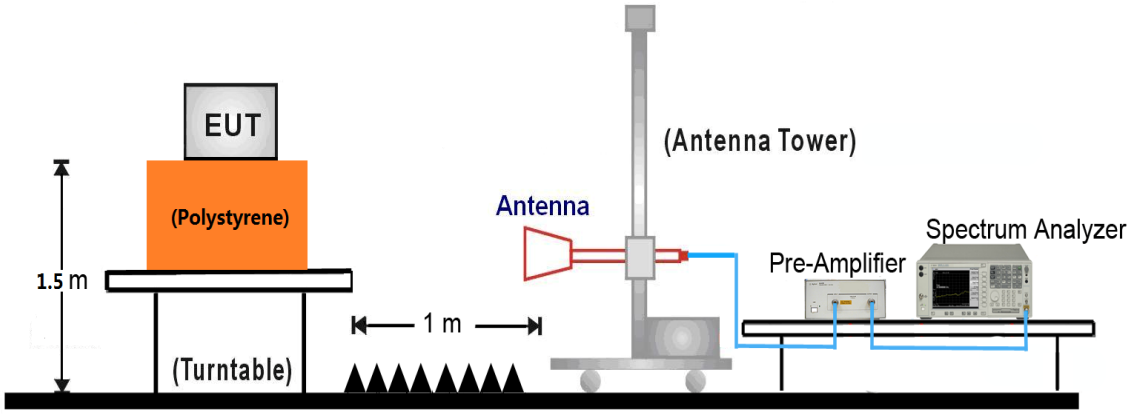
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.9.5. Test Result

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7230.5	37.8	7.8	45.6	68.2	-22.6	Peak	Horizontal
*	8599.0	38.0	8.7	46.7	68.2	-21.5	Peak	Horizontal
	11013.0	36.4	13.0	49.4	74.0	-24.6	Peak	Horizontal
	11497.5	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	7123.5	35.7	7.6	43.3	68.2	-24.9	Peak	Vertical
*	8769.3	36.5	8.9	45.4	68.2	-22.8	Peak	Vertical
	10896.5	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
	11563.2	35.4	12.7	48.1	74.0	-25.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7123.5	35.5	7.6	43.1	68.2	-25.1	Peak	Horizontal
*	10450.3	36.3	12.0	48.3	68.2	-19.9	Peak	Horizontal
	11621.3	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
	11623.6	35.0	12.5	47.5	74.0	-26.5	Peak	Horizontal
*	8899.3	35.3	9.2	44.5	68.2	-23.7	Peak	Vertical
*	10236.3	34.4	11.9	46.3	68.2	-21.9	Peak	Vertical
	10896.2	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
	11236.2	35.2	12.4	47.6	74.0	-26.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7856.3	36.6	8.4	45.0	68.2	-23.2	Peak	Horizontal
*	8865.3	35.1	9.1	44.2	68.2	-24.0	Peak	Horizontal
	10986.0	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
	11695.8	35.7	12.0	47.7	74.0	-26.3	Peak	Horizontal
*	9534.0	37.3	10.8	48.1	68.2	-20.1	Peak	Vertical
*	10477.5	38.7	12.2	50.9	68.2	-17.3	Peak	Vertical
	11123.3	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
	11685.0	35.0	12.1	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7220.0	34.9	7.8	42.7	68.2	-25.5	Peak	Horizontal
*	8875.0	34.4	9.2	43.6	68.2	-24.6	Peak	Horizontal
	10896.0	34.3	13.0	47.3	74.0	-26.7	Peak	Horizontal
	11489.5	46.0	12.8	58.8	74.0	-15.2	Peak	Horizontal
	11489.5	31.3	12.8	44.1	54.0	-9.9	Average	Horizontal
*	7104.0	35.7	7.5	43.2	68.2	-25.0	Peak	Vertical
*	8785.0	35.6	8.9	44.5	68.2	-23.7	Peak	Vertical
	10956.0	33.9	13.1	47.0	74.0	-27.0	Peak	Vertical
	11490.7	45.8	12.8	58.6	74.0	-15.4	Peak	Vertical
	11490.7	31.5	12.8	44.3	54.0	-9.7	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7132.0	35.3	7.7	43.0	68.2	-25.2	Peak	Horizontal
*	8965.0	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	10865.0	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
	11569.4	44.8	12.7	57.5	74.0	-16.5	Peak	Horizontal
	11569.4	31.4	12.7	44.1	54.0	-9.9	Average	Horizontal
*	7231.3	35.6	7.8	43.4	68.2	-24.8	Peak	Vertical
*	8756.0	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	10869.0	34.2	12.8	47.0	74.0	-27.0	Peak	Vertical
	11569.1	44.6	12.7	57.3	74.0	-16.7	Peak	Vertical
	11569.1	30.2	12.7	42.9	54.0	-11.1	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7116.0	34.7	7.6	42.3	68.2	-25.9	Peak	Horizontal
*	8766.0	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
	11089.0	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
	11651.2	45.4	12.3	57.7	74.0	-16.3	Peak	Horizontal
	11651.2	30.3	12.3	42.6	54.0	-11.4	Average	Horizontal
*	7143.0	35.1	7.7	42.8	68.2	-25.4	Peak	Vertical
*	8756.0	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
	9462.0	35.1	10.5	45.6	74.0	-28.4	Peak	Vertical
	11650.6	44.2	12.3	56.5	74.0	-17.5	Peak	Vertical
	11650.6	32.0	12.3	44.3	54.0	-9.7	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7110.3	35.9	7.5	43.4	68.2	-24.8	Peak	Horizontal
*	8632.5	36.0	8.8	44.8	68.2	-23.4	Peak	Horizontal
	9345.2	34.7	10.5	45.2	74.0	-28.8	Peak	Horizontal
	10986.0	33.7	13.0	46.7	74.0	-27.3	Peak	Horizontal
*	7135.0	35.9	7.7	43.6	68.2	-24.6	Peak	Vertical
*	8765.0	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
	9056.0	34.4	9.0	43.4	74.0	-30.6	Peak	Vertical
	10896.0	33.6	13.0	46.6	74.0	-27.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7231.0	34.9	7.8	42.7	68.2	-25.5	Peak	Horizontal
*	8756.0	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	9456.0	35.0	10.5	45.5	74.0	-28.5	Peak	Horizontal
	10896.0	34.1	13.0	47.1	74.0	-26.9	Peak	Horizontal
*	7108.0	35.3	7.5	42.8	68.2	-25.4	Peak	Vertical
*	7823.0	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
	9052.0	33.8	9.0	42.8	74.0	-31.2	Peak	Vertical
	10653.0	34.3	12.3	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:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7106.0	35.5	7.5	43.0	68.2	-25.2	Peak	Horizontal
*	8638.0	35.1	8.8	43.9	68.2	-24.3	Peak	Horizontal
	9123.0	34.9	9.6	44.5	74.0	-29.5	Peak	Horizontal
	10856.0	35.0	12.8	47.8	74.0	-26.2	Peak	Horizontal
*	7106.0	35.1	7.5	42.6	68.2	-25.6	Peak	Vertical
*	8603.3	35.5	8.7	44.2	68.2	-24.0	Peak	Vertical
	9356.0	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	11230.0	33.9	12.4	46.3	74.0	-27.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7012.3	35.0	6.9	41.9	68.2	-26.3	Peak	Horizontal
*	8965.3	36.1	9.0	45.1	68.2	-23.1	Peak	Horizontal
	9356.2	33.8	10.5	44.3	74.0	-29.7	Peak	Horizontal
	11490.3	44.4	12.8	57.2	74.0	-16.8	Peak	Horizontal
	11490.3	30.7	12.8	43.5	54.0	-10.5	Average	Horizontal
*	7965.0	35.4	8.6	44.0	68.2	-24.2	Peak	Vertical
*	8645.0	34.8	8.8	43.6	68.2	-24.6	Peak	Vertical
	9136.3	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	11490.5	46.9	12.8	59.7	74.0	-14.3	Peak	Vertical
	11490.5	33.2	12.8	46.0	54.0	-8.0	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7865.3	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8745.0	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	9356.0	33.3	10.5	43.8	74.0	-30.2	Peak	Horizontal
	11569.1	43.6	12.7	56.3	74.0	-17.7	Peak	Horizontal
	11569.1	30.9	12.7	43.6	54.0	-10.4	Average	Horizontal
*	7023.3	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	8796.3	34.6	8.9	43.5	68.2	-24.7	Peak	Vertical
	9456.3	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	11569.5	44.5	12.7	57.2	74.0	-16.8	Peak	Vertical
	11569.5	33.0	12.7	45.7	54.0	-8.3	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7865.2	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8656.0	35.0	8.8	43.8	68.2	-24.4	Peak	Horizontal
	9065.8	35.7	9.1	44.8	74.0	-29.2	Peak	Horizontal
	11651.1	42.9	12.3	55.2	74.0	-18.8	Peak	Horizontal
	11651.1	29.8	12.3	42.1	54.0	-11.9	Average	Horizontal
*	7120.3	34.4	7.6	42.0	68.2	-26.2	Peak	Vertical
*	8636.5	35.0	8.8	43.8	68.2	-24.4	Peak	Vertical
	9152.3	34.7	9.8	44.5	74.0	-29.5	Peak	Vertical
	11648.9	44.7	12.3	57.0	74.0	-17.0	Peak	Vertical
	11648.9	31.3	12.3	43.6	54.0	-10.4	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7845.2	35.7	8.4	44.1	68.2	-24.1	Peak	Horizontal
*	8712.6	35.1	9.0	44.1	68.2	-24.1	Peak	Horizontal
	9425.6	34.8	10.6	45.4	74.0	-28.6	Peak	Horizontal
	11030.0	35.9	13.0	48.9	74.0	-25.1	Peak	Horizontal
*	7845.6	35.8	8.4	44.2	68.2	-24.0	Peak	Vertical
*	8765.2	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9132.3	35.3	9.7	45.0	74.0	-29.0	Peak	Vertical
	11438.0	36.7	12.6	49.3	74.0	-24.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7812.6	34.5	8.4	42.9	68.2	-25.3	Peak	Horizontal
*	8751.2	34.7	9.0	43.7	68.2	-24.5	Peak	Horizontal
	9194.0	36.3	10.1	46.4	74.0	-27.6	Peak	Horizontal
	10789.3	34.4	12.6	47.0	74.0	-27.0	Peak	Horizontal
*	7836.2	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
*	8725.3	34.4	9.0	43.4	68.2	-24.8	Peak	Vertical
	9126.0	36.0	9.7	45.7	74.0	-28.3	Peak	Vertical
	10749.5	35.4	12.5	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:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7852.3	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8762.3	34.6	9.0	43.6	68.2	-24.6	Peak	Horizontal
	9456.8	35.1	10.5	45.6	74.0	-28.4	Peak	Horizontal
	11514.5	39.8	12.8	52.6	74.0	-21.4	Peak	Horizontal
*	7963.2	35.8	8.6	44.4	68.2	-23.8	Peak	Vertical
*	8762.3	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9452.3	34.5	10.5	45.0	74.0	-29.0	Peak	Vertical
	11514.5	39.9	12.8	52.7	74.0	-21.3	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-HT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7896.0	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8765.3	35.1	9.0	44.1	68.2	-24.1	Peak	Horizontal
	9136.3	34.5	9.7	44.2	74.0	-29.8	Peak	Horizontal
	11608.0	39.0	12.5	51.5	74.0	-22.5	Peak	Horizontal
*	7862.3	34.5	8.4	42.9	68.2	-25.3	Peak	Vertical
*	8752.3	34.0	9.0	43.0	68.2	-25.2	Peak	Vertical
	9123.6	33.8	9.6	43.4	74.0	-30.6	Peak	Vertical
	11599.5	39.4	12.6	52.0	74.0	-22.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7856.1	34.8	8.4	43.2	68.2	-25.0	Peak	Horizontal
*	8763.1	34.1	9.0	43.1	68.2	-25.1	Peak	Horizontal
	9136.8	35.0	9.7	44.7	74.0	-29.3	Peak	Horizontal
	11563.3	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	7865.3	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
*	8745.9	33.8	9.0	42.8	68.2	-25.4	Peak	Vertical
	9123.6	34.6	9.6	44.2	74.0	-29.8	Peak	Vertical
	10856.3	33.6	12.8	46.4	74.0	-27.6	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 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8742.3	34.1	9.0	43.1	68.2	-25.1	Peak	Horizontal
	9165.9	34.2	9.8	44.0	74.0	-30.0	Peak	Horizontal
	11645.3	34.6	12.4	47.0	74.0	-27.0	Peak	Horizontal
*	7863.3	35.1	8.4	43.5	68.2	-24.7	Peak	Vertical
*	8745.2	33.9	9.0	42.9	68.2	-25.3	Peak	Vertical
	9165.3	34.0	9.8	43.8	74.0	-30.2	Peak	Vertical
	11634.9	34.1	12.4	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:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7869.6	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8725.6	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	9169.3	34.4	9.9	44.3	74.0	-29.7	Peak	Horizontal
	11659.4	34.6	12.3	46.9	74.0	-27.1	Peak	Horizontal
*	7962.3	35.7	8.6	44.3	68.2	-23.9	Peak	Vertical
*	8863.0	34.3	9.1	43.4	68.2	-24.8	Peak	Vertical
	9456.3	35.0	10.5	45.5	74.0	-28.5	Peak	Vertical
	10758.0	35.7	12.5	48.2	74.0	-25.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7865.3	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8745.2	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	9165.8	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
	11490.0	42.3	12.8	55.1	74.0	-18.9	Peak	Horizontal
	11490.0	30.3	12.8	43.1	54.0	-10.9	Average	Horizontal
*	7865.3	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
*	8962.3	33.9	9.0	42.9	68.2	-25.3	Peak	Vertical
	9136.9	35.6	9.7	45.3	74.0	-28.7	Peak	Vertical
	11490.0	44.8	12.8	57.6	74.0	-16.4	Peak	Vertical
	11490.0	32.8	12.8	45.6	54.0	-8.4	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7869.0	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8725.0	34.3	9.0	43.3	68.2	-24.9	Peak	Horizontal
	9125.3	33.9	9.7	43.6	74.0	-30.4	Peak	Horizontal
	11569.2	42.7	12.7	55.4	74.0	-18.6	Peak	Horizontal
	11569.2	31.3	12.7	44.0	54.0	-10.0	Average	Horizontal
*	7852.3	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8745.3	34.0	9.0	43.0	68.2	-25.2	Peak	Vertical
	9156.3	35.0	9.8	44.8	74.0	-29.2	Peak	Vertical
	11570.0	41.6	12.7	54.3	74.0	-19.7	Peak	Vertical
	11570.0	30.9	12.7	43.6	54.0	-10.4	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7836.3	34.8	8.4	43.2	68.2	-25.0	Peak	Horizontal
*	8725.9	34.4	9.0	43.4	68.2	-24.8	Peak	Horizontal
	9168.8	34.5	9.9	44.4	74.0	-29.6	Peak	Horizontal
	11650.5	40.5	12.3	52.8	74.0	-21.2	Peak	Horizontal
*	7836.3	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8756.3	34.2	9.0	43.2	68.2	-25.0	Peak	Vertical
	9136.3	33.8	9.7	43.5	74.0	-30.5	Peak	Vertical
	11642.0	40.3	12.4	52.7	74.0	-21.3	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-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.3	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8736.9	33.8	9.0	42.8	68.2	-25.4	Peak	Horizontal
	9168.3	35.0	9.9	44.9	74.0	-29.1	Peak	Horizontal
	11021.5	33.9	13.0	46.9	74.0	-27.1	Peak	Horizontal
*	7836.1	34.5	8.4	42.9	68.2	-25.3	Peak	Vertical
*	8796.1	34.3	8.9	43.2	68.2	-25.0	Peak	Vertical
	9185.6	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
	11021.5	33.3	13.0	46.3	74.0	-27.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7852.3	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
*	8763.5	33.6	9.0	42.6	68.2	-25.6	Peak	Horizontal
	9185.6	34.0	10.0	44.0	74.0	-30.0	Peak	Horizontal
	11021.5	33.9	13.0	46.9	74.0	-27.1	Peak	Horizontal
*	7863.9	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8725.0	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
	9182.6	33.8	10.0	43.8	74.0	-30.2	Peak	Vertical
	11021.5	33.7	13.0	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 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7869.3	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8763.9	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	9186.4	33.9	10.1	44.0	74.0	-30.0	Peak	Horizontal
	11506.0	38.0	12.8	50.8	74.0	-23.2	Peak	Horizontal
*	7825.6	34.7	8.4	43.1	68.2	-25.1	Peak	Vertical
*	8796.2	34.4	8.9	43.3	68.2	-24.9	Peak	Vertical
	9182.9	34.1	10.0	44.1	74.0	-29.9	Peak	Vertical
	11514.5	41.2	12.8	54.0	74.0	-20.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7816.9	34.0	8.4	42.4	68.2	-25.8	Peak	Horizontal
*	8756.9	34.5	9.0	43.5	68.2	-24.7	Peak	Horizontal
	9198.3	34.6	10.1	44.7	74.0	-29.3	Peak	Horizontal
	11591.0	38.7	12.6	51.3	74.0	-22.7	Peak	Horizontal
*	7863.9	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8715.9	34.2	9.0	43.2	68.2	-25.0	Peak	Vertical
	9158.6	34.1	9.8	43.9	74.0	-30.1	Peak	Vertical
	11616.5	38.6	12.5	51.1	74.0	-22.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7836.1	34.9	8.4	43.3	68.2	-24.9	Peak	Horizontal
*	8795.3	33.4	8.9	42.3	68.2	-25.9	Peak	Horizontal
	9185.3	34.2	10.0	44.2	74.0	-29.8	Peak	Horizontal
	11825.9	34.3	11.9	46.2	74.0	-27.8	Peak	Horizontal
*	7862.9	34.9	8.4	43.3	68.2	-24.9	Peak	Vertical
*	8769.3	34.2	8.9	43.1	68.2	-25.1	Peak	Vertical
	9185.3	34.2	10.0	44.2	74.0	-29.8	Peak	Vertical
	11863.3	33.8	11.8	45.6	74.0	-28.4	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-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7869.3	34.7	8.4	43.1	68.2	-25.1	Peak	Horizontal
*	8725.6	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
	9128.6	34.7	9.7	44.4	74.0	-29.6	Peak	Horizontal
	11565.5	38.0	12.7	50.7	74.0	-23.3	Peak	Horizontal
*	7815.4	34.3	8.4	42.7	68.2	-25.5	Peak	Vertical
*	8725.9	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
	9156.9	33.8	9.8	43.6	74.0	-30.4	Peak	Vertical
	11565.5	38.5	12.7	51.2	74.0	-22.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8776.3	36.8	8.9	45.7	68.2	-22.5	Peak	Horizontal
*	10358.5	39.8	12.2	52.0	68.2	-16.2	Peak	Horizontal
	10869.8	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
	11863.6	35.1	11.8	46.9	74.0	-27.1	Peak	Horizontal
*	7896.4	36.4	8.4	44.8	68.2	-23.4	Peak	Vertical
*	10358.5	39.3	12.2	51.5	68.2	-16.7	Peak	Vertical
	11452.3	36.5	12.7	49.2	74.0	-24.8	Peak	Vertical
	11836.1	34.0	11.9	45.9	74.0	-28.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8736.9	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
*	10443.5	38.1	12.0	50.1	68.2	-18.1	Peak	Horizontal
	10986.4	33.9	13.0	46.9	74.0	-27.1	Peak	Horizontal
	11963.8	34.5	11.9	46.4	74.0	-27.6	Peak	Horizontal
*	8736.4	35.7	8.9	44.6	68.2	-23.6	Peak	Vertical
*	10443.5	39.1	12.0	51.1	68.2	-17.1	Peak	Vertical
	10896.3	33.8	13.0	46.8	74.0	-27.2	Peak	Vertical
	11256.3	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8756.9	35.6	9.0	44.6	68.2	-23.6	Peak	Horizontal
*	10477.5	38.0	12.2	50.2	68.2	-18.0	Peak	Horizontal
	10789.3	34.3	12.6	46.9	74.0	-27.1	Peak	Horizontal
	11856.9	33.9	11.9	45.8	74.0	-28.2	Peak	Horizontal
*	8736.4	35.1	8.9	44.0	68.2	-24.2	Peak	Vertical
*	10477.5	40.7	12.2	52.9	68.2	-15.3	Peak	Vertical
	10786.3	34.2	12.6	46.8	74.0	-27.2	Peak	Vertical
	11469.8	35.2	12.7	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:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7826.4	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8756.9	35.7	9.0	44.7	68.2	-23.5	Peak	Horizontal
	9163.5	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
	11489.0	38.0	12.8	50.8	74.0	-23.2	Peak	Horizontal
*	7869.1	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8756.1	35.6	9.0	44.6	68.2	-23.6	Peak	Vertical
	9148.3	34.3	9.8	44.1	74.0	-29.9	Peak	Vertical
	11489.0	37.5	12.8	50.3	74.0	-23.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7895.8	36.1	8.4	44.5	68.2	-23.7	Peak	Horizontal
*	8715.9	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
	9156.8	34.2	9.8	44.0	74.0	-30.0	Peak	Horizontal
	11569.4	41.5	12.7	54.2	74.0	-19.8	Peak	Horizontal
	11569.4	26.3	12.7	39.0	54.0	-15.0	Average	Horizontal
*	7863.5	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8769.2	35.8	9.0	44.8	68.2	-23.4	Peak	Vertical
	9126.8	35.2	9.7	44.9	74.0	-29.1	Peak	Vertical
	11569.6	42.0	12.7	54.7	74.0	-19.3	Peak	Vertical
	11569.6	28.2	12.7	40.9	54.0	-13.1	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.9	35.9	8.4	44.3	68.2	-23.9	Peak	Horizontal
*	8725.1	35.4	9.0	44.4	68.2	-23.8	Peak	Horizontal
	9158.6	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
	11650.5	41.0	12.3	53.3	74.0	-20.7	Peak	Horizontal
*	7825.4	35.2	8.4	43.6	68.2	-24.6	Peak	Vertical
*	8732.1	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9158.6	33.7	9.8	43.5	74.0	-30.5	Peak	Vertical
	11649.5	43.2	12.3	55.5	74.0	-18.5	Peak	Vertical
	11649.5	29.9	12.3	42.2	54.0	-11.8	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8725.6	35.9	9.0	44.9	68.2	-23.3	Peak	Horizontal
*	10358.5	37.9	12.2	50.1	68.2	-18.1	Peak	Horizontal
	10963.4	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
	11574.0	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	8765.3	36.0	9.0	45.0	68.2	-23.2	Peak	Vertical
*	10358.5	38.2	12.2	50.4	68.2	-17.8	Peak	Vertical
	10896.3	33.9	13.0	46.9	74.0	-27.1	Peak	Vertical
	11574.0	34.9	12.6	47.5	74.0	-26.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8762.3	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
*	10443.5	37.9	12.0	49.9	68.2	-18.3	Peak	Horizontal
	10786.3	33.9	12.6	46.5	74.0	-27.5	Peak	Horizontal
	11452.8	34.5	12.7	47.2	74.0	-26.8	Peak	Horizontal
*	8752.6	36.2	9.0	45.2	68.2	-23.0	Peak	Vertical
*	10443.5	38.4	12.0	50.4	68.2	-17.8	Peak	Vertical
	10965.3	33.6	13.1	46.7	74.0	-27.3	Peak	Vertical
	11485.2	35.1	12.7	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:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.3	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
*	10477.5	37.7	12.2	49.9	68.2	-18.3	Peak	Horizontal
	10963.3	33.5	13.1	46.6	74.0	-27.4	Peak	Horizontal
	11658.9	36.4	12.3	48.7	74.0	-25.3	Peak	Horizontal
*	8715.6	35.4	9.0	44.4	68.2	-23.8	Peak	Vertical
*	10477.5	39.0	12.2	51.2	68.2	-17.0	Peak	Vertical
	10786.9	33.7	12.6	46.3	74.0	-27.7	Peak	Vertical
	11639.1	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7836.1	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8768.7	36.1	9.0	45.1	68.2	-23.1	Peak	Horizontal
	9125.4	34.9	9.7	44.6	74.0	-29.4	Peak	Horizontal
	11489.0	38.2	12.8	51.0	74.0	-23.0	Peak	Horizontal
*	7893.6	35.8	8.4	44.2	68.2	-24.0	Peak	Vertical
*	8725.3	35.7	9.0	44.7	68.2	-23.5	Peak	Vertical
	9136.1	34.8	9.7	44.5	74.0	-29.5	Peak	Vertical
	11480.5	36.9	12.7	49.6	74.0	-24.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.4	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8769.5	35.4	8.9	44.3	68.2	-23.9	Peak	Horizontal
	9169.3	34.1	9.9	44.0	74.0	-30.0	Peak	Horizontal
	11569.4	41.5	12.7	54.2	74.0	-19.8	Peak	Horizontal
	11569.4	26.2	12.7	38.9	54.0	-15.1	Average	Horizontal
*	7826.6	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8726.9	35.4	9.0	44.4	68.2	-23.8	Peak	Vertical
	9138.6	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical
	11557.0	39.6	12.7	52.3	74.0	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.9	35.8	8.4	44.2	68.2	-24.0	Peak	Horizontal
*	8725.6	35.4	9.0	44.4	68.2	-23.8	Peak	Horizontal
	9168.2	33.8	9.9	43.7	74.0	-30.3	Peak	Horizontal
	11649.1	42.5	12.3	54.8	74.0	-19.2	Peak	Horizontal
	11649.1	27.2	12.3	39.5	54.0	-14.5	Average	Horizontal
	7863.9	36.2	8.4	44.6	68.2	-23.6	Peak	Horizontal
*	8725.4	35.8	9.0	44.8	68.2	-23.4	Peak	Vertical
*	9169.3	33.6	9.9	43.5	74.0	-30.5	Peak	Vertical
	11650.5	42.1	12.3	54.4	74.0	-19.6	Peak	Vertical
	11650.5	29.9	12.3	42.2	54.0	-11.8	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7823.6	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8714.3	35.8	9.0	44.8	68.2	-23.4	Peak	Horizontal
	9156.8	35.0	9.8	44.8	74.0	-29.2	Peak	Horizontal
	11489.1	35.6	12.8	48.4	74.0	-25.6	Peak	Horizontal
*	7836.5	35.5	8.4	43.9	68.2	-24.3	Peak	Vertical
*	8796.5	36.6	8.9	45.5	68.2	-22.7	Peak	Vertical
	9132.2	33.9	9.7	43.6	74.0	-30.4	Peak	Vertical
	11196.3	34.0	12.5	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 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8759.6	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
*	10460.5	36.8	12.1	48.9	68.2	-19.3	Peak	Horizontal
	10963.4	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
	11653.3	34.6	12.3	46.9	74.0	-27.1	Peak	Horizontal
*	8727.0	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
*	10452.0	37.2	12.0	49.2	68.2	-19.0	Peak	Vertical
	10986.4	33.7	13.0	46.7	74.0	-27.3	Peak	Vertical
	11569.3	34.2	12.7	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:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.4	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8726.4	36.3	9.0	45.3	68.2	-22.9	Peak	Horizontal
	9136.9	34.1	9.7	43.8	74.0	-30.2	Peak	Horizontal
	11456.3	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	7863.4	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8762.2	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
	9125.6	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	11526.3	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.2	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8752.1	36.5	9.0	45.5	68.2	-22.7	Peak	Horizontal
	9165.8	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
	11565.5	38.9	12.7	51.6	74.0	-22.4	Peak	Horizontal
*	7863.5	36.0	8.4	44.4	68.2	-23.8	Peak	Vertical
*	8712.4	34.6	9.0	43.6	68.2	-24.6	Peak	Vertical
	9125.6	34.5	9.7	44.2	74.0	-29.8	Peak	Vertical
	11574.0	38.4	12.6	51.0	74.0	-23.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8796.4	36.0	8.9	44.9	68.2	-23.3	Peak	Horizontal
*	10358.5	36.7	12.2	48.9	68.2	-19.3	Peak	Horizontal
	10756.3	34.2	12.5	46.7	74.0	-27.3	Peak	Horizontal
	11863.5	33.3	11.8	45.1	74.0	-28.9	Peak	Horizontal
*	8712.3	34.9	9.0	43.9	68.2	-24.3	Peak	Vertical
*	10367.0	36.7	12.2	48.9	68.2	-19.3	Peak	Vertical
	10693.1	34.3	12.4	46.7	74.0	-27.3	Peak	Vertical
	11156.8	34.3	12.6	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-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.9	35.9	8.4	44.3	68.2	-23.9	Peak	Horizontal
*	8745.1	35.6	9.0	44.6	68.2	-23.6	Peak	Horizontal
	9125.6	33.5	9.7	43.2	74.0	-30.8	Peak	Horizontal
	10863.8	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
*	8752.3	34.9	9.0	43.9	68.2	-24.3	Peak	Vertical
*	10443.5	37.9	12.0	49.9	68.2	-18.3	Peak	Vertical
	10865.1	32.6	12.8	45.4	74.0	-28.6	Peak	Vertical
	11632.9	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8795.4	36.5	8.9	45.4	68.2	-22.8	Peak	Horizontal
*	10477.5	37.0	12.2	49.2	68.2	-19.0	Peak	Horizontal
	10867.4	33.5	12.8	46.3	74.0	-27.7	Peak	Horizontal
	11563.2	35.5	12.7	48.2	74.0	-25.8	Peak	Horizontal
*	8756.9	35.4	9.0	44.4	68.2	-23.8	Peak	Vertical
*	10477.5	38.1	12.2	50.3	68.2	-17.9	Peak	Vertical
	10896.3	33.3	13.0	46.3	74.0	-27.7	Peak	Vertical
	11852.4	33.7	11.9	45.6	74.0	-28.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.4	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8756.3	35.4	9.0	44.4	68.2	-23.8	Peak	Horizontal
	9164.5	34.5	9.8	44.3	74.0	-29.7	Peak	Horizontal
	11489.0	37.2	12.8	50.0	74.0	-24.0	Peak	Horizontal
*	7863.2	35.1	8.4	43.5	68.2	-24.7	Peak	Vertical
*	8745.6	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
	9186.3	34.3	10.1	44.4	74.0	-29.6	Peak	Vertical
	11489.0	37.2	12.8	50.0	74.0	-24.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7896.1	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8723.6	34.6	9.0	43.6	68.2	-24.6	Peak	Horizontal
	9163.5	33.5	9.8	43.3	74.0	-30.7	Peak	Horizontal
	11569.1	43.1	12.7	55.8	74.0	-18.2	Peak	Horizontal
	11569.1	28.0	12.7	40.7	54.0	-13.3	Average	Horizontal
*	7863.4	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8752.0	36.0	9.0	45.0	68.2	-23.2	Peak	Vertical
	9136.4	34.5	9.7	44.2	74.0	-29.8	Peak	Vertical
	11574.0	40.5	12.6	53.1	74.0	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8745.2	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	9156.8	33.3	9.8	43.1	74.0	-30.9	Peak	Horizontal
	11633.5	40.4	12.4	52.8	74.0	-21.2	Peak	Horizontal
*	7863.4	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8752.4	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9123.5	34.8	9.6	44.4	74.0	-29.6	Peak	Vertical
	11659.0	41.1	12.3	53.4	74.0	-20.6	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-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7835.6	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8726.4	36.3	9.0	45.3	68.2	-22.9	Peak	Horizontal
	9168.1	33.7	9.9	43.6	74.0	-30.4	Peak	Horizontal
	11453.8	34.4	12.7	47.1	74.0	-26.9	Peak	Horizontal
*	7825.4	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8721.4	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
	9135.4	34.3	9.7	44.0	74.0	-30.0	Peak	Vertical
	10963.4	34.6	13.1	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-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8756.4	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
*	10460.5	37.4	12.1	49.5	68.2	-18.7	Peak	Horizontal
	10968.0	34.4	13.1	47.5	74.0	-26.5	Peak	Horizontal
	11456.9	35.2	12.7	47.9	74.0	-26.1	Peak	Horizontal
*	8725.4	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
*	10460.5	36.5	12.1	48.6	68.2	-19.6	Peak	Vertical
	10863.5	33.9	12.8	46.7	74.0	-27.3	Peak	Vertical
	11456.8	34.8	12.7	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-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.1	36.5	8.4	44.9	68.2	-23.3	Peak	Horizontal
*	8752.4	34.9	9.0	43.9	68.2	-24.3	Peak	Horizontal
	9166.4	33.7	9.8	43.5	74.0	-30.5	Peak	Horizontal
	11635.2	35.4	12.4	47.8	74.0	-26.2	Peak	Horizontal
*	7862.3	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8762.1	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9136.4	34.1	9.7	43.8	74.0	-30.2	Peak	Vertical
	11163.4	34.5	12.6	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:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7862.6	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8732.9	35.7	8.9	44.6	68.2	-23.6	Peak	Horizontal
	9154.6	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
	11582.5	38.6	12.6	51.2	74.0	-22.8	Peak	Horizontal
*	7863.4	35.1	8.4	43.5	68.2	-24.7	Peak	Vertical
*	8762.3	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9162.1	33.6	9.8	43.4	74.0	-30.6	Peak	Vertical
	11591.0	38.8	12.6	51.4	74.0	-22.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.4	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8723.7	36.3	9.0	45.3	68.2	-22.9	Peak	Horizontal
	9165.4	33.9	9.8	43.7	74.0	-30.3	Peak	Horizontal
	11421.0	36.7	12.6	49.3	74.0	-24.7	Peak	Horizontal
*	7865.4	35.5	8.4	43.9	68.2	-24.3	Peak	Vertical
*	8763.1	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
	9164.8	34.0	9.8	43.8	74.0	-30.2	Peak	Vertical
	11163.1	34.8	12.6	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 - Ant 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	37.6	8.7	46.3	68.2	-21.9	Peak	Horizontal
*	8650.0	36.8	8.8	45.6	68.2	-22.6	Peak	Horizontal
	9338.5	34.8	10.4	45.2	74.0	-28.8	Peak	Horizontal
	11633.5	36.3	12.4	48.7	74.0	-25.3	Peak	Horizontal
*	7987.0	35.9	8.7	44.6	68.2	-23.6	Peak	Vertical
*	8709.5	36.2	9.0	45.2	68.2	-23.0	Peak	Vertical
	9483.0	35.6	10.6	46.2	74.0	-27.8	Peak	Vertical
	11659.0	36.5	12.3	48.8	74.0	-25.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	36.1	9.0	45.1	68.2	-23.1	Peak	Horizontal
*	10358.5	40.1	12.2	52.3	68.2	-15.9	Peak	Horizontal
	11013.0	36.2	13.0	49.2	74.0	-24.8	Peak	Horizontal
	11635.3	35.7	12.4	48.1	74.0	-25.9	Peak	Horizontal
*	8607.5	36.9	8.8	45.7	68.2	-22.5	Peak	Vertical
*	10350.0	37.0	12.2	49.2	68.2	-19.0	Peak	Vertical
	11514.5	36.5	12.8	49.3	74.0	-24.7	Peak	Vertical
	11853.2	34.2	11.9	46.1	74.0	-27.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	37.5	8.8	46.3	68.2	-21.9	Peak	Horizontal
*	10443.5	39.2	12.0	51.2	68.2	-17.0	Peak	Horizontal
	10893.5	33.9	13.0	46.9	74.0	-27.1	Peak	Horizontal
	11557.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
*	8709.5	36.6	9.0	45.6	68.2	-22.6	Peak	Vertical
*	10443.5	38.8	12.0	50.8	68.2	-17.4	Peak	Vertical
	10896.5	34.1	13.0	47.1	74.0	-26.9	Peak	Vertical
	11633.5	36.0	12.4	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 - Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	36.4	9.1	45.5	68.2	-22.7	Peak	Horizontal
*	10486.0	38.6	12.3	50.9	68.2	-17.3	Peak	Horizontal
	10853.6	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
	11642.0	36.3	12.4	48.7	74.0	-25.3	Peak	Horizontal
*	8650.0	37.0	8.8	45.8	68.2	-22.4	Peak	Vertical
*	10486.0	40.6	12.3	52.9	68.2	-15.3	Peak	Vertical
	10986.3	34.3	13.0	47.3	74.0	-26.7	Peak	Vertical
	11659.0	35.7	12.3	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:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7856.4	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8756.4	35.1	9.0	44.1	68.2	-24.1	Peak	Horizontal
	9152.3	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
	11488.5	44.7	12.8	57.5	74.0	-16.5	Peak	Horizontal
	11488.5	32.2	12.8	45.0	54.0	-9.0	Average	Horizontal
*	7863.4	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8763.5	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9152.4	34.3	9.8	44.1	74.0	-29.9	Peak	Vertical
	11488.6	44.8	12.8	57.6	74.0	-16.4	Peak	Vertical
	11488.6	33.5	12.8	46.3	54.0	-7.7	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7824.1	36.1	8.4	44.5	68.2	-23.7	Peak	Horizontal
*	8725.6	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
	9165.8	34.3	9.8	44.1	74.0	-29.9	Peak	Horizontal
	11568.3	45.9	12.7	58.6	74.0	-15.4	Peak	Horizontal
	11568.3	33.9	12.7	46.6	54.0	-7.4	Average	Horizontal
*	7869.4	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8796.5	36.1	8.9	45.0	68.2	-23.2	Peak	Vertical
	9168.4	33.7	9.9	43.6	74.0	-30.4	Peak	Vertical
	11568.4	45.8	12.7	58.5	74.0	-15.5	Peak	Vertical
	11568.4	33.5	12.7	46.2	54.0	-7.8	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.3	8.4	43.7	68.2	-24.5	Peak	Horizontal
*	8769.4	35.4	8.9	44.3	68.2	-23.9	Peak	Horizontal
	9123.4	34.8	9.6	44.4	74.0	-29.6	Peak	Horizontal
	11648.1	45.1	12.3	57.4	74.0	-16.6	Peak	Horizontal
	11648.1	32.8	12.3	45.1	54.0	-8.9	Average	Horizontal
*	7869.4	35.5	8.4	43.9	68.2	-24.3	Peak	Vertical
*	8725.9	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9158.4	34.3	9.8	44.1	74.0	-29.9	Peak	Vertical
	11648.1	46.2	12.3	58.5	74.0	-15.5	Peak	Vertical
	11648.1	32.2	12.3	44.5	54.0	-9.5	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7852.4	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8769.4	35.9	8.9	44.8	68.2	-23.4	Peak	Horizontal
	9165.8	34.7	9.8	44.5	74.0	-29.5	Peak	Horizontal
	11200.0	34.3	12.5	46.8	74.0	-27.2	Peak	Horizontal
*	8796.5	35.6	8.9	44.5	68.2	-23.7	Peak	Vertical
*	10358.5	37.0	12.2	49.2	68.2	-19.0	Peak	Vertical
	11185.3	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical
	11496.3	34.6	12.8	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:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8763.5	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
*	10443.5	38.3	12.0	50.3	68.2	-17.9	Peak	Horizontal
	10867.3	34.2	12.8	47.0	74.0	-27.0	Peak	Horizontal
	11698.6	34.7	12.0	46.7	74.0	-27.3	Peak	Horizontal
*	8769.4	35.5	8.9	44.4	68.2	-23.8	Peak	Vertical
*	10443.5	39.6	12.0	51.6	68.2	-16.6	Peak	Vertical
	10695.2	34.7	12.4	47.1	74.0	-26.9	Peak	Vertical
	11183.6	34.5	12.6	47.1	74.0	-26.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8765.4	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
*	10477.5	39.0	12.2	51.2	68.2	-17.0	Peak	Horizontal
	11069.4	34.3	12.9	47.2	74.0	-26.8	Peak	Horizontal
	11863.4	35.6	11.8	47.4	74.0	-26.6	Peak	Horizontal
*	8769.5	36.6	8.9	45.5	68.2	-22.7	Peak	Vertical
*	10486.0	40.4	12.3	52.7	68.2	-15.5	Peak	Vertical
	11200.0	34.2	12.5	46.7	74.0	-27.3	Peak	Vertical
	11987.4	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.4	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8752.6	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
	9163.8	34.3	9.8	44.1	74.0	-29.9	Peak	Horizontal
	11489.0	41.1	12.8	53.9	74.0	-20.1	Peak	Horizontal
*	7863.4	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8752.3	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9158.2	34.3	9.8	44.1	74.0	-29.9	Peak	Vertical
	11489.2	42.5	12.8	55.3	74.0	-18.7	Peak	Vertical
	11489.2	29.2	12.8	42.0	54.0	-12.0	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.4	36.1	8.4	44.5	68.2	-23.7	Peak	Horizontal
*	8723.4	35.0	9.0	44.0	68.2	-24.2	Peak	Horizontal
	9162.3	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
	11569.1	44.7	12.7	57.4	74.0	-16.6	Peak	Horizontal
	11569.1	30.9	12.7	43.6	54.0	-10.4	Average	Horizontal
*	7852.4	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
*	8793.6	35.4	8.9	44.3	68.2	-23.9	Peak	Vertical
	9123.6	34.6	9.6	44.2	74.0	-29.8	Peak	Vertical
	11568.7	44.5	12.7	57.2	74.0	-16.8	Peak	Vertical
	11568.7	31.3	12.7	44.0	54.0	-10.0	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.4	35.4	8.4	43.8	68.2	-24.4	Peak	Horizontal
*	8523.9	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
	9136.4	34.2	9.7	43.9	74.0	-30.1	Peak	Horizontal
	11649.3	43.5	12.3	55.8	74.0	-18.2	Peak	Horizontal
	11649.3	30.4	12.3	42.7	54.0	-11.3	Average	Horizontal
*	7852.3	35.8	8.4	44.2	68.2	-24.0	Peak	Vertical
*	8769.4	35.4	8.9	44.3	68.2	-23.9	Peak	Vertical
	9126.4	34.6	9.7	44.3	74.0	-29.7	Peak	Vertical
	11649.4	42.0	12.3	54.3	74.0	-19.7	Peak	Vertical
	11649.4	29.1	12.3	41.4	54.0	-12.6	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	36.0	8.4	44.4	68.2	-23.8	Peak	Horizontal
*	8726.9	36.1	9.0	45.1	68.2	-23.1	Peak	Horizontal
	9136.5	34.9	9.7	44.6	74.0	-29.4	Peak	Horizontal
	11163.5	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
*	7862.1	35.1	8.4	43.5	68.2	-24.7	Peak	Vertical
*	8762.3	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9136.5	35.2	9.7	44.9	74.0	-29.1	Peak	Vertical
	11532.2	34.2	12.7	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:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8736.1	35.6	8.9	44.5	68.2	-23.7	Peak	Horizontal
*	10452.0	38.1	12.0	50.1	68.2	-18.1	Peak	Horizontal
	10823.6	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
	11569.2	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
*	8769.4	36.1	8.9	45.0	68.2	-23.2	Peak	Vertical
*	10460.5	37.8	12.1	49.9	68.2	-18.3	Peak	Vertical
	10896.3	33.5	13.0	46.5	74.0	-27.5	Peak	Vertical
	11690.3	34.6	12.1	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-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.6	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8723.4	35.5	9.0	44.5	68.2	-23.7	Peak	Horizontal
	9185.4	34.1	10.0	44.1	74.0	-29.9	Peak	Horizontal
	11506.0	37.0	12.8	49.8	74.0	-24.2	Peak	Horizontal
*	7862.4	35.4	8.4	43.8	68.2	-24.4	Peak	Vertical
*	8763.9	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9156.4	33.8	9.8	43.6	74.0	-30.4	Peak	Vertical
	11506.0	37.0	12.8	49.8	74.0	-24.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.5	8.4	43.9	68.2	-24.3	Peak	Horizontal
*	8751.4	35.4	9.0	44.4	68.2	-23.8	Peak	Horizontal
	9156.8	34.0	9.8	43.8	74.0	-30.2	Peak	Horizontal
	11588.9	42.2	12.6	54.8	74.0	-19.2	Peak	Horizontal
	11588.9	27.0	12.6	39.6	54.0	-14.4	Average	Horizontal
*	7863.4	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8792.5	36.0	8.9	44.9	68.2	-23.3	Peak	Vertical
	9185.4	34.7	10.0	44.7	74.0	-29.3	Peak	Vertical
	11588.9	42.9	12.6	55.5	74.0	-18.5	Peak	Vertical
	11588.9	27.6	12.6	40.2	54.0	-13.8	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7896.4	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8756.1	35.3	9.0	44.3	68.2	-23.9	Peak	Horizontal
	9156.8	33.7	9.8	43.5	74.0	-30.5	Peak	Horizontal
	11238.6	34.9	12.4	47.3	74.0	-26.7	Peak	Horizontal
*	8763.5	35.4	9.0	44.4	68.2	-23.8	Peak	Vertical
*	10367.0	36.9	12.2	49.1	68.2	-19.1	Peak	Vertical
	11045.0	34.2	12.9	47.1	74.0	-26.9	Peak	Vertical
	11564.3	34.6	12.7	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:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8763.4	35.8	9.0	44.8	68.2	-23.4	Peak	Horizontal
*	10443.5	38.2	12.0	50.2	68.2	-18.0	Peak	Horizontal
	11036.5	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
	11863.2	34.0	11.8	45.8	74.0	-28.2	Peak	Horizontal
*	8745.3	35.5	9.0	44.5	68.2	-23.7	Peak	Vertical
*	10452.0	39.7	12.0	51.7	68.2	-16.5	Peak	Vertical
	10956.3	33.6	13.1	46.7	74.0	-27.3	Peak	Vertical
	11865.4	33.7	11.8	45.5	74.0	-28.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8796.4	35.4	8.9	44.3	68.2	-23.9	Peak	Horizontal
*	10469.0	38.5	12.1	50.6	68.2	-17.6	Peak	Horizontal
	10763.1	33.9	12.5	46.4	74.0	-27.6	Peak	Horizontal
	11869.3	33.8	11.8	45.6	74.0	-28.4	Peak	Horizontal
*	8745.2	35.1	9.0	44.1	68.2	-24.1	Peak	Vertical
*	10477.5	39.5	12.2	51.7	68.2	-16.5	Peak	Vertical
	10689.0	34.5	12.4	46.9	74.0	-27.1	Peak	Vertical
	11763.5	34.8	11.9	46.7	74.0	-27.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.6	8.4	44.0	68.2	-24.2	Peak	Horizontal
*	8762.0	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	9136.4	34.1	9.7	43.8	74.0	-30.2	Peak	Horizontal
	11489.0	40.1	12.8	52.9	74.0	-21.1	Peak	Horizontal
*	7863.4	35.6	8.4	44.0	68.2	-24.2	Peak	Vertical
*	8763.5	36.3	9.0	45.3	68.2	-22.9	Peak	Vertical
	9136.4	33.9	9.7	43.6	74.0	-30.4	Peak	Vertical
	11489.0	41.1	12.8	53.9	74.0	-20.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8735.1	35.3	8.9	44.2	68.2	-24.0	Peak	Horizontal
	9136.5	34.0	9.7	43.7	74.0	-30.3	Peak	Horizontal
	11568.8	44.7	12.7	57.4	74.0	-16.6	Peak	Horizontal
	11568.8	31.5	12.7	44.2	54.0	-9.8	Average	Horizontal
*	7836.1	34.8	8.4	43.2	68.2	-25.0	Peak	Vertical
*	8736.9	35.1	9.0	44.1	68.2	-24.1	Peak	Vertical
	9165.1	34.3	9.8	44.1	74.0	-29.9	Peak	Vertical
	11573.3	43.9	12.6	56.5	74.0	-17.5	Peak	Vertical
	11573.3	31.3	12.6	43.9	54.0	-10.1	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8712.6	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	9154.6	33.7	9.8	43.5	74.0	-30.5	Peak	Horizontal
	11650.0	42.1	12.3	54.4	74.0	-19.6	Peak	Horizontal
	11650.0	29.6	12.3	41.9	54.0	-12.1	Average	Horizontal
*	7832.6	35.3	8.4	43.7	68.2	-24.5	Peak	Vertical
*	8724.3	34.7	9.0	43.7	68.2	-24.5	Peak	Vertical
	9168.5	33.9	9.9	43.8	74.0	-30.2	Peak	Vertical
	11650.5	41.5	12.3	53.8	74.0	-20.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8796.4	35.1	8.9	44.0	68.2	-24.2	Peak	Horizontal
	9136.5	34.0	9.7	43.7	74.0	-30.3	Peak	Horizontal
	11425.3	35.0	12.6	47.6	74.0	-26.4	Peak	Horizontal
*	8796.5	34.9	8.9	43.8	68.2	-24.4	Peak	Vertical
*	10375.5	36.0	12.2	48.2	68.2	-20.0	Peak	Vertical
	10835.5	33.6	12.7	46.3	74.0	-27.7	Peak	Vertical
	11763.5	34.4	11.9	46.3	74.0	-27.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	35.2	8.4	43.6	68.2	-24.6	Peak	Horizontal
*	8763.5	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	9163.5	33.9	9.8	43.7	74.0	-30.3	Peak	Horizontal
	11086.3	33.7	12.8	46.5	74.0	-27.5	Peak	Horizontal
*	8763.5	34.6	9.0	43.6	68.2	-24.6	Peak	Vertical
*	10460.5	36.9	12.1	49.0	68.2	-19.2	Peak	Vertical
	10763.5	34.1	12.5	46.6	74.0	-27.4	Peak	Vertical
	11863.7	33.6	11.8	45.4	74.0	-28.6	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-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7865.4	35.1	8.4	43.5	68.2	-24.7	Peak	Horizontal
*	8634.5	34.8	8.8	43.6	68.2	-24.6	Peak	Horizontal
	9136.4	34.9	9.7	44.6	74.0	-29.4	Peak	Horizontal
	11497.5	36.7	12.8	49.5	74.0	-24.5	Peak	Horizontal
*	7836.4	34.5	8.4	42.9	68.2	-25.3	Peak	Vertical
*	8763.4	35.2	9.0	44.2	68.2	-24.0	Peak	Vertical
	9158.6	33.5	9.8	43.3	74.0	-30.7	Peak	Vertical
	11506.0	36.7	12.8	49.5	74.0	-24.5	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-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7856.4	34.9	8.4	43.3	68.2	-24.9	Peak	Horizontal
*	8752.4	35.2	9.0	44.2	68.2	-24.0	Peak	Horizontal
	9136.8	33.8	9.7	43.5	74.0	-30.5	Peak	Horizontal
	11590.5	43.1	12.6	55.7	74.0	-18.3	Peak	Horizontal
	11590.5	30.2	12.6	42.8	54.0	-11.2	Average	Horizontal
*	7836.4	35.7	8.4	44.1	68.2	-24.1	Peak	Vertical
*	8725.5	35.0	9.0	44.0	68.2	-24.2	Peak	Vertical
	9125.6	34.2	9.7	43.9	74.0	-30.1	Peak	Vertical
	11590.5	41.9	12.6	54.5	74.0	-19.5	Peak	Vertical
	11590.5	29.6	12.6	42.2	54.0	-11.8	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7863.5	34.6	8.4	43.0	68.2	-25.2	Peak	Horizontal
*	8723.9	34.4	9.0	43.4	68.2	-24.8	Peak	Horizontal
	9168.9	33.5	9.9	43.4	74.0	-30.6	Peak	Horizontal
	11069.3	33.7	12.9	46.6	74.0	-27.4	Peak	Horizontal
*	7863.5	35.0	8.4	43.4	68.2	-24.8	Peak	Vertical
*	8726.3	35.3	9.0	44.3	68.2	-23.9	Peak	Vertical
	9156.2	34.5	9.8	44.3	74.0	-29.7	Peak	Vertical
	11485.3	35.2	12.7	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 - Ant 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Milo Li
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7836.4	35.0	8.4	43.4	68.2	-24.8	Peak	Horizontal
*	8796.4	35.2	8.9	44.1	68.2	-24.1	Peak	Horizontal
	9156.4	33.7	9.8	43.5	74.0	-30.5	Peak	Horizontal
	11456.9	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
*	7245.2	35.8	7.9	43.7	68.2	-24.5	Peak	Vertical
*	8699.1	36.2	9.0	45.2	68.2	-23.0	Peak	Vertical
	10756.3	33.3	12.5	45.8	74.0	-28.2	Peak	Vertical
	11532.0	33.8	12.7	46.5	74.0	-27.5	Peak	Vertical

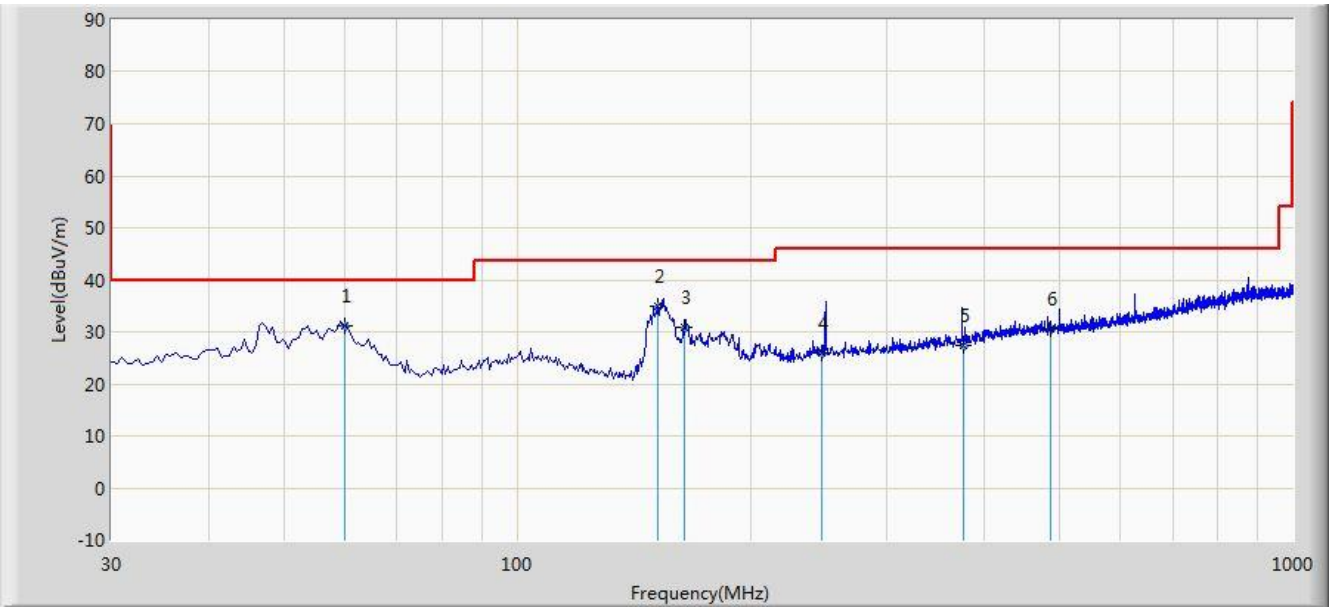
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC 1	Time: 2015/06/11 - 10:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 1 + 2	

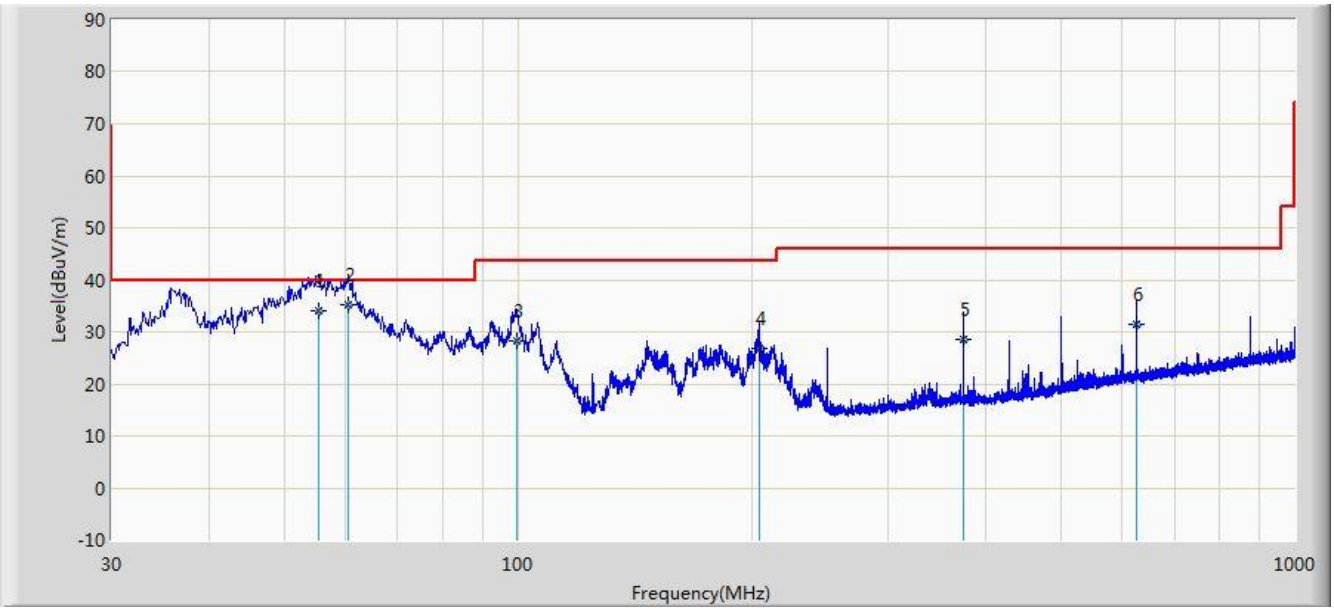


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			60.070	31.051	17.208	-8.949	40.000	13.843	QP
2		*	151.735	34.988	25.483	-8.512	43.500	9.505	QP
3			164.345	30.974	21.000	-12.526	43.500	9.974	QP
4			246.795	25.951	12.398	-20.049	46.000	13.553	QP
5			376.775	27.502	11.323	-18.498	46.000	16.179	QP
6			488.325	30.480	12.442	-15.520	46.000	18.038	QP

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

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

Site: AC 1	Time: 2015/06/11 - 11:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT40 at channel 5230MHz Ant 1 + 2	

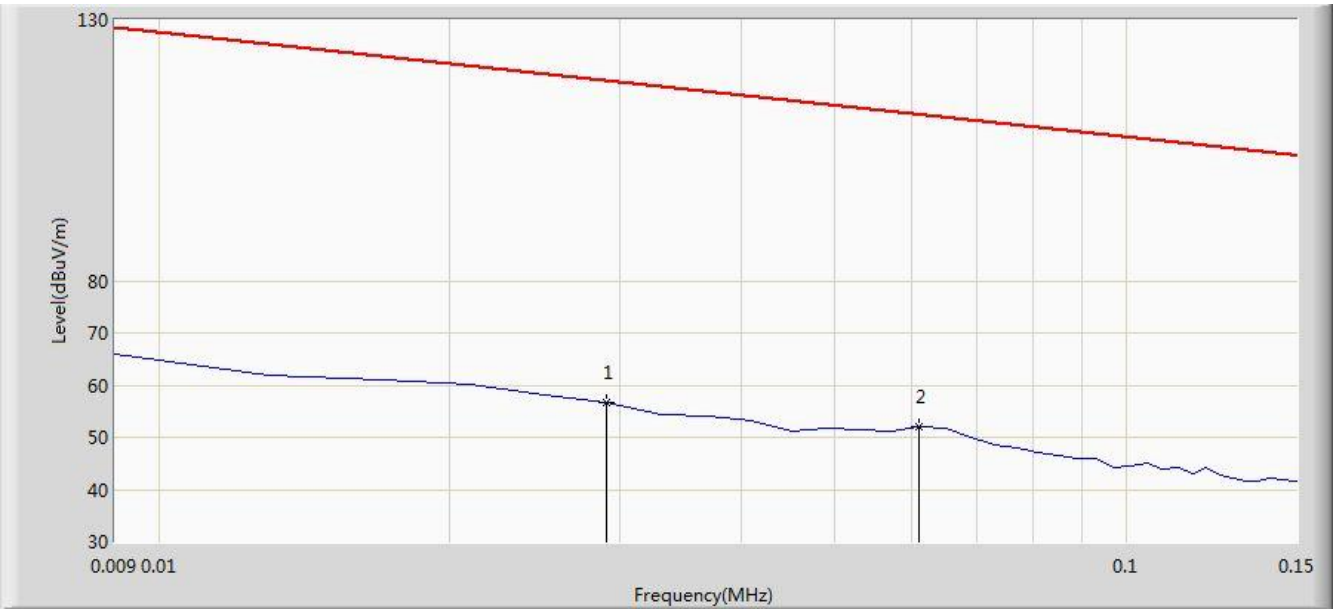


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			55.421	34.197	19.600	-5.803	40.000	14.596	QP
2		*	60.514	35.246	21.475	-4.754	40.000	13.770	QP
3			99.847	28.404	15.475	-15.096	43.500	12.929	QP
4			204.247	26.672	14.368	-16.828	43.500	12.304	QP
5			374.957	28.569	12.417	-17.431	46.000	16.151	QP
6			624.986	31.535	11.274	-14.465	46.000	20.261	QP

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

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

Site: AC1	Time: 2015/07/07 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

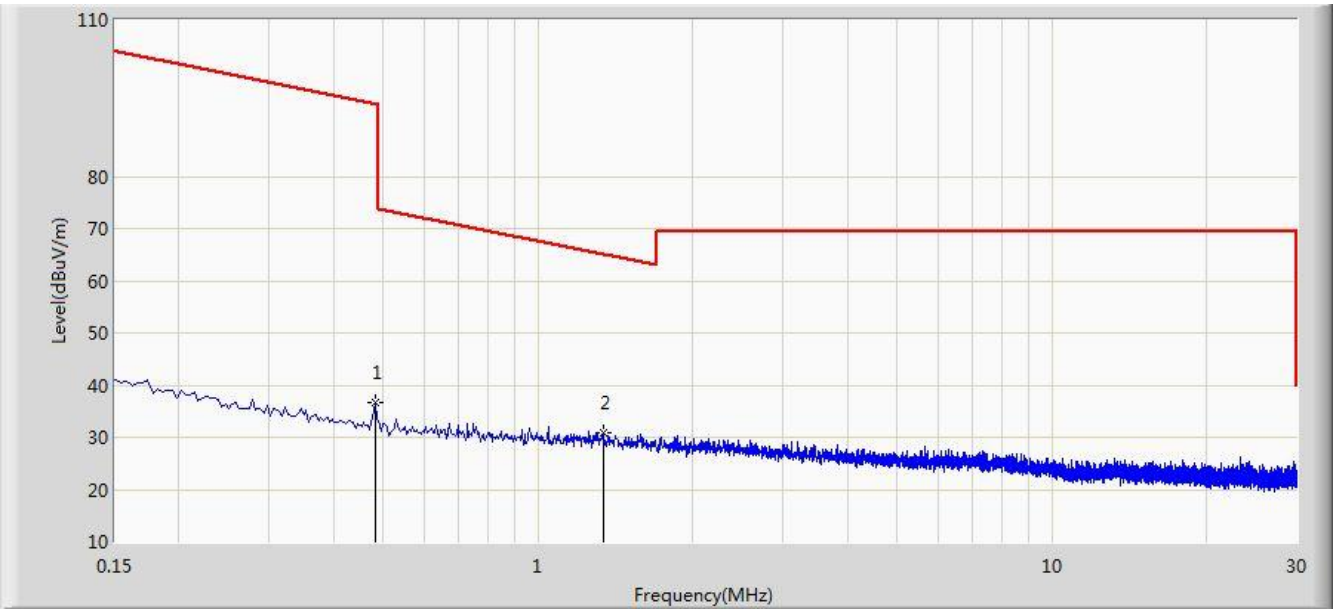


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

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

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

Site: AC1	Time: 2015/07/07 - 19:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

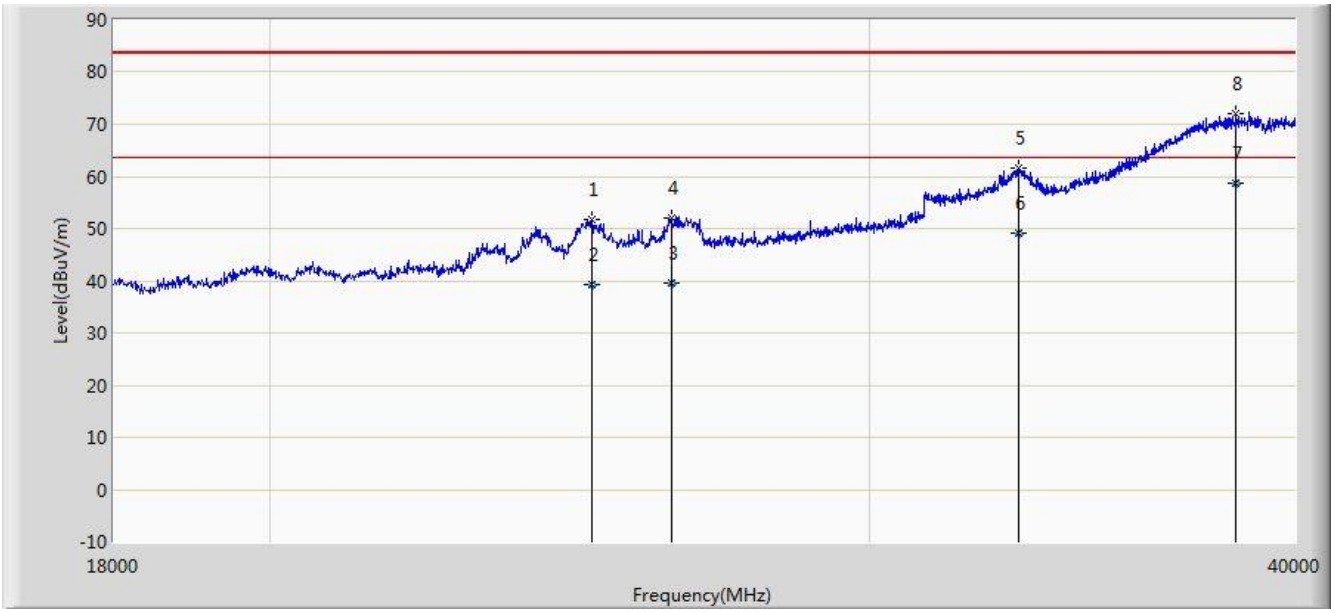


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

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

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

Site: AC1	Time: 2015/07/07 - 21:25
Limit: FCC_Part15.209_RE(1m)	Engineer: Milo Li
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

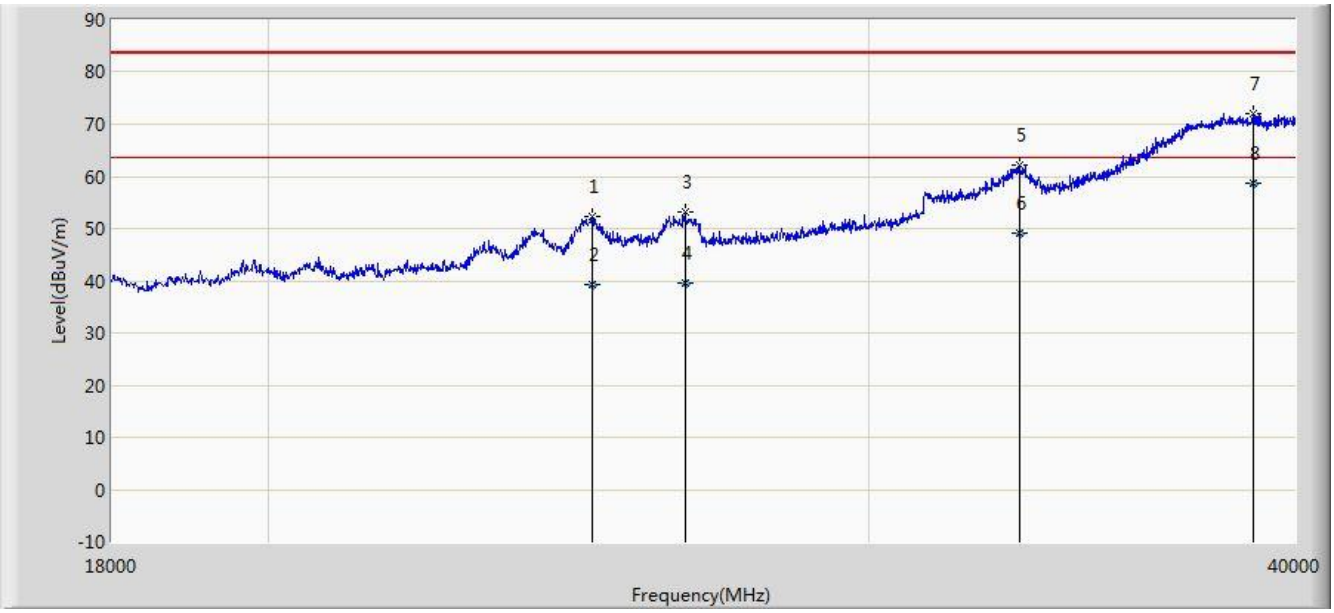


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956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

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

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

Site: AC1	Time: 2015/07/07 - 21:28
Limit: FCC_Part15.209_RE(1m)	Engineer: Milo Li
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	



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

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

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

7.10. Radiated Restricted Band Edge Measurement

7.10.1. Test Limit

For 15.205 requirement:

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

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 RSS-Gen Section 8.10 Requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.009 - 0.110	240 - 285	9.0 - 9.2
2.1735 - 2.1905	322 - 335.4	9.3 - 9.5
3.020 - 3.026	399.9 - 410	10.6 - 12.7
4.125 - 4.128	608 - 614	13.25 - 13.4
4.17725 - 4.17775	960 - 1427	14.47 - 14.5
4.20725 - 4.20775	1435 - 1626.5	15.35 - 16.2
5.677 - 5.683	1645.5 - 1646.5	17.7 - 21.4
6.215 - 6.218	1660 - 1710	22.01 - 23.12
6.26775 - 6.26825	1718.8 -1722.2	23.6 - 24.0
6.31175 - 6.31225	2200 - 2300	31.2 - 31.8
8.291 - 8.294	2310 -2390	36.43 - 36.5
8.362 - 8.366	2655 - 2900	Above 38.6
8.37625 - 8.38675	3260 - 3267	--
8.41425 - 8.41475	3332 -3339	
12.29 - 12.293	334.5 - 3358	
12.51975 - 12.52025	3500 - 4400	
12.57675 - 12.57725	4500 - 5150	
13.36 -13.41	5350 - 5460	
16.42 - 16.423	7250 - 7750	
16.69475 - 16.69525	8025 - 8500	
16.80425 - 16.80475	--	
25.5 - 25.67		
37.5 - 38.25		
73 - 74.6		
74.8 - 75.2		
108 - 138		
156.52475 - 156.525225		
156.7 - 156.9		

Note: *Certain frequency bands listed in Table 6 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to the

devices are set out in the 200- and 300-series of RSSs, such as RSS-210 and RSS-310, which contain the requirements that apply to licence-exempt radio apparatus.

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 5.25-5.35 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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

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

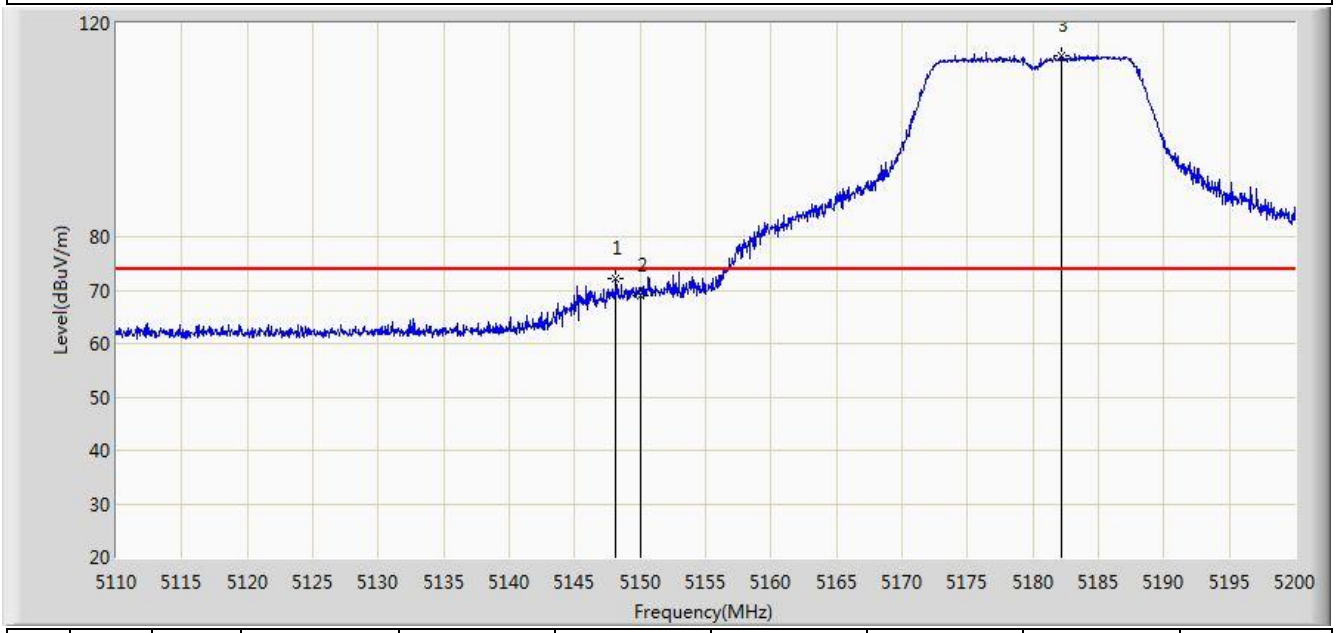
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

Above 960	500	3

7.10.2. Test Result of Radiated Restricted Band Edge

Site: AC 1	Time: 2015/07/31 - 10:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

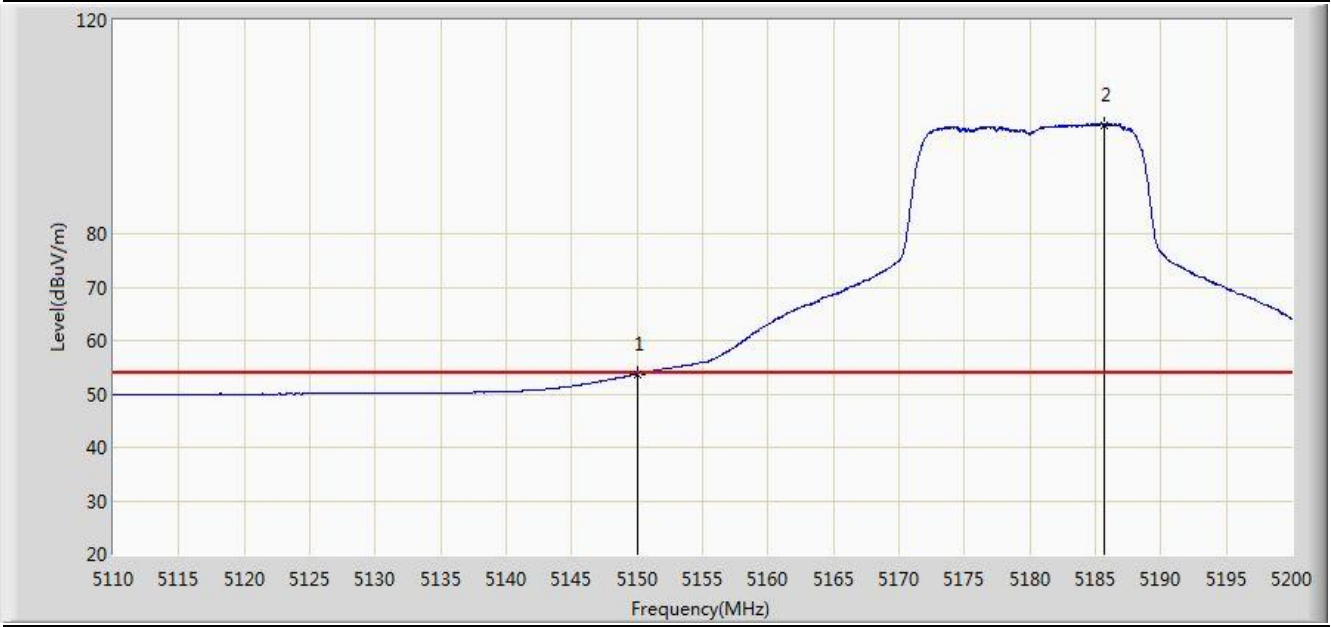


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.160	72.127	34.672	-1.873	74.000	37.455	PK
2			5150.000	68.932	31.480	-5.068	74.000	37.452	PK
3		*	5182.135	114.041	76.672	N/A	N/A	37.369	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

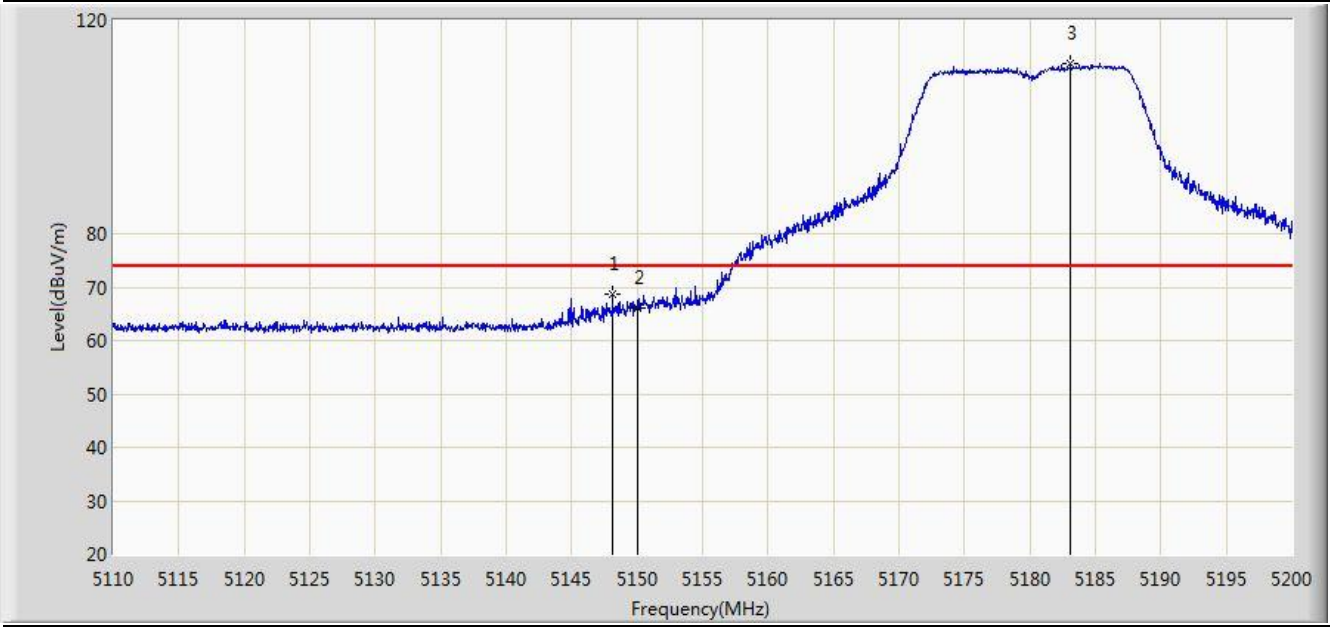


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.735	16.283	-0.265	54.000	37.452	AV
2		*	5185.690	100.416	63.056	N/A	N/A	37.359	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

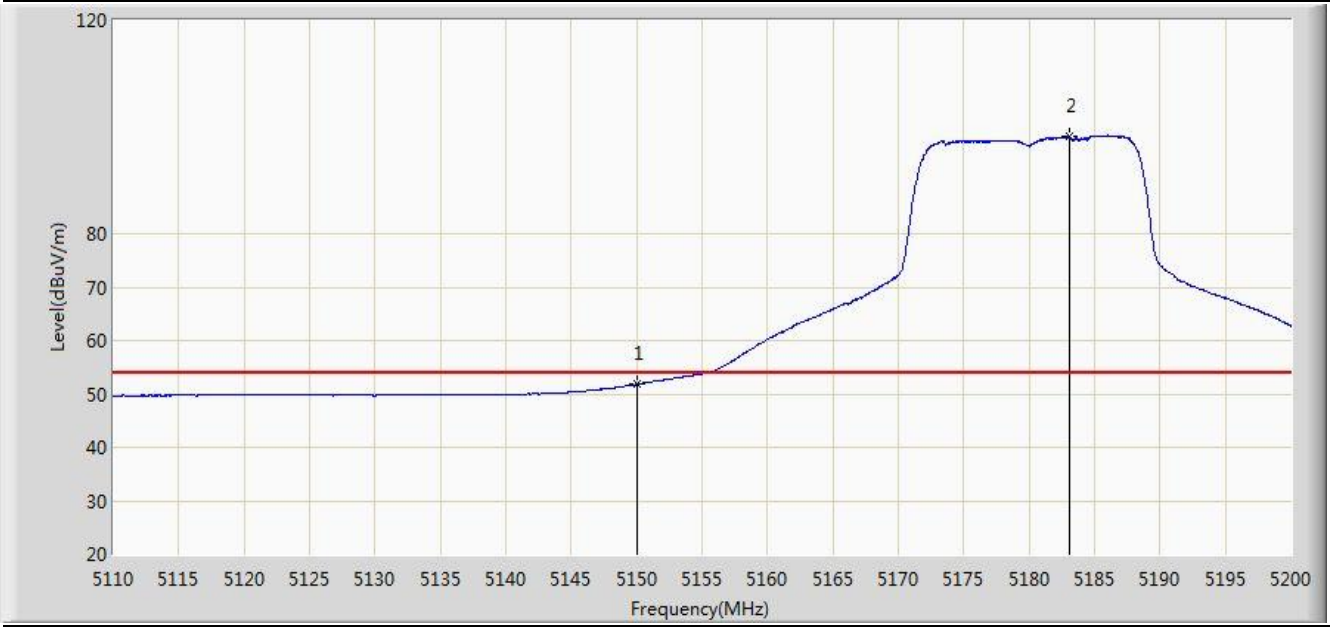


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.115	68.785	31.330	-5.215	74.000	37.455	PK
2			5150.000	65.987	28.535	-8.013	74.000	37.452	PK
3		*	5183.080	112.023	74.657	N/A	N/A	37.366	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

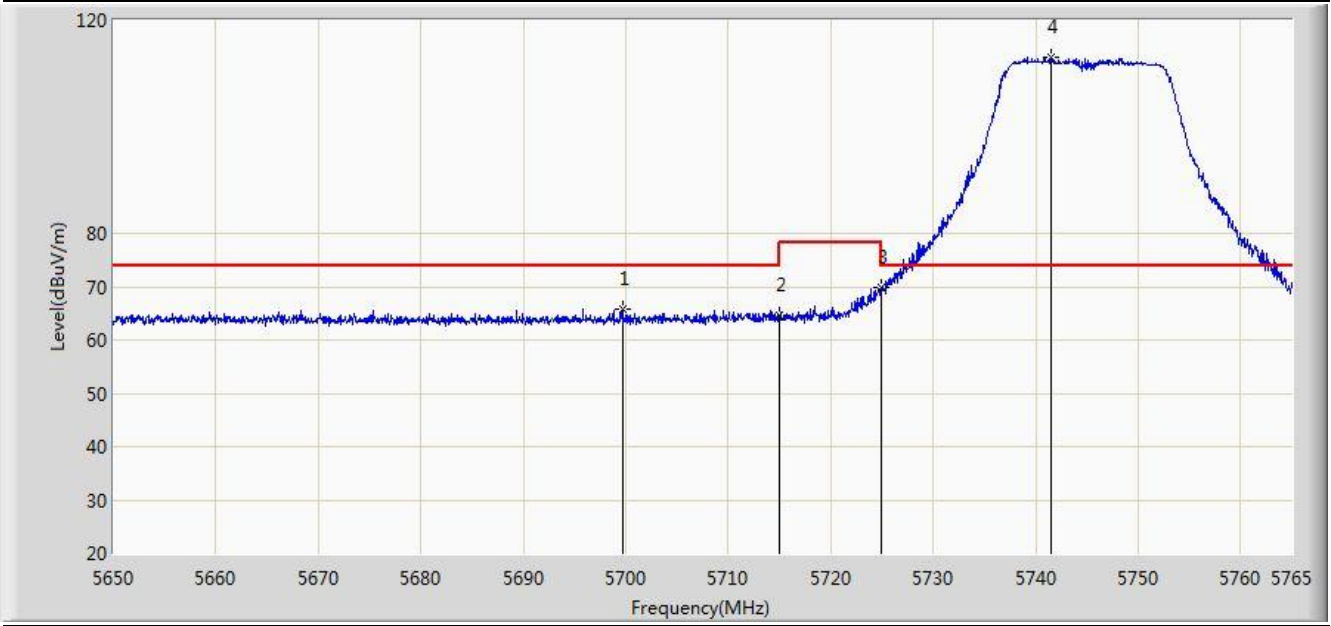


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.828	14.376	-2.172	54.000	37.452	AV
2		*	5183.080	98.120	60.754	N/A	N/A	37.366	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

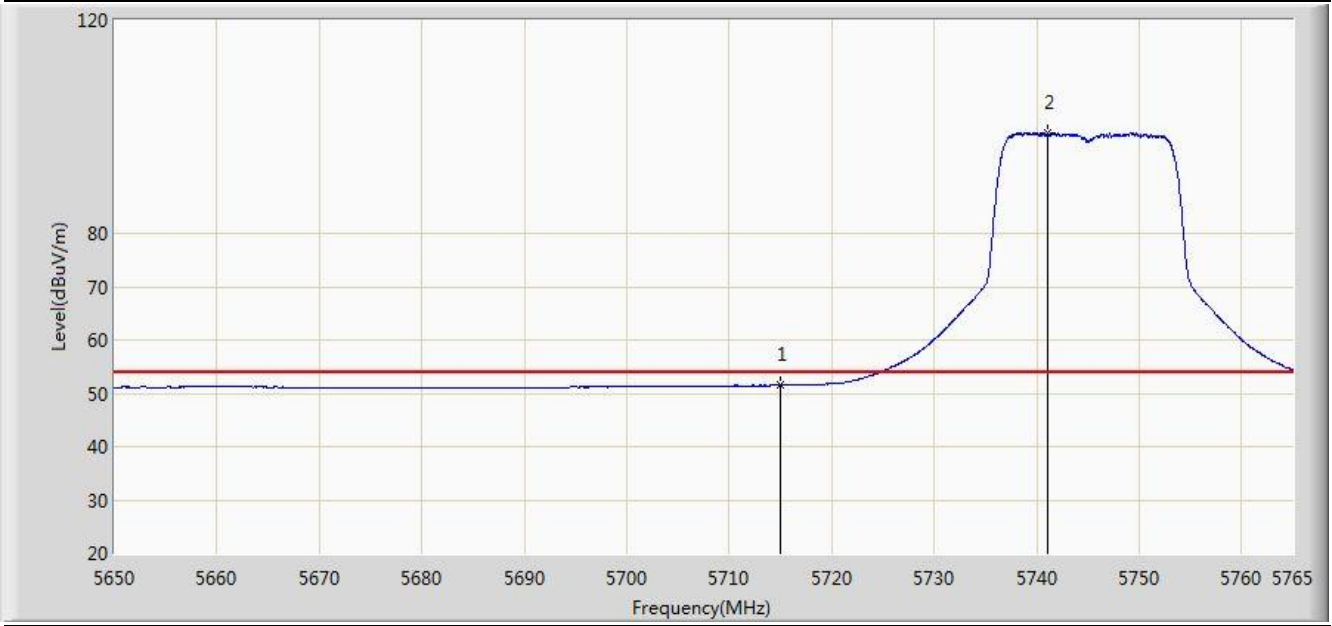


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5699.680	65.684	27.793	-8.316	74.000	37.892	PK
2			5715.000	64.667	26.718	-9.333	74.000	37.949	PK
3			5725.000	69.729	31.739	-8.471	78.200	37.990	PK
4		*	5741.540	113.076	75.019	N/A	N/A	38.057	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

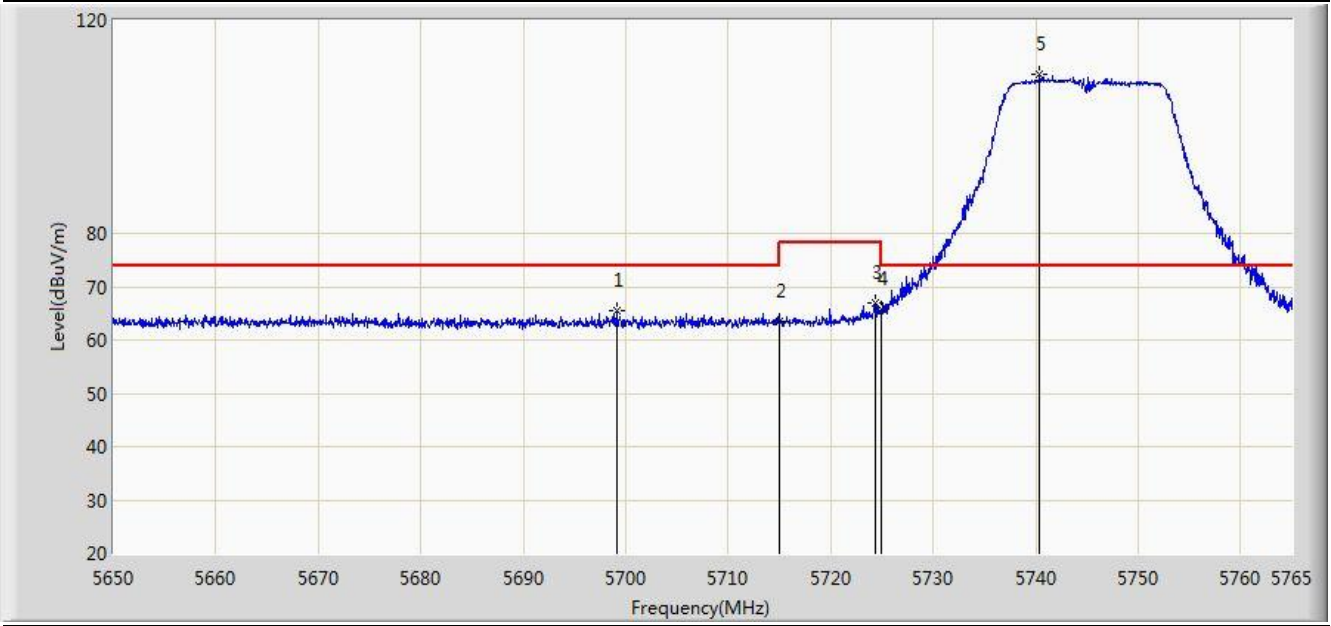


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.457	13.508	-2.543	54.000	37.949	AV
2		*	5741.080	98.771	60.716	N/A	N/A	38.055	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

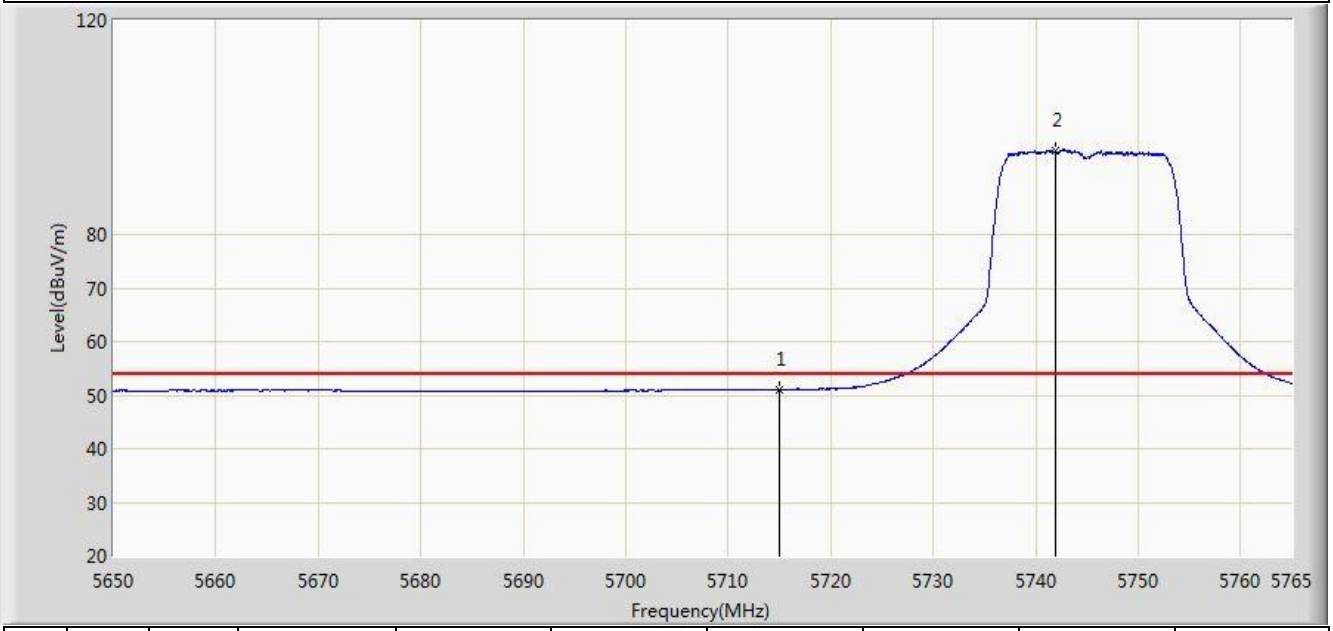


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5699.163	65.370	27.480	-8.630	74.000	37.890	PK
2			5715.000	63.610	25.661	-10.390	74.000	37.949	PK
3			5724.290	67.004	29.017	-11.196	78.200	37.987	PK
4			5725.000	65.732	27.742	-12.468	78.200	37.990	PK
5		*	5740.390	109.917	71.865	N/A	N/A	38.052	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

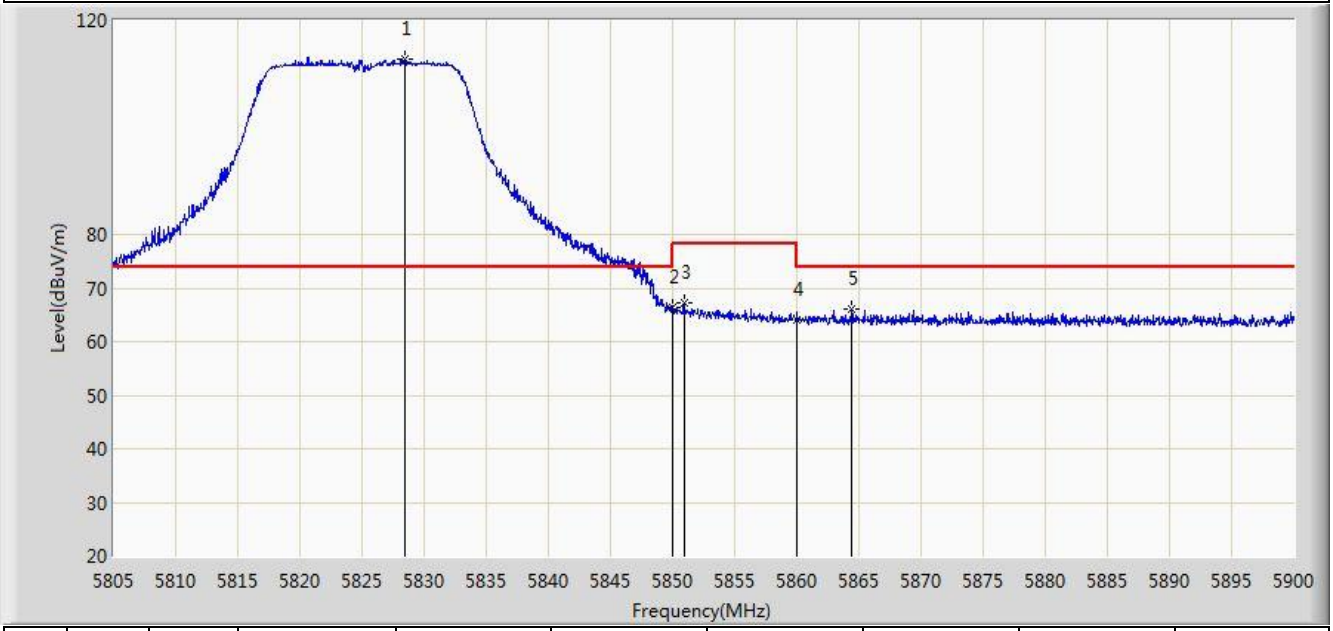


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.054	13.105	-2.946	54.000	37.949	AV
2		*	5742.000	95.667	57.609	N/A	N/A	38.059	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

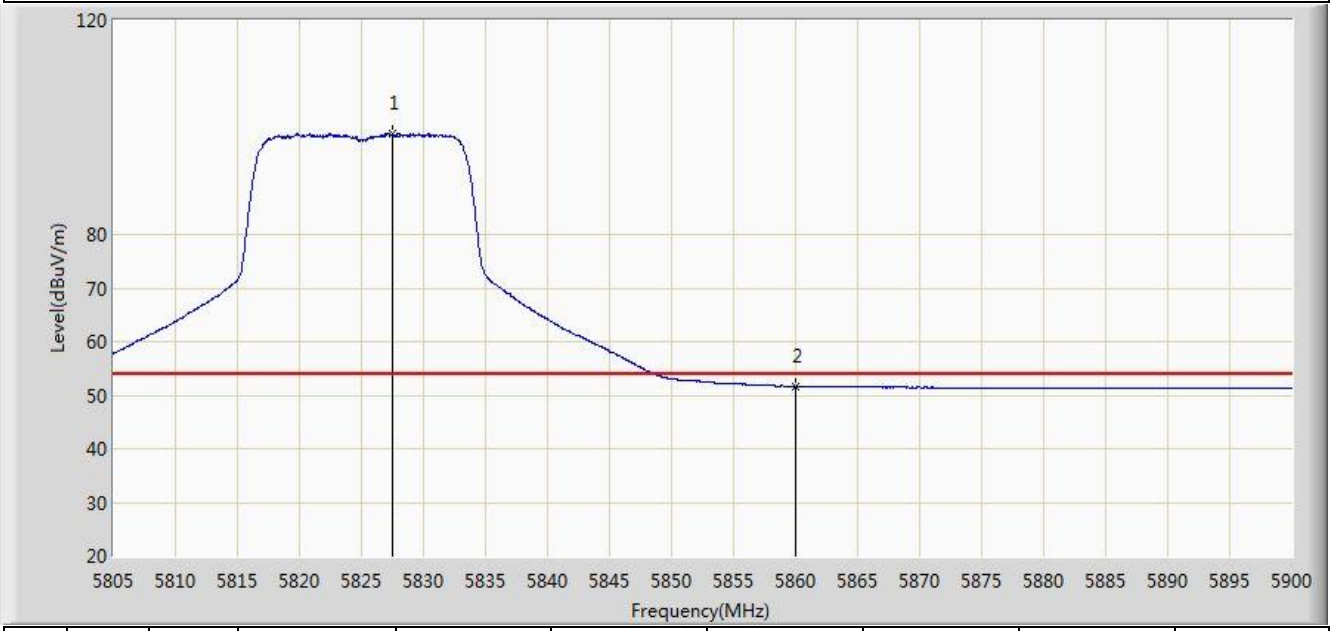


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.417	112.714	74.344	N/A	N/A	38.369	PK
2			5850.000	66.483	28.030	-11.717	78.200	38.454	PK
3			5850.933	67.370	28.915	-10.830	78.200	38.455	PK
4			5860.000	64.192	25.714	-9.808	74.000	38.478	PK
5			5864.422	66.200	27.715	-7.800	74.000	38.485	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

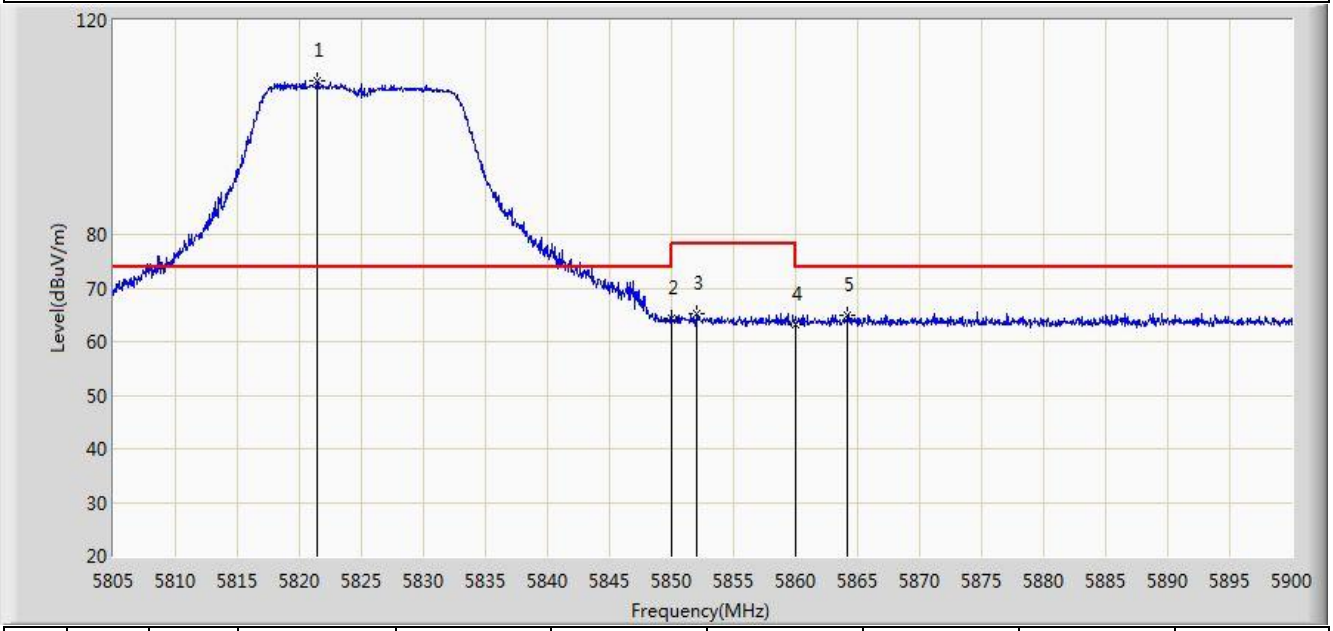


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.515	98.731	60.365	N/A	N/A	38.366	AV
2			5860.000	51.628	13.150	-2.372	54.000	38.478	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

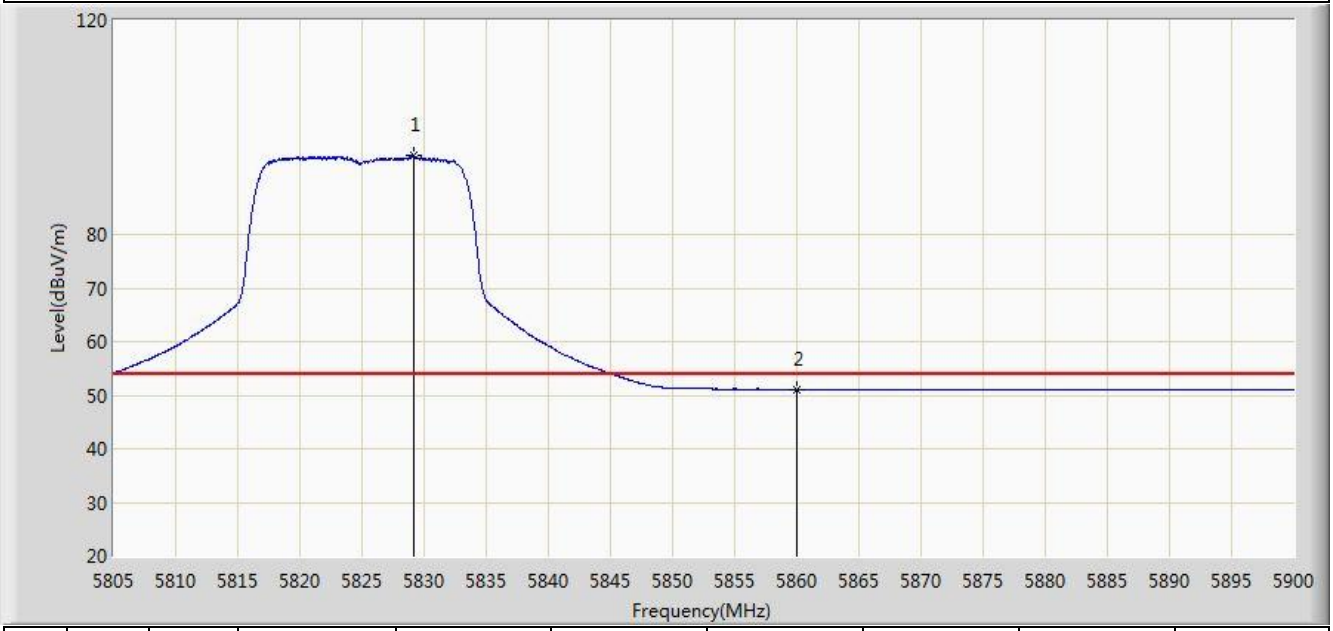


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.482	108.665	70.324	N/A	N/A	38.341	PK
2			5850.000	64.442	25.989	-13.758	78.200	38.454	PK
3			5852.072	65.220	26.762	-12.980	78.200	38.458	PK
4			5860.000	63.273	24.795	-10.727	74.000	38.478	PK
5			5864.185	64.981	26.496	-9.019	74.000	38.485	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

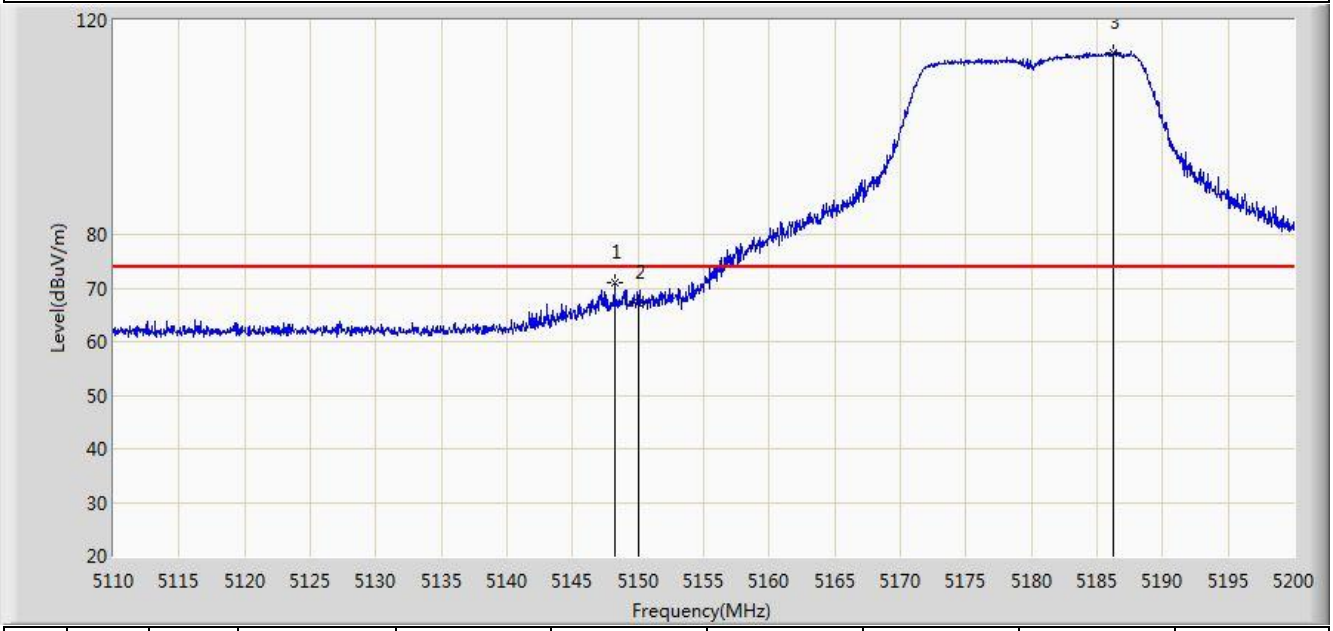


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.178	94.717	56.344	N/A	N/A	38.373	AV
2			5860.000	51.085	12.607	-2.915	54.000	38.478	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

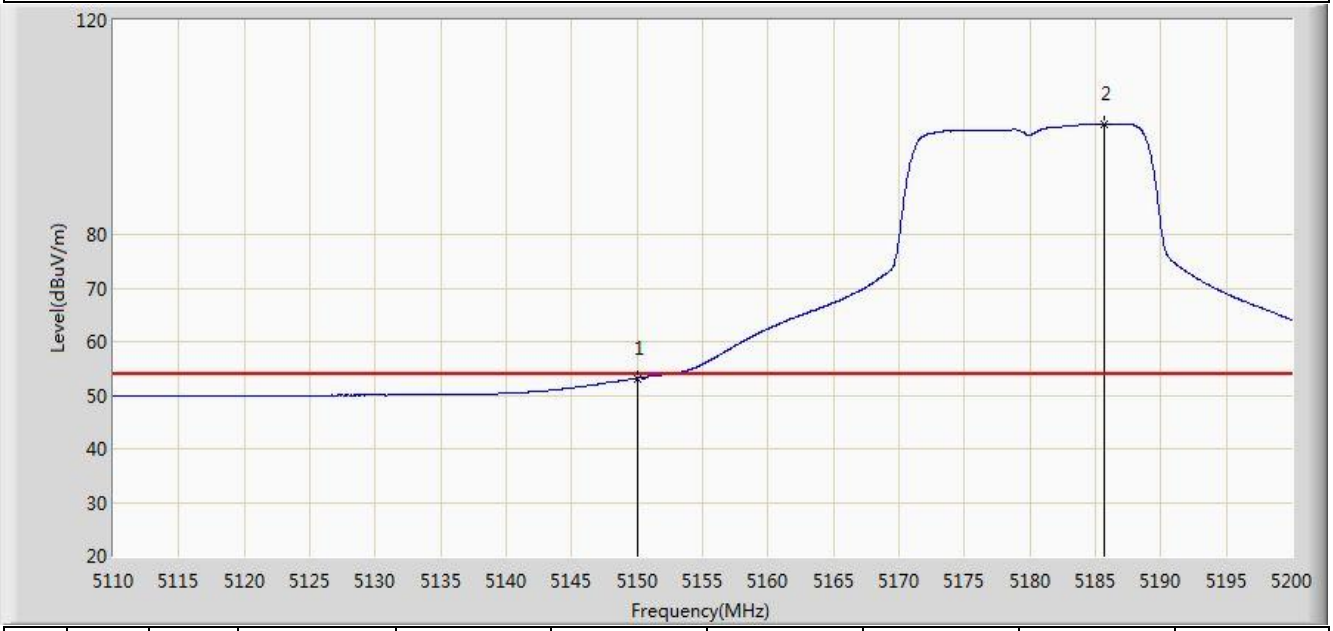


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.205	71.081	33.627	-2.919	74.000	37.454	PK
2			5150.000	67.365	29.913	-6.635	74.000	37.452	PK
3		*	5186.275	113.984	76.626	N/A	N/A	37.358	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

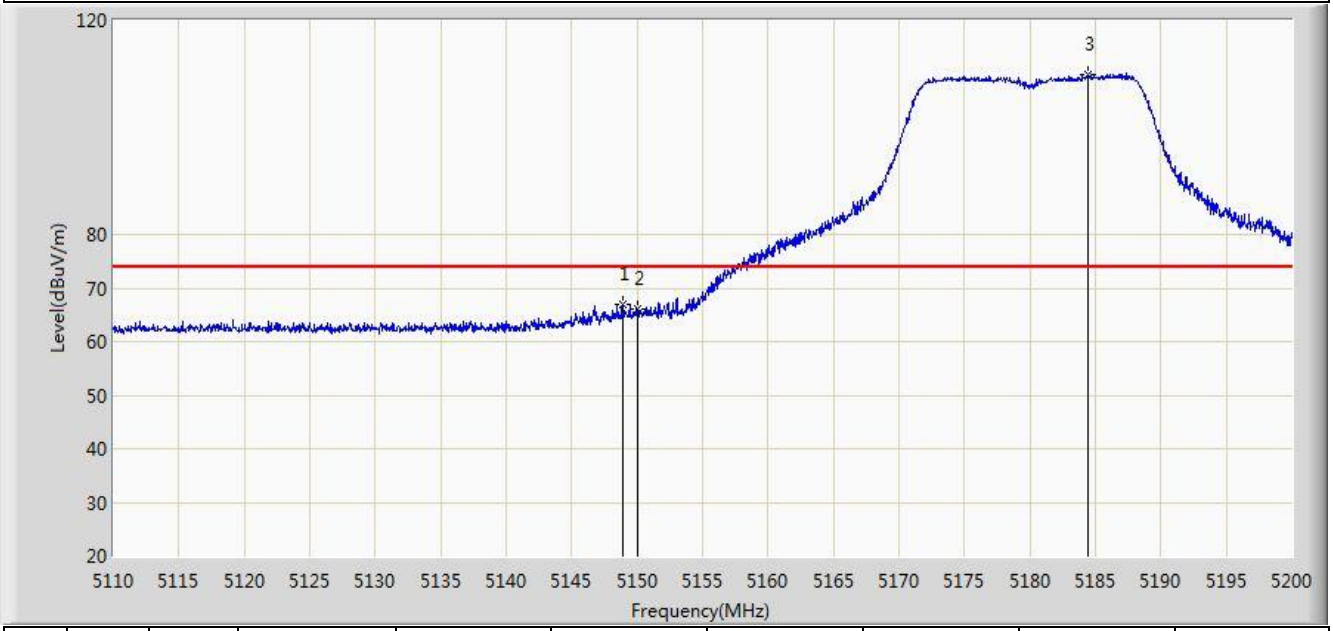


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.185	15.733	-0.815	54.000	37.452	AV
2		*	5185.690	100.673	63.313	N/A	N/A	37.359	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

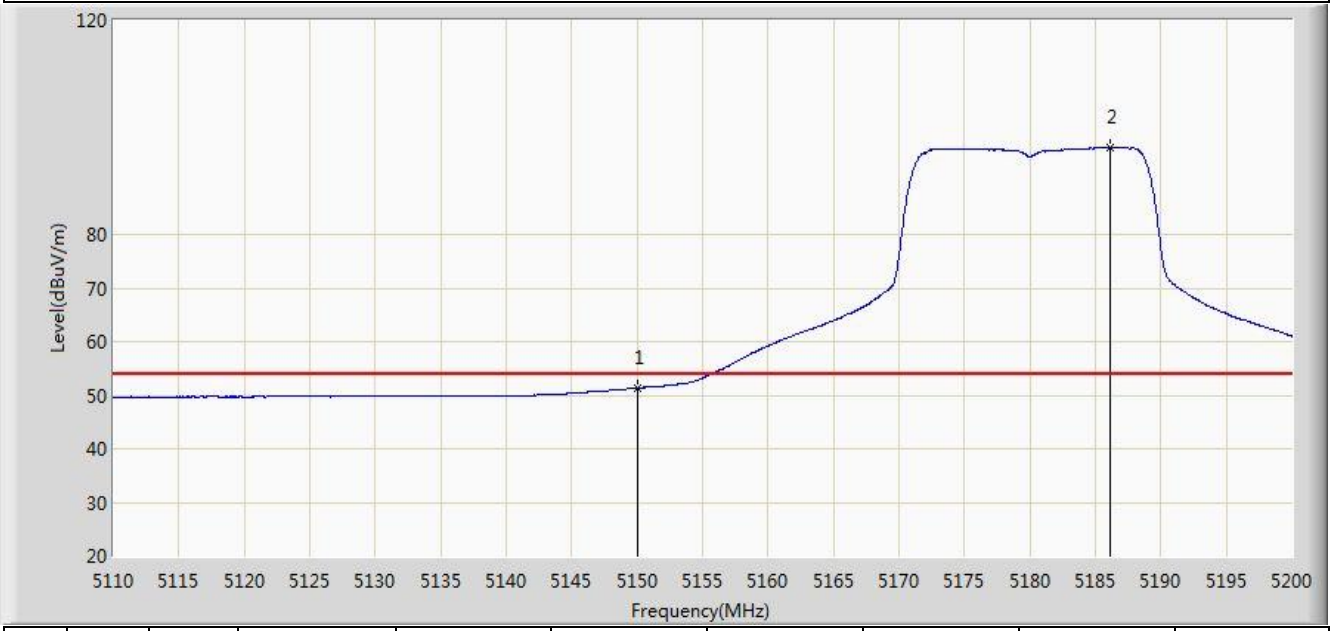


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	66.961	29.508	-7.039	74.000	37.454	PK
2			5150.000	65.990	28.538	-8.010	74.000	37.452	PK
3		*	5184.475	109.979	72.616	N/A	N/A	37.363	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

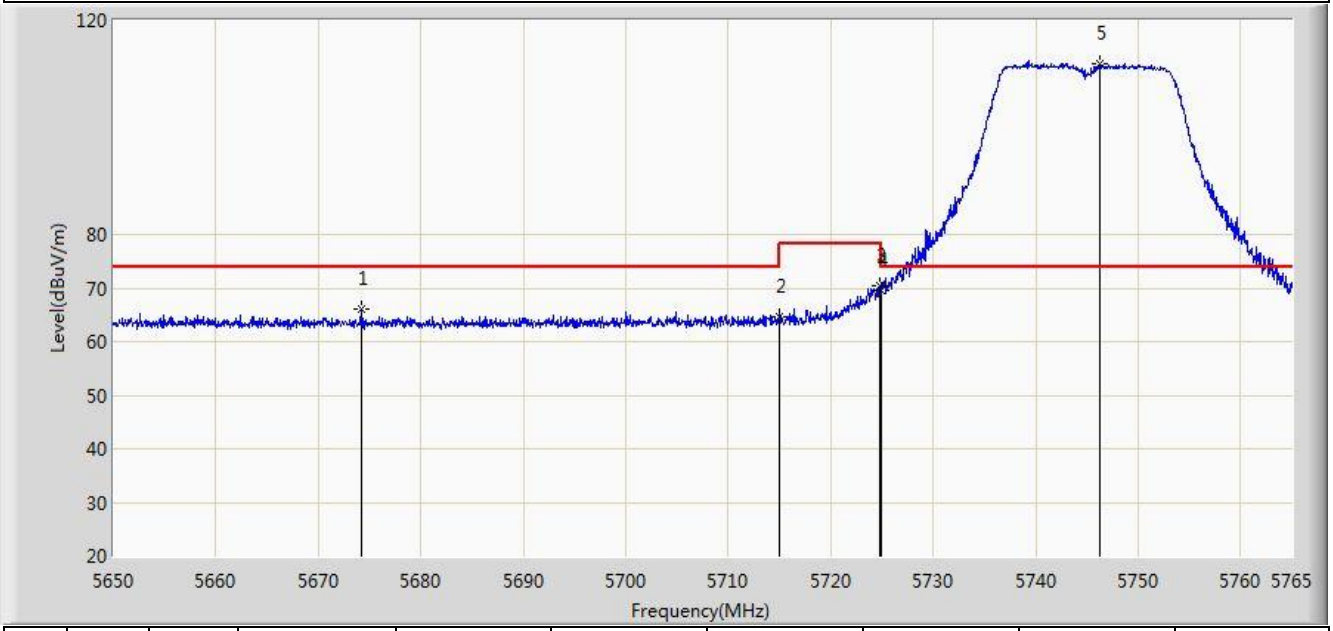


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.330	13.878	-2.670	54.000	37.452	AV
2		*	5186.095	96.247	58.888	N/A	N/A	37.359	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	

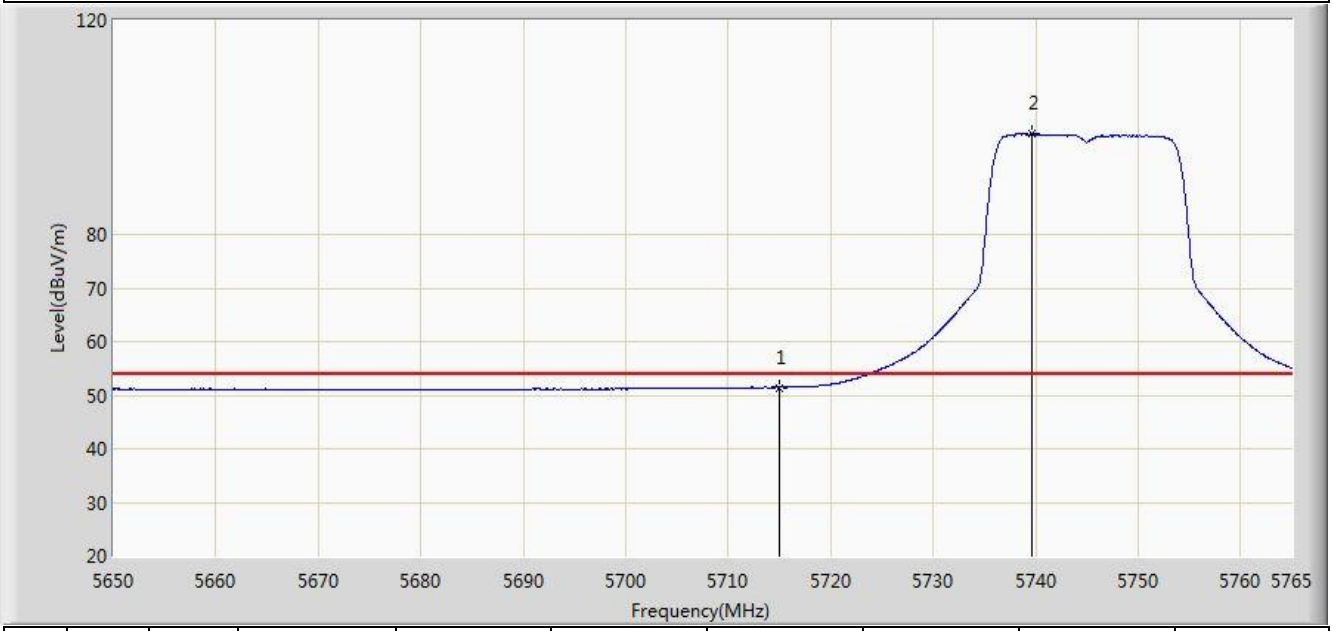


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5674.150	66.121	28.306	-7.879	74.000	37.815	PK
2			5715.000	64.592	26.643	-9.408	74.000	37.949	PK
3			5724.750	70.433	32.444	-7.767	78.200	37.989	PK
4			5725.000	69.621	31.631	-8.579	78.200	37.990	PK
5		*	5746.312	111.830	73.752	N/A	N/A	38.078	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	

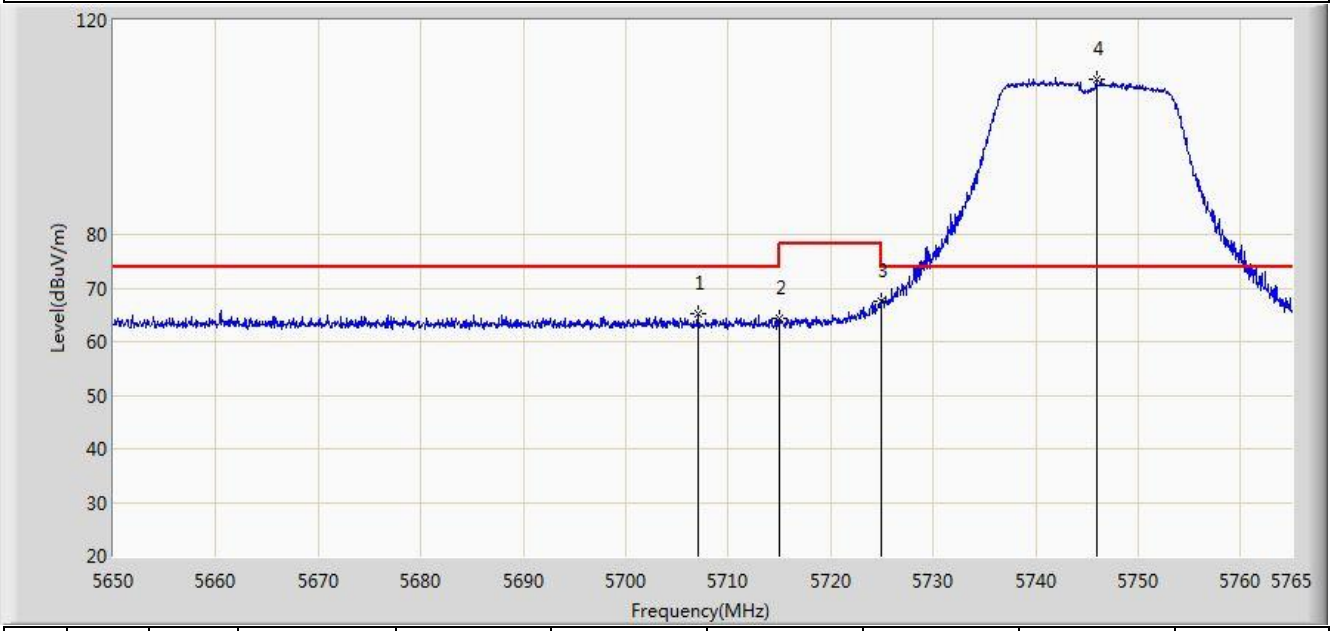


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.446	13.497	-2.554	54.000	37.949	AV
2		*	5739.700	98.769	60.719	N/A	N/A	38.050	AV

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

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

Site: AC 1	Time: 2015/07/31 - 10:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	

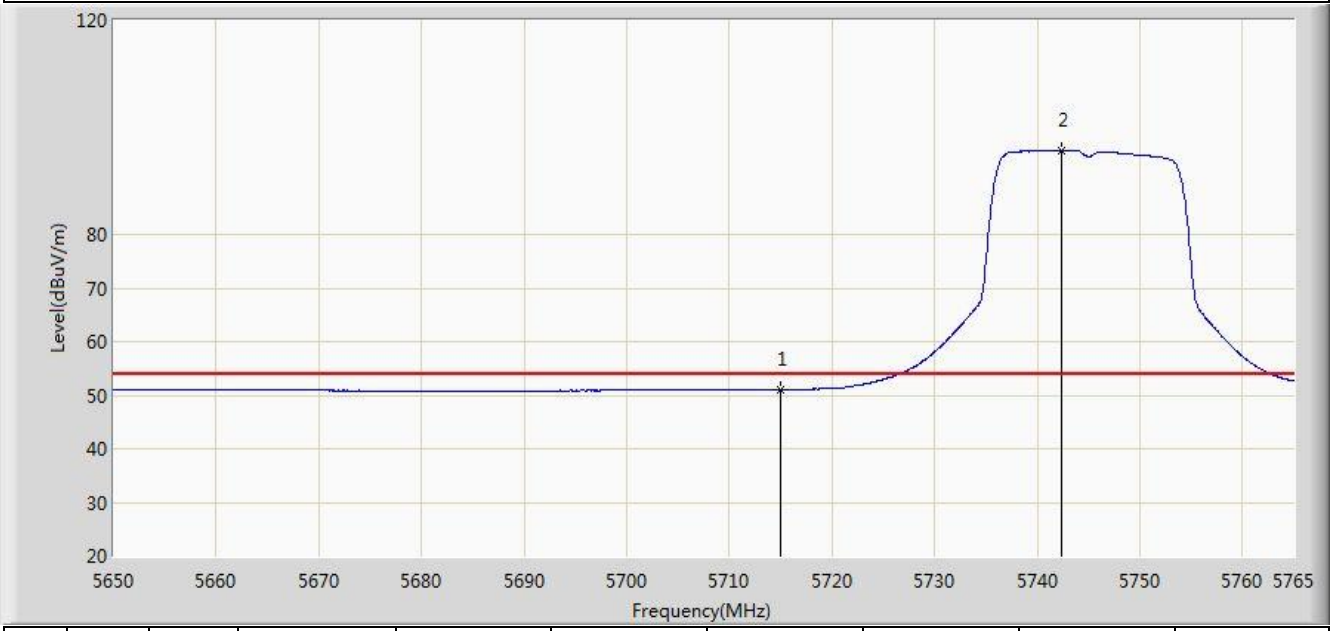


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5707.040	65.291	27.374	-8.709	74.000	37.917	PK
2			5715.000	64.249	26.300	-9.751	74.000	37.949	PK
3			5725.000	67.669	29.679	-10.531	78.200	37.990	PK
4		*	5745.910	109.012	70.936	N/A	N/A	38.076	PK

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

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

Site: AC 1	Time: 2015/07/31 - 10:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	

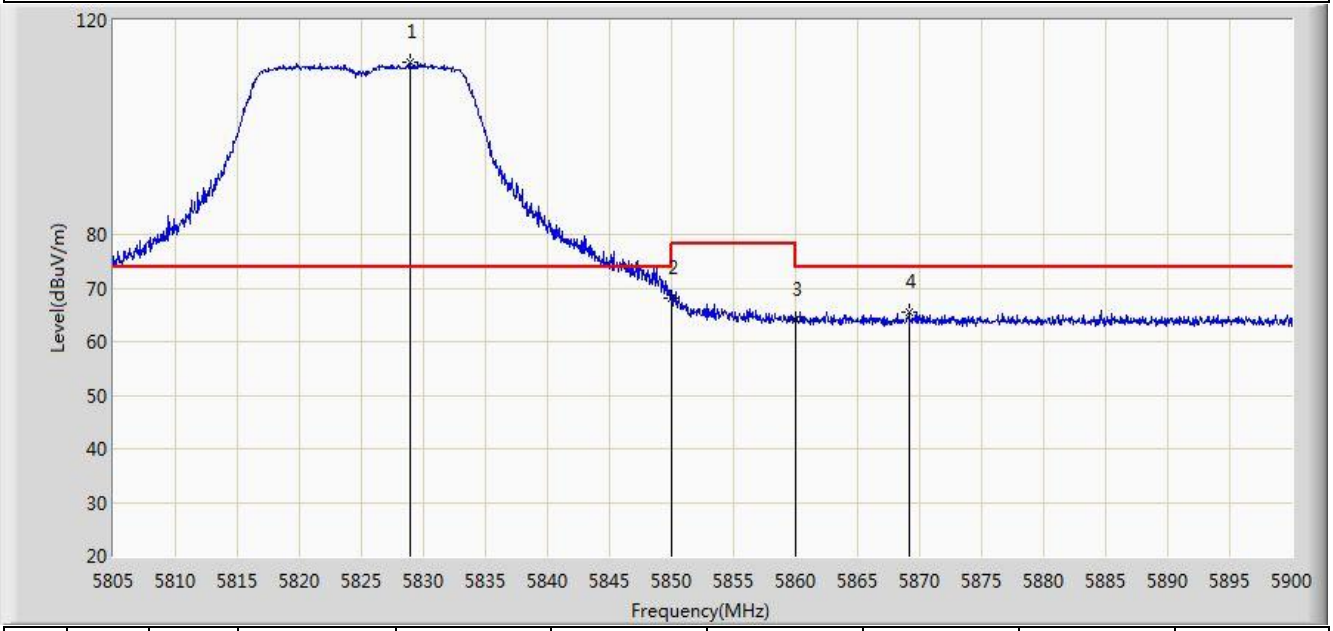


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.125	13.176	-2.875	54.000	37.949	AV
2		*	5742.402	95.686	57.626	N/A	N/A	38.060	AV

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

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

Site: AC 1	Time: 2015/07/31 - 11:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

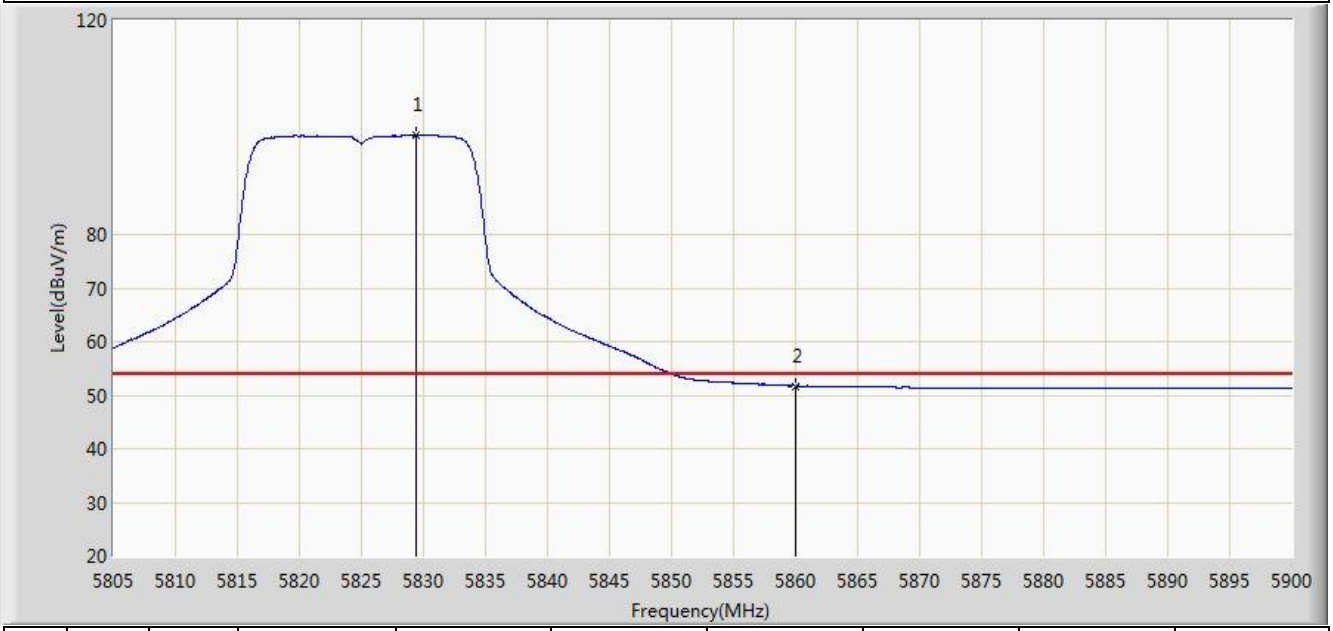


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.893	112.191	73.819	N/A	N/A	38.372	PK
2			5850.000	68.221	29.768	-9.979	78.200	38.454	PK
3			5860.000	64.059	25.581	-9.941	74.000	38.478	PK
4			5869.172	65.518	27.027	-8.482	74.000	38.490	PK

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

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

Site: AC 1	Time: 2015/07/31 - 11:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

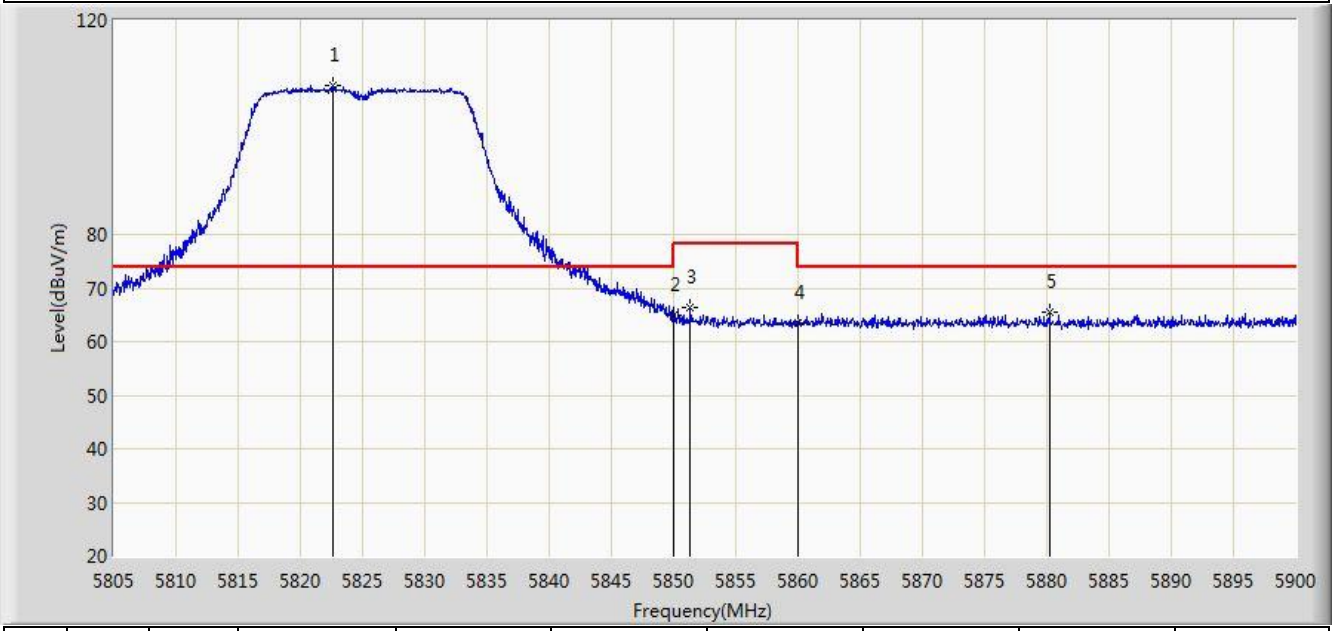


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.462	98.488	60.114	N/A	N/A	38.374	AV
2			5860.000	51.703	13.225	-2.297	54.000	38.478	AV

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

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

Site: AC 1	Time: 2015/07/31 - 11:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

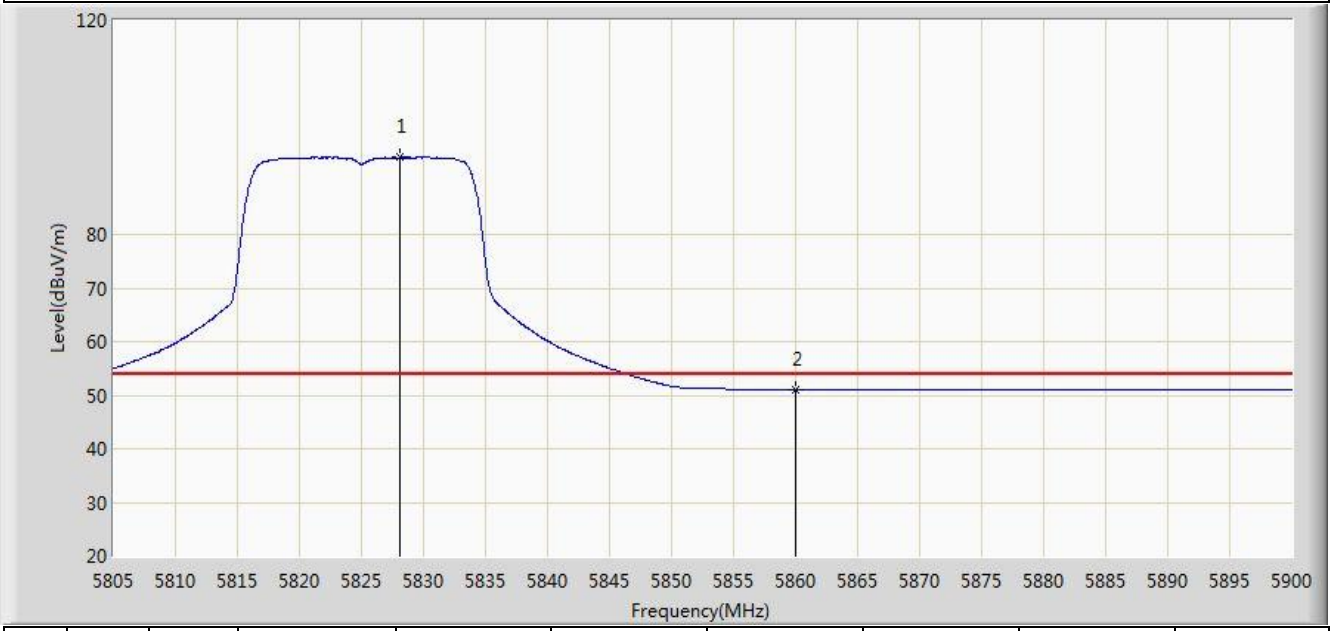


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.575	107.834	69.488	N/A	N/A	38.346	PK
2			5850.000	65.039	26.586	-13.161	78.200	38.454	PK
3			5851.360	66.279	27.822	-11.921	78.200	38.456	PK
4			5860.000	63.522	25.044	-10.478	74.000	38.478	PK
5			5880.192	65.576	27.074	-8.424	74.000	38.502	PK

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

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

Site: AC 1	Time: 2015/07/31 - 11:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

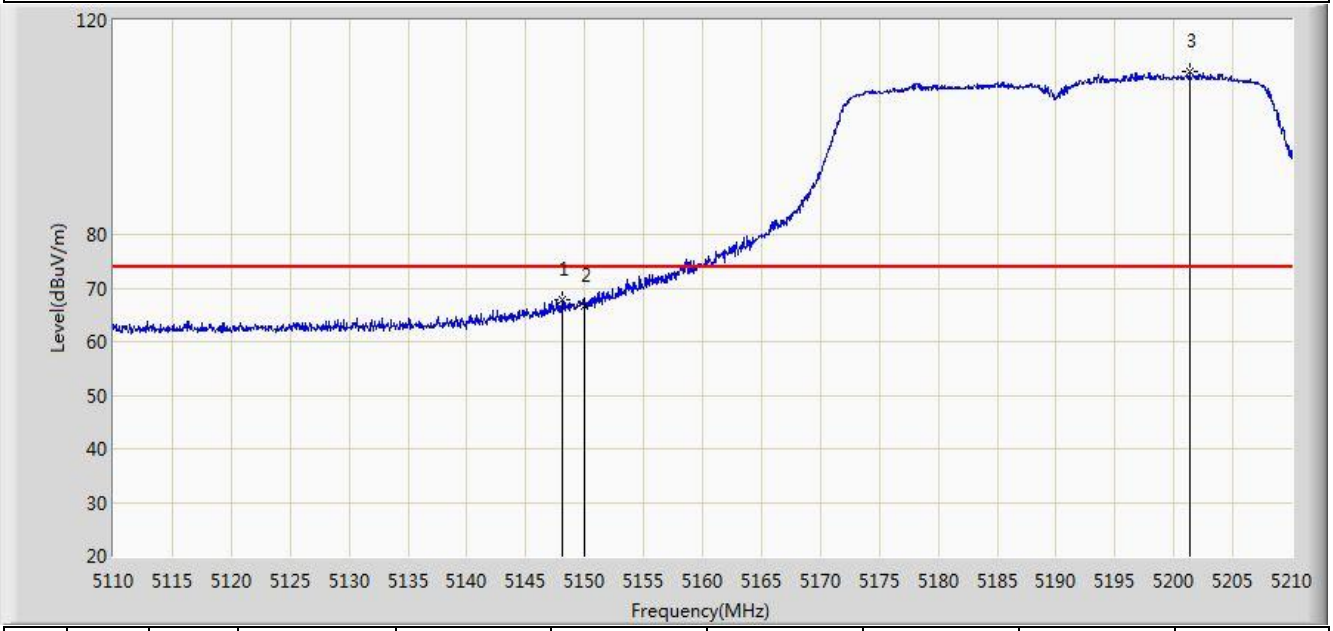


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.038	94.389	56.021	N/A	N/A	38.368	AV
2			5860.000	51.069	12.591	-2.931	54.000	38.478	AV

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

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

Site: AC 1	Time: 2015/07/30 - 10:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

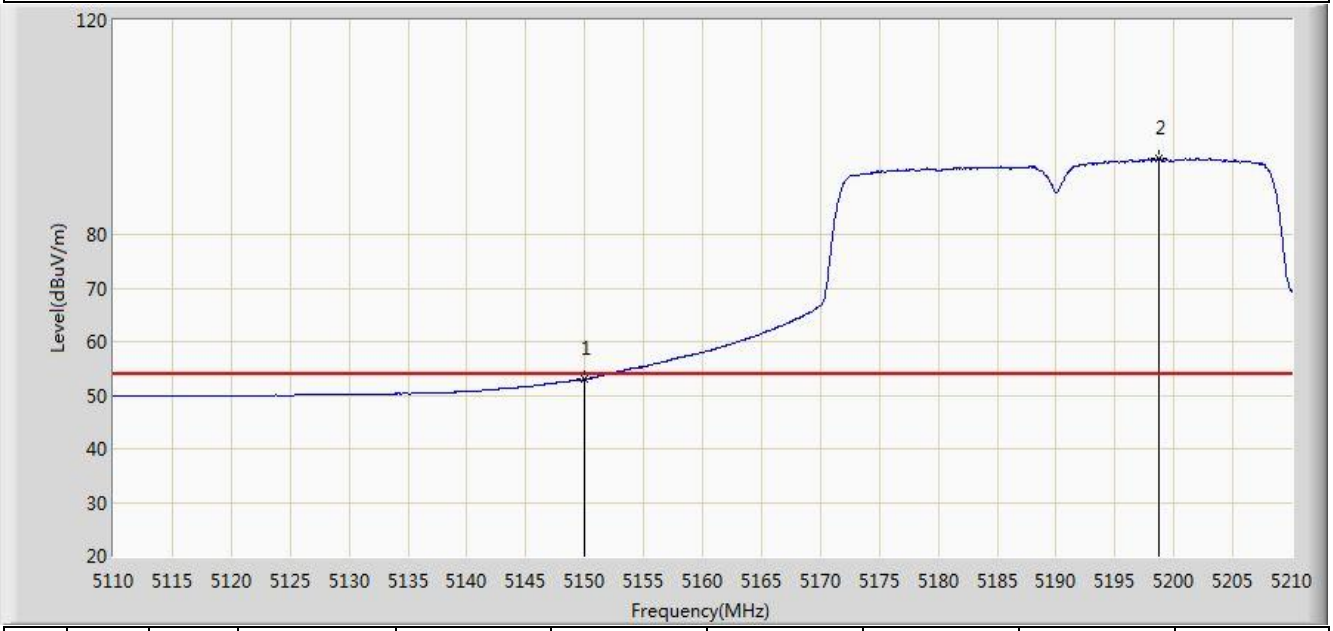


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.050	67.947	30.492	-6.053	74.000	37.455	PK
2			5150.000	66.676	29.224	-7.324	74.000	37.452	PK
3		*	5201.300	110.396	73.076	N/A	N/A	37.319	PK

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

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

Site: AC 1	Time: 2015/07/30 - 10:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

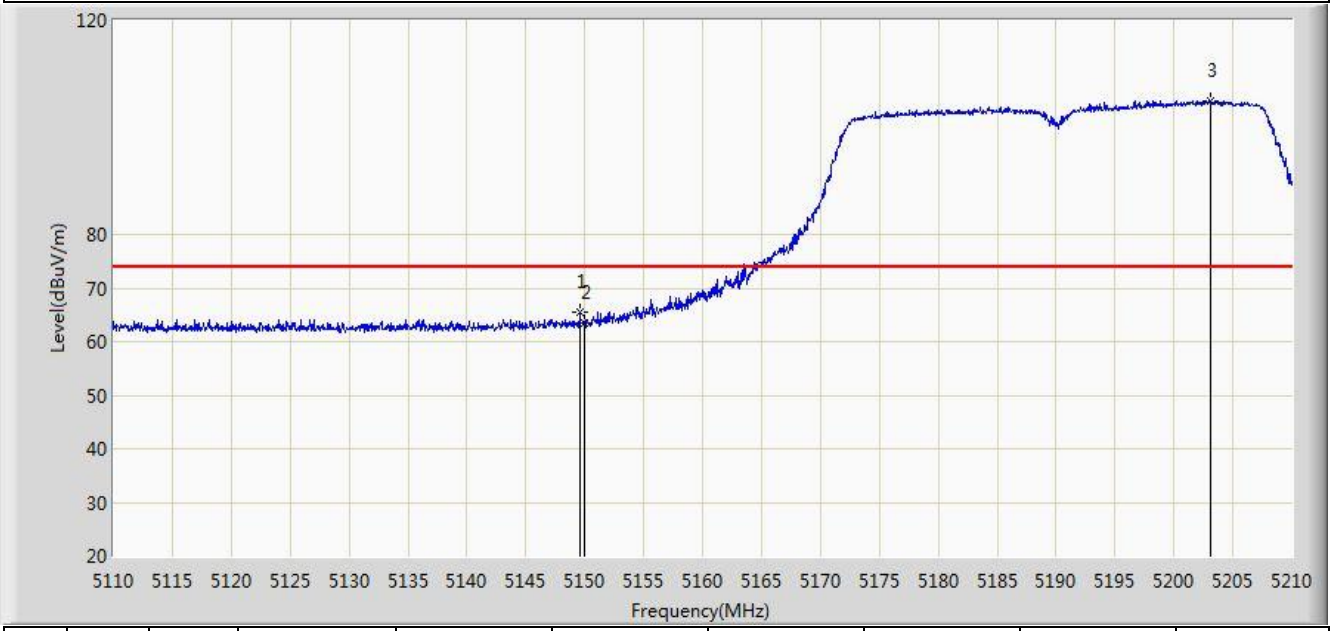


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.990	15.538	-1.010	54.000	37.452	AV
2		*	5198.750	94.120	56.792	N/A	N/A	37.329	AV

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

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

Site: AC 1	Time: 2015/07/30 - 10:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

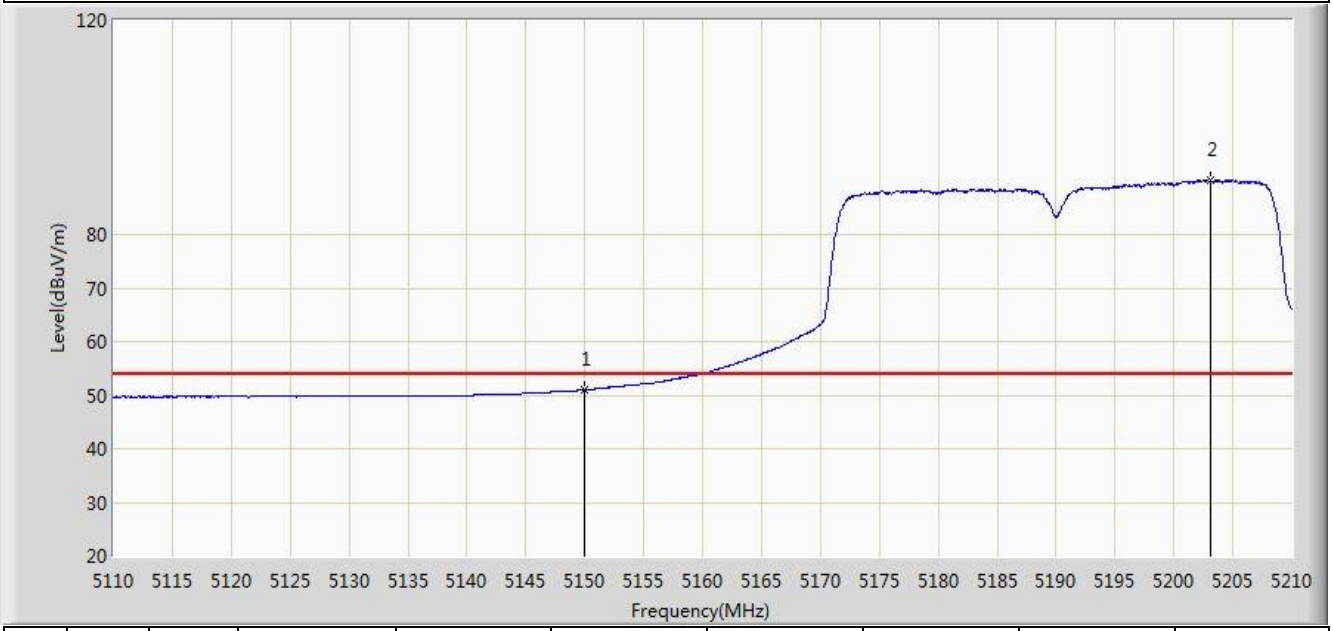


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.600	65.493	28.041	-8.507	74.000	37.452	PK
2			5150.000	63.468	26.016	-10.532	74.000	37.452	PK
3		*	5203.100	105.066	67.752	N/A	N/A	37.314	PK

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

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

Site: AC 1	Time: 2015/07/30 - 10:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

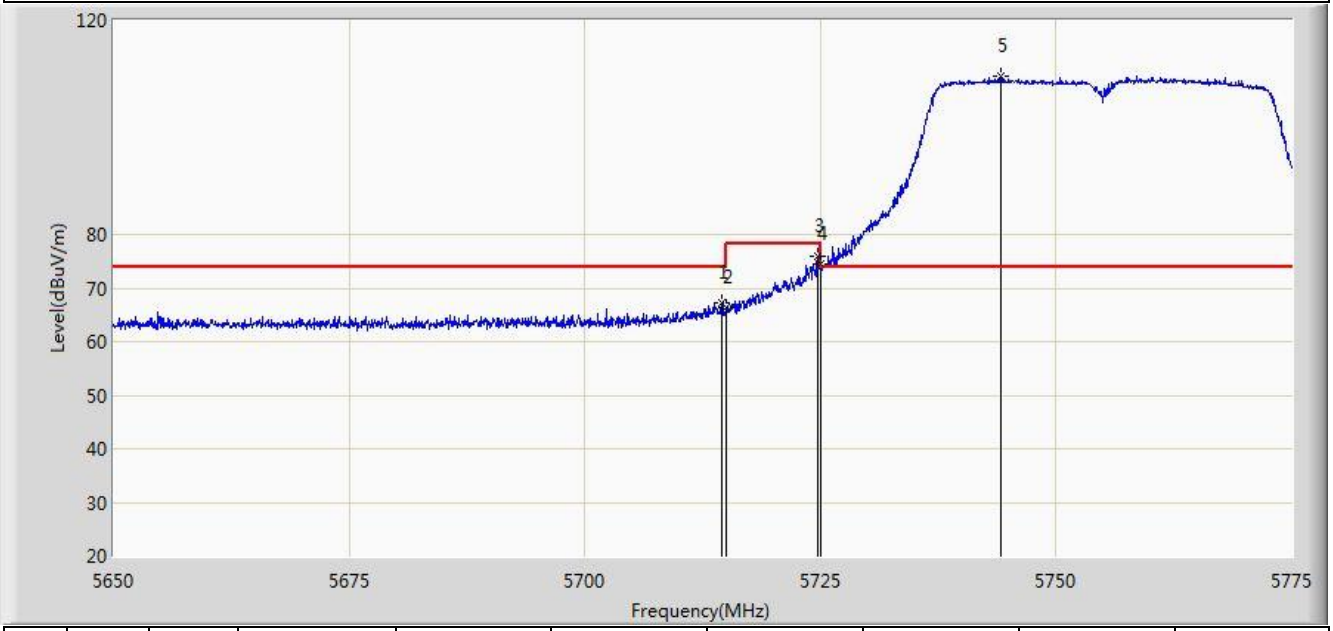


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.992	13.540	-3.008	54.000	37.452	AV
2		*	5203.050	90.047	52.733	N/A	N/A	37.314	AV

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

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

Site: AC 1	Time: 2015/07/30 - 10:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

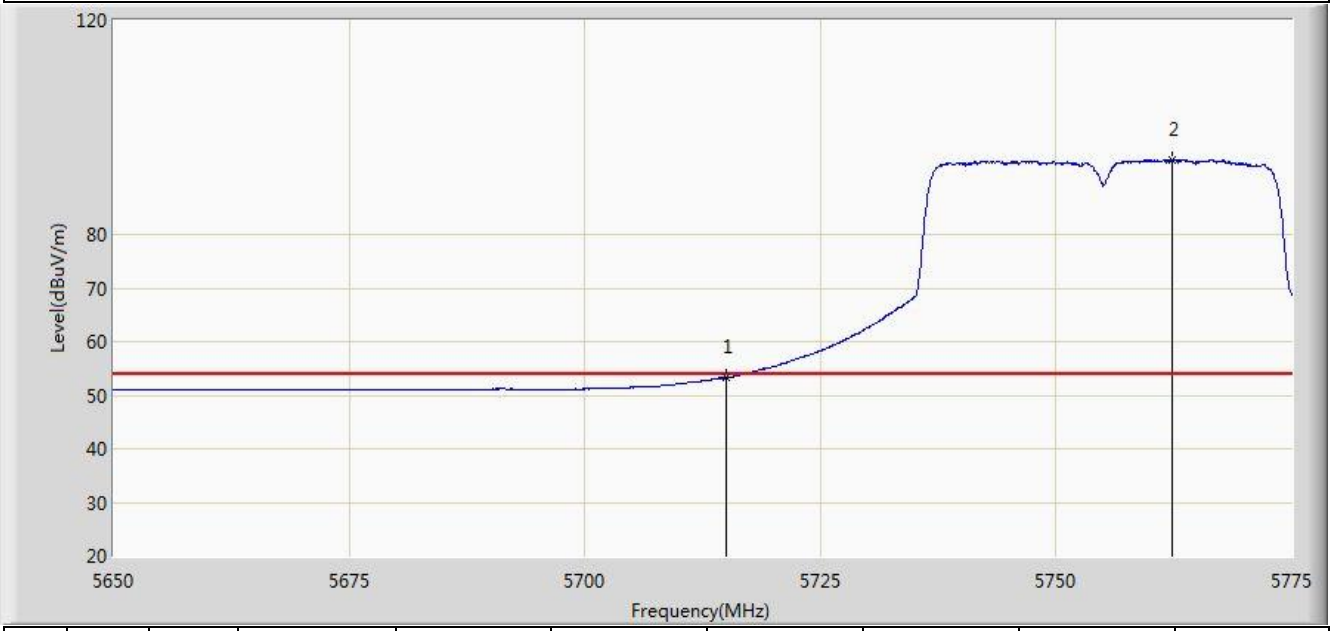


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.562	67.366	29.419	-6.634	74.000	37.947	PK
2			5715.000	66.404	28.455	-7.596	74.000	37.949	PK
3			5724.687	76.042	38.054	-2.158	78.200	37.989	PK
4			5725.000	74.609	36.619	-3.591	78.200	37.990	PK
5		*	5744.187	109.692	71.624	N/A	N/A	38.068	PK

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

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

Site: AC 1	Time: 2015/07/30 - 10:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

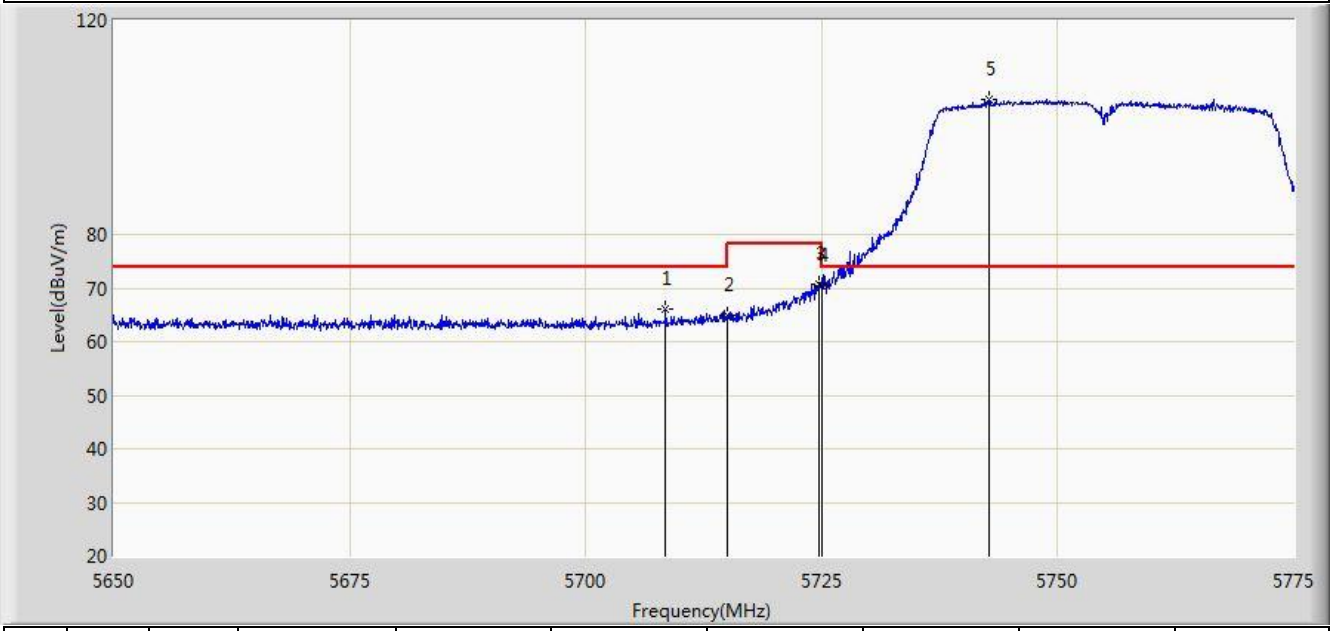


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.207	15.258	-0.793	54.000	37.949	AV
2		*	5762.312	93.770	55.623	N/A	N/A	38.146	AV

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

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

Site: AC 1	Time: 2015/07/30 - 10:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

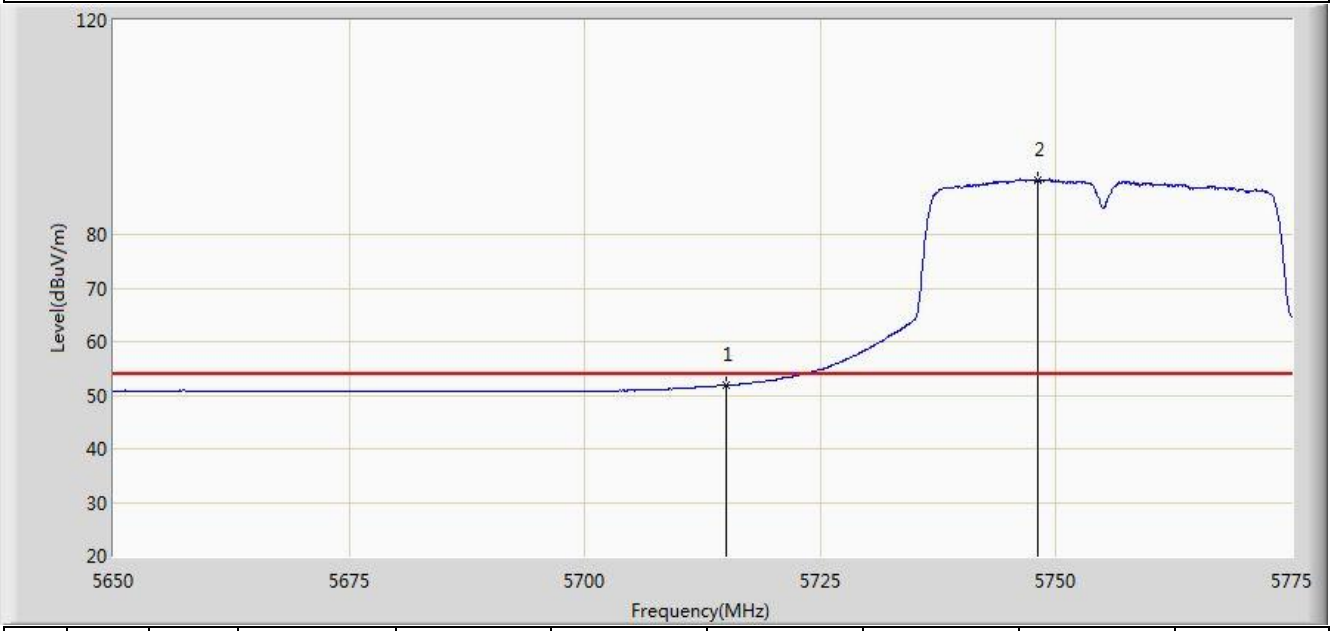


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5708.500	66.016	28.093	-7.984	74.000	37.923	PK
2			5715.000	65.021	27.072	-8.979	74.000	37.949	PK
3			5724.687	70.751	32.763	-7.449	78.200	37.989	PK
4			5725.000	70.415	32.425	-7.785	78.200	37.990	PK
5		*	5742.687	105.282	67.221	N/A	N/A	38.061	PK

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

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

Site: AC 1	Time: 2015/07/30 - 10:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

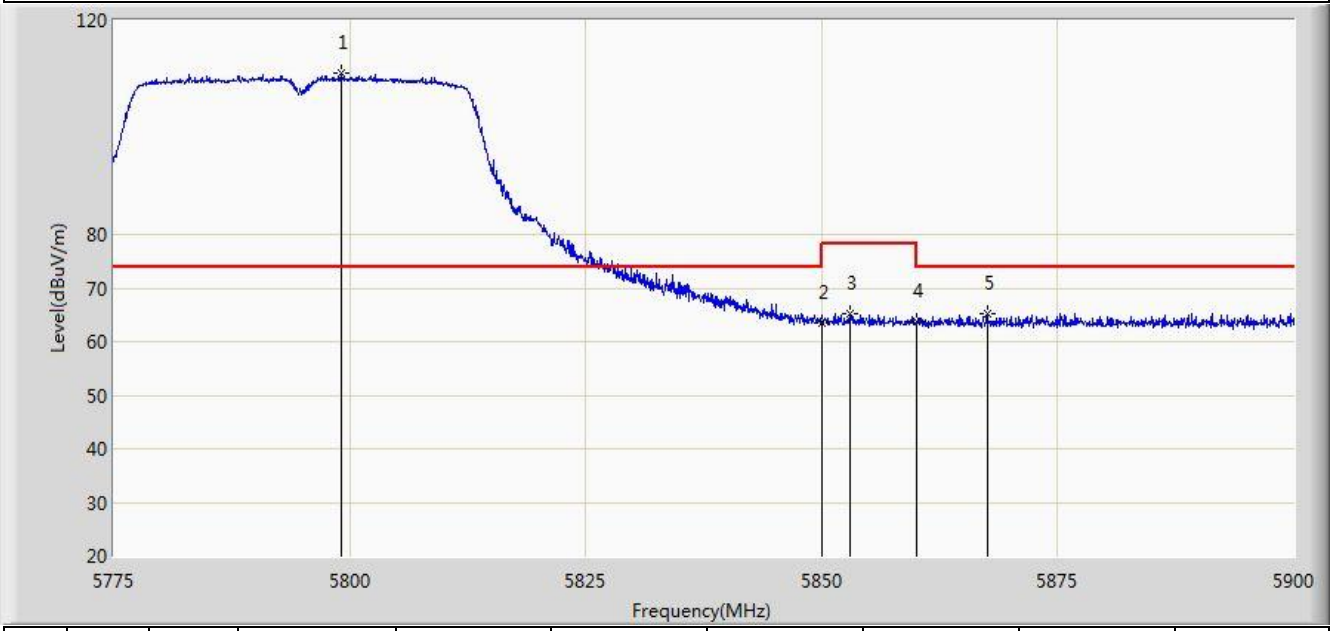


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.827	13.878	-2.173	54.000	37.949	AV
2		*	5748.062	90.074	51.988	N/A	N/A	38.087	AV

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

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

Site: AC 1	Time: 2015/07/30 - 10:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5799.062	110.156	71.895	N/A	N/A	38.261	PK
2			5850.000	63.602	25.149	-14.598	78.200	38.454	PK
3			5852.937	65.316	26.856	-12.884	78.200	38.461	PK
4			5860.000	63.806	25.328	-10.194	74.000	38.478	PK
5			5867.500	65.260	26.771	-8.740	74.000	38.488	PK

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

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