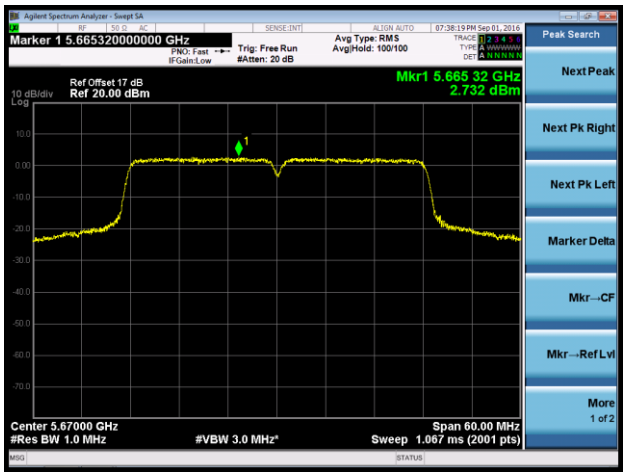
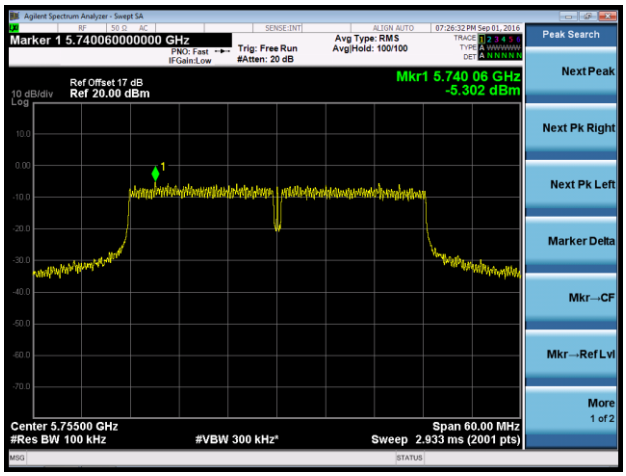
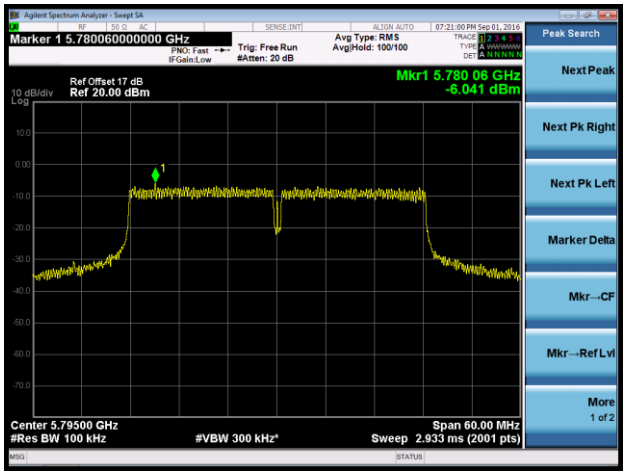
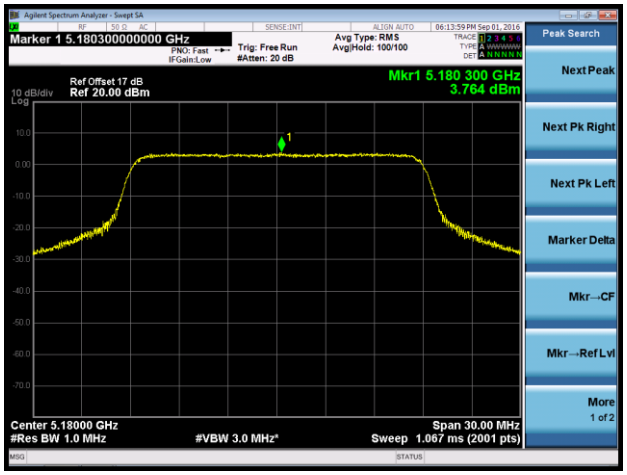
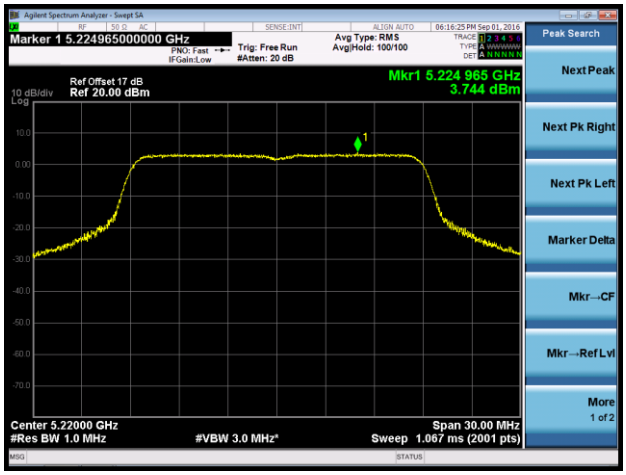
Channel 134 (5670MHz)	Channel 151 (5755MHz)
	
Channel 159 (5795MHz)	
	

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

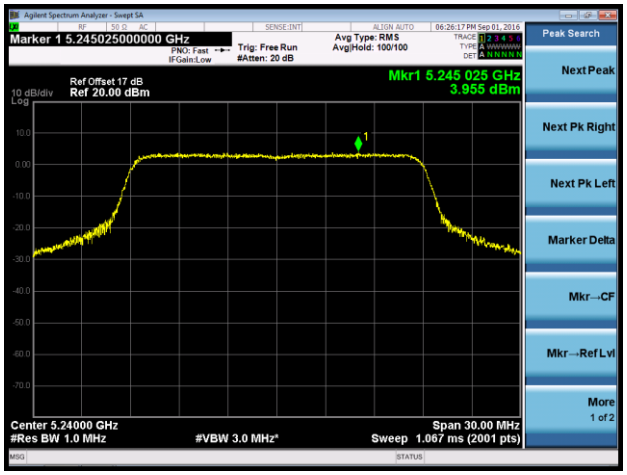
Channel 36 (5180MHz)



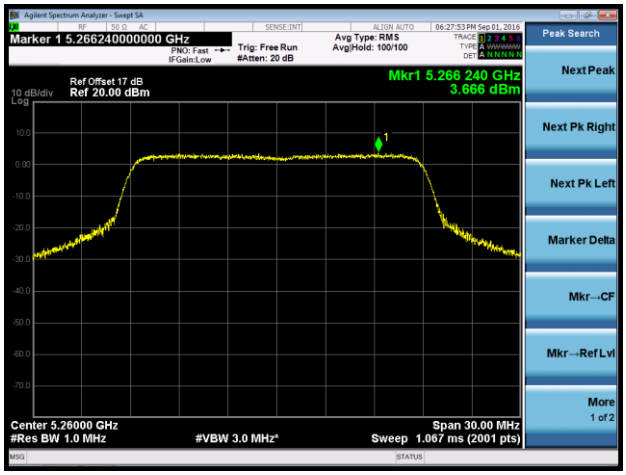
Channel 44 (5220MHz)



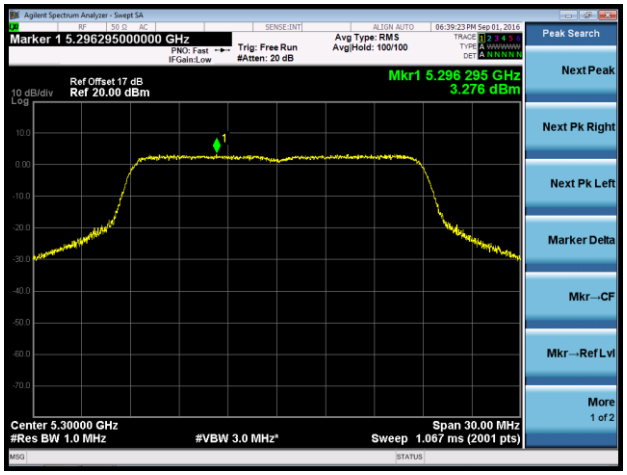
Channel 48 (5240MHz)



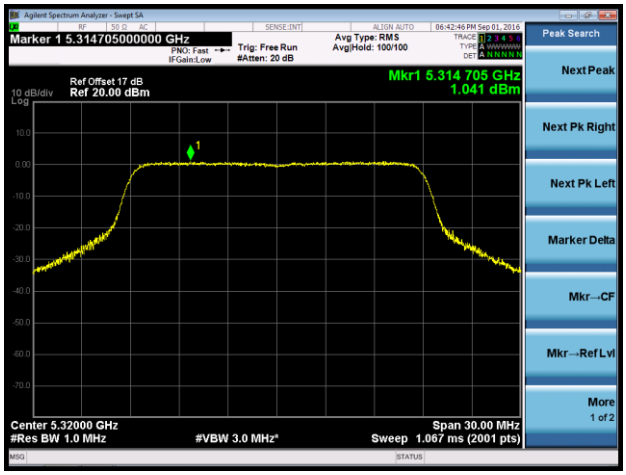
Channel 52 (5260MHz)

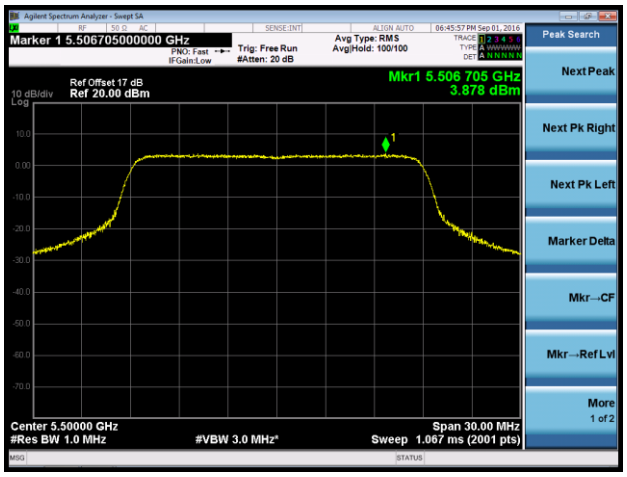
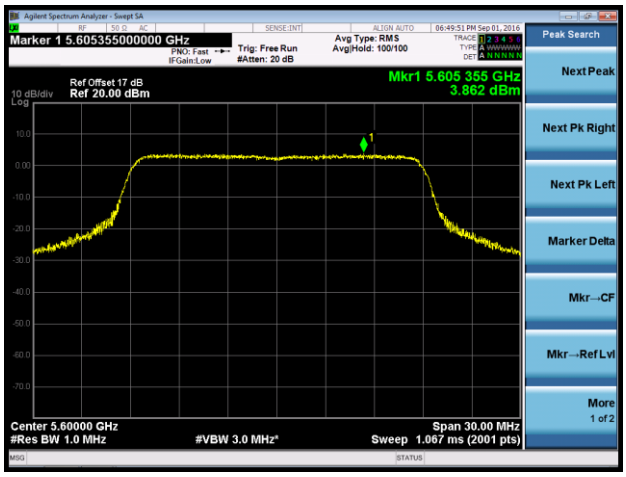
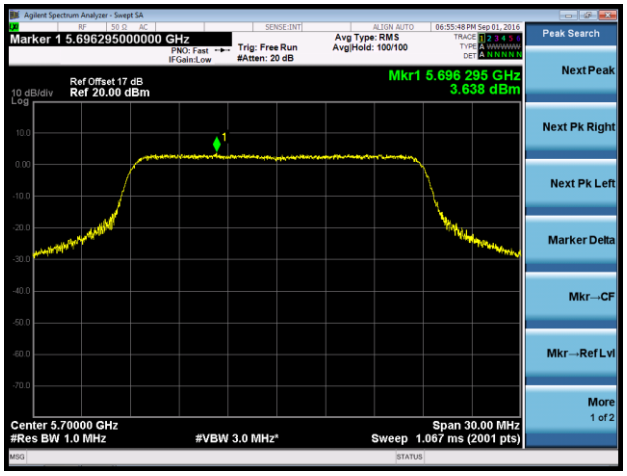
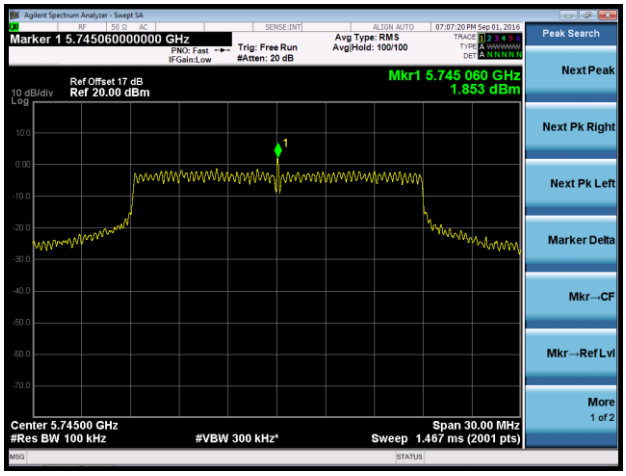
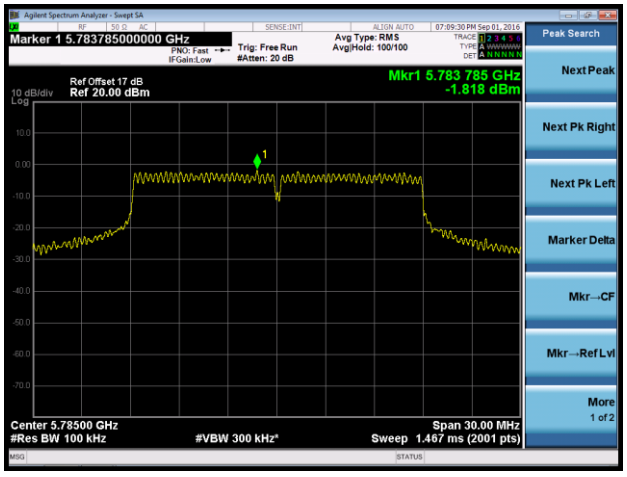
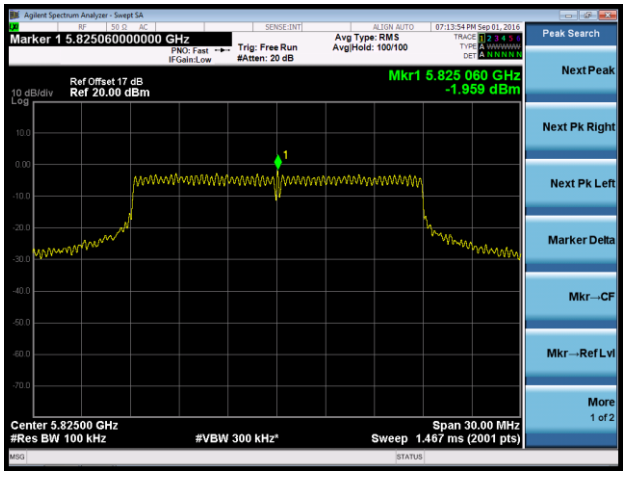


Channel 60 (5300MHz)



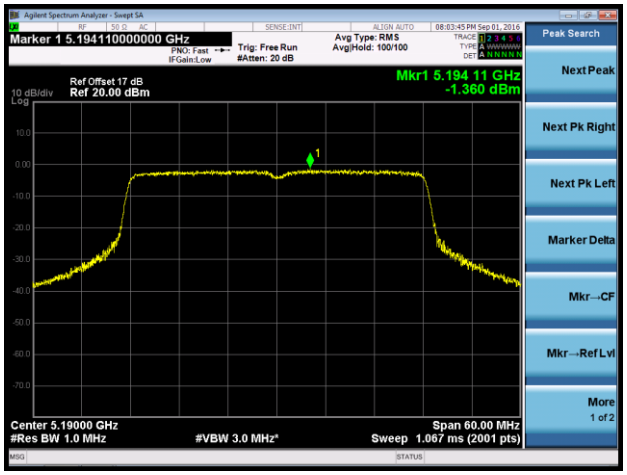
Channel 64 (5320MHz)



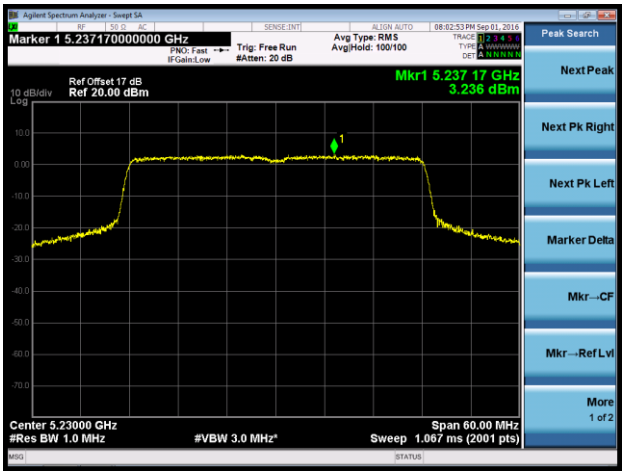
Channel 100 (5500MHz)	Channel 120 (5600MHz)
	
Channel 140 (5700MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

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

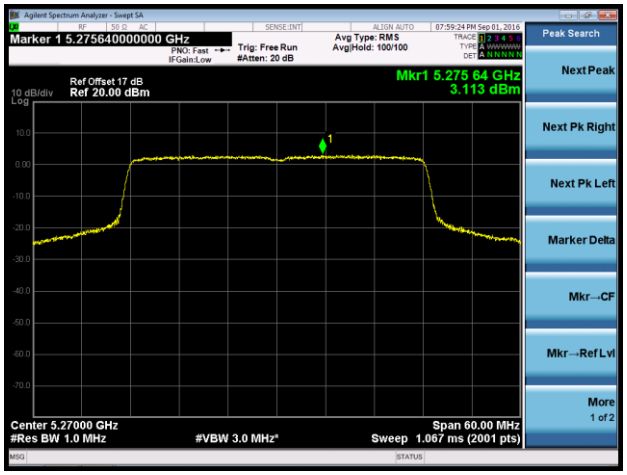
Channel 38 (5190MHz)



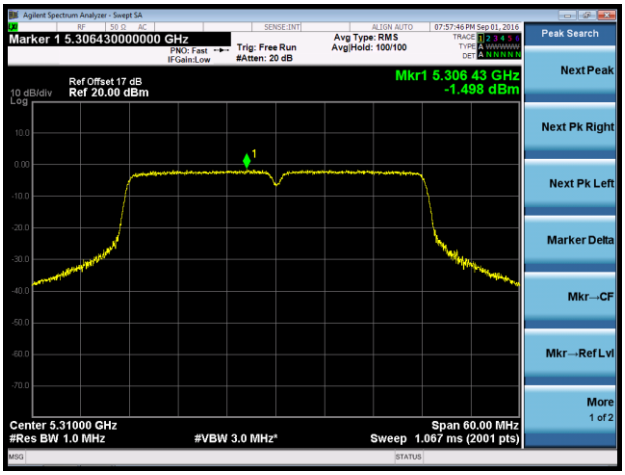
Channel 46 (5230MHz)



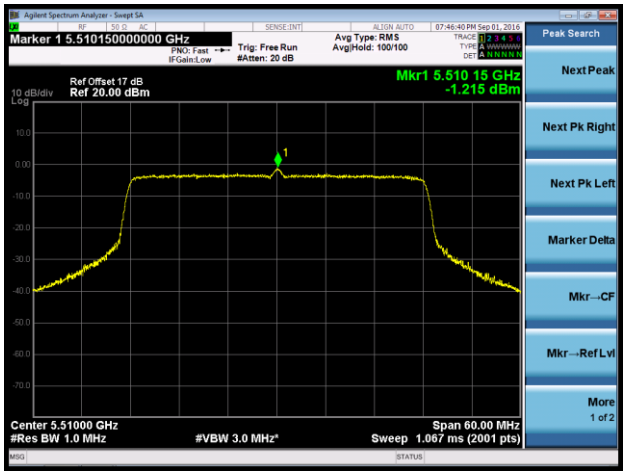
Channel 54 (5270MHz)



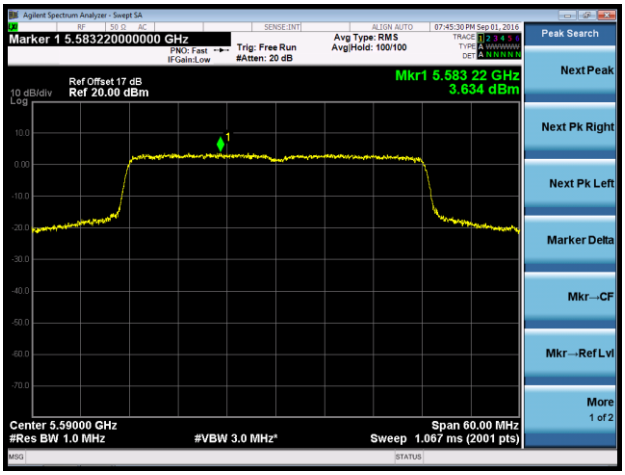
Channel 62 (5310MHz)

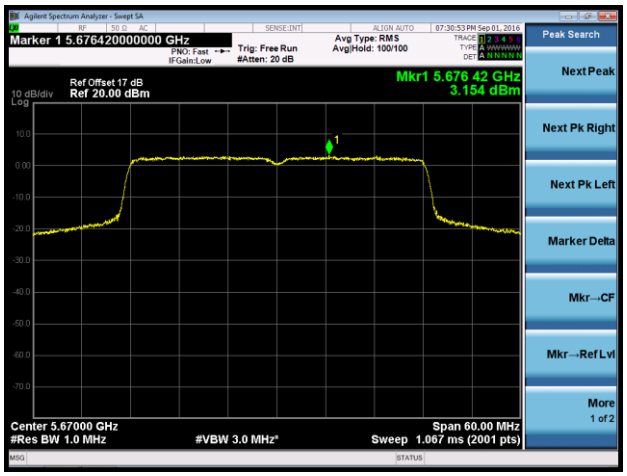
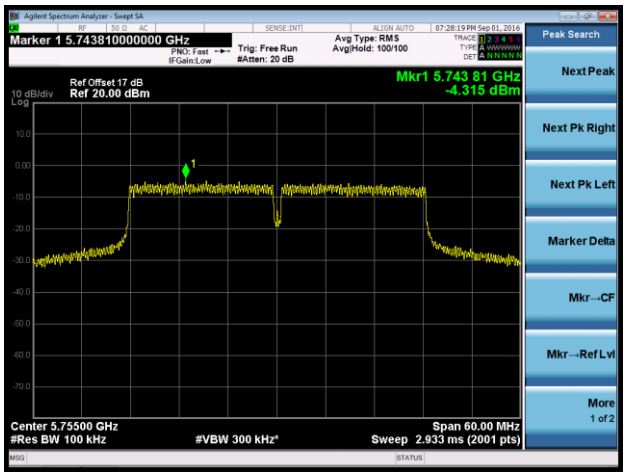
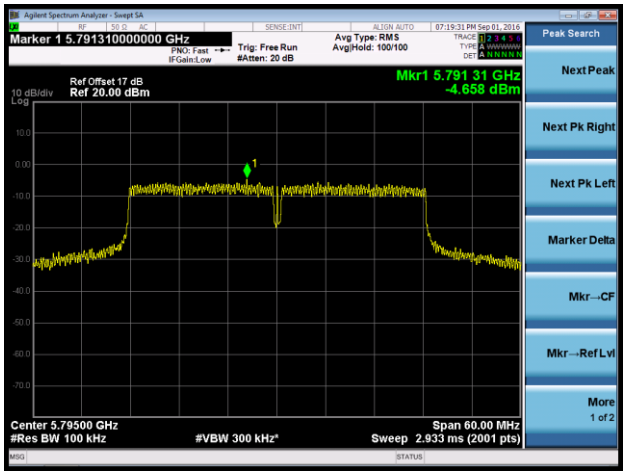


Channel 102 (5510MHz)



Channel 110 (5590MHz)



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

7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability under Temperature Variations:

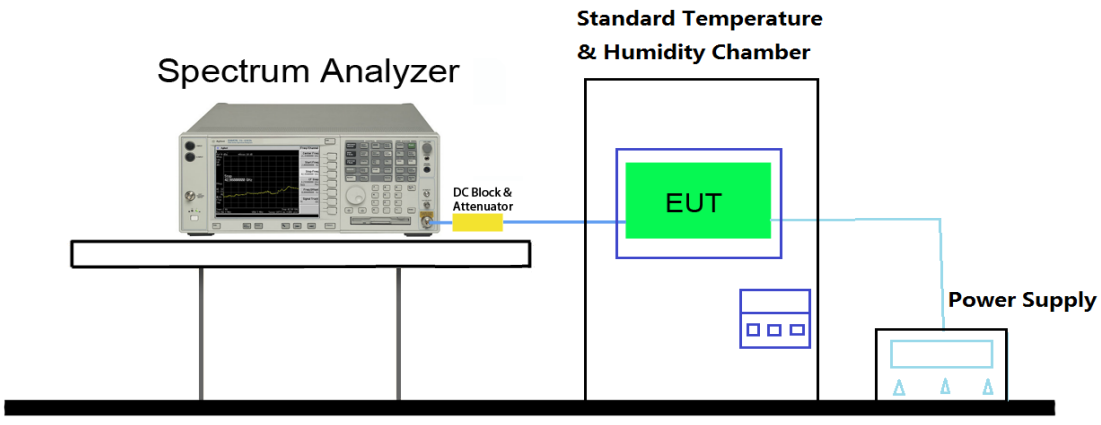
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability under Voltage Variations:

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

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

7.7.3. Test Setup



7.7.4. Test Result

Test Engineer	Roy Cheng	Temperature	-30 ~ 50°C
Test Time	2016/08/28	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	5.34	3.60	1.88	2.45
		- 20	-4.47	-5.49	3.80	2.07
		- 10	3.54	2.76	1.42	-3.12
		0	3.75	-6.70	-7.47	1.47
		+ 10	-5.26	0.82	-5.10	-4.72
		+ 20 (Ref)	2.60	3.94	2.09	3.20
		+ 30	-6.52	-6.77	1.06	1.38
		+ 40	3.62	1.78	1.19	4.98
		+ 50	-5.54	1.31	-3.56	-3.69
115%	138	+ 20	3.02	3.25	2.73	2.22
85%	102	+ 20	2.44	2.54	-4.10	-0.39

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

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

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

7.8.2. Test Procedure Used

KDB 789033 D02v01r03 - Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

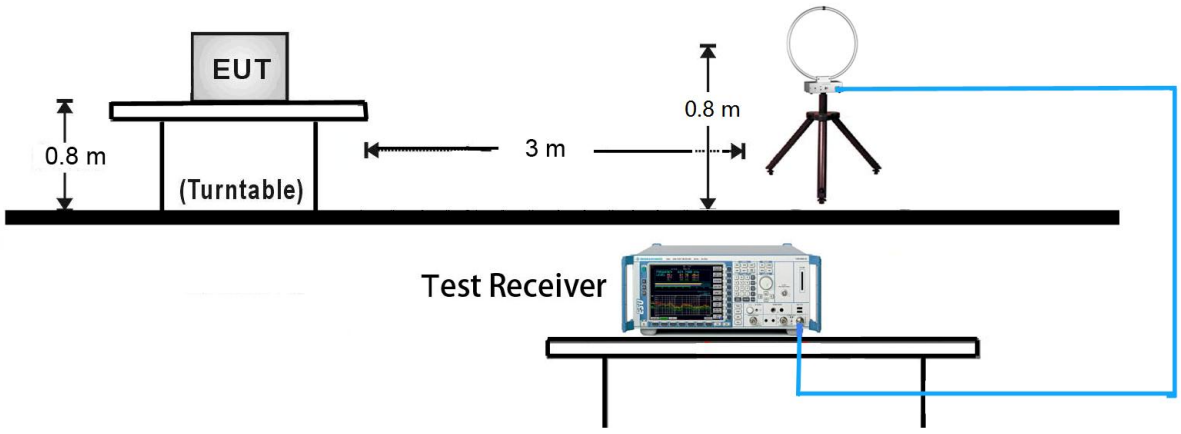
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

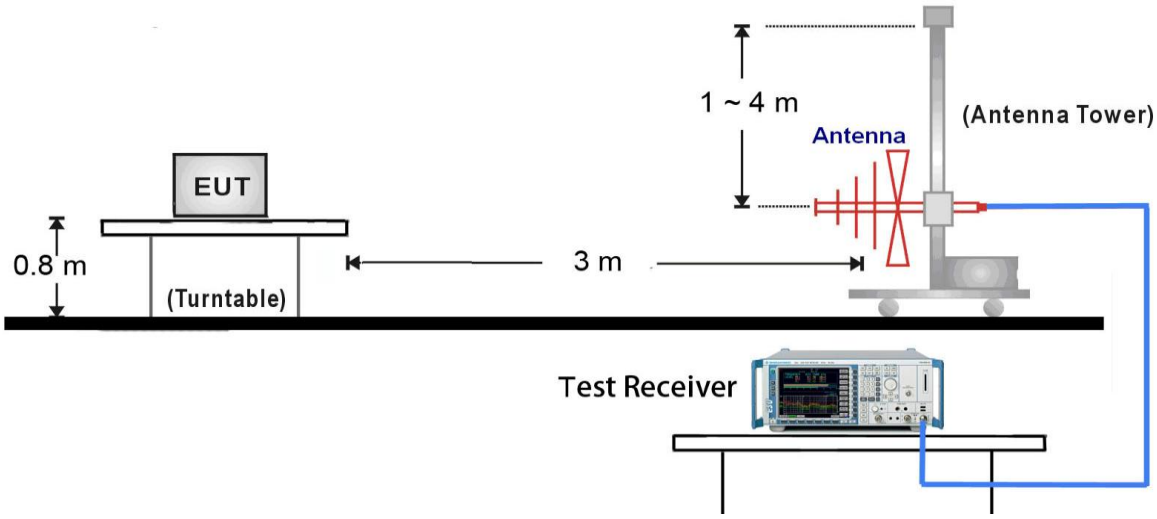
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.8.4. Test Setup

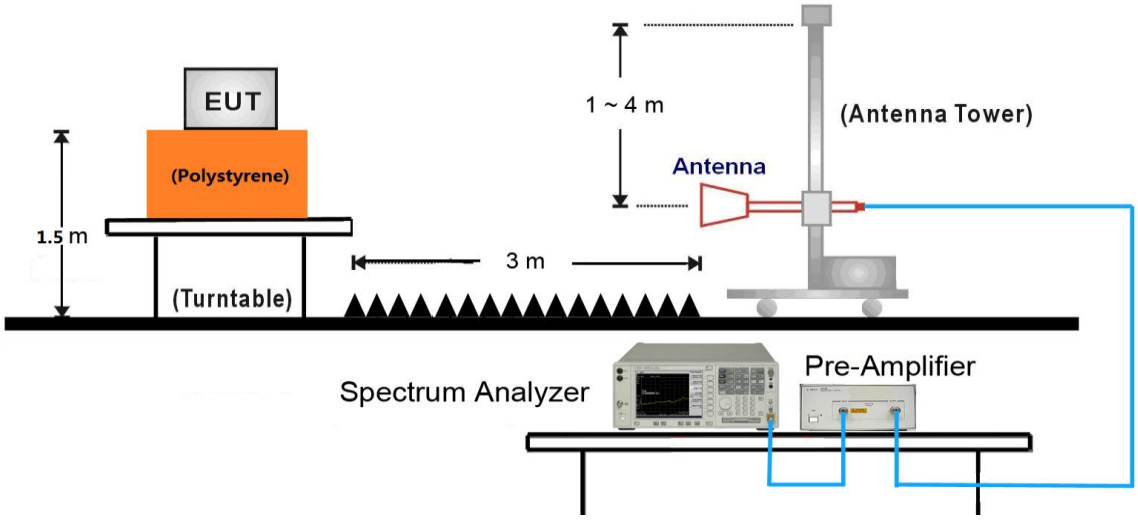
9kHz ~ 30MHz Test Setup:



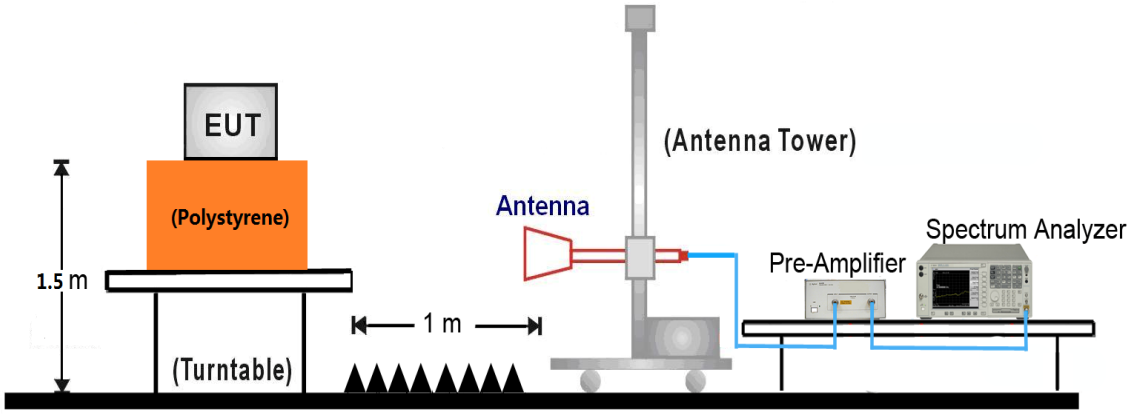
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Dipole Antenna

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	33.8	11.0	44.8	74.0	-29.2	Peak	Horizontal
	9015.5	32.2	11.5	43.7	74.0	-30.3	Peak	Horizontal
*	10231.0	32.3	14.4	46.7	68.2	-21.5	Peak	Horizontal
*	12908.5	31.1	17.2	48.3	68.2	-19.9	Peak	Horizontal
	7477.0	33.8	10.8	44.6	74.0	-29.4	Peak	Vertical
	8250.5	32.2	10.2	42.4	74.0	-31.6	Peak	Vertical
*	10367.0	33.6	14.9	48.5	68.2	-19.7	Peak	Vertical
*	12908.5	30.4	17.2	47.6	68.2	-20.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	33.3	10.9	44.2	74.0	-29.8	Peak	Horizontal
	8250.5	33.3	10.2	43.5	74.0	-30.5	Peak	Horizontal
*	10443.5	32.3	14.6	46.9	68.2	-21.3	Peak	Horizontal
*	13121.0	31.6	17.2	48.8	68.2	-19.4	Peak	Horizontal
	7426.0	33.7	10.7	44.4	74.0	-29.6	Peak	Vertical
	8369.5	33.5	10.2	43.7	74.0	-30.3	Peak	Vertical
*	10290.5	32.3	14.7	47.0	68.2	-21.2	Peak	Vertical
*	13121.0	30.4	18.0	48.4	68.2	-19.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	34.0	10.8	44.8	74.0	-29.2	Peak	Horizontal
	8369.5	32.3	10.2	42.5	74.0	-31.5	Peak	Horizontal
*	10078.0	32.6	13.4	46.0	68.2	-22.2	Peak	Horizontal
*	13027.5	30.7	17.5	48.2	68.2	-20.0	Peak	Horizontal
	7604.5	32.1	10.8	42.9	74.0	-31.1	Peak	Vertical
	8437.5	34.5	10.6	45.1	74.0	-28.9	Peak	Vertical
*	10307.5	33.0	14.7	47.7	68.2	-20.5	Peak	Vertical
*	13027.5	30.7	17.5	48.2	68.2	-20.0	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 0	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	33.0	10.8	43.8	74.0	-30.2	Peak	Horizontal
	8437.5	32.7	10.6	43.3	74.0	-30.7	Peak	Horizontal
*	10273.5	32.0	14.4	46.4	68.2	-21.8	Peak	Horizontal
*	12857.5	30.7	16.8	47.5	68.2	-20.7	Peak	Horizontal
	7477.0	34.0	10.8	44.8	74.0	-29.2	Peak	Vertical
	8276.0	32.5	10.1	42.6	74.0	-31.4	Peak	Vertical
*	10222.5	32.8	14.3	47.1	68.2	-21.1	Peak	Vertical
*	12857.5	30.5	16.8	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.9	10.8	43.7	74.0	-30.3	Peak	Horizontal
	8276.0	31.9	10.1	42.0	74.0	-32.0	Peak	Horizontal
*	10554.0	32.0	15.3	47.3	68.2	-20.9	Peak	Horizontal
*	13070.0	32.6	17.9	50.5	68.2	-17.7	Peak	Horizontal
	10622.0	34.3	15.5	49.8	74.0	-24.2	Peak	Vertical
	15930.0	40.7	16.9	57.6	74.0	-16.4	Peak	Vertical
	15930.0	29.0	17.0	46.0	54.0	-8.0	Average	Vertical
*	16427.5	32.8	18.1	50.9	68.2	-17.3	Peak	Vertical
*	16810.0	32.2	20.1	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	32.5	10.7	43.2	74.0	-30.8	Peak	Horizontal
	8386.5	32.6	10.4	43.0	74.0	-31.0	Peak	Horizontal
*	10231.0	33.2	14.4	47.6	68.2	-20.6	Peak	Horizontal
*	13129.5	30.6	17.7	48.3	68.2	-19.9	Peak	Horizontal
	7468.5	34.0	11.0	45.0	74.0	-29.0	Peak	Vertical
	8131.5	33.4	10.7	44.1	74.0	-29.9	Peak	Vertical
*	10443.5	32.7	14.6	47.3	68.2	-20.9	Peak	Vertical
*	13129.5	30.0	17.7	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	31.9	10.7	42.6	74.0	-31.4	Peak	Horizontal
	8131.5	32.6	10.7	43.3	74.0	-30.7	Peak	Horizontal
*	10282.0	32.1	14.6	46.7	68.2	-21.5	Peak	Horizontal
*	13019.0	32.9	17.7	50.6	68.2	-17.6	Peak	Horizontal
	7604.5	32.9	10.8	43.7	74.0	-30.3	Peak	Vertical
	11021.5	35.2	16.5	51.7	74.0	-22.3	Peak	Vertical
*	13155.0	30.5	18.1	48.6	68.2	-19.6	Peak	Vertical
*	13852.0	31.0	20.0	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.3	10.8	44.1	74.0	-29.9	Peak	Horizontal
	11217.0	33.7	16.9	50.6	74.0	-23.4	Peak	Horizontal
*	13010.5	31.0	17.6	48.6	68.2	-19.6	Peak	Horizontal
*	16830.0	38.7	20.8	59.5	68.2	-8.7	Peak	Horizontal
	7477.0	27.4	20.7	48.1	74.0	-25.9	Peak	Vertical
	11220.0	37.7	16.9	54.6	74.0	-19.4	Peak	Vertical
	11220.0	26.8	16.9	43.7	54.0	-10.3	Average	Vertical
*	13597.0	30.8	18.9	49.7	68.2	-18.5	Peak	Vertical
*	16827.0	38.9	20.8	59.7	68.2	-8.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.4	10.8	44.2	74.0	-29.8	Peak	Horizontal
	8267.5	31.6	10.3	41.9	74.0	-32.1	Peak	Horizontal
*	10571.0	31.6	15.4	47.0	68.2	-21.2	Peak	Horizontal
*	13129.5	30.1	17.7	47.8	68.2	-20.4	Peak	Horizontal
	7434.5	32.8	10.7	43.5	74.0	-30.5	Peak	Vertical
	8208.0	31.5	10.3	41.8	74.0	-32.2	Peak	Vertical
*	10545.5	32.4	15.3	47.7	68.2	-20.5	Peak	Vertical
*	13129.5	30.8	17.7	48.5	68.2	-19.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	34.0	10.6	44.6	74.0	-29.4	Peak	Horizontal
	11506.0	33.4	17.5	50.9	74.0	-23.1	Peak	Horizontal
*	13733.0	30.9	19.1	50.0	68.2	-18.2	Peak	Horizontal
*	17252.0	34.9	22.0	56.9	68.2	-11.3	Peak	Horizontal
	7477.0	33.9	10.8	44.7	74.0	-29.3	Peak	Vertical
	11509.9	39.5	17.5	57.0	74.0	-17.0	Peak	Vertical
	11509.9	27.2	17.5	44.7	54.0	-9.3	Average	Vertical
*	13138.0	31.2	17.6	48.8	68.2	-19.4	Peak	Vertical
*	17269.0	37.1	21.8	58.9	68.2	-9.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.3	10.8	44.1	74.0	-29.9	Peak	Horizontal
	11591.0	34.5	16.9	51.4	74.0	-22.6	Peak	Horizontal
*	14812.5	31.6	20.4	52.0	68.2	-16.2	Peak	Horizontal
*	17379.5	36.0	23.2	59.2	68.2	-9.0	Peak	Horizontal
	7502.5	32.0	11.0	43.0	74.0	-31.0	Peak	Vertical
	11589.3	38.0	17.0	55.0	74.0	-19.0	Peak	Vertical
	11589.3	27.3	17.0	44.3	54.0	-9.7	Average	Vertical
*	14812.5	31.5	20.4	51.9	68.2	-16.3	Peak	Vertical
*	17379.5	38.6	23.2	61.8	68.2	-6.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.7	11.0	42.7	74.0	-31.3	Peak	Horizontal
	8318.5	32.3	10.3	42.6	74.0	-31.4	Peak	Horizontal
*	10358.5	31.7	14.9	46.6	68.2	-21.6	Peak	Horizontal
*	13010.5	30.4	17.6	48.0	68.2	-20.2	Peak	Horizontal
	7638.5	32.6	10.5	43.1	74.0	-30.9	Peak	Vertical
	11669.0	38.3	17.6	55.9	74.0	-18.1	Peak	Vertical
	11669.0	26.9	17.6	44.5	54.0	-9.5	Average	Vertical
*	13010.5	30.6	17.6	48.2	68.2	-20.0	Peak	Vertical
*	14311.0	30.2	20.3	50.5	68.2	-17.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	32.6	10.7	43.3	74.0	-30.7	Peak	Horizontal
	8318.5	32.2	10.3	42.5	74.0	-31.5	Peak	Horizontal
*	10375.5	45.9	14.9	60.8	68.2	-7.4	Peak	Horizontal
*	13010.5	31.2	17.6	48.8	68.2	-19.4	Peak	Horizontal
	7383.5	31.8	10.7	42.5	74.0	-31.5	Peak	Vertical
	8131.5	32.3	10.7	43.0	74.0	-31.0	Peak	Vertical
*	10384.0	42.1	14.9	57.0	68.2	-11.2	Peak	Vertical
*	12891.5	29.9	17.2	47.1	68.2	-21.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.5	10.8	43.3	74.0	-30.7	Peak	Horizontal
	8327.0	33.0	10.3	43.3	74.0	-30.7	Peak	Horizontal
*	10460.5	43.7	14.8	58.5	68.2	-9.7	Peak	Horizontal
*	13129.5	31.4	17.7	49.1	68.2	-19.1	Peak	Horizontal
	11914.0	9.0	39.3	48.3	74.0	-25.7	Peak	Vertical
	15691.4	37.8	16.9	54.7	74.0	-19.3	Peak	Vertical
	15691.4	24.2	16.9	41.1	54.0	-12.9	Average	Vertical
*	6958.5	53.7	8.9	62.6	68.2	-5.6	Peak	Vertical
*	10460.5	40.8	14.8	55.6	68.2	-12.6	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	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11846.0	30.2	16.5	46.7	74.0	-27.3	Peak	Horizontal
	15752.3	37.8	16.9	54.7	74.0	-19.3	Peak	Horizontal
	15752.3	24.4	16.9	41.3	54.0	-12.7	Average	Horizontal
*	6984.0	52.9	9.1	62.0	68.2	-6.2	Peak	Horizontal
*	10503.0	39.8	15.0	54.8	68.2	-13.4	Peak	Horizontal
	11582.5	30.8	17.2	48.0	74.0	-26.0	Peak	Vertical
	15744.3	39.1	17.3	56.4	74.0	-17.6	Peak	Vertical
	15744.3	26.5	17.3	43.8	54.0	-10.2	Average	Vertical
*	6984.0	52.9	9.1	62.0	68.2	-6.2	Peak	Vertical
*	10494.5	38.1	14.8	52.9	68.2	-15.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10545.5	38.0	15.3	53.3	68.2	-14.9	Peak	Horizontal
	11582.5	30.4	17.2	47.6	68.2	-20.6	Peak	Horizontal
*	11880.0	31.3	16.4	47.7	74.0	-26.3	Peak	Horizontal
*	15810.0	37.9	16.4	54.3	74.0	-19.7	Peak	Horizontal
	15810.0	24.2	16.4	40.6	54.0	-13.4	Average	Horizontal
	7009.5	51.3	9.5	60.8	68.2	-7.4	Peak	Vertical
	10537.0	35.8	15.3	51.1	68.2	-17.1	Peak	Vertical
*	11582.5	30.9	17.2	48.1	74.0	-25.9	Peak	Vertical
*	15820.0	41.9	16.5	58.4	74.0	-15.6	Peak	Vertical
	15820.0	28.5	16.5	45.0	54.0	-9.0	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10610.0	34.0	15.5	49.5	74.0	-24.5	Peak	Horizontal
	10610.0	24.2	15.5	39.7	54.0	-14.3	Average	Horizontal
	15929.4	41.6	17.0	58.6	74.0	-15.4	Peak	Horizontal
	15929.4	30.6	17.0	47.6	54.0	-6.4	Average	Horizontal
*	16444.5	32.5	18.2	50.7	68.2	-17.5	Peak	Horizontal
*	16844.0	32.5	20.0	52.5	68.2	-15.7	Peak	Horizontal
	10613.0	34.6	15.5	50.1	74.0	-23.9	Peak	Vertical
	10613.0	24.3	15.5	39.8	54.0	-14.2	Average	Vertical
	15930.4	43.2	17.0	60.2	74.0	-13.8	Peak	Vertical
	15930.4	33.2	17.0	50.2	54.0	-3.8	Average	Vertical
*	16427.5	32.1	18.1	50.2	68.2	-18.0	Peak	Vertical
*	16852.5	31.8	20.2	52.0	68.2	-16.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11480.5	29.8	17.0	46.8	74.0	-27.2	Peak	Horizontal
	15991.9	41.6	17.0	58.6	74.0	-15.4	Peak	Horizontal
	15991.9	30.9	17.0	47.9	54.0	-6.1	Average	Horizontal
*	7094.5	43.9	10.1	54.0	68.2	-14.2	Peak	Horizontal
*	8735.0	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
	11123.5	30.4	16.6	47.0	74.0	-27.0	Peak	Vertical
	15989.9	43.2	16.9	60.1	74.0	-13.9	Peak	Vertical
	15989.9	31.5	16.9	48.4	54.0	-5.6	Average	Vertical
*	7094.5	45.4	10.1	55.5	68.2	-12.7	Peak	Vertical
*	8692.5	31.7	11.3	43.0	68.2	-25.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11020.9	36.4	16.5	52.9	74.0	-21.1	Peak	Horizontal
	11020.9	22.8	16.5	39.3	54.0	-14.7	Average	Horizontal
	11591.0	30.6	16.9	47.5	74.0	-26.5	Peak	Horizontal
*	13656.5	32.0	19.1	51.1	68.2	-17.1	Peak	Horizontal
*	16529.5	40.6	18.9	59.5	68.2	-8.7	Peak	Horizontal
	11018.2	39.1	16.4	55.5	74.0	-18.5	Peak	Vertical
	11018.2	25.3	16.4	41.7	54.0	-12.3	Average	Vertical
	11582.5	30.8	17.2	48.0	74.0	-26.0	Peak	Vertical
*	14880.5	31.6	20.4	52.0	68.2	-16.2	Peak	Vertical
*	16512.5	44.9	18.5	63.4	68.2	-4.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11219.7	43.4	16.9	60.3	74.0	-13.7	Peak	Horizontal
	11219.7	30.5	16.9	47.4	54.0	-6.6	Average	Horizontal
	11948.0	31.4	16.4	47.8	74.0	-26.2	Peak	Horizontal
*	14880.5	30.9	20.4	51.3	68.2	-16.9	Peak	Horizontal
*	16827.0	40.3	20.8	61.1	68.2	-7.1	Peak	Horizontal
	11219.0	43.3	16.9	60.2	74.0	-13.8	Peak	Vertical
	11219.0	31.2	16.9	48.1	54.0	-5.9	Average	Vertical
	11948.0	30.2	16.4	46.6	74.0	-27.4	Peak	Vertical
*	14855.0	30.2	20.2	50.4	68.2	-17.8	Peak	Vertical
*	16827.0	46.0	20.8	66.8	68.2	-1.4	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:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8225.0	33.0	10.3	43.3	74.0	-30.7	Peak	Horizontal
	11420.0	39.0	17.2	56.2	74.0	-17.8	Peak	Horizontal
	11420.0	26.0	17.2	43.2	54.0	-10.8	Average	Horizontal
*	7154.0	33.5	10.5	44.0	68.2	-24.2	Peak	Horizontal
*	13580.0	30.6	18.9	49.5	68.2	-18.7	Peak	Horizontal
	11420.0	39.6	17.2	56.8	74.0	-17.2	Peak	Vertical
	11420.0	25.6	17.2	42.8	54.0	-11.2	Average	Vertical
	11786.5	30.0	16.4	46.4	74.0	-27.6	Peak	Vertical
*	14889.0	30.9	20.4	51.3	68.2	-16.9	Peak	Vertical
*	17133.0	35.3	21.7	57.0	68.2	-11.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9355.5	32.3	12.7	45.0	74.0	-29.0	Peak	Horizontal
	11505.0	44.6	17.4	62.0	74.0	-12.0	Peak	Horizontal
	11505.0	30.5	17.4	47.9	54.0	-6.1	Average	Horizontal
*	13605.5	30.8	19.0	49.8	68.2	-18.4	Peak	Horizontal
*	15152.5	31.2	18.7	49.9	68.2	-18.3	Peak	Horizontal
	11508.5	42.4	17.5	59.9	74.0	-14.1	Peak	Vertical
	11508.5	31.6	17.5	49.1	54.0	-4.9	Average	Vertical
	11803.5	29.9	16.6	46.5	74.0	-27.5	Peak	Vertical
*	16274.5	31.7	17.9	49.6	68.2	-18.6	Peak	Vertical
*	17260.5	37.7	21.7	59.4	68.2	-8.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11590.0	42.1	17.0	59.1	74.0	-14.9	Peak	Horizontal
	11590.0	29.2	17.0	46.2	54.0	-7.8	Average	Horizontal
	11948.0	30.4	16.4	46.8	74.0	-27.2	Peak	Horizontal
*	16427.5	32.2	18.1	50.3	68.2	-17.9	Peak	Horizontal
*	17379.5	34.2	23.2	57.4	68.2	-10.8	Peak	Horizontal
	11589.5	41.5	17.0	58.5	74.0	-15.5	Peak	Vertical
	11589.5	28.2	17.0	45.2	54.0	-8.8	Average	Vertical
	12016.0	31.0	17.2	48.2	74.0	-25.8	Peak	Vertical
*	15127.0	32.5	18.5	51.0	68.2	-17.2	Peak	Vertical
*	17379.5	35.2	23.2	58.4	68.2	-9.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11666.0	39.8	17.6	57.4	74.0	-16.6	Peak	Horizontal
	11666.0	25.5	17.6	43.1	54.0	-10.9	Average	Horizontal
	12381.5	30.6	16.7	47.3	74.0	-26.7	Peak	Horizontal
*	8735.0	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
*	8998.5	37.6	11.6	49.2	68.2	-19.0	Peak	Horizontal
	10639.0	31.1	15.6	46.7	74.0	-27.3	Peak	Vertical
	11668.3	41.6	17.6	59.2	74.0	-14.8	Average	Vertical
	11668.3	29.0	17.6	46.6	54.0	-7.4	Peak	Vertical
*	12883.0	30.9	17.3	48.2	68.2	-20.0	Peak	Vertical
*	13631.0	31.6	18.8	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11633.5	30.8	17.4	48.2	74.0	-25.8	Peak	Horizontal
	12619.5	31.5	16.0	47.5	74.0	-26.5	Peak	Horizontal
*	6907.5	29.5	35.1	64.6	68.2	-3.6	Peak	Horizontal
*	10384.0	42.9	14.9	57.8	68.2	-10.4	Peak	Horizontal
	11140.5	30.4	16.9	47.3	74.0	-26.7	Peak	Vertical
	12296.5	30.5	16.2	46.7	74.0	-27.3	Peak	Vertical
*	6907.5	57.0	8.4	65.4	68.2	-2.8	Peak	Vertical
*	10367.0	42.3	14.9	57.2	68.2	-11.0	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 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11480.5	30.2	17.1	47.3	74.0	-26.7	Peak	Horizontal
	12381.5	30.4	16.7	47.1	74.0	-26.9	Peak	Horizontal
*	6958.5	53.0	8.9	61.9	68.2	-6.3	Peak	Horizontal
*	10460.5	41.0	14.8	55.8	68.2	-12.4	Peak	Horizontal
	11786.5	30.1	16.4	46.5	74.0	-27.5	Peak	Vertical
	15688.0	36.5	16.8	53.3	74.0	-20.7	Peak	Vertical
*	6958.5	54.3	8.9	63.2	68.2	-5.0	Peak	Vertical
*	10452.0	40.5	14.8	55.3	68.2	-12.9	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 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11276.5	30.5	16.8	47.3	74.0	-26.7	Peak	Horizontal
	15747.5	34.8	17.2	52.0	74.0	-22.0	Peak	Horizontal
*	6984.0	50.3	9.1	59.4	68.2	-8.8	Peak	Horizontal
*	10503.0	37.3	15.0	52.3	68.2	-15.9	Peak	Horizontal
	11531.5	30.4	17.2	47.6	74.0	-26.4	Peak	Vertical
	15749.6	38.3	17.1	55.4	74.0	-18.6	Peak	Vertical
	15749.6	26.9	17.1	44.0	54.0	-10.0	Average	Vertical
*	6984.0	51.1	14.8	65.9	68.2	-2.3	Peak	Vertical
*	10494.5	36.4	14.8	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11591.0	31.0	16.9	47.9	74.0	-26.1	Peak	Horizontal
	15808.2	35.6	16.5	52.1	74.0	-21.9	Peak	Horizontal
	15808.2	24.2	16.5	40.7	54.0	-13.3	Average	Horizontal
*	7009.5	47.5	9.5	57.0	68.2	-11.2	Peak	Horizontal
*	10528.5	35.0	15.3	50.3	68.2	-17.9	Peak	Horizontal
	12109.5	10.6	39.3	49.9	74.0	-24.1	Peak	Vertical
	15812.9	39.9	16.2	56.1	74.0	-17.9	Peak	Vertical
	15812.9	27.2	16.2	43.4	54.0	-10.6	Average	Vertical
*	7018.0	22.3	35.6	57.9	68.2	-10.3	Peak	Vertical
*	10537.0	37.0	15.3	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10605.0	34.1	15.5	49.6	74.0	-24.4	Peak	Horizontal
	15932.4	40.6	17.0	57.6	74.0	-16.4	Peak	Horizontal
	15932.4	28.8	17.0	45.8	54.0	-8.2	Average	Horizontal
*	16317.0	32.3	18.2	50.5	68.2	-17.7	Peak	Horizontal
*	16572.0	32.4	18.8	51.2	68.2	-17.0	Peak	Horizontal
	10621.2	35.9	15.5	51.4	74.0	-22.6	Peak	Vertical
	10621.2	24.5	15.5	40.0	54.0	-14.0	Average	Vertical
	15931.8	41.6	17.0	58.6	74.0	-15.4	Peak	Vertical
	15931.8	30.0	17.0	47.0	54.0	-7.0	Average	Vertical
*	7876.5	35.0	10.5	45.5	68.2	-22.7	Peak	Vertical
*	8692.5	34.0	11.3	45.3	68.2	-22.9	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 0 + 1	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8335.5	33.5	10.2	43.7	74.0	-30.3	Peak	Horizontal
	11115.0	30.1	16.5	46.6	74.0	-27.4	Peak	Horizontal
*	13027.5	30.5	17.5	48.0	68.2	-20.2	Peak	Horizontal
*	13843.5	30.6	20.1	50.7	68.2	-17.5	Peak	Horizontal
	8097.5	33.3	10.8	44.1	74.0	-29.9	Peak	Vertical
	11404.0	31.1	17.2	48.3	74.0	-25.7	Peak	Vertical
*	12959.5	29.8	17.4	47.2	68.2	-21.0	Peak	Vertical
*	13843.5	30.7	20.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11030.0	35.0	16.7	51.7	74.0	-22.3	Peak	Horizontal
	12279.5	30.7	16.5	47.2	74.0	-26.8	Peak	Horizontal
*	14387.5	29.9	20.7	50.6	68.2	-17.6	Peak	Horizontal
*	16529.5	38.9	18.9	57.8	68.2	-10.4	Peak	Horizontal
	11021.5	36.3	16.5	52.8	74.0	-21.2	Peak	Vertical
	12322.0	31.0	16.6	47.6	74.0	-26.4	Peak	Vertical
*	15161.0	31.5	18.7	50.2	68.2	-18.0	Peak	Vertical
*	16529.5	40.4	18.9	59.3	68.2	-8.9	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 0 + 1	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11218.9	41.3	16.9	58.2	74.0	-15.8	Peak	Horizontal
	11218.9	28.7	16.9	45.6	54.0	-8.4	Average	Horizontal
	11905.5	31.3	16.4	47.7	74.0	-26.3	Peak	Horizontal
*	15110.0	32.6	18.1	50.7	68.2	-17.5	Peak	Horizontal
*	16827.0	40.6	20.8	61.4	68.2	-6.8	Peak	Horizontal
	11218.3	40.6	16.9	57.5	74.0	-16.5	Peak	Vertical
	11218.3	29.2	16.9	46.1	54.0	-7.9	Average	Vertical
	12126.5	31.2	17.0	48.2	74.0	-25.8	Peak	Vertical
*	15169.5	32.6	18.6	51.2	68.2	-17.0	Peak	Vertical
*	16835.5	40.4	20.4	60.8	68.2	-7.4	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 0 + 1	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11421.0	34.5	17.1	51.6	74.0	-22.4	Peak	Horizontal
	12415.5	30.1	16.6	46.7	74.0	-27.3	Peak	Horizontal
*	15288.5	31.9	18.4	50.3	68.2	-17.9	Peak	Horizontal
*	16495.5	32.7	18.4	51.1	68.2	-17.1	Peak	Horizontal
	10681.5	32.0	15.6	47.6	74.0	-26.4	Peak	Vertical
	11421.0	33.9	17.1	51.0	74.0	-23.0	Peak	Vertical
*	15050.5	32.7	18.6	51.3	68.2	-16.9	Peak	Vertical
*	16495.5	32.8	18.4	51.2	68.2	-17.0	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 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10681.5	31.3	15.6	46.9	74.0	-27.1	Peak	Horizontal
	11510.1	39.1	17.4	56.5	74.0	-17.5	Peak	Horizontal
	11510.1	27.4	17.4	44.8	54.0	-9.2	Average	Horizontal
*	15016.5	31.8	18.9	50.7	68.2	-17.5	Peak	Horizontal
*	16572.0	32.8	18.8	51.6	68.2	-16.6	Peak	Horizontal
	10826.0	31.2	16.3	47.5	74.0	-26.5	Peak	Vertical
	11509.3	39.7	17.5	57.2	74.0	-16.8	Peak	Vertical
	11509.3	28.6	17.5	46.1	54.0	-7.9	Average	Vertical
*	8718	33.8	11.4	45.2	68.2	-23.0	Peak	Vertical
*	17269.0	35.2	21.8	57.0	68.2	-11.2	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 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10826.0	31.4	16.3	47.7	74.0	-26.3	Peak	Horizontal
	11589.9	38.0	17.0	55.0	74.0	-19.0	Peak	Horizontal
	11589.9	26.5	17.0	43.5	54.0	-10.5	Average	Horizontal
*	14957.0	31.9	19.3	51.2	68.2	-17.0	Peak	Horizontal
*	17388.0	34.0	23.3	57.3	68.2	-10.9	Peak	Horizontal
	10715.5	30.9	15.6	46.5	74.0	-27.5	Peak	Vertical
	11589.8	37.8	16.9	54.7	74.0	-19.3	Peak	Vertical
	11589.8	26.7	17.0	43.7	54.0	-10.3	Average	Vertical
*	15135.5	32.2	18.6	50.8	68.2	-17.4	Peak	Vertical
*	17379.5	34.5	23.2	57.7	68.2	-10.5	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 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	10936.5	31.7	16.4	48.1	74.0	-25.9	Peak	Horizontal
	11670.2	37.6	17.6	55.2	74.0	-18.8	Peak	Horizontal
	11670.2	25.3	17.6	42.9	54.0	-11.1	Average	Horizontal
*	14880.5	31.1	20.4	51.5	68.2	-16.7	Peak	Horizontal
*	16436.0	32.6	18.3	50.9	68.2	-17.3	Peak	Horizontal
	10826.0	30.1	16.3	46.4	74.0	-27.6	Peak	Vertical
	11669.4	38.2	17.6	55.8	74.0	-18.2	Peak	Vertical
	11669.4	23.8	17.6	41.4	54.0	-12.6	Average	Vertical
*	15093.0	32.2	18.7	50.9	68.2	-17.3	Peak	Vertical
*	16495.5	33.4	18.4	51.8	68.2	-16.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9313.0	31.9	12.7	44.6	74.0	-29.4	Peak	Horizontal
	10664.5	31.1	15.6	46.7	74.0	-27.3	Peak	Horizontal
*	15152.5	31.7	18.7	50.4	68.2	-17.8	Peak	Horizontal
*	16495.5	33.1	18.4	51.5	68.2	-16.7	Peak	Horizontal
	8395.0	32.3	10.4	42.7	74.0	-31.3	Peak	Vertical
	10834.5	31.4	16.1	47.5	74.0	-26.5	Peak	Vertical
*	15152.5	31.7	18.7	50.4	68.2	-17.8	Peak	Vertical
*	16538.0	32.8	19.1	51.9	68.2	-16.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8267.5	33.2	10.3	43.5	74.0	-30.5	Peak	Horizontal
	9313.0	31.8	12.7	44.5	74.0	-29.5	Peak	Horizontal
*	10460.5	40.9	14.8	55.7	68.2	-12.5	Peak	Horizontal
*	14855.0	30.8	20.2	51.0	68.2	-17.2	Peak	Horizontal
	11582.5	30.8	17.2	48.0	74.0	-26.0	Peak	Vertical
	15688.0	34.4	16.8	51.2	74.0	-22.8	Peak	Vertical
*	6975.5	52.0	9.0	61.0	68.2	-7.2	Peak	Vertical
*	10460.5	38.0	14.8	52.8	68.2	-15.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	11982.0	30.9	16.8	47.7	74.0	-26.3	Peak	Horizontal
	15832.5	36.0	16.8	52.8	74.0	-21.2	Peak	Horizontal
*	7026.5	46.9	9.4	56.3	68.2	-11.9	Peak	Horizontal
*	10537.0	34.2	15.3	49.5	68.2	-18.7	Peak	Horizontal
	11752.5	30.2	16.8	47.0	74.0	-27.0	Peak	Vertical
	15818.2	38.1	16.4	54.5	74.0	-19.5	Peak	Vertical
	15818.2	25.4	16.4	41.8	54.0	-12.2	Average	Vertical
*	7026.5	48.9	9.4	58.3	68.2	-9.9	Peak	Vertical
*	10528.5	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8386.5	32.5	10.4	42.9	74.0	-31.1	Peak	Horizontal
	11429.5	31.3	17.0	48.3	74.0	-25.7	Peak	Horizontal
*	14965.5	32.4	19.7	52.1	68.2	-16.1	Peak	Horizontal
*	16376.5	32.4	18.3	50.7	68.2	-17.5	Peak	Horizontal
	8131.5	32.8	10.7	43.5	74.0	-30.5	Peak	Vertical
	11404.0	30.7	17.2	47.9	74.0	-26.1	Peak	Vertical
*	14914.5	31.0	19.8	50.8	68.2	-17.4	Peak	Vertical
*	16580.5	32.6	19.2	51.8	68.2	-16.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	32.9	10.4	43.3	74.0	-30.7	Peak	Horizontal
	11438.0	30.2	17.0	47.2	74.0	-26.8	Peak	Horizontal
*	15127.0	32.6	18.5	51.1	68.2	-17.1	Peak	Horizontal
*	16317.0	33.4	18.2	51.6	68.2	-16.6	Peak	Horizontal
	8463.0	32.6	10.4	43.0	74.0	-31.0	Peak	Vertical
	11642.0	30.5	17.4	47.9	74.0	-26.1	Peak	Vertical
*	14965.5	32.7	19.7	52.4	68.2	-15.8	Peak	Vertical
*	16317.0	32.0	18.2	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8463.0	33.0	10.4	43.4	74.0	-30.6	Peak	Horizontal
	11180.6	38.7	16.7	55.4	74.0	-18.6	Peak	Horizontal
	11180.6	25.5	16.7	42.2	54.0	-11.8	Average	Horizontal
*	15229.0	32.0	18.6	50.6	68.2	-17.6	Peak	Horizontal
*	16750.5	38.4	19.8	58.2	68.2	-10.0	Peak	Horizontal
	8420.5	33.7	10.4	44.1	74.0	-29.9	Peak	Vertical
	11180.6	39.0	16.7	55.7	74.0	-18.3	Peak	Vertical
	11180.6	26.1	16.7	42.8	54.0	-11.2	Average	Vertical
*	15229.0	32.2	18.6	50.8	68.2	-17.4	Peak	Vertical
*	16767.5	40.5	20.2	60.7	68.2	-7.5	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 0 + 1	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8420.5	32.6	10.4	43.0	74.0	-31.0	Peak	Horizontal
	11336.0	37.0	16.9	53.9	74.0	-20.1	Peak	Horizontal
*	15084.5	33.0	18.6	51.6	68.2	-16.6	Peak	Horizontal
*	17014.0	34.9	21.1	56.0	68.2	-12.2	Peak	Horizontal
	8276.0	41.4	10.1	51.5	74.0	-22.5	Peak	Vertical
	11337.0	39.2	17.0	56.2	74.0	-17.8	Peak	Vertical
	11337.0	24.4	17.0	41.4	54.0	-12.6	Average	Vertical
*	15084.5	31.5	18.6	50.1	68.2	-18.1	Peak	Vertical
*	17005.5	35.8	21.0	56.8	68.2	-11.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	33.2	10.1	43.3	74.0	-30.7	Peak	Horizontal
	11511.9	38.5	17.4	55.9	74.0	-18.1	Peak	Horizontal
	11511.9	25.3	17.4	42.7	54.0	-11.3	Average	Horizontal
*	15237.5	33.7	18.6	52.3	68.2	-15.9	Peak	Horizontal
*	16597.5	32.5	19.3	51.8	68.2	-16.4	Peak	Horizontal
	8429.0	32.6	10.6	43.2	74.0	-30.8	Peak	Vertical
	11510.1	38.4	17.4	55.8	74.0	-18.2	Peak	Vertical
	11510.1	25.7	17.4	43.1	54.0	-10.9	Average	Vertical
*	15144.0	32.9	18.7	51.6	68.2	-16.6	Peak	Vertical
*	16597.5	33.5	19.3	52.8	68.2	-15.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8429.0	33.2	10.6	43.8	74.0	-30.2	Peak	Horizontal
	11591.0	36.6	16.9	53.5	74.0	-20.5	Peak	Horizontal
*	15101.5	31.6	18.4	50.0	68.2	-18.2	Peak	Horizontal
*	17371.0	33.2	23.1	56.3	68.2	-11.9	Peak	Horizontal
	8293.0	33.1	10.2	43.3	74.0	-30.7	Peak	Vertical
	11582.5	36.1	17.2	53.3	74.0	-20.7	Peak	Vertical
*	15101.5	31.7	18.4	50.1	68.2	-18.1	Peak	Vertical
*	17354.0	34.1	22.7	56.8	68.2	-11.4	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)

Panel Antenna

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6907.5	41.2	8.4	49.6	68.2	-18.6	Peak	Horizontal
*	8641.5	32.2	11.1	43.3	68.2	-24.9	Peak	Horizontal
	11336.0	30.1	16.9	47.0	74.0	-27.0	Peak	Horizontal
	15540.6	38.4	17.4	55.8	74.0	-18.2	Peak	Horizontal
	15540.6	25.0	17.4	42.4	54.0	-11.6	Average	Horizontal
*	6907.5	52.4	8.4	60.8	68.2	-7.4	Peak	Vertical
*	7910.5	32.9	10.6	43.5	68.2	-24.7	Peak	Vertical
	11854.5	30.8	16.6	47.4	74.0	-26.6	Peak	Vertical
	15539.0	36.8	17.4	54.2	74.0	-19.8	Peak	Vertical
	15539.0	24.0	17.4	41.4	54.0	-12.6	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6958.5	38.0	8.9	46.9	68.2	-21.3	Peak	Horizontal
*	10435.0	38.7	14.6	53.3	68.2	-14.9	Peak	Horizontal
	13376.0	30.9	19.1	50.0	74.0	-24.0	Peak	Horizontal
	15501.0	32.7	17.6	50.3	74.0	-23.7	Peak	Horizontal
*	6958.5	49.1	8.9	58.0	68.2	-10.2	Peak	Vertical
*	9729.5	34.1	12.4	46.5	68.2	-21.7	Peak	Vertical
	11633.5	30.5	17.4	47.9	74.0	-26.1	Peak	Vertical
	15645.5	33.4	17.2	50.6	74.0	-23.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6984.0	37.0	9.1	46.1	68.2	-22.1	Peak	Horizontal
*	10477.5	38.7	14.8	53.5	68.2	-14.7	Peak	Horizontal
	11540.0	31.6	17.3	48.9	74.0	-25.1	Peak	Horizontal
	15501.0	32.3	17.6	49.9	74.0	-24.1	Peak	Horizontal
*	6984.0	46.3	9.1	55.4	68.2	-12.8	Peak	Vertical
*	10477.5	36.2	14.8	51.0	68.2	-17.2	Peak	Vertical
	11455.0	31.2	17.3	48.5	74.0	-25.5	Peak	Vertical
	15662.5	31.9	17.0	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	35.7	9.5	45.2	68.2	-23.0	Peak	Horizontal
*	10520.0	36.2	15.4	51.6	68.2	-16.6	Peak	Horizontal
	11642.0	32.0	17.4	49.4	74.0	-24.6	Peak	Horizontal
	15662.5	33.0	17.0	50.0	74.0	-24.0	Peak	Horizontal
*	7009.5	43.3	9.5	52.8	68.2	-15.4	Peak	Vertical
*	10528.5	36.2	15.3	51.5	68.2	-16.7	Peak	Vertical
	11404.0	31.3	17.2	48.5	74.0	-25.5	Peak	Vertical
	15781.5	34.7	16.5	51.2	74.0	-22.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	33.9	9.4	43.3	68.2	-24.9	Peak	Horizontal
*	8616.0	32.4	11.2	43.6	68.2	-24.6	Peak	Horizontal
	11548.5	30.5	17.5	48.0	74.0	-26.0	Peak	Horizontal
	15900.2	40.6	17.5	58.1	74.0	-15.9	Peak	Horizontal
	15900.2	26.8	17.5	44.3	54.0	-9.7	Average	Horizontal
*	7069.0	38.4	9.9	48.3	68.2	-19.9	Peak	Vertical
*	10596.5	37.8	15.5	53.3	68.2	-14.9	Peak	Vertical
	11497.5	31.0	17.3	48.3	74.0	-25.7	Peak	Vertical
	15905.2	38.6	17.5	56.1	74.0	-17.9	Peak	Vertical
	15905.2	26.9	17.3	44.2	54.0	-9.8	Average	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	32.4	9.9	42.3	68.2	-25.9	Peak	Horizontal
*	8735.0	33.2	11.6	44.8	68.2	-23.4	Peak	Horizontal
	11659.0	31.2	17.5	48.7	74.0	-25.3	Peak	Horizontal
	15951.5	37.4	17.2	54.6	74.0	-19.4	Peak	Horizontal
*	7069.0	33.2	9.9	43.1	68.2	-25.1	Peak	Vertical
*	8735.0	32.2	11.6	43.8	68.2	-24.4	Peak	Vertical
	11327.5	30.2	16.9	47.1	74.0	-26.9	Peak	Vertical
	15960.0	38.3	17.1	55.4	74.0	-18.6	Peak	Vertical
	15960.0	24.5	17.1	41.6	54.0	-12.4	Average	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	32.8	9.5	42.3	68.2	-25.9	Peak	Horizontal
*	8777.5	32.4	11.9	44.3	68.2	-23.9	Peak	Horizontal
	11004.5	34.4	16.5	50.9	74.0	-23.1	Peak	Horizontal
	15560.5	32.2	17.4	49.6	74.0	-24.4	Peak	Horizontal
*	7094.5	32.9	10.1	43.0	68.2	-25.2	Peak	Vertical
*	8650.0	32.7	11.0	43.7	68.2	-24.5	Peak	Vertical
	10987.5	32.8	16.4	49.2	74.0	-24.8	Peak	Vertical
	15594.5	31.9	17.3	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	14294.0	31.8	20.6	52.4	68.2	-15.8	Peak	Horizontal
*	16810.0	38.1	20.1	58.2	68.2	-10.0	Peak	Horizontal
	8191.0	32.1	10.3	42.4	74.0	-31.6	Peak	Horizontal
	11030.0	31.1	16.7	47.8	74.0	-26.2	Peak	Horizontal
*	14880.5	31.2	20.4	51.6	68.2	-16.6	Peak	Vertical
*	16801.5	40.5	20.0	60.5	68.2	-7.7	Peak	Vertical
	11191.5	40.1	16.7	56.8	74.0	-17.2	Peak	Vertical
	11191.5	27.8	16.7	44.5	54.0	-9.5	Average	Vertical
	12220.0	31.4	16.4	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7077.5	32.2	9.9	42.1	68.2	-26.1	Peak	Horizontal
*	8888.0	31.0	11.4	42.4	68.2	-25.8	Peak	Horizontal
	11404.0	35.5	17.2	52.7	74.0	-21.3	Peak	Horizontal
	15824.0	32.5	16.6	49.1	74.0	-24.9	Peak	Horizontal
*	7035.0	33.6	9.5	43.1	68.2	-25.1	Peak	Vertical
*	9262.0	31.8	13.1	44.9	68.2	-23.3	Peak	Vertical
	11387.0	35.9	17.1	53.0	74.0	-21.0	Peak	Vertical
	15560.5	32.0	17.4	49.4	74.0	-24.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	15050.5	32.1	18.6	50.7	68.2	-17.5	Peak	Horizontal
*	17226.5	39.6	22.2	61.8	68.2	-6.4	Peak	Horizontal
	9330.0	32.8	12.9	45.7	74.0	-28.3	Peak	Horizontal
	11489.0	38.8	17.1	55.9	74.0	-18.1	Peak	Horizontal
	11489.0	26.3	17.1	43.4	54.0	-10.6	Average	Horizontal
*	15050.5	31.3	18.6	49.9	68.2	-18.3	Peak	Vertical
*	17235.0	35.0	22.4	57.4	68.2	-10.8	Peak	Vertical
	9406.5	32.8	12.3	45.1	74.0	-28.9	Peak	Vertical
	11489.0	39.2	17.1	56.3	74.0	-17.7	Peak	Vertical
	11489.0	26.8	17.1	43.9	54.0	-10.1	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	14948.5	31.0	19.6	50.6	68.2	-17.6	Peak	Horizontal
*	17354.0	37.2	22.7	59.9	68.2	-8.3	Peak	Horizontal
	9406.5	31.9	12.3	44.2	74.0	-29.8	Peak	Horizontal
	11565.5	35.1	17.6	52.7	74.0	-21.3	Peak	Horizontal
*	14948.5	32.0	19.6	51.6	68.2	-16.6	Peak	Vertical
*	17345.5	36.8	22.8	59.6	68.2	-8.6	Peak	Vertical
	7570.5	32.4	10.8	43.2	74.0	-30.8	Peak	Vertical
	11574.0	37.4	17.4	54.8	74.0	-19.2	Peak	Vertical
	11574.0	24.6	17.4	42.0	54.0	-12.0	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7052.0	33.1	9.8	42.9	68.2	-25.3	Peak	Horizontal
*	8777.5	31.8	11.9	43.7	68.2	-24.5	Peak	Horizontal
	11650.5	34.2	17.4	51.6	74.0	-22.4	Peak	Horizontal
	15560.5	32.5	17.4	49.9	74.0	-24.1	Peak	Horizontal
*	7154.0	33.1	10.5	43.6	68.2	-24.6	Peak	Vertical
*	9857.0	33.4	13.0	46.4	68.2	-21.8	Peak	Vertical
	11650.5	36.6	17.4	54.0	74.0	-20.0	Peak	Vertical
	15560.5	31.1	17.4	48.5	74.0	-25.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6907.5	38.7	8.4	47.1	68.2	-21.1	Peak	Horizontal
*	9857.0	31.5	13.0	44.5	68.2	-23.7	Peak	Horizontal
	11633.5	31.2	17.4	48.6	74.0	-25.4	Peak	Horizontal
	15501.0	32.6	17.6	50.2	74.0	-23.8	Peak	Horizontal
*	6907.5	46.4	8.4	54.8	68.2	-13.4	Peak	Vertical
*	7800.0	33.2	10.3	43.5	68.2	-24.7	Peak	Vertical
	11412.5	30.8	17.2	48.0	74.0	-26.0	Peak	Vertical
	15501.0	31.9	17.6	49.5	74.0	-24.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	6958.5	38.7	8.9	47.6	68.2	-20.6	Peak	Horizontal
	7800.0	32.1	10.3	42.4	68.2	-25.8	Peak	Horizontal
*	11140.5	30.9	16.9	47.8	74.0	-26.2	Peak	Horizontal
*	15637.0	31.9	17.1	49.0	74.0	-25.0	Peak	Horizontal
	6958.5	44.9	8.9	53.8	68.2	-14.4	Peak	Vertical
	8692.5	31.7	11.3	43.0	68.2	-25.2	Peak	Vertical
*	11973.5	30.4	16.9	47.3	74.0	-26.7	Peak	Vertical
*	15637.0	31.8	17.1	48.9	74.0	-25.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6984.0	38.3	9.1	47.4	68.2	-20.8	Peak	Horizontal
*	8692.5	32.0	11.3	43.3	68.2	-24.9	Peak	Horizontal
	11047.0	30.6	16.6	47.2	74.0	-26.8	Peak	Horizontal
	15424.5	31.6	17.7	49.3	74.0	-24.7	Peak	Horizontal
*	6984.0	44.3	9.1	53.4	68.2	-14.8	Peak	Vertical
*	8573.5	33.0	11.0	44.0	68.2	-24.2	Peak	Vertical
	11905.5	31.8	16.4	48.2	74.0	-25.8	Peak	Vertical
	15424.5	31.5	17.7	49.2	74.0	-24.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	37.9	9.5	47.4	68.2	-20.8	Peak	Horizontal
*	8573.5	31.3	11.0	42.3	68.2	-25.9	Peak	Horizontal
	11684.5	30.0	17.3	47.3	74.0	-26.7	Peak	Horizontal
	15492.5	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
*	7009.5	43.7	9.5	53.2	68.2	-15.0	Peak	Vertical
*	8582.0	31.6	11.0	42.6	68.2	-25.6	Peak	Vertical
	11378.5	31.0	17.0	48.0	74.0	-26.0	Peak	Vertical
	15492.5	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	37.4	9.9	47.3	68.2	-20.9	Peak	Horizontal
*	8582.0	31.7	11.0	42.7	68.2	-25.5	Peak	Horizontal
	11276.5	29.5	16.8	46.3	74.0	-27.7	Peak	Horizontal
	15994.0	32.2	17.0	49.2	74.0	-24.8	Peak	Horizontal
*	7069.0	42.5	9.9	52.4	68.2	-15.8	Peak	Vertical
*	8735.0	31.9	11.6	43.5	68.2	-24.7	Peak	Vertical
	11752.5	31.0	16.8	47.8	74.0	-26.2	Peak	Vertical
	15994.0	32.0	17.0	49.0	74.0	-25.0	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	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7094.5	36.2	10.1	46.3	68.2	-21.9	Peak	Horizontal
*	8735.0	32.2	11.6	43.8	68.2	-24.4	Peak	Horizontal
	11251.0	30.7	16.7	47.4	74.0	-26.6	Peak	Horizontal
	15552.0	32.5	17.5	50.0	74.0	-24.0	Peak	Horizontal
*	7094.5	40.6	10.1	50.7	68.2	-17.5	Peak	Vertical
*	8650.0	33.7	11.0	44.7	68.2	-23.5	Peak	Vertical
	11744.0	30.0	16.9	46.9	74.0	-27.1	Peak	Vertical
	15552.0	31.4	17.5	48.9	74.0	-25.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7137.0	32.4	10.4	42.8	68.2	-25.4	Peak	Horizontal
*	8650.0	31.6	11.0	42.6	68.2	-25.6	Peak	Horizontal
	11557.0	30.6	17.7	48.3	74.0	-25.7	Peak	Horizontal
	15696.5	32.8	17.0	49.8	74.0	-24.2	Peak	Horizontal
*	7052.0	33.2	10.4	43.6	68.2	-24.6	Peak	Vertical
*	8692.5	32.2	11.3	43.5	68.2	-24.7	Peak	Vertical
	11633.5	31.0	17.4	48.4	74.0	-25.6	Peak	Vertical
	15696.5	31.3	17.0	48.3	74.0	-25.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7052.0	32.5	9.8	42.3	68.2	-25.9	Peak	Horizontal
	8616.0	31.9	11.2	43.1	68.2	-25.1	Peak	Horizontal
*	11786.5	30.9	16.4	47.3	74.0	-26.7	Peak	Horizontal
*	15569.0	32.3	17.4	49.7	74.0	-24.3	Peak	Horizontal
	7060.5	33.0	9.9	42.9	68.2	-25.3	Peak	Vertical
	8658.5	32.8	11.1	43.9	68.2	-24.3	Peak	Vertical
*	11582.5	30.5	17.2	47.7	74.0	-26.3	Peak	Vertical
*	15569.0	32.1	17.4	49.5	74.0	-24.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7043.5	32.2	9.6	41.8	68.2	-26.4	Peak	Horizontal
*	8658.5	31.9	11.1	43.0	68.2	-25.2	Peak	Horizontal
	11531.5	31.4	17.2	48.6	74.0	-25.4	Peak	Horizontal
	15892.0	31.5	17.5	49.0	74.0	-25.0	Peak	Horizontal
*	7137.0	32.0	10.4	42.4	68.2	-25.8	Peak	Vertical
*	8735.0	31.1	11.6	42.7	68.2	-25.5	Peak	Vertical
	11004.5	30.7	16.5	47.2	74.0	-26.8	Peak	Vertical
	15892.0	31.7	17.5	49.2	74.0	-24.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	32.5	10.5	43.0	68.2	-25.2	Peak	Horizontal
*	8735.0	31.3	11.6	42.9	68.2	-25.3	Peak	Horizontal
	11429.5	31.0	17.0	48.0	74.0	-26.0	Peak	Horizontal
	15628.5	32.3	17.2	49.5	74.0	-24.5	Peak	Horizontal
*	7043.5	32.2	9.6	41.8	68.2	-26.4	Peak	Vertical
*	8896.5	32.2	11.7	43.9	68.2	-24.3	Peak	Vertical
	11786.5	30.5	16.4	46.9	74.0	-27.1	Peak	Vertical
	15628.5	31.4	17.2	48.6	74.0	-25.4	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:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	32.2	9.5	41.7	68.2	-26.5	Peak	Horizontal
*	8896.5	31.4	11.7	43.1	68.2	-25.1	Peak	Horizontal
	11531.5	31.2	17.2	48.4	74.0	-25.6	Peak	Horizontal
	15560.5	32.1	17.4	49.5	74.0	-24.5	Peak	Horizontal
*	7043.5	32.2	9.6	41.8	68.2	-26.4	Peak	Vertical
*	8811.5	30.6	11.7	42.3	68.2	-25.9	Peak	Vertical
	11327.5	30.1	16.9	47.0	74.0	-27.0	Peak	Vertical
	15560.5	32.4	17.4	49.8	74.0	-24.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7043.5	32.2	9.6	41.8	68.2	-26.4	Peak	Horizontal
*	8888.0	31.3	11.4	42.7	68.2	-25.5	Peak	Horizontal
	11242.5	30.4	16.6	47.0	74.0	-27.0	Peak	Horizontal
	15560.5	31.4	17.4	48.8	74.0	-25.2	Peak	Horizontal
*	7018.0	32.0	9.5	41.5	68.2	-26.7	Peak	Vertical
*	8624.5	31.6	11.2	42.8	68.2	-25.4	Peak	Vertical
	11344.5	30.6	17.1	47.7	74.0	-26.3	Peak	Vertical
	15560.5	31.3	17.4	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6907.5	47.6	8.4	56.0	68.2	-12.2	Peak	Horizontal
*	8811.5	33.0	11.7	44.7	68.2	-23.5	Peak	Horizontal
	11149.0	31.7	16.7	48.4	74.0	-25.6	Peak	Horizontal
	15535.0	38.0	17.4	55.4	74.0	-18.6	Peak	Horizontal
	15535.0	25.4	17.4	42.8	54.0	-11.2	Average	Horizontal
*	6907.5	58.2	8.4	66.6	68.2	-1.6	Peak	Vertical
*	8973.0	31.4	11.7	43.1	68.2	-25.1	Peak	Vertical
	11302.0	30.7	16.9	47.6	74.0	-26.4	Peak	Vertical
	15526.5	36.2	17.5	53.7	74.0	-20.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6958.5	44.0	8.9	52.9	68.2	-15.3	Peak	Horizontal
*	10435.0	38.3	14.6	52.9	68.2	-15.3	Peak	Horizontal
	11701.5	30.2	17.1	47.3	74.0	-26.7	Peak	Horizontal
	15594.5	31.8	17.3	49.1	74.0	-24.9	Peak	Horizontal
*	6958.5	55.7	8.9	64.6	68.2	-3.6	Peak	Vertical
*	10452.0	37.5	14.8	52.3	68.2	-15.9	Peak	Vertical
	11922.5	31.2	16.6	47.8	74.0	-26.2	Peak	Vertical
	15654.0	38.2	17.3	55.5	74.0	-18.5	Peak	Vertical
	15654.0	26.4	17.3	43.7	54.0	-10.3	Average	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6984.0	42.5	9.1	51.6	68.2	-16.6	Peak	Horizontal
*	10477.5	36.9	14.8	51.7	68.2	-16.5	Peak	Horizontal
	11922.5	29.5	16.6	46.1	74.0	-27.9	Peak	Horizontal
	15543.5	32.0	17.4	49.4	74.0	-24.6	Peak	Horizontal
*	6984.0	53.9	9.1	63.0	68.2	-5.2	Peak	Vertical
*	10486.0	35.4	14.7	50.1	68.2	-18.1	Peak	Vertical
	11523.0	31.3	17.2	48.5	74.0	-25.5	Peak	Vertical
	15713.5	37.5	16.8	54.3	74.0	-19.7	Peak	Vertical
	15713.5	25.2	16.8	42.0	54.0	-12.0	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7018.0	42.0	9.5	51.5	68.2	-16.7	Peak	Horizontal
*	10528.5	36.3	15.3	51.6	68.2	-16.6	Peak	Horizontal
	11523.0	31.0	17.2	48.2	74.0	-25.8	Peak	Horizontal
	15849.5	34.6	16.4	51.0	74.0	-23.0	Peak	Horizontal
*	7018.0	51.5	9.5	61.0	68.2	-7.2	Peak	Vertical
*	10520.0	37.6	15.4	53.0	68.2	-15.2	Peak	Vertical
	11353.0	30.5	17.2	47.7	74.0	-26.3	Peak	Vertical
	15781.5	38.7	16.5	55.2	74.0	-18.8	Peak	Vertical
	15781.5	25.4	16.5	41.9	54.0	-12.1	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7069.0	40.4	9.9	50.3	68.2	-17.9	Peak	Horizontal
*	10596.5	35.8	15.5	51.3	68.2	-16.9	Peak	Horizontal
	11863.0	30.6	16.6	47.2	74.0	-26.8	Peak	Horizontal
	15900.5	37.3	17.5	54.8	74.0	-19.2	Peak	Horizontal
	15900.5	25.4	17.5	42.9	54.0	-11.1	Average	Horizontal
*	7069.0	48.0	9.9	57.9	68.2	-10.3	Peak	Vertical
*	10596.5	37.9	15.5	53.4	68.2	-14.8	Peak	Vertical
	11752.5	29.7	16.8	46.5	74.0	-27.5	Peak	Vertical
	15892.0	40.4	17.5	57.9	74.0	-16.1	Peak	Vertical
	15892.0	27.8	17.5	45.3	54.0	-8.7	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7094.5	38.2	10.1	48.3	68.2	-19.9	Peak	Horizontal
*	8769.0	31.8	11.8	43.6	68.2	-24.6	Peak	Horizontal
	11752.5	30.3	16.8	47.1	74.0	-26.9	Peak	Horizontal
	15960.0	36.6	17.1	53.7	74.0	-20.3	Peak	Horizontal
*	7094.5	46.1	10.1	56.2	68.2	-12.0	Peak	Vertical
*	8769.0	31.3	11.8	43.1	68.2	-25.1	Peak	Vertical
	11786.5	30.8	16.4	47.2	74.0	-26.8	Peak	Vertical
	15951.5	38.0	17.2	55.2	74.0	-18.8	Peak	Vertical
	15951.5	25.3	17.2	42.5	54.0	-11.5	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7103.0	31.7	10.1	41.8	68.2	-26.4	Peak	Horizontal
*	8735.0	30.9	11.6	42.5	68.2	-25.7	Peak	Horizontal
	11786.5	30.3	16.4	46.7	74.0	-27.3	Peak	Horizontal
	15798.5	31.8	17.1	48.9	74.0	-25.1	Peak	Horizontal
*	7188.0	31.5	10.6	42.1	68.2	-26.1	Peak	Vertical
*	8735.0	31.3	11.6	42.9	68.2	-25.3	Peak	Vertical
	11004.5	34.2	16.5	50.7	74.0	-23.3	Peak	Vertical
	15637.0	32.7	17.1	49.8	74.0	-24.2	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 0 + 1	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	14906.0	30.8	19.9	50.7	68.2	-17.5	Peak	Horizontal
*	16810.0	42.3	20.1	62.4	68.2	-5.8	Peak	Horizontal
	8386.5	31.7	10.4	42.1	74.0	-31.9	Peak	Horizontal
	11183.0	34.6	16.7	51.3	74.0	-22.7	Peak	Horizontal
*	14906.0	30.4	19.9	50.3	68.2	-17.9	Peak	Vertical
*	16810.0	40.4	20.1	60.5	68.2	-7.7	Peak	Vertical
	8395.0	31.6	10.4	42.0	74.0	-32.0	Peak	Vertical
	11200.0	38.5	16.9	55.4	74.0	-18.6	Peak	Vertical
	11200.0	25.4	16.9	42.3	54.0	-11.7	Average	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7137.0	32.2	10.4	42.6	68.2	-25.6	Peak	Horizontal
*	8837.0	31.5	11.6	43.1	68.2	-25.1	Peak	Horizontal
	11489.0	30.5	17.1	47.6	74.0	-26.4	Peak	Horizontal
	15594.5	31.7	17.3	49.0	74.0	-25.0	Peak	Horizontal
*	7077.5	32.7	9.9	42.6	68.2	-25.6	Peak	Vertical
*	8769.0	32.8	11.8	44.6	68.2	-23.6	Peak	Vertical
	11497.5	30.9	17.3	48.2	74.0	-25.8	Peak	Vertical
	15594.5	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	15203.5	31.5	18.8	50.3	68.2	-17.9	Peak	Horizontal
*	17226.5	36.7	22.2	58.9	68.2	-9.3	Peak	Horizontal
	9338.5	31.3	12.6	43.9	74.0	-30.1	Peak	Horizontal
	11489.0	36.5	17.1	53.6	74.0	-20.4	Peak	Horizontal
*	15203.5	32.5	18.8	51.3	68.2	-16.9	Peak	Vertical
*	17235.0	35.3	22.4	57.7	68.2	-10.5	Peak	Vertical
	9092.0	32.6	12.0	44.6	74.0	-29.4	Peak	Vertical
	11497.5	36.4	17.3	53.7	74.0	-20.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	31.9	10.5	42.4	68.2	-25.8	Peak	Horizontal
*	8973.0	31.1	11.7	42.8	68.2	-25.4	Peak	Horizontal
	11684.5	30.1	17.3	47.4	74.0	-26.6	Peak	Horizontal
	15849.5	32.2	17.0	49.2	74.0	-24.8	Peak	Horizontal
*	7043.5	32.3	9.6	41.9	68.2	-26.3	Peak	Vertical
*	8811.5	30.4	11.7	42.1	68.2	-26.1	Peak	Vertical
	11565.5	33.7	17.6	51.3	74.0	-22.7	Peak	Vertical
	15849.5	31.1	17.0	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:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	32.1	10.1	42.2	68.2	-26.0	Peak	Horizontal
*	8769.0	31.4	11.8	43.2	68.2	-25.0	Peak	Horizontal
	11795.0	31.2	16.5	47.7	74.0	-26.3	Peak	Horizontal
	15705.0	32.9	17.1	50.0	74.0	-24.0	Peak	Horizontal
*	7018.0	32.1	9.5	41.6	68.2	-26.6	Peak	Vertical
*	8735.0	31.2	11.6	42.8	68.2	-25.4	Peak	Vertical
	11659.0	32.5	17.5	50.0	74.0	-24.0	Peak	Vertical
	15705.0	33.2	17.1	50.3	74.0	-23.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6924.5	40.2	8.5	48.7	68.2	-19.5	Peak	Horizontal
*	8735.0	32.1	11.6	43.7	68.2	-24.5	Peak	Horizontal
	11344.5	29.5	17.1	46.6	74.0	-27.4	Peak	Horizontal
	15628.5	32.1	17.2	49.3	74.0	-24.7	Peak	Horizontal
*	6924.5	51.0	8.5	59.5	68.2	-8.7	Peak	Vertical
*	8735.0	30.7	11.6	42.3	68.2	-25.9	Peak	Vertical
	11905.5	30.7	16.4	47.1	74.0	-26.9	Peak	Vertical
	15628.5	31.3	17.2	48.5	74.0	-25.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6975.5	43.8	9.0	52.8	68.2	-15.4	Peak	Horizontal
*	10460.5	37.8	14.8	52.6	68.2	-15.6	Peak	Horizontal
	11846.0	30.4	16.5	46.9	74.0	-27.1	Peak	Horizontal
	15577.5	31.3	17.4	48.7	74.0	-25.3	Peak	Horizontal
*	6975.5	55.4	9.0	64.4	68.2	-3.8	Peak	Vertical
*	10460.5	36.5	14.8	51.3	68.2	-16.9	Peak	Vertical
	11744.0	30.1	16.9	47.0	74.0	-27.0	Peak	Vertical
	15577.5	31.2	17.4	48.6	74.0	-25.4	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-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	42.0	9.4	51.4	68.2	-16.8	Peak	Horizontal
*	10545.5	33.8	15.3	49.1	68.2	-19.1	Peak	Horizontal
	11744.0	30.0	16.9	46.9	74.0	-27.1	Peak	Horizontal
	15790.0	32.0	16.9	48.9	74.0	-25.1	Peak	Horizontal
*	7026.5	51.2	9.4	60.6	68.2	-7.6	Peak	Vertical
*	10537.0	37.2	15.3	52.5	68.2	-15.7	Peak	Vertical
	11939.5	31.2	16.4	47.6	74.0	-26.4	Peak	Vertical
	15790.0	33.3	16.9	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7077.5	36.2	9.9	46.1	68.2	-22.1	Peak	Horizontal
*	8905.0	32.0	12.0	44.0	68.2	-24.2	Peak	Horizontal
	11939.5	30.5	16.4	46.9	74.0	-27.1	Peak	Horizontal
	15705.0	31.5	17.1	48.6	74.0	-25.4	Peak	Horizontal
*	7043.5	33.4	9.6	43.0	68.2	-25.2	Peak	Vertical
*	8548.0	31.3	11.0	42.3	68.2	-25.9	Peak	Vertical
	11948.0	31.1	16.4	47.5	74.0	-26.5	Peak	Vertical
	15705.0	32.0	17.1	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7043.5	32.2	9.6	41.8	68.2	-26.4	Peak	Horizontal
*	8837.0	30.5	11.6	42.1	68.2	-26.1	Peak	Horizontal
	11718.5	29.2	17.3	46.5	74.0	-27.5	Peak	Horizontal
	15705.0	31.1	17.1	48.2	74.0	-25.8	Peak	Horizontal
*	7077.5	30.7	9.9	40.6	68.2	-27.6	Peak	Vertical
*	8820.0	31.8	11.7	43.5	68.2	-24.7	Peak	Vertical
	11642.0	29.8	17.4	47.2	74.0	-26.8	Peak	Vertical
	15705.0	31.1	17.1	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:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	14642.5	30.7	20.1	50.8	68.2	-17.4	Peak	Horizontal
*	16776.0	37.5	20.6	58.1	68.2	-10.1	Peak	Horizontal
	11319.0	30.3	17.0	47.3	74.0	-26.7	Peak	Horizontal
	12050.0	32.9	17.1	50.0	74.0	-24.0	Peak	Horizontal
*	14642.5	31.7	20.1	51.8	68.2	-16.4	Peak	Vertical
*	16759.0	37.3	19.7	57.0	68.2	-11.2	Peak	Vertical
	9330.0	32.3	12.9	45.2	74.0	-28.8	Peak	Vertical
	11183.0	35.7	16.7	52.4	74.0	-21.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	32.1	9.4	41.5	68.2	-26.7	Peak	Horizontal
*	8871.0	31.5	11.5	43.0	68.2	-25.2	Peak	Horizontal
	11846.0	29.8	16.5	46.3	74.0	-27.7	Peak	Horizontal
	15654.0	31.9	17.3	49.2	74.0	-24.8	Peak	Horizontal
*	15152.5	32.0	18.7	50.7	68.2	-17.5	Peak	Vertical
*	17014.0	35.0	21.1	56.1	68.2	-12.1	Peak	Vertical
	9381.0	32.7	12.5	45.2	74.0	-28.8	Peak	Vertical
	11344.5	35.2	17.1	52.3	74.0	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	32.3	9.5	41.8	68.2	-26.4	Peak	Horizontal
*	8811.5	30.7	11.7	42.4	68.2	-25.8	Peak	Horizontal
	11523.0	31.1	17.2	48.3	74.0	-25.7	Peak	Horizontal
	15637.0	32.1	17.1	49.2	74.0	-24.8	Peak	Horizontal
*	7043.5	31.9	9.6	41.5	68.2	-26.7	Peak	Vertical
*	8616.0	31.2	11.2	42.4	68.2	-25.8	Peak	Vertical
	11846.0	30.2	16.5	46.7	74.0	-27.3	Peak	Vertical
	15637.0	32.9	17.1	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:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7009.5	31.8	9.5	41.3	68.2	-26.9	Peak	Horizontal
*	8616.0	31.2	11.2	42.4	68.2	-25.8	Peak	Horizontal
	11327.5	30.1	16.9	47.0	74.0	-27.0	Peak	Horizontal
	15892.0	32.0	17.5	49.5	74.0	-24.5	Peak	Horizontal
*	7077.5	32.7	9.9	42.6	68.2	-25.6	Peak	Vertical
*	8735.0	31.8	11.6	43.4	68.2	-24.8	Peak	Vertical
	11463.5	31.7	17.2	48.9	74.0	-25.1	Peak	Vertical
	15892.0	31.4	17.5	48.9	74.0	-25.1	Peak	Vertical

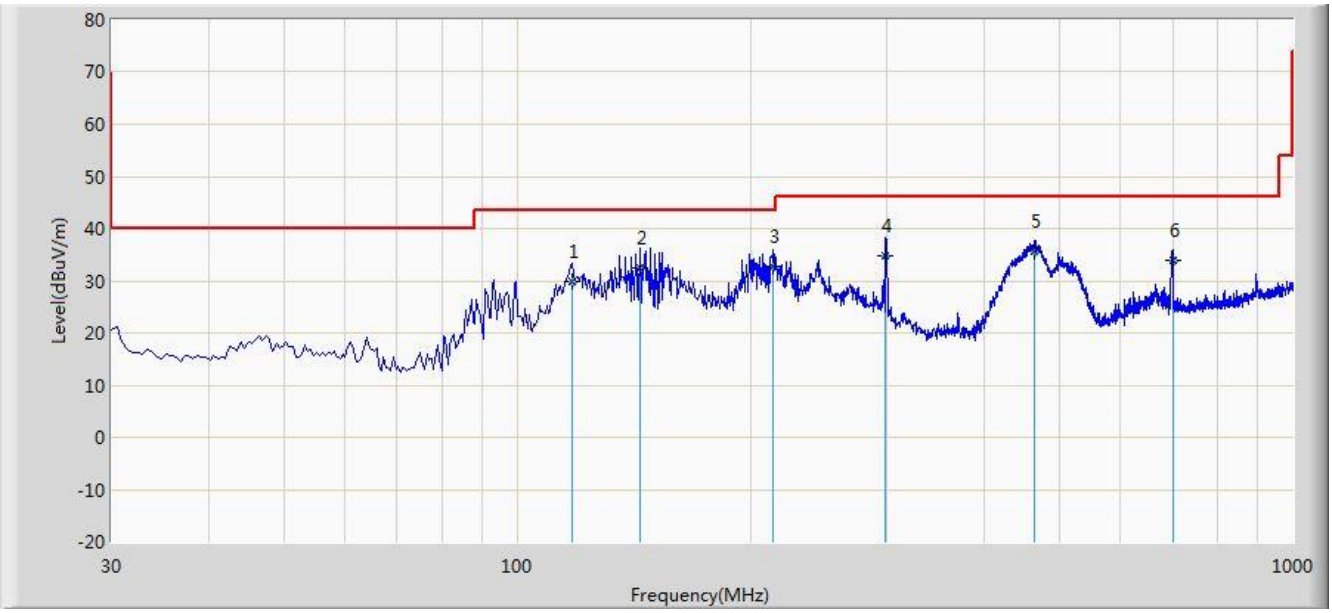
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC 1	Time: 2016/08/26 - 16:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1	

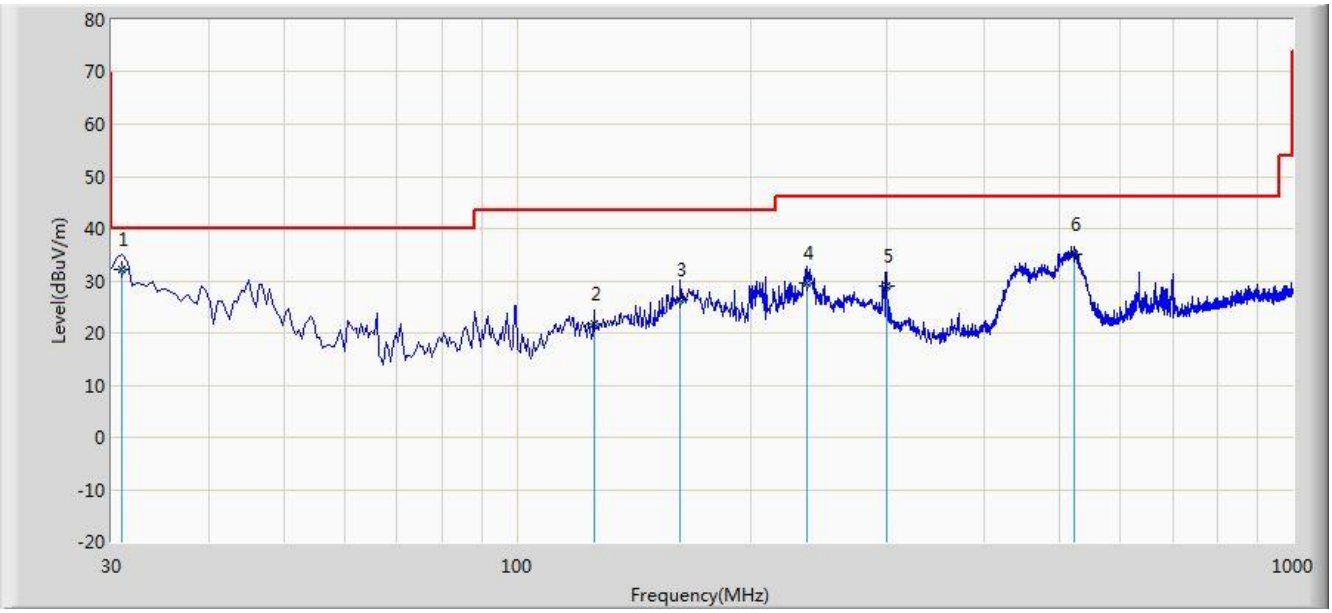


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			117.785	29.917	18.293	-13.583	43.500	11.624	QP
2			143.975	32.549	23.102	-10.951	43.500	9.446	QP
3			213.815	32.813	20.304	-10.687	43.500	12.509	QP
4			298.690	34.653	20.108	-11.347	46.000	14.545	QP
5		*	464.560	35.604	17.932	-10.396	46.000	17.672	QP
6			699.785	33.992	12.399	-12.008	46.000	21.593	QP

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

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

Site: AC 1	Time: 2016/08/26 - 16:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0 + 1 + 2 + 3	

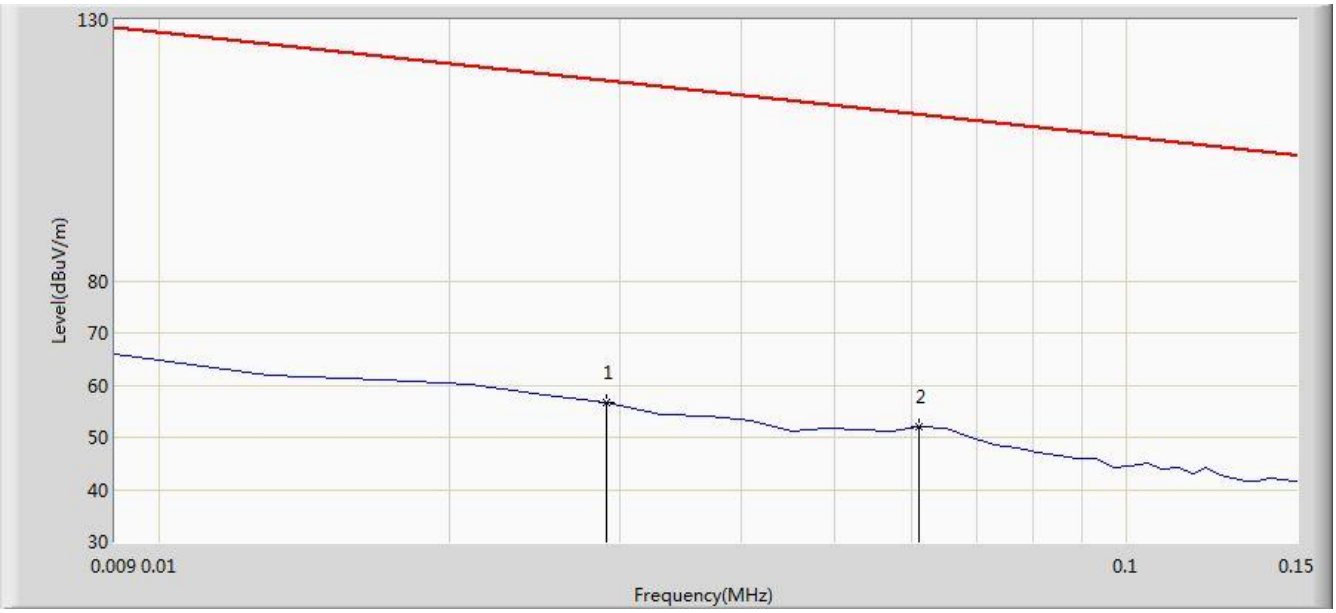


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	30.970	32.075	19.845	-7.925	40.000	12.230	QP
2			125.545	21.700	11.242	-21.800	43.500	10.459	QP
3			162.125	26.280	16.353	-17.220	43.500	9.927	QP
4			236.125	29.601	16.305	-16.399	46.000	13.296	QP
5			300.145	28.872	14.293	-17.128	46.000	14.579	QP
6			523.730	34.986	16.304	-11.014	46.000	18.682	QP

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

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

Site: AC1	Time: 2016/08/25 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

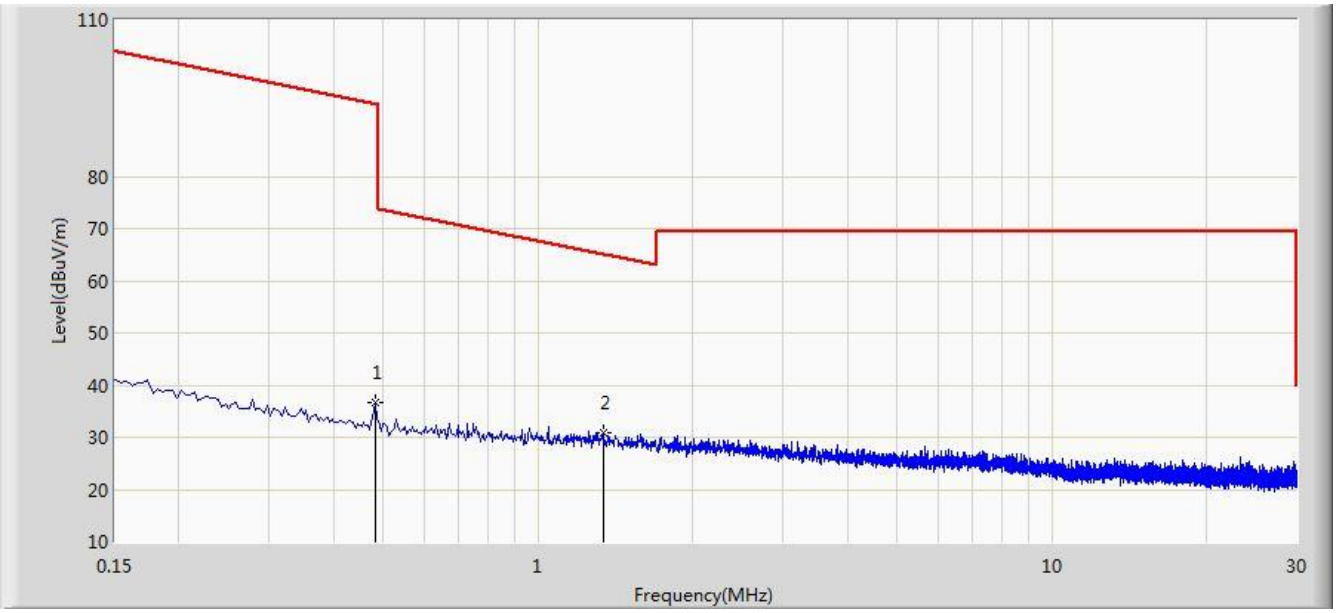


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	PK
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	PK

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

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

Site: AC1	Time: 2016/08/25 - 19:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	



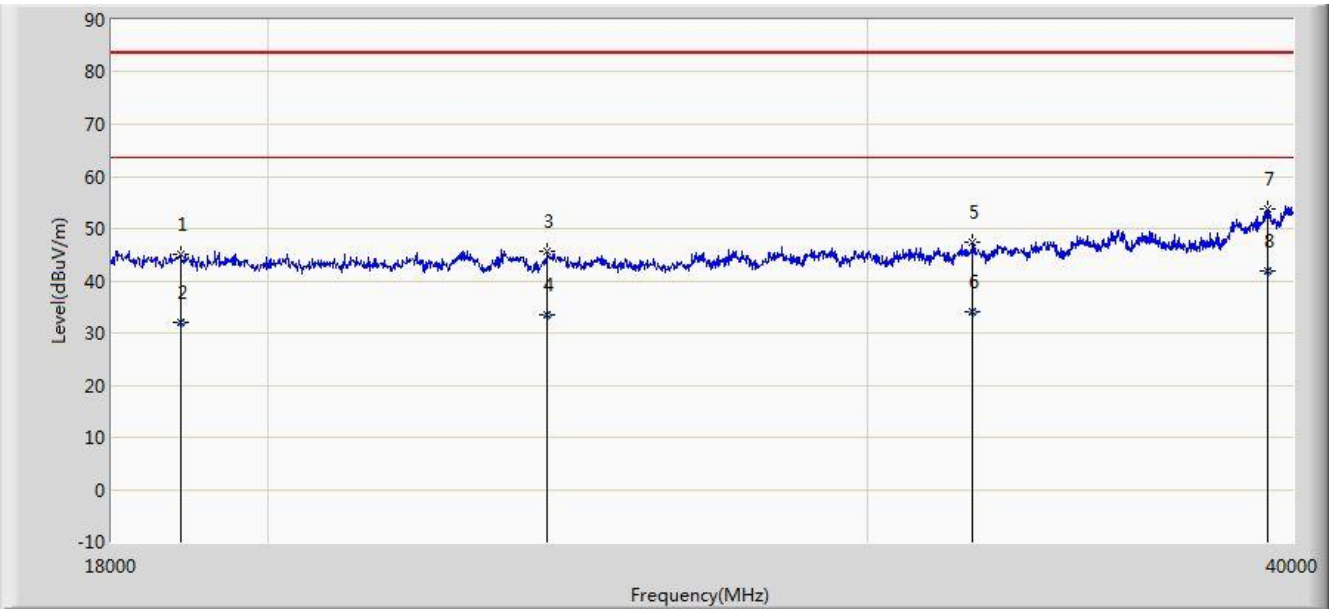
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	PK
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	PK

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

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

Limit@3m = 20*Log(30uV/m) + 20*Log(30m/3m) = 49.5dBμv/m (Average detector), and 69.5dBμv/m (Peak detector).

Site: AC1	Time: 2016/08/26 - 21:25
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

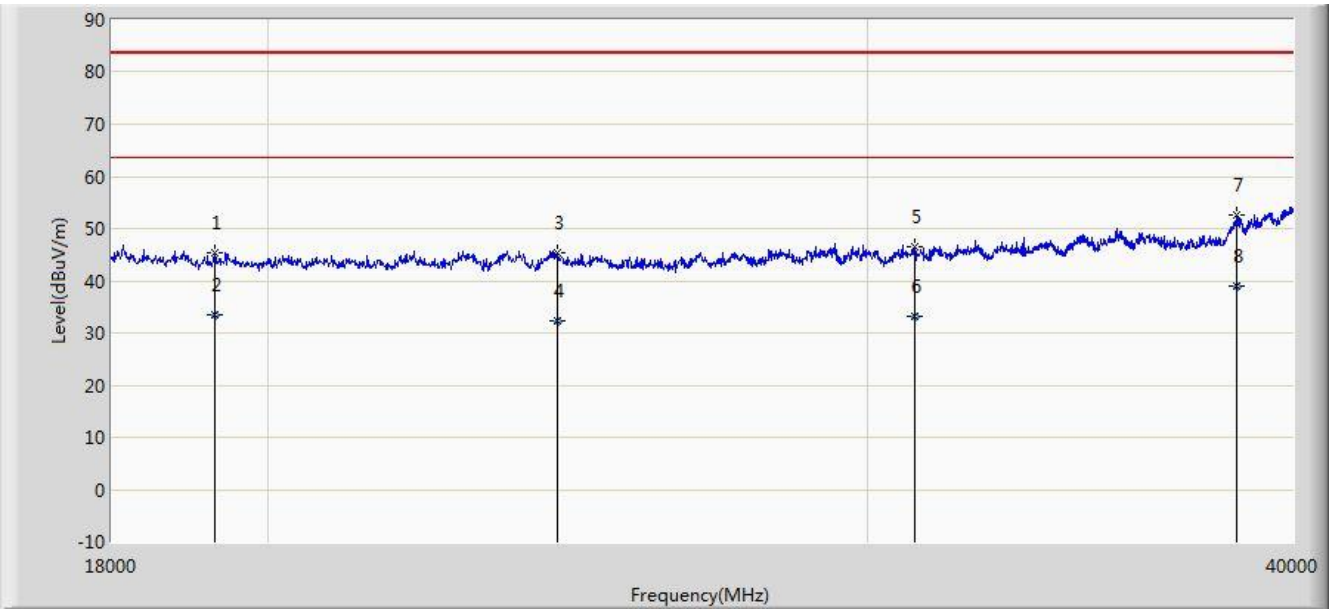


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			18858.000	45.191	36.541	-38.309	83.500	8.650	PK
2			18858.000	32.100	23.450	-31.400	63.500	8.650	AV
3			24171.000	45.675	35.208	-37.825	83.500	10.467	PK
4			24171.000	33.397	22.930	-30.103	63.500	10.467	AV
5			32223.000	47.527	35.659	-35.973	83.500	11.868	PK
6			32223.000	34.038	22.170	-29.462	63.500	11.868	AV
7			39318.000	53.825	36.172	-29.675	83.500	17.653	PK
8		*	39318.000	41.773	24.120	-21.727	63.500	17.653	AV

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: 2016/08/26 - 21:28
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	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			19309.000	45.507	37.286	-37.993	83.500	8.221	PK
2			19309.000	33.541	25.320	-29.959	63.500	8.221	AV
3			24336.000	45.444	34.796	-38.056	83.500	10.649	PK
4			24336.000	32.388	21.740	-31.112	63.500	10.649	AV
5			30991.000	46.616	33.637	-36.884	83.500	12.979	PK
6			30991.000	33.159	20.180	-30.341	63.500	12.979	AV
7			38504.000	52.623	36.736	-30.877	83.500	15.888	PK
8		*	38504.000	39.047	23.160	-24.453	63.500	15.888	AV

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

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

Limit@1m = 20*Log(500uV/m) + 20*Log(3m/1m) = 63.5dBμv/m (Average detector), and 83.5dBμv/m (Peak detector).

7.9. Radiated Restricted Band Edge Measurement

7.9.1. 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 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 shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

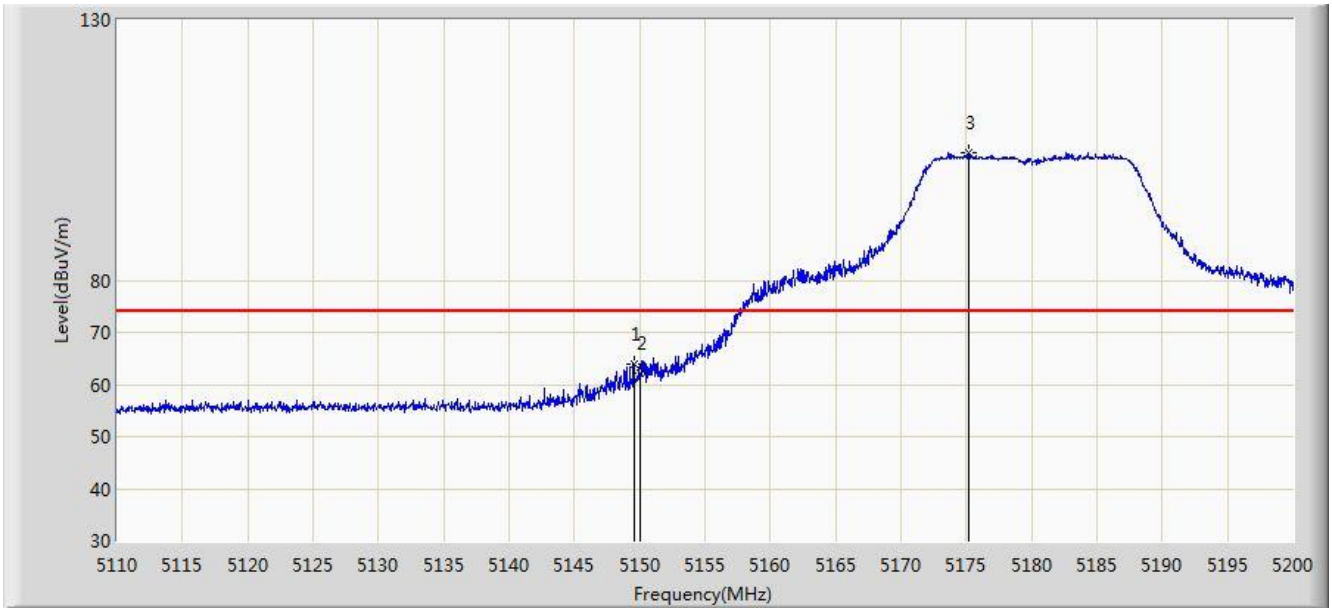
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

7.9.2. Test Result of Radiated Restricted Band Edge

Dipole Antenna

Site: AC2	Time: 2016/08/24 - 17:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

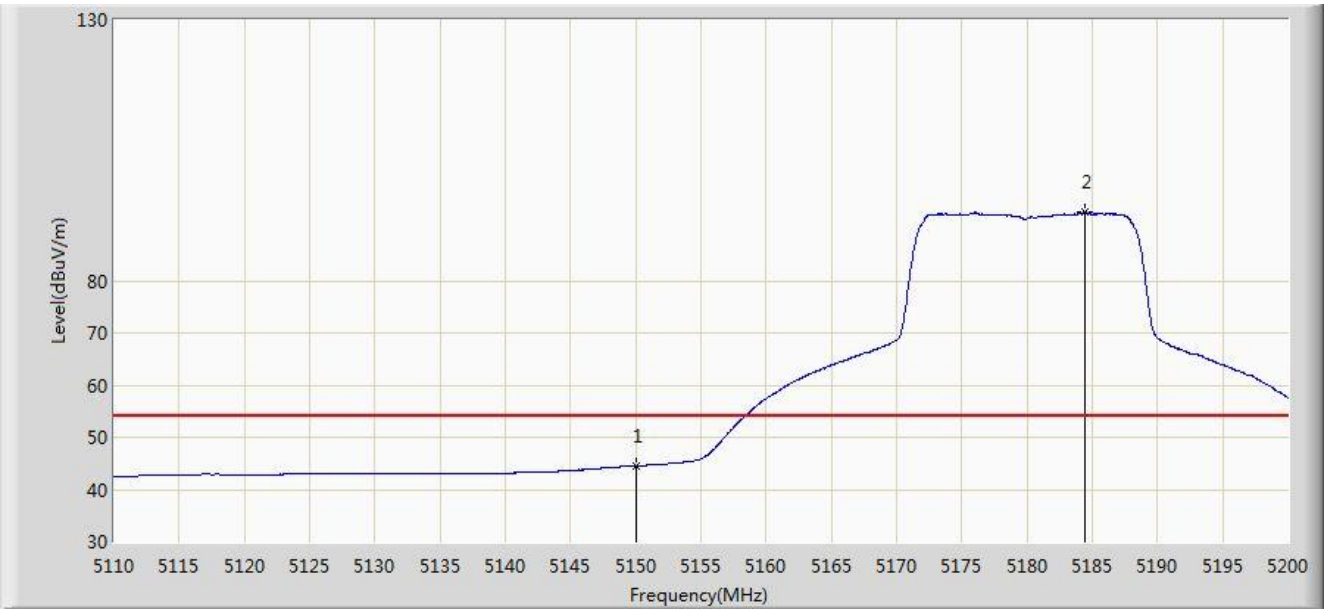


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.555	64.027	60.956	-9.973	74.000	3.071	PK
2			5150.000	62.095	59.025	-11.905	74.000	3.069	PK
3		*	5175.160	104.592	101.568	N/A	N/A	3.025	PK

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

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

Site: AC2	Time: 2016/08/24 - 17:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

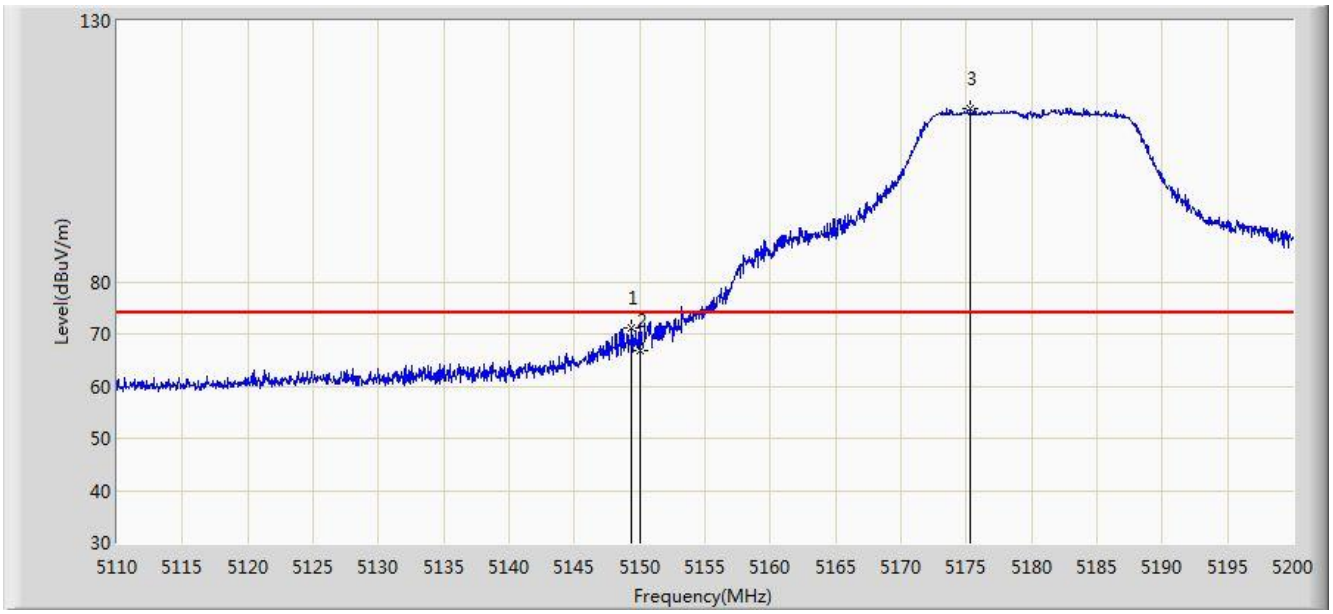


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.482	41.412	-9.518	54.000	3.069	AV
2		*	5184.475	93.163	90.143	N/A	N/A	3.020	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

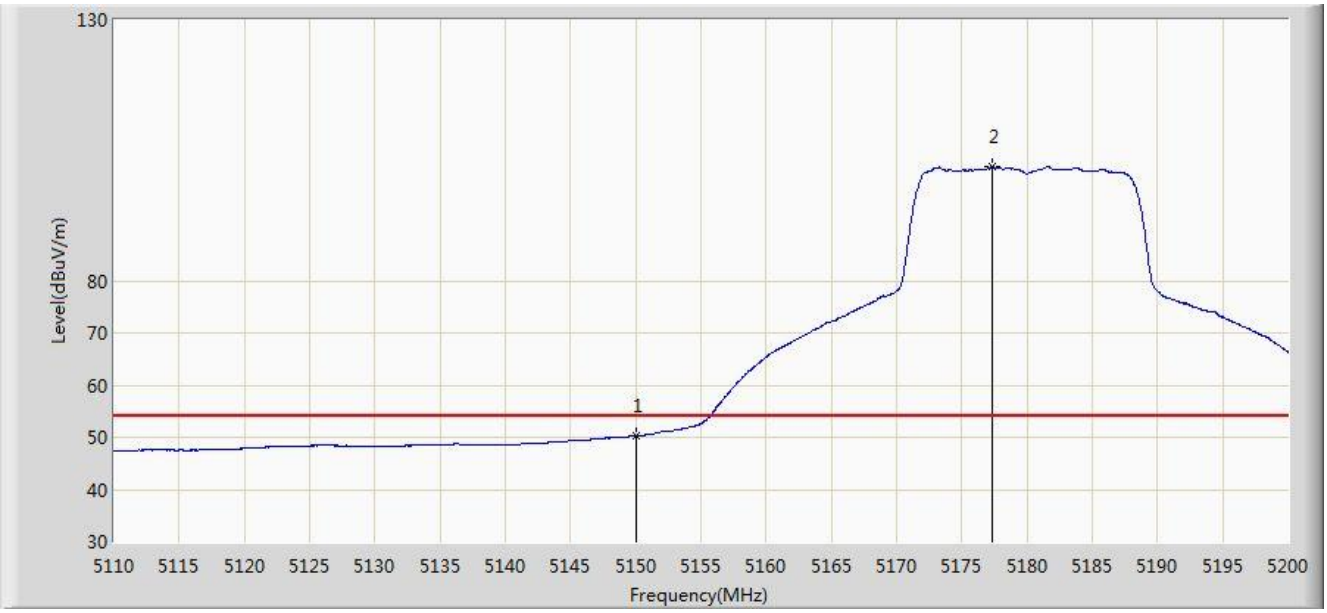


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.375	71.056	67.985	-2.944	74.000	3.071	PK
2			5150.000	66.828	63.758	-7.172	74.000	3.069	PK
3		*	5175.340	113.173	110.148	N/A	N/A	3.024	PK

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

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

Site: AC2	Time: 2016/08/24 - 17:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0	

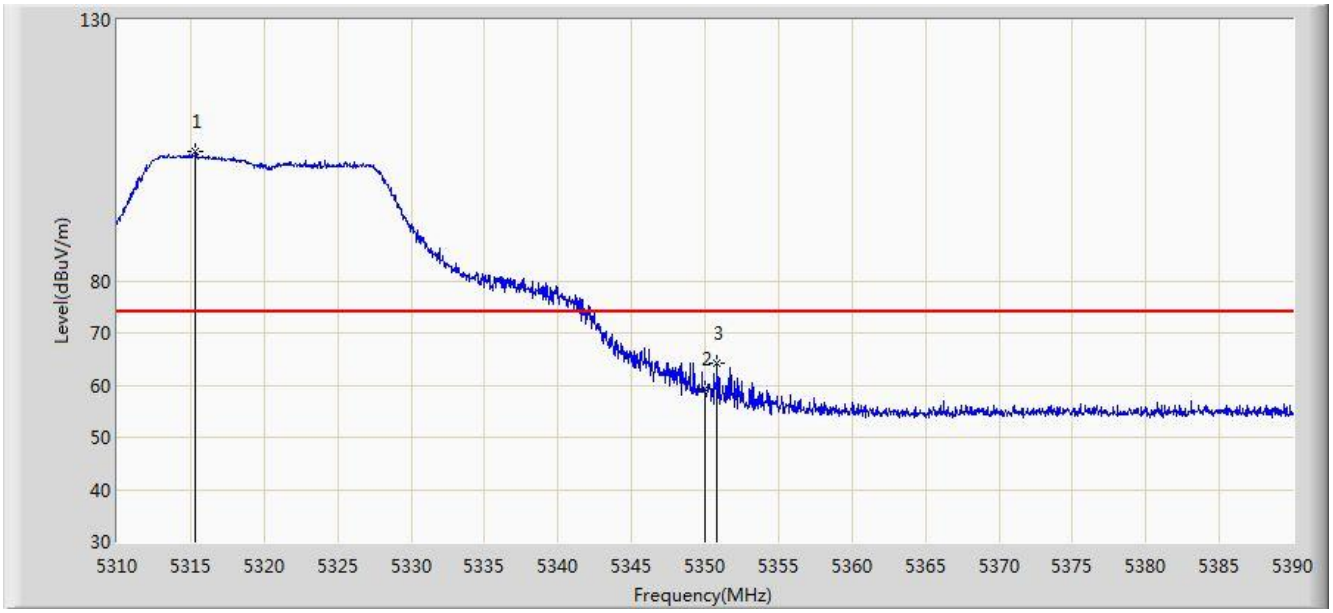


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.250	47.180	-3.750	54.000	3.069	AV
2		*	5177.275	101.848	98.816	N/A	N/A	3.032	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

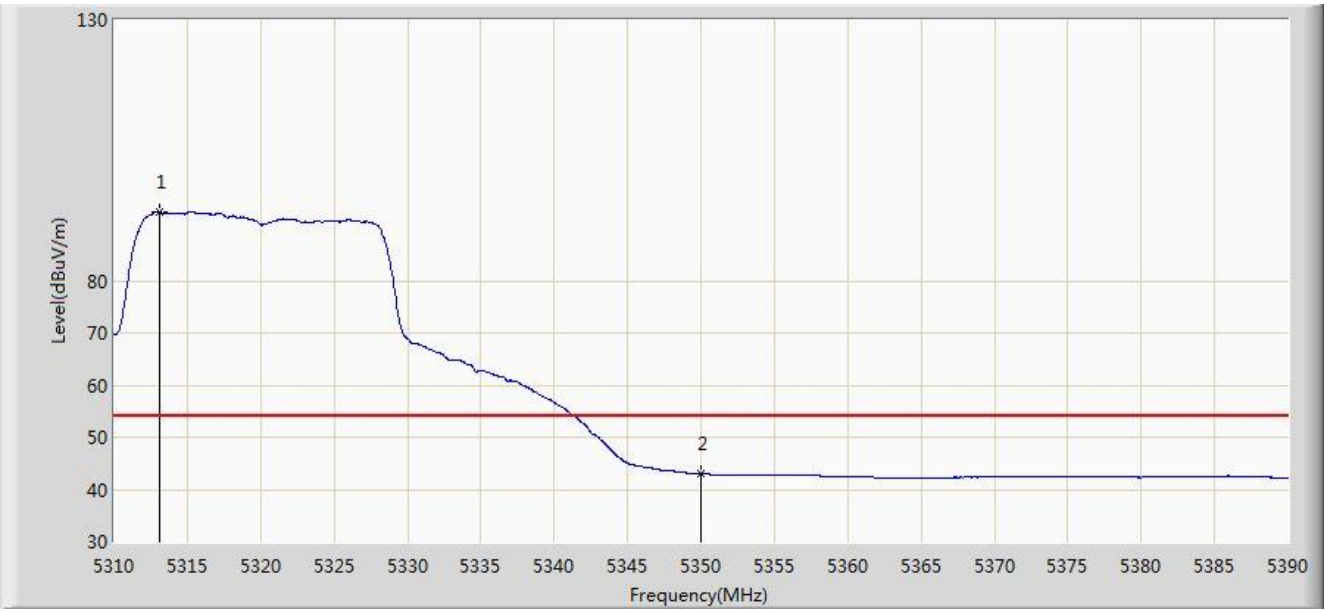


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.360	104.740	102.111	N/A	N/A	2.628	PK
2			5350.000	59.225	56.528	-14.775	74.000	2.697	PK
3			5350.800	64.153	61.453	-9.847	74.000	2.700	PK

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

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

Site: AC2	Time: 2016/08/24 - 17:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

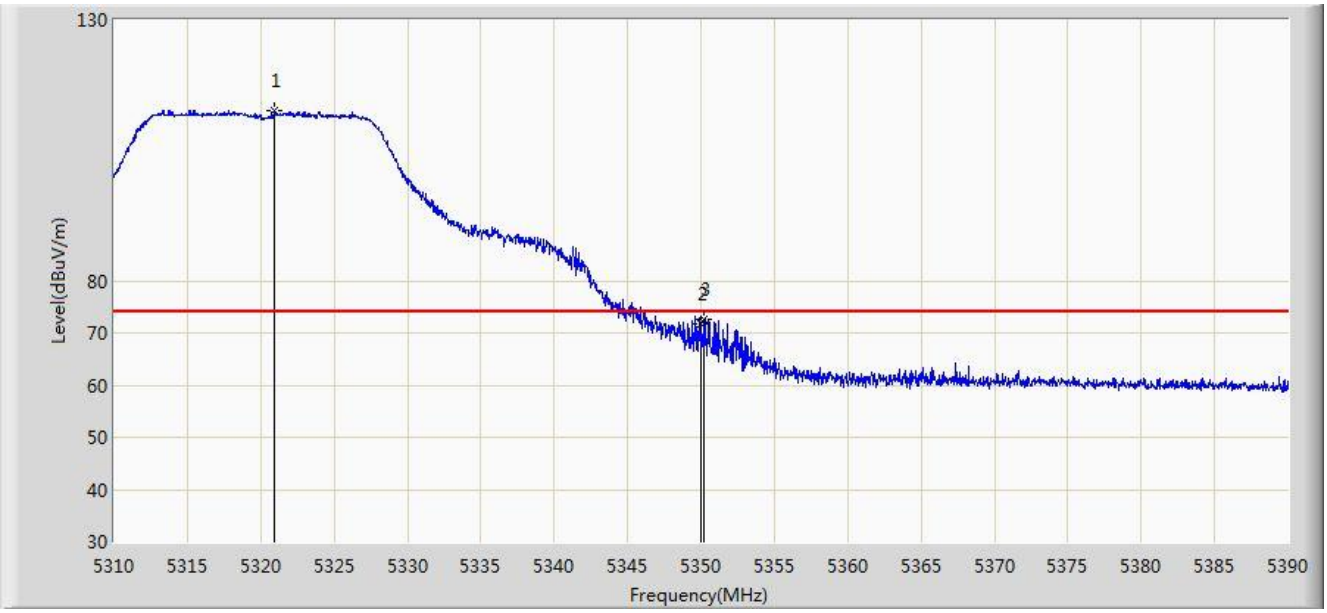


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.080	93.301	90.693	N/A	N/A	2.609	AV
2			5350.000	42.998	40.301	-11.002	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

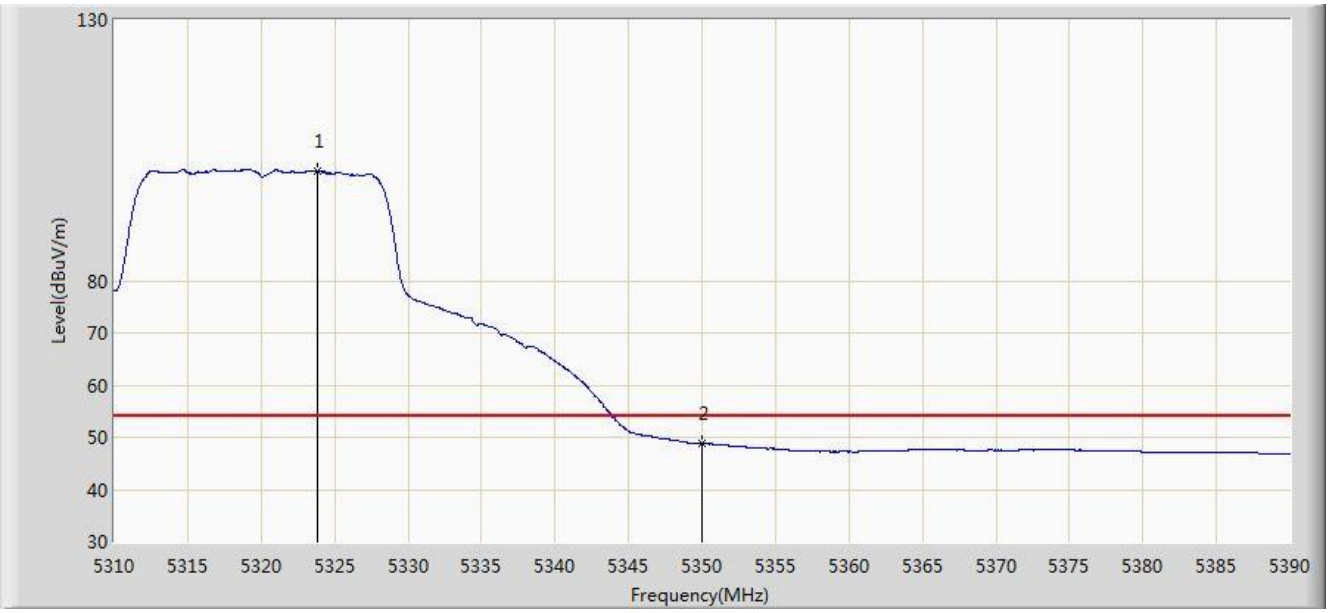


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.960	112.469	109.803	N/A	N/A	2.665	PK
2			5350.000	71.864	69.167	-2.136	74.000	2.697	PK
3			5350.240	72.716	70.018	-1.284	74.000	2.698	PK

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

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

Site: AC2	Time: 2016/08/24 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0	

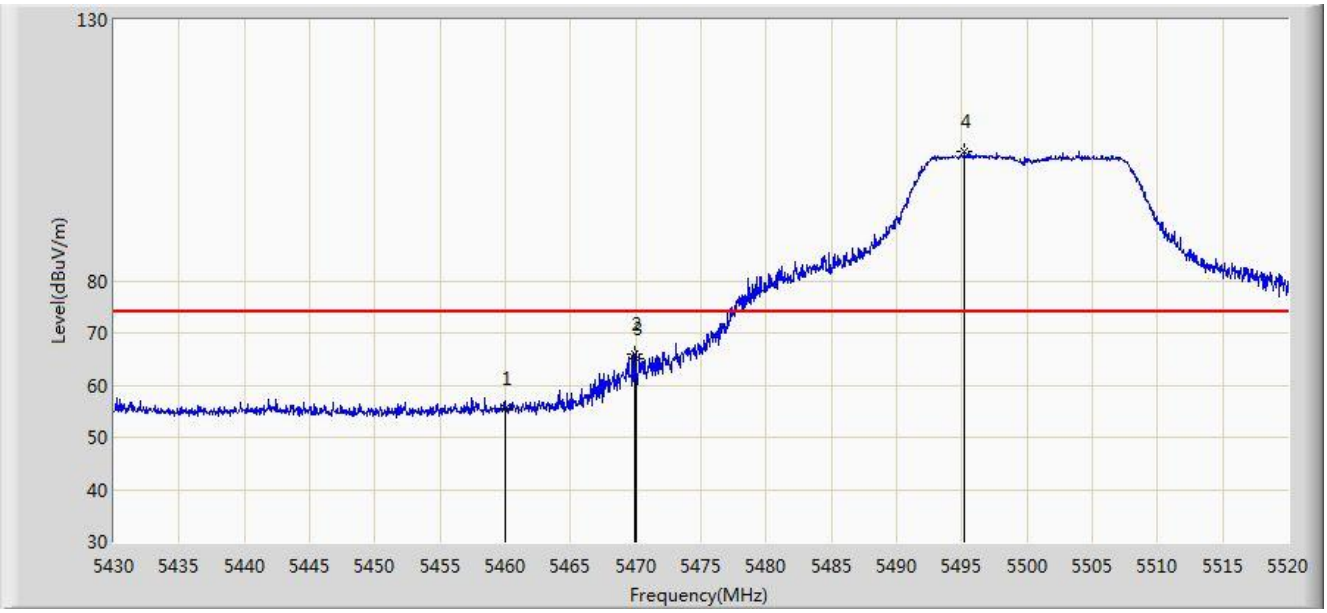


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.880	101.093	98.414	N/A	N/A	2.679	AV
2			5350.000	48.765	46.068	-5.235	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

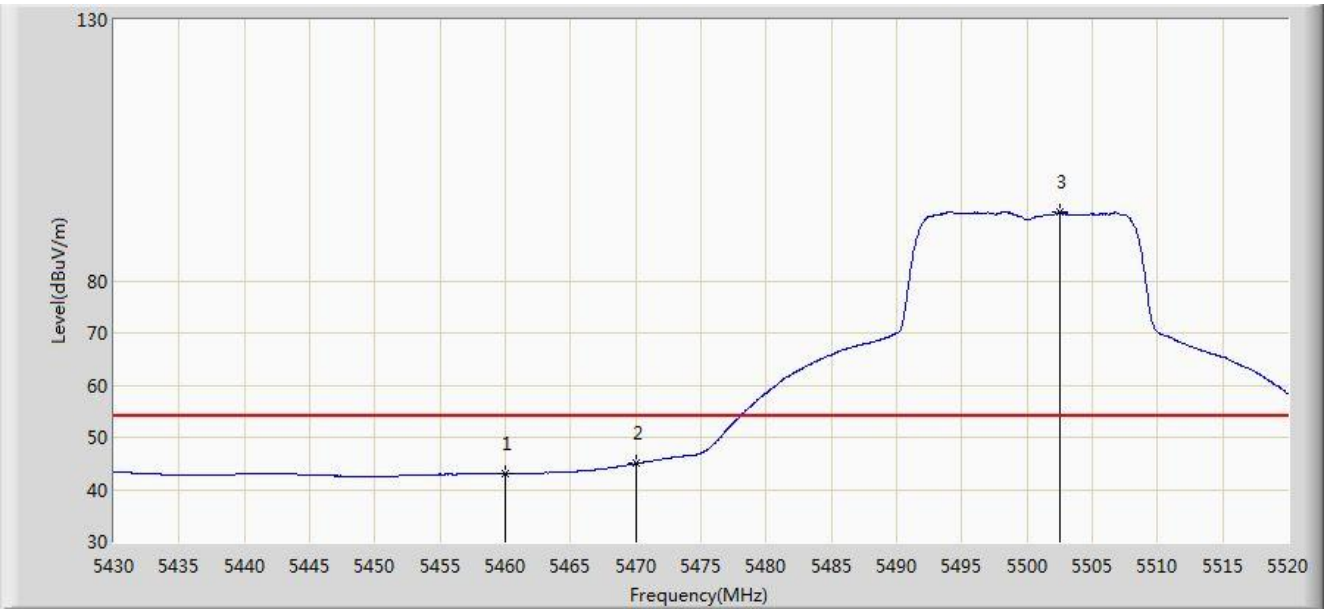


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	55.544	52.351	-18.456	74.000	3.194	PK
2			5469.960	65.964	62.436	-8.036	74.000	3.527	PK
3			5470.000	65.208	61.679	-8.792	74.000	3.529	PK
4		*	5495.205	104.789	101.630	N/A	N/A	3.159	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: AC2	Time: 2016/08/24 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

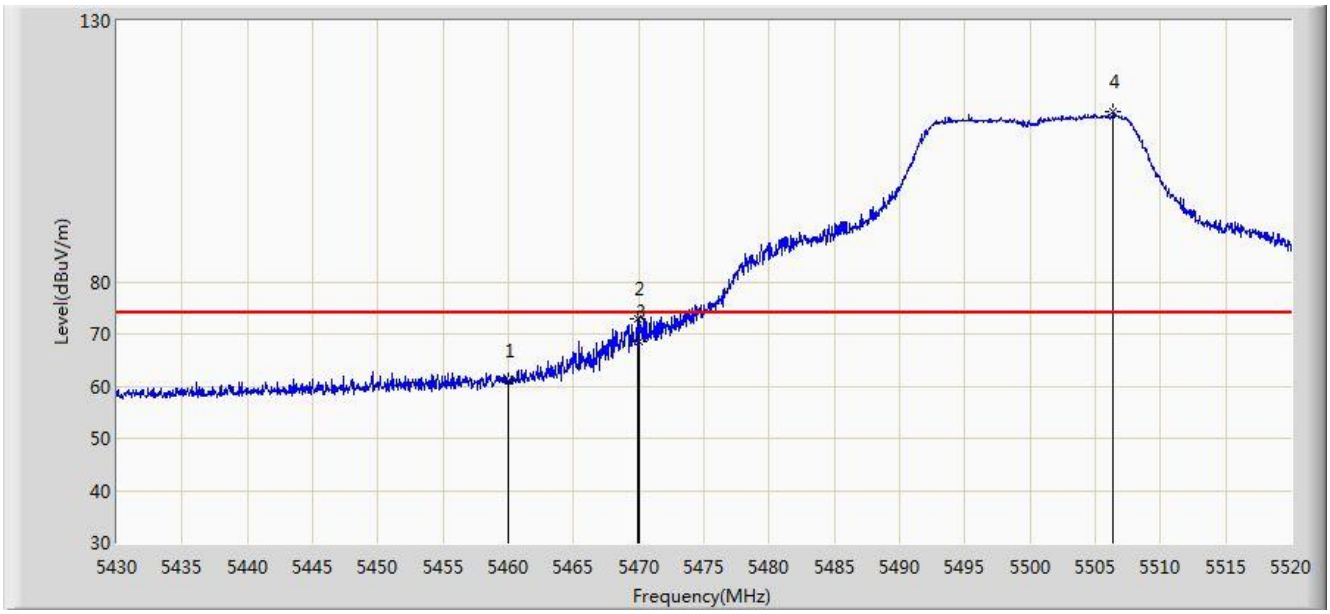


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.049	39.856	-10.951	54.000	3.194	AV
2			5470.000	44.955	41.426	-9.045	54.000	3.529	AV
3		*	5502.495	93.254	90.164	N/A	N/A	3.090	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

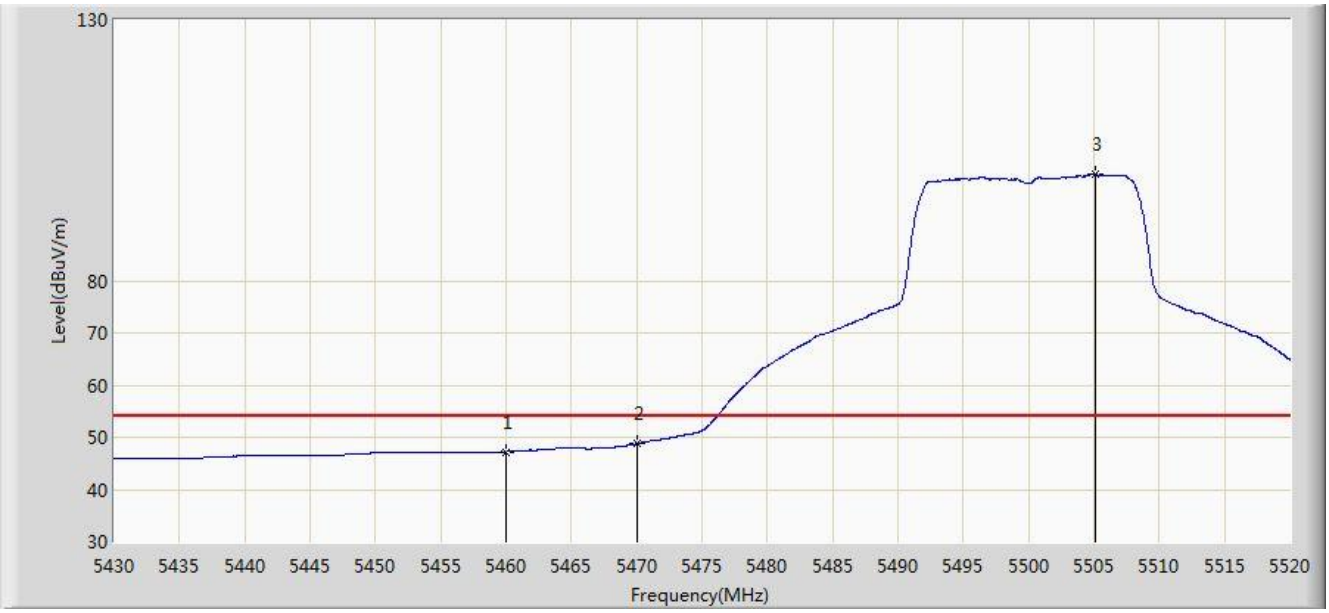


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	60.999	57.806	-13.001	74.000	3.194	PK
2			5469.870	72.772	69.247	-1.228	74.000	3.525	PK
3			5470.000	68.525	64.996	-5.475	74.000	3.529	PK
4		*	5506.365	112.557	109.458	N/A	N/A	3.099	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: AC2	Time: 2016/08/24 - 17:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0	

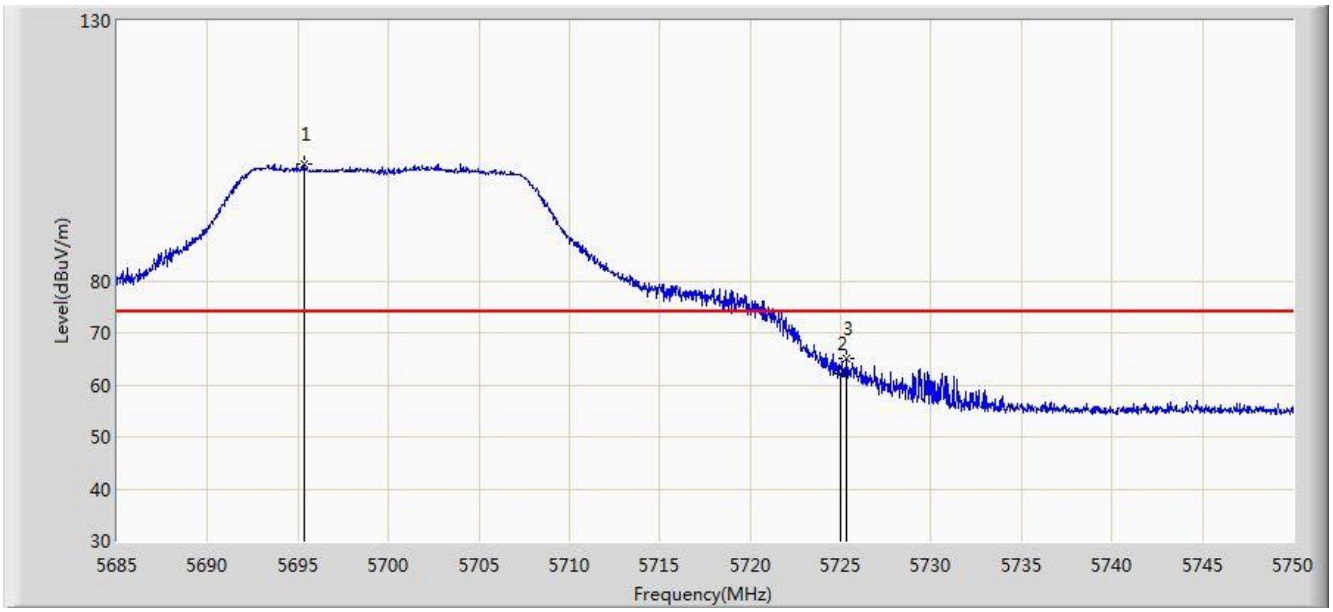


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.240	44.047	-6.760	54.000	3.194	AV
2			5470.000	48.795	45.266	-5.205	54.000	3.529	AV
3		*	5505.105	100.402	97.334	N/A	N/A	3.068	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

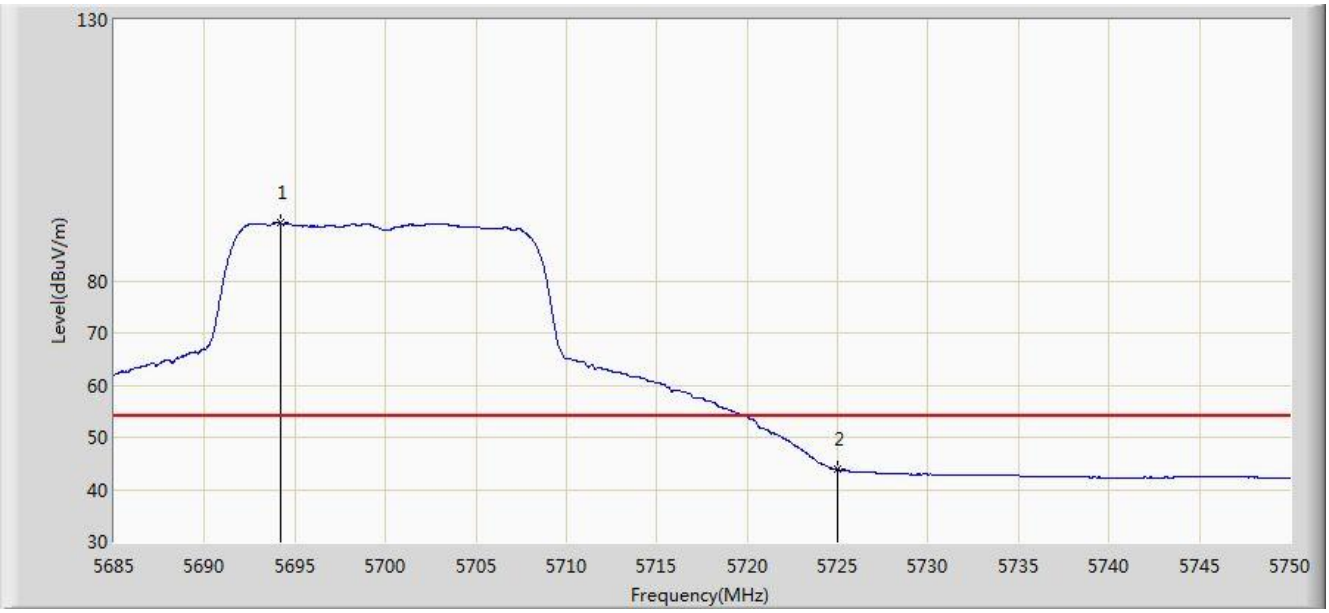


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.335	102.432	98.444	N/A	N/A	3.988	PK
2			5725.000	62.061	57.955	-16.139	78.200	4.105	PK
3			5725.300	65.078	60.965	-8.922	74.000	4.113	PK

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

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

Site: AC2	Time: 2016/08/24 - 18:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

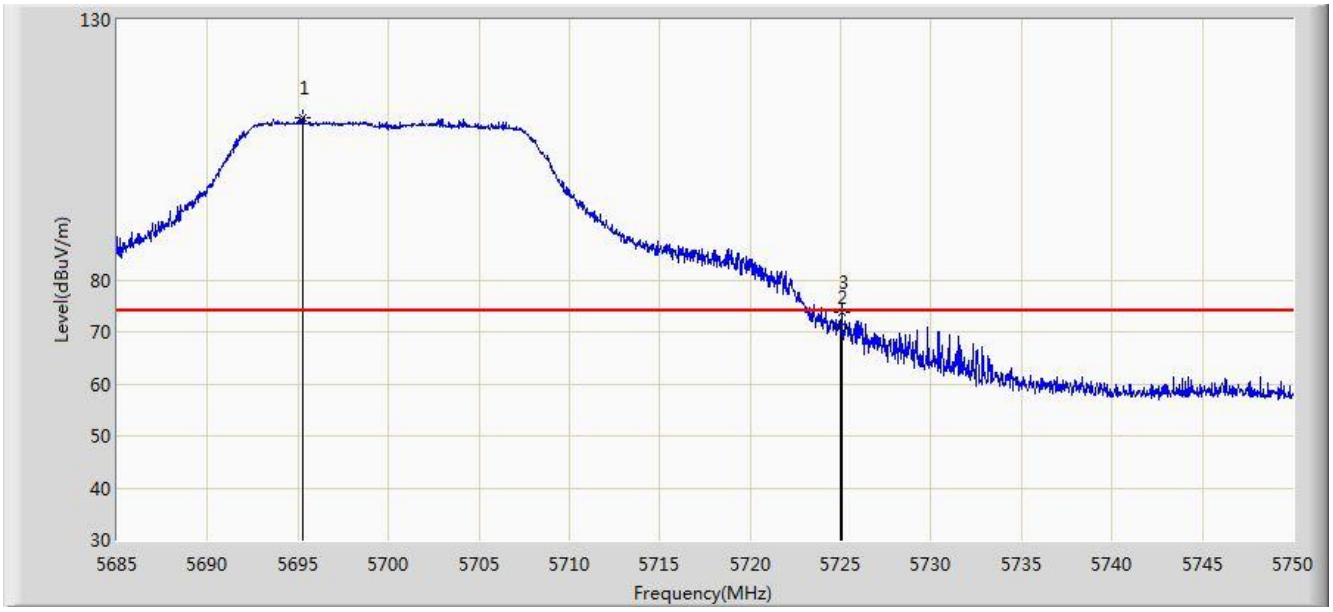


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.165	91.110	87.111	N/A	N/A	3.999	AV
2			5725.000	43.793	39.687	-10.207	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/08/24 - 17:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

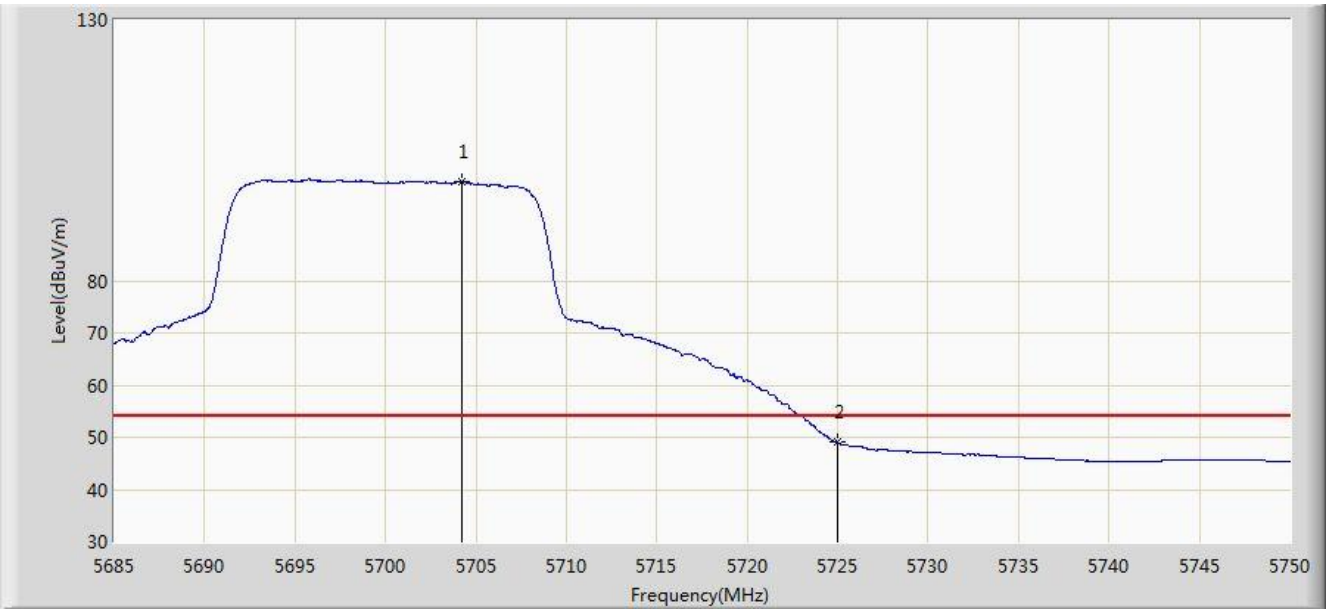


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.237	111.264	107.275	N/A	N/A	3.989	PK
2			5725.000	70.982	66.876	-7.218	78.200	4.105	PK
3			5725.072	73.766	69.659	-0.234	74.000	4.108	PK

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

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

Site: AC2	Time: 2016/08/24 - 17:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0	

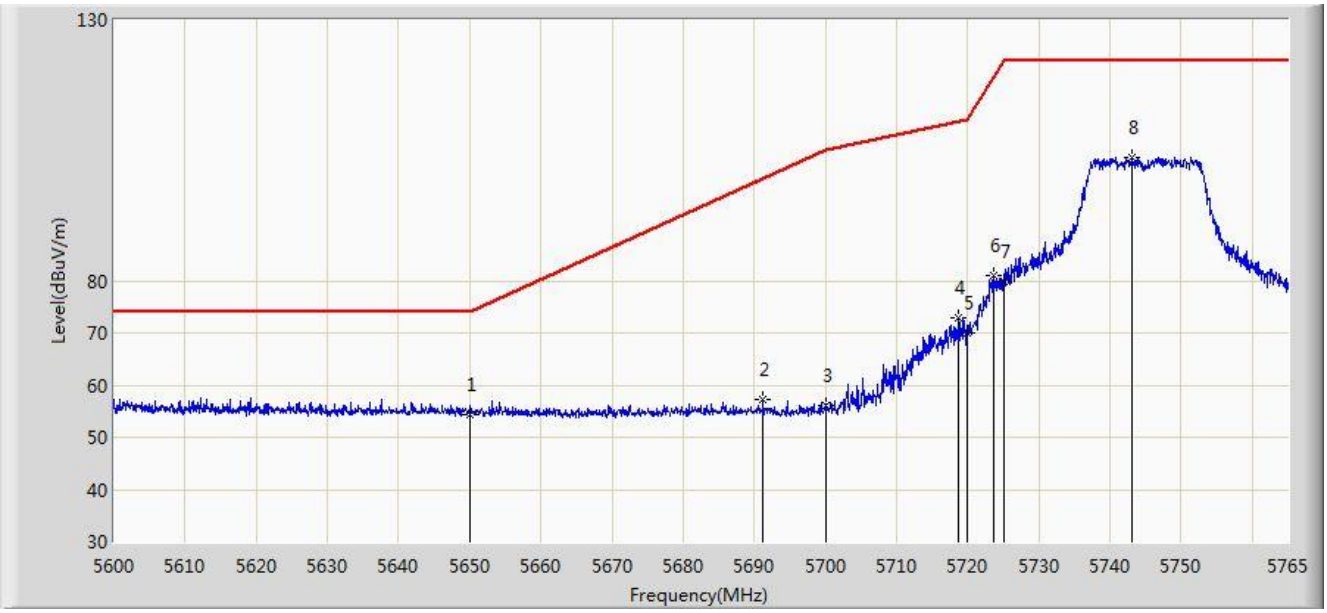


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5704.240	99.103	95.207	N/A	N/A	3.896	AV
2			5725.000	48.990	44.884	-5.010	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

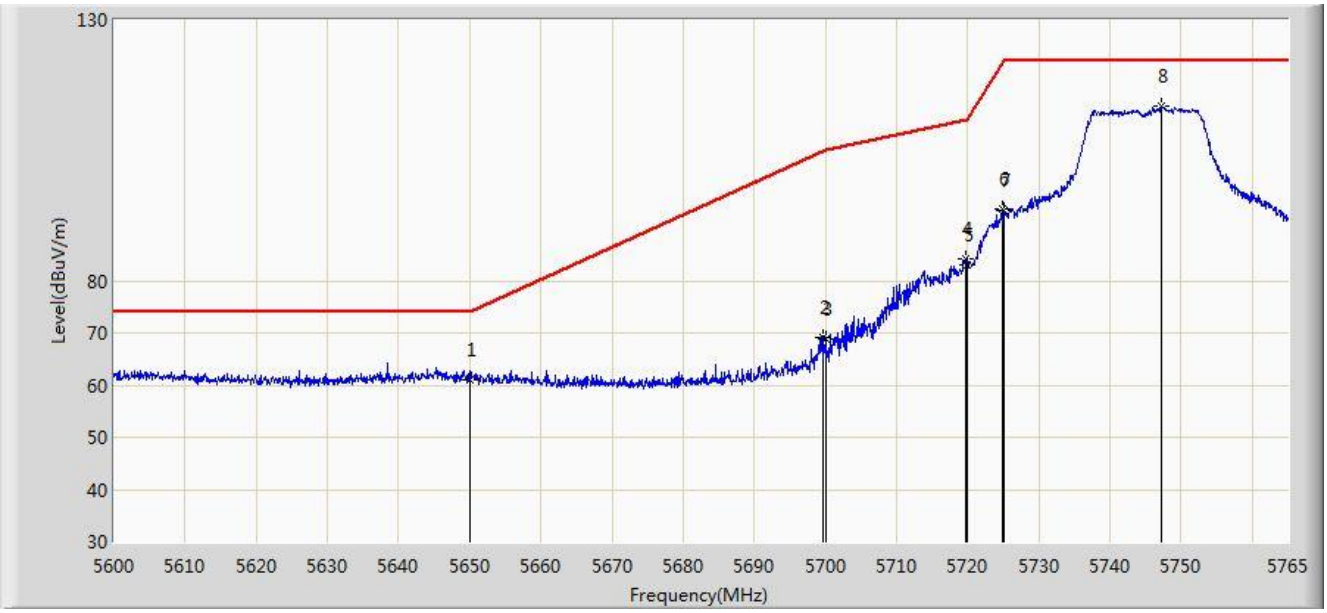


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	54.464	50.661	-19.536	74.000	3.803	PK
2			5691.245	57.105	53.086	-42.652	99.757	4.019	PK
3			5700.000	56.106	52.166	-49.094	105.200	3.940	PK
4			5718.717	72.805	68.854	-37.637	110.441	3.951	PK
5			5720.000	69.923	65.941	-40.877	110.800	3.982	PK
6			5723.667	80.942	76.869	-38.220	119.162	4.073	PK
7			5725.000	79.851	75.745	-42.349	122.200	4.105	PK
8		*	5743.055	103.713	99.443	N/A	N/A	4.270	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: AC2	Time: 2016/08/24 - 18:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0	

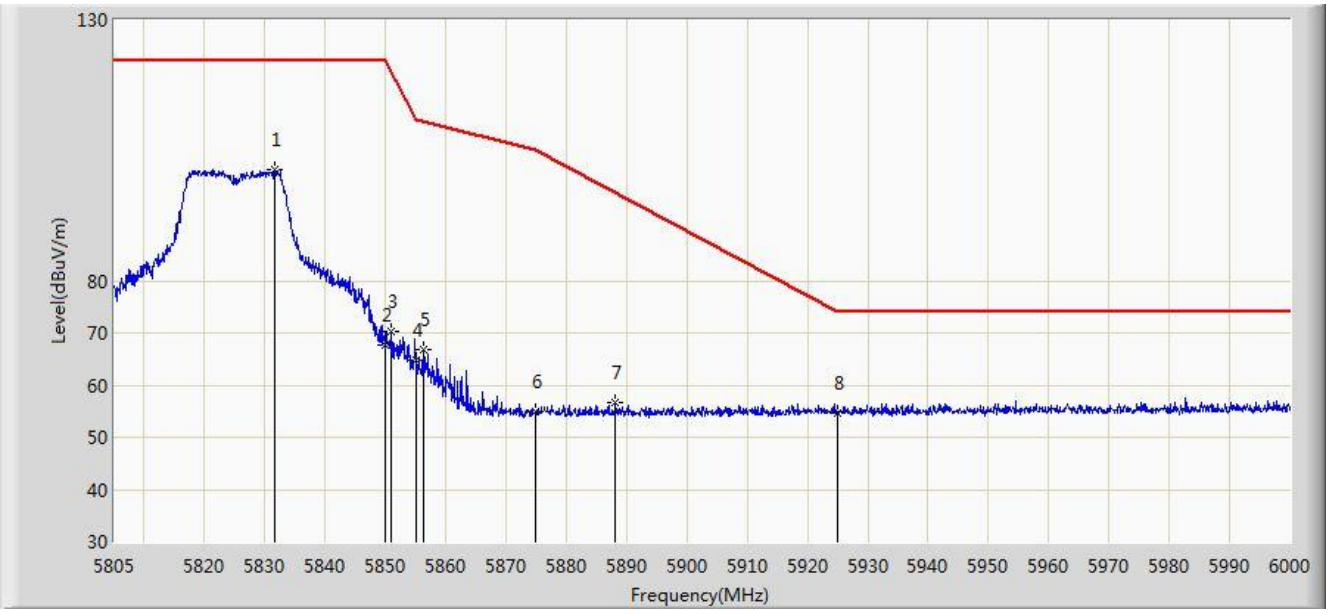


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	60.872	57.069	-13.128	74.000	3.803	PK
2			5699.660	69.140	65.196	-35.849	104.989	3.944	PK
3			5700.000	68.699	64.759	-36.501	105.200	3.940	PK
4			5719.708	84.127	80.152	-26.591	110.718	3.975	PK
5			5720.000	82.961	78.979	-27.839	110.800	3.982	PK
6			5724.987	93.673	89.568	-28.497	122.170	4.105	PK
7			5725.000	93.519	89.413	-28.681	122.200	4.105	PK
8		*	5747.263	113.401	109.133	N/A	N/A	4.268	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: AC2	Time: 2016/08/24 - 18:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0	

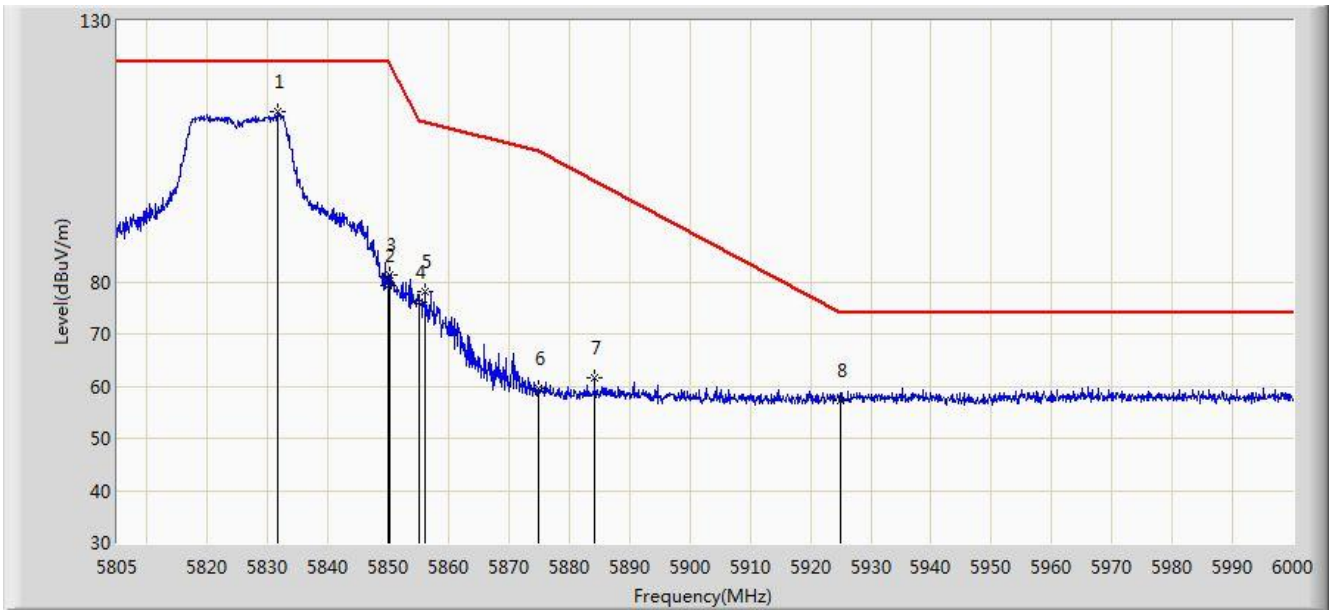


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5831.618	101.288	96.439	N/A	N/A	4.849	PK
2			5850.000	67.611	62.616	-54.589	122.200	4.995	PK
3			5850.825	70.339	65.345	-49.980	120.318	4.993	PK
4			5855.000	64.804	59.816	-45.996	110.800	4.987	PK
5			5856.285	66.783	61.798	-43.656	110.440	4.986	PK
6			5875.000	54.840	49.833	-50.360	105.200	5.008	PK
7			5888.167	56.712	51.608	-40.246	96.958	5.104	PK
8		*	5925.000	54.735	49.583	-19.265	74.000	5.152	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: AC2	Time: 2016/08/24 - 18:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0	

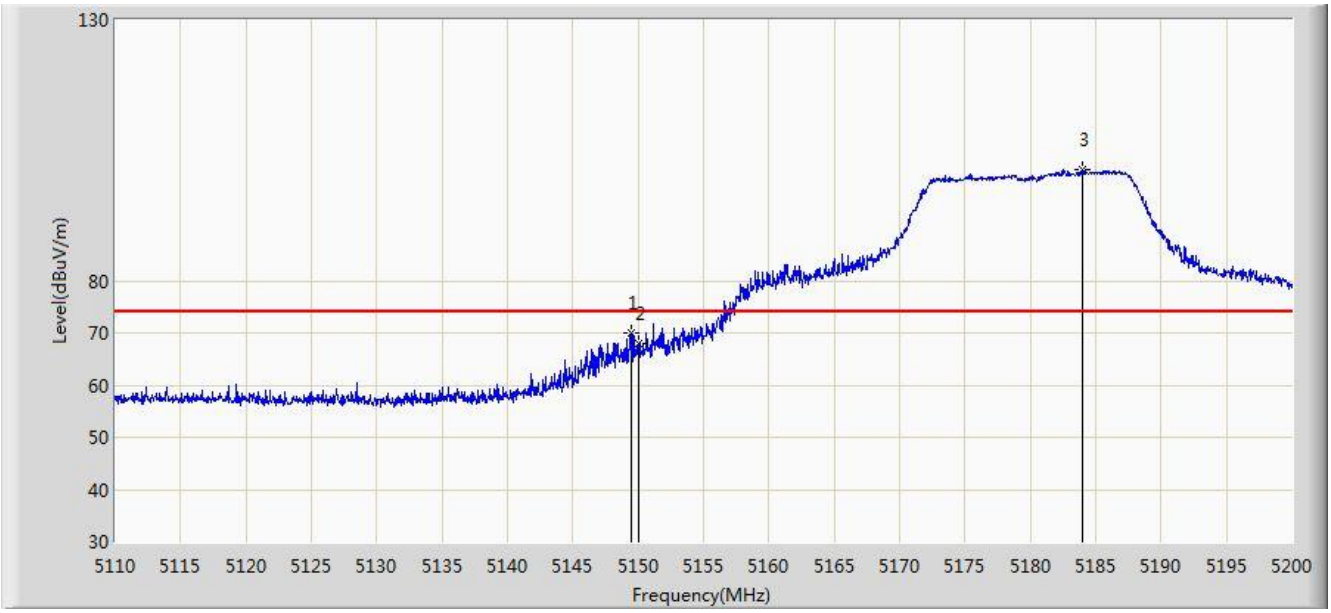


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.520	112.500	107.653	N/A	N/A	4.847	PK
2			5850.000	79.286	74.291	-42.914	122.200	4.995	PK
3			5850.143	81.442	76.447	-40.432	121.874	4.995	PK
4			5855.000	75.957	70.969	-34.843	110.800	4.987	PK
5			5856.090	78.199	73.213	-32.296	110.494	4.986	PK
6			5875.000	59.591	54.584	-45.609	105.200	5.008	PK
7			5884.170	61.518	56.437	-37.940	99.458	5.081	PK
8			5925.000	57.325	52.173	-16.675	74.000	5.152	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: AC2	Time: 2016/08/24 - 18:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

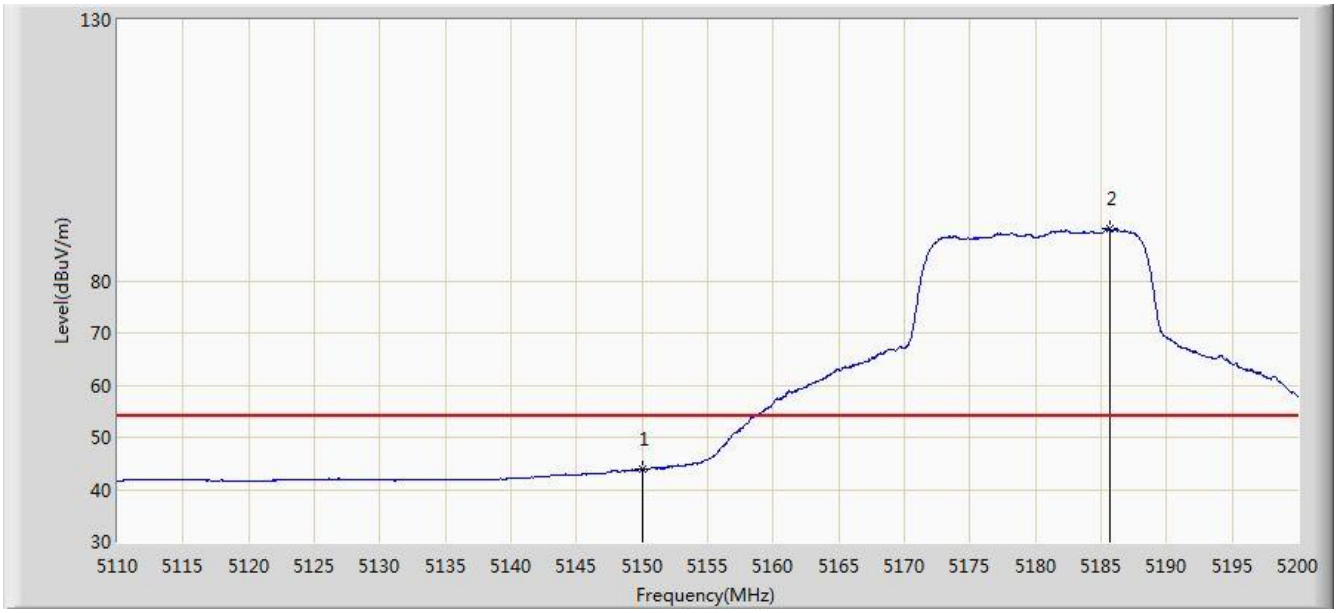


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.420	70.037	66.966	-3.963	74.000	3.071	PK
2			5150.000	67.840	64.770	-6.160	74.000	3.069	PK
3		*	5184.025	101.271	98.245	N/A	N/A	3.026	PK

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

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

Site: AC2	Time: 2016/08/24 - 18:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

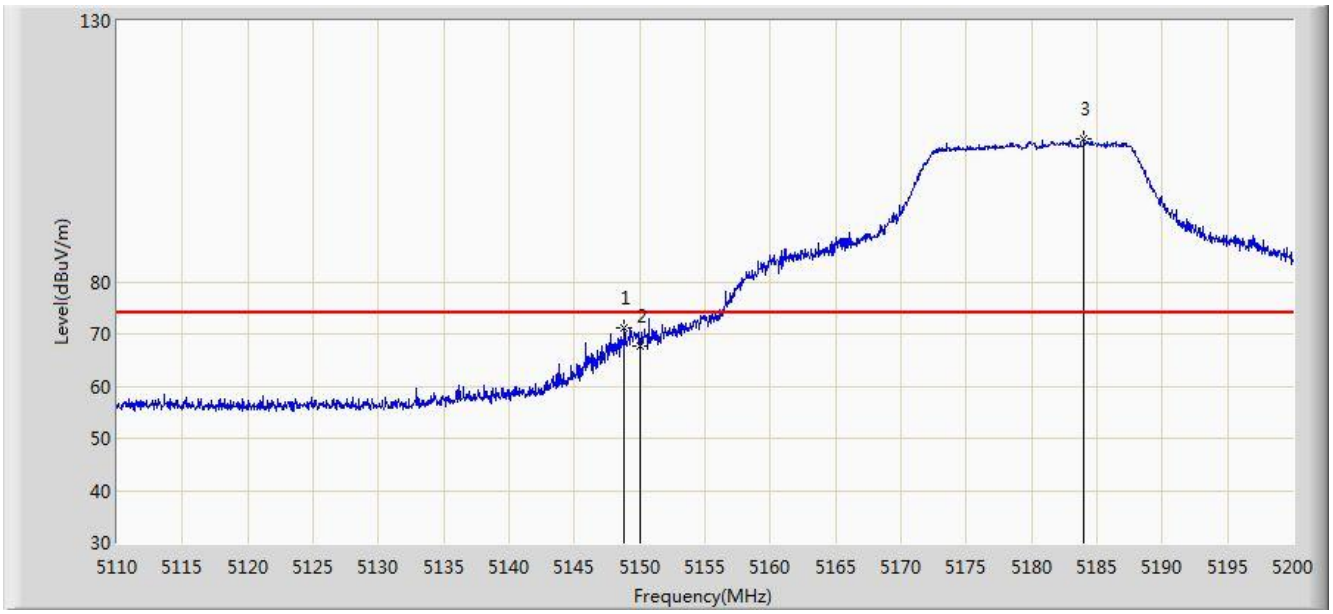


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	43.951	40.881	-10.049	54.000	3.069	AV
2		*	5185.645	89.915	86.909	N/A	N/A	3.006	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

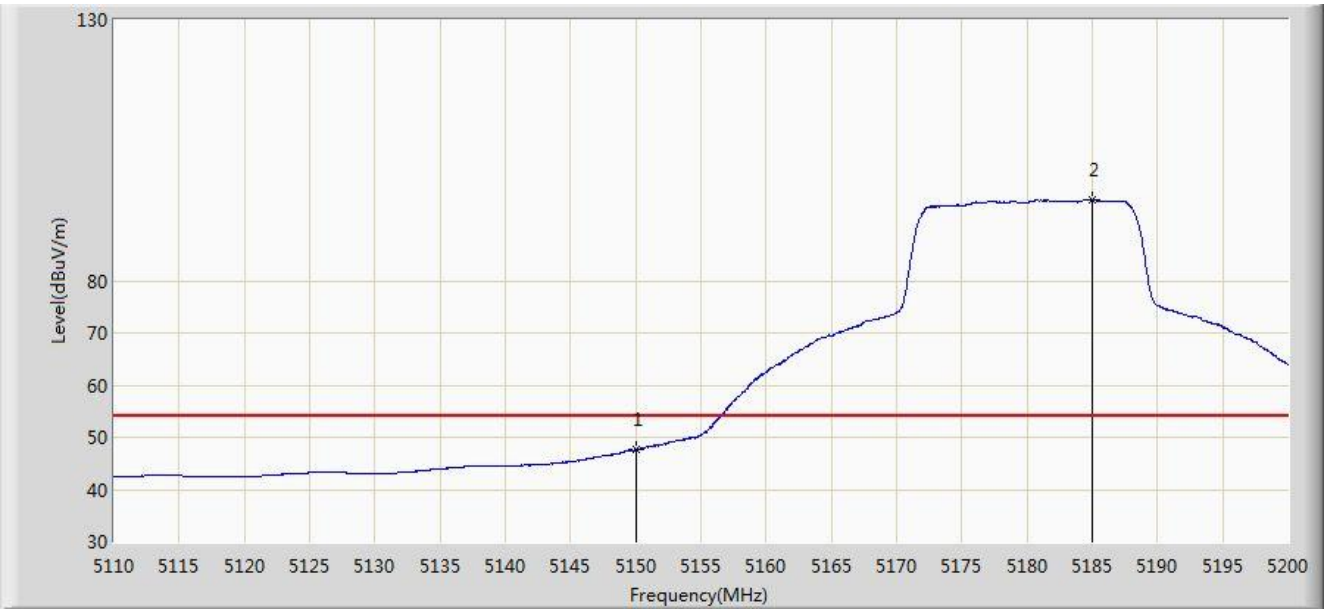


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.835	71.053	67.981	-2.947	74.000	3.072	PK
2			5150.000	67.692	64.622	-6.308	74.000	3.069	PK
3		*	5184.025	107.380	104.354	N/A	N/A	3.026	PK

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

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

Site: AC2	Time: 2016/08/24 - 18:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

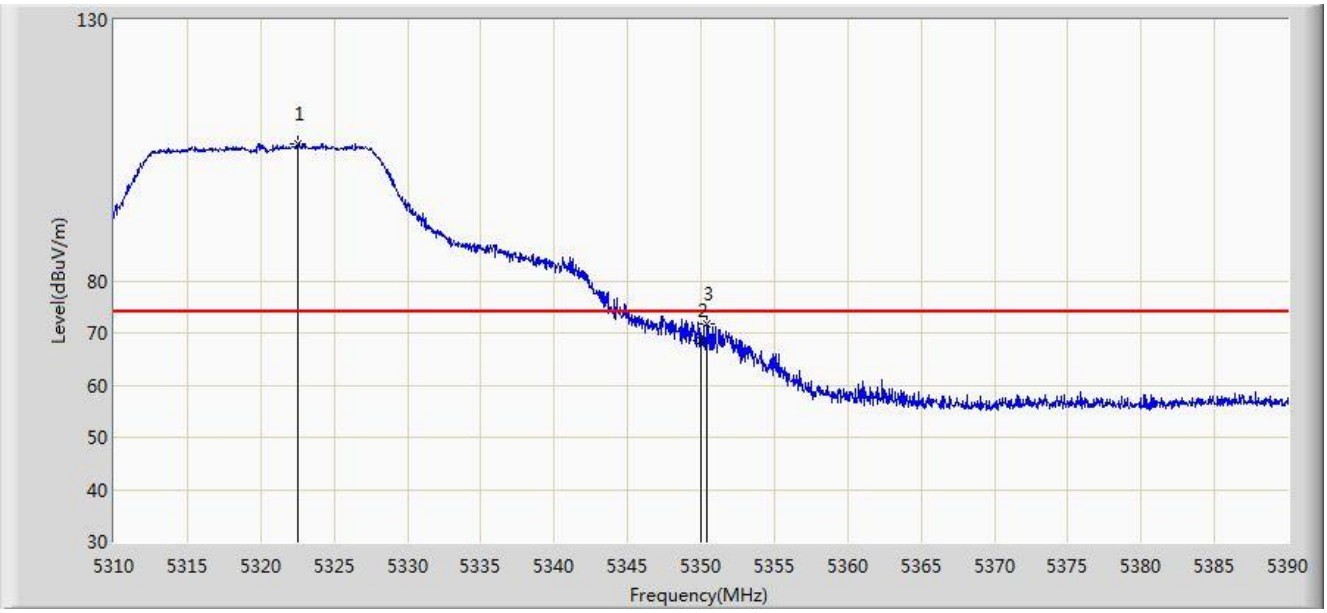


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.601	44.531	-6.399	54.000	3.069	AV
2		*	5185.015	95.609	92.596	N/A	N/A	3.014	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 1	

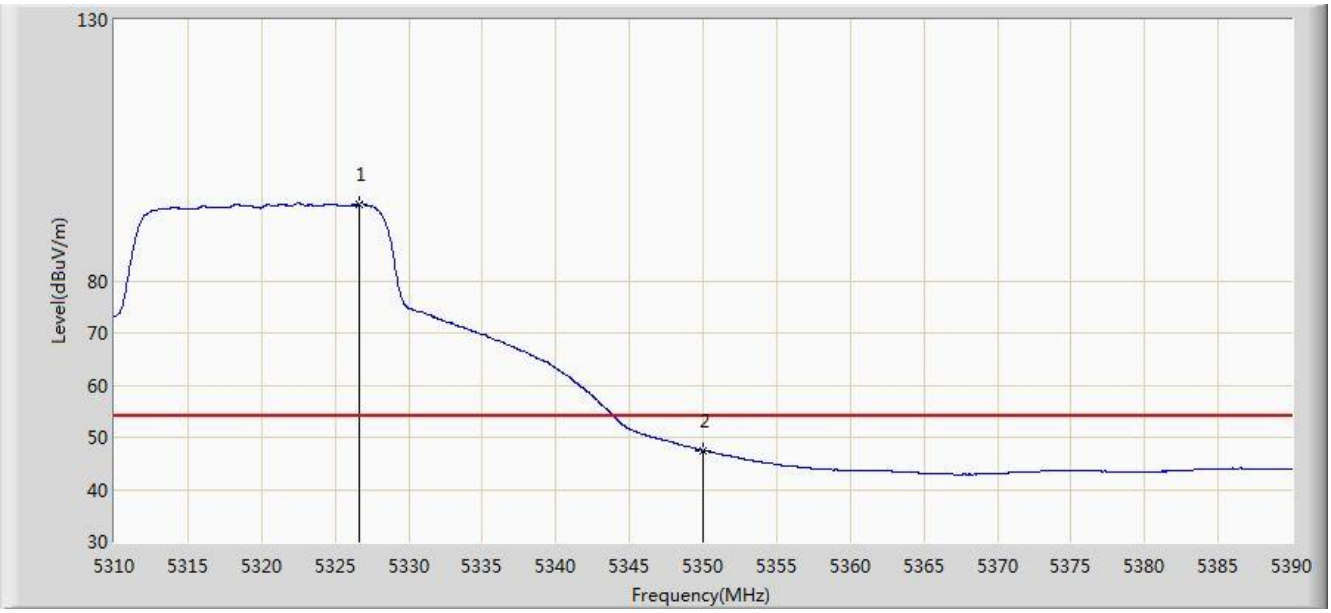


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.520	106.291	103.618	N/A	N/A	2.673	PK
2			5350.000	68.496	65.799	-5.504	74.000	2.697	PK
3			5350.360	71.808	69.109	-2.192	74.000	2.699	PK

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

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

Site: AC2	Time: 2016/08/24 - 18:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 1	

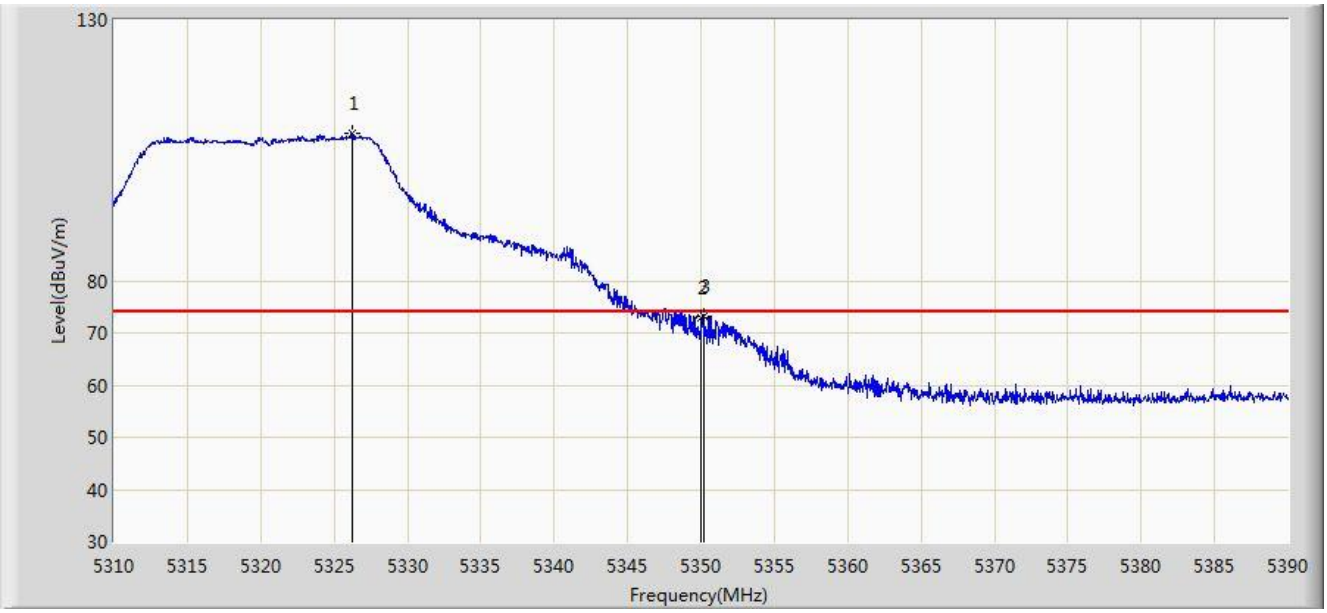


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.640	94.754	92.063	N/A	N/A	2.692	AV
2			5350.000	47.456	44.759	-6.544	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 1	

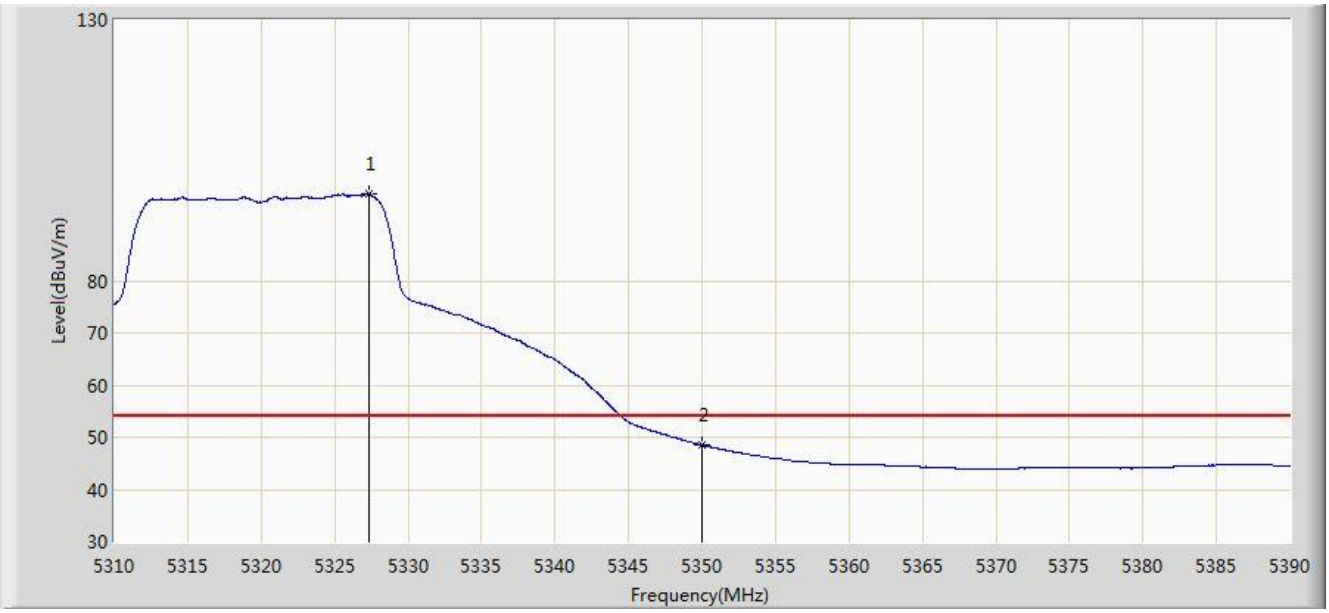


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.280	108.146	105.456	N/A	N/A	2.690	PK
2			5350.000	72.843	70.146	-1.157	74.000	2.697	PK
3			5350.200	73.066	70.368	-0.934	74.000	2.698	PK

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

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

Site: AC2	Time: 2016/08/24 - 18:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 1	

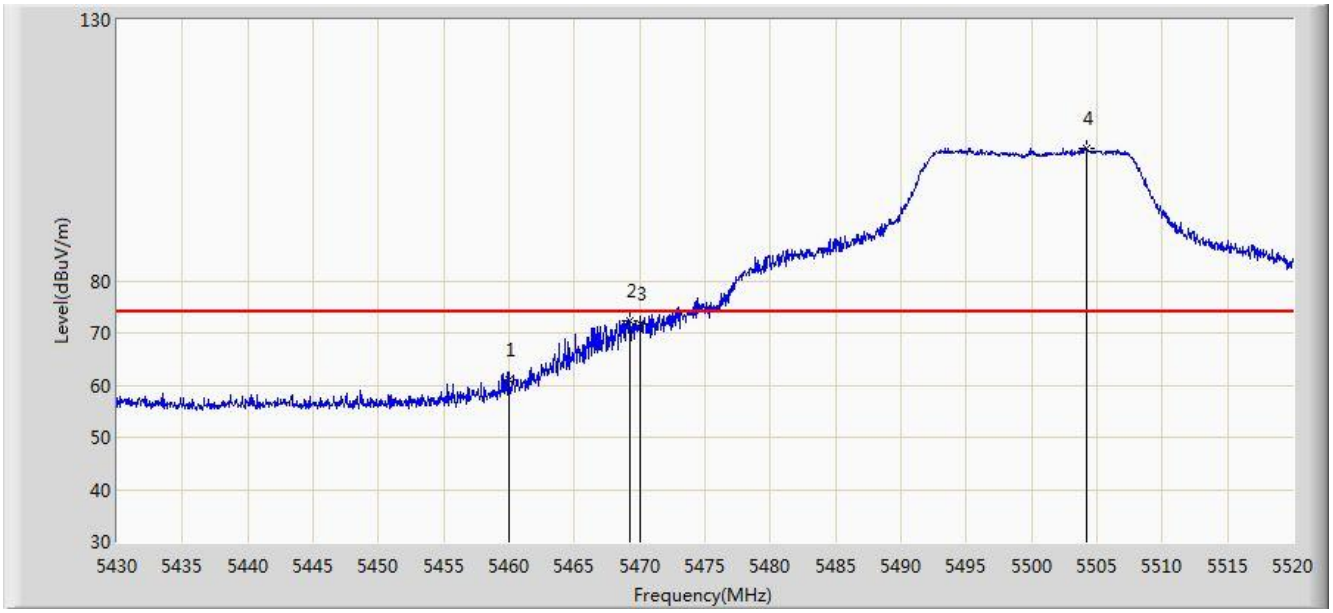


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.360	96.729	94.034	N/A	N/A	2.695	AV
2			5350.000	48.502	45.805	-5.498	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 1	

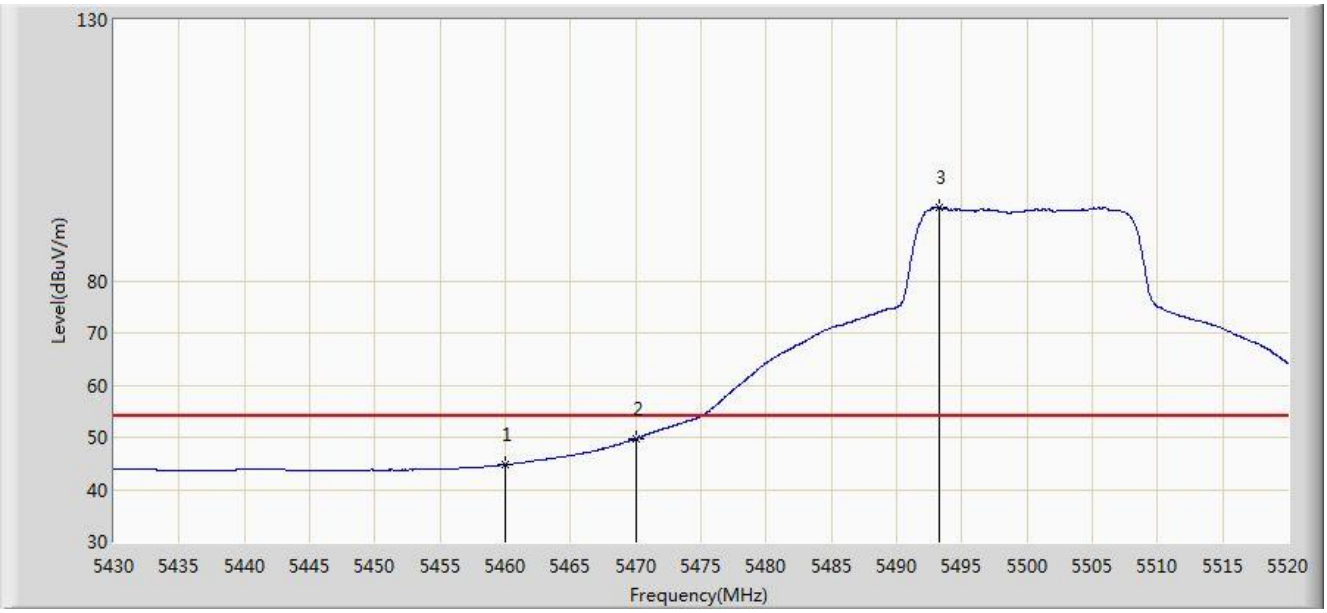


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	60.875	57.682	-13.125	74.000	3.194	PK
2			5469.195	72.440	68.938	-1.560	74.000	3.501	PK
3			5470.000	71.628	68.099	-2.372	74.000	3.529	PK
4		*	5504.205	105.507	102.434	N/A	N/A	3.074	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: AC2	Time: 2016/08/24 - 18:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 1	

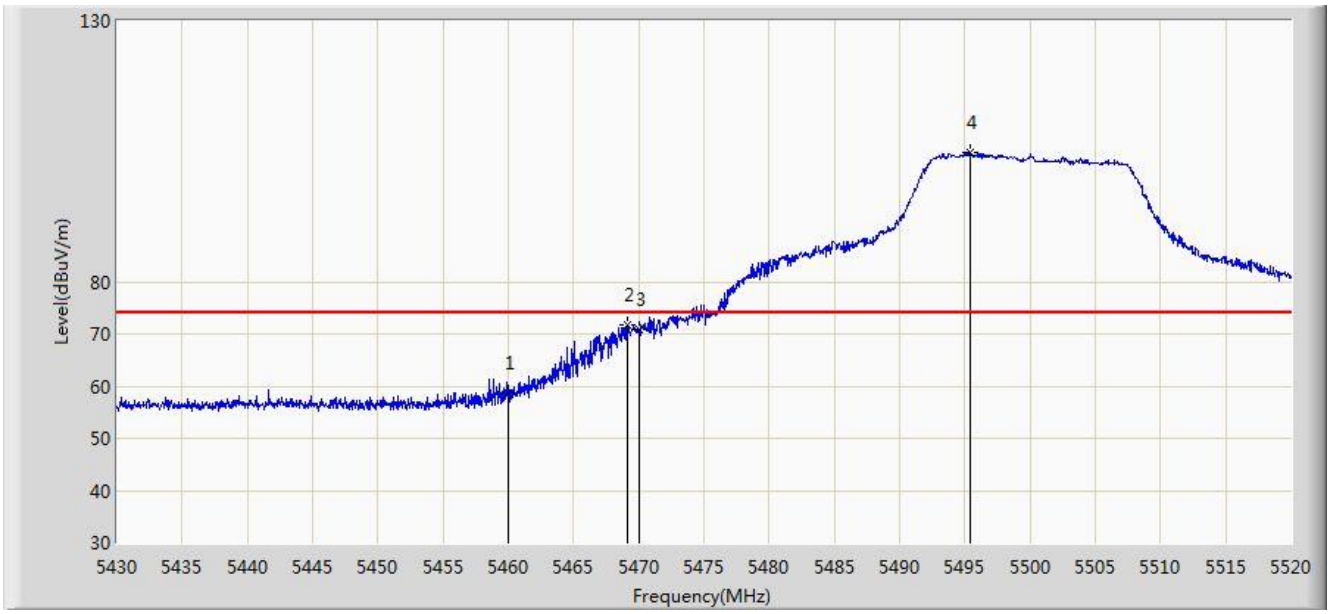


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.782	41.589	-9.218	54.000	3.194	AV
2			5470.000	49.705	46.176	-4.295	54.000	3.529	AV
3		*	5493.270	94.088	90.910	N/A	N/A	3.178	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 1	

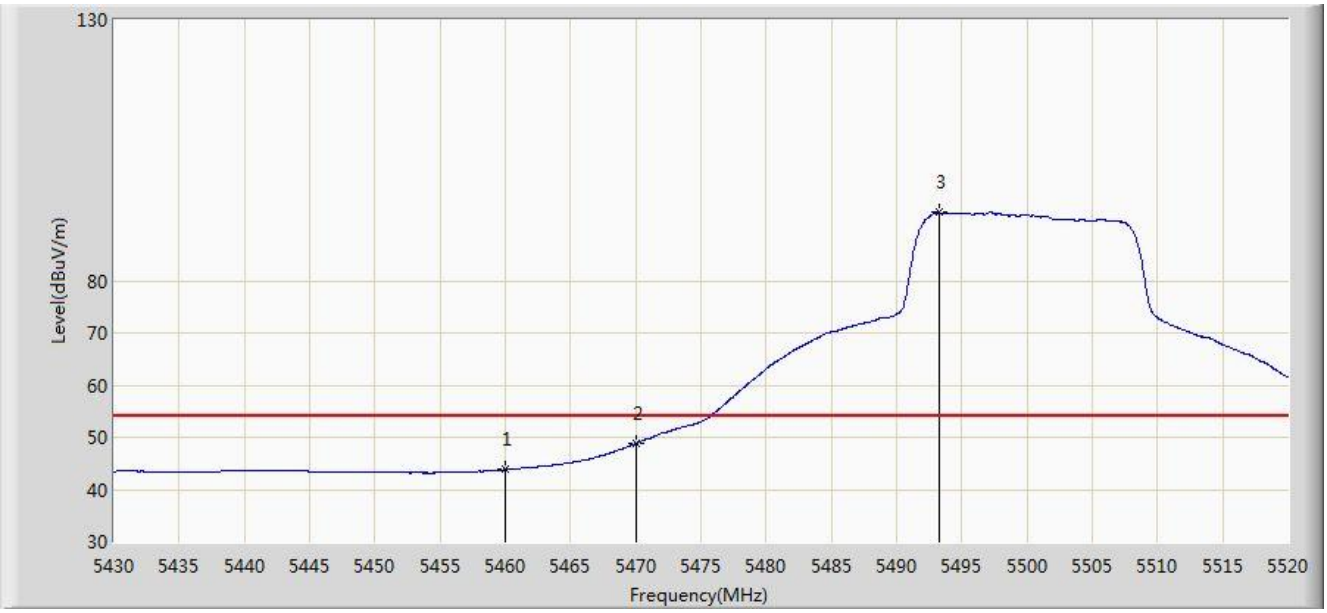


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	58.782	55.589	-15.218	74.000	3.194	PK
2			5469.150	71.665	68.165	-2.335	74.000	3.500	PK
3			5470.000	70.778	67.249	-3.222	74.000	3.529	PK
4		*	5495.385	104.885	101.727	N/A	N/A	3.158	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: AC2	Time: 2016/08/24 - 18:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 1	

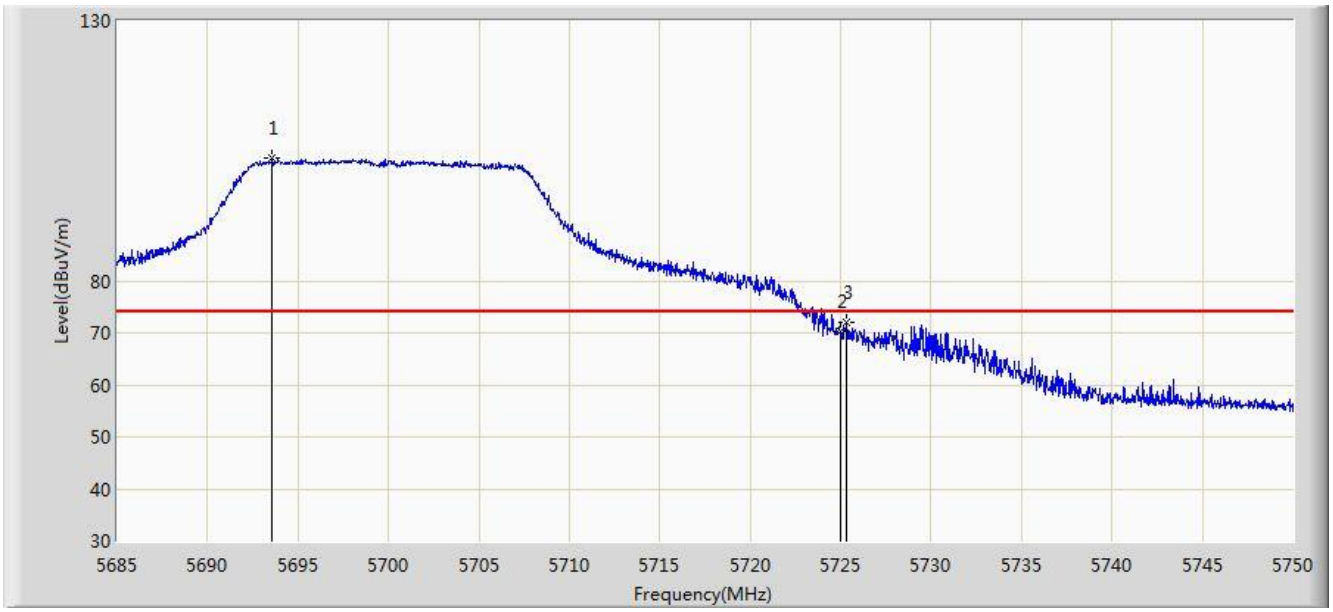


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.830	40.637	-10.170	54.000	3.194	AV
2			5470.000	48.818	45.289	-5.182	54.000	3.529	AV
3		*	5493.225	93.110	89.932	N/A	N/A	3.178	AV

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

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

Site: AC2	Time: 2016/08/24 - 19:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 1	

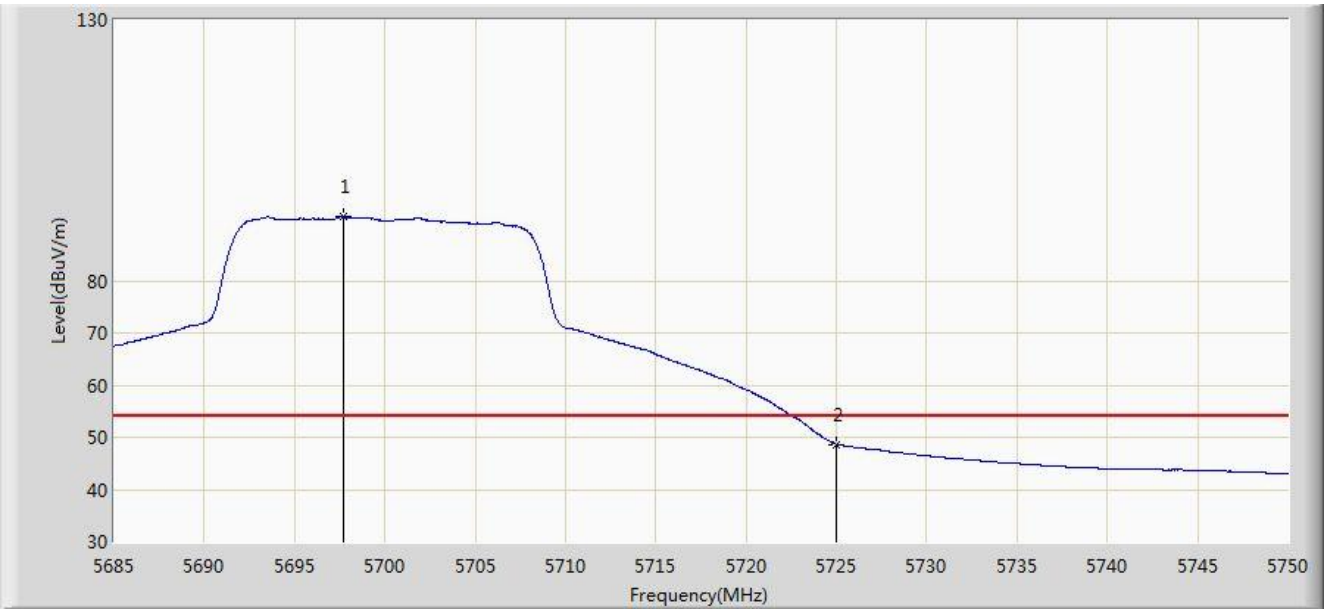


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.547	103.589	99.584	N/A	N/A	4.005	PK
2			5725.000	70.270	66.164	-7.930	78.200	4.105	PK
3			5725.333	72.011	67.897	-1.989	74.000	4.113	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 1	

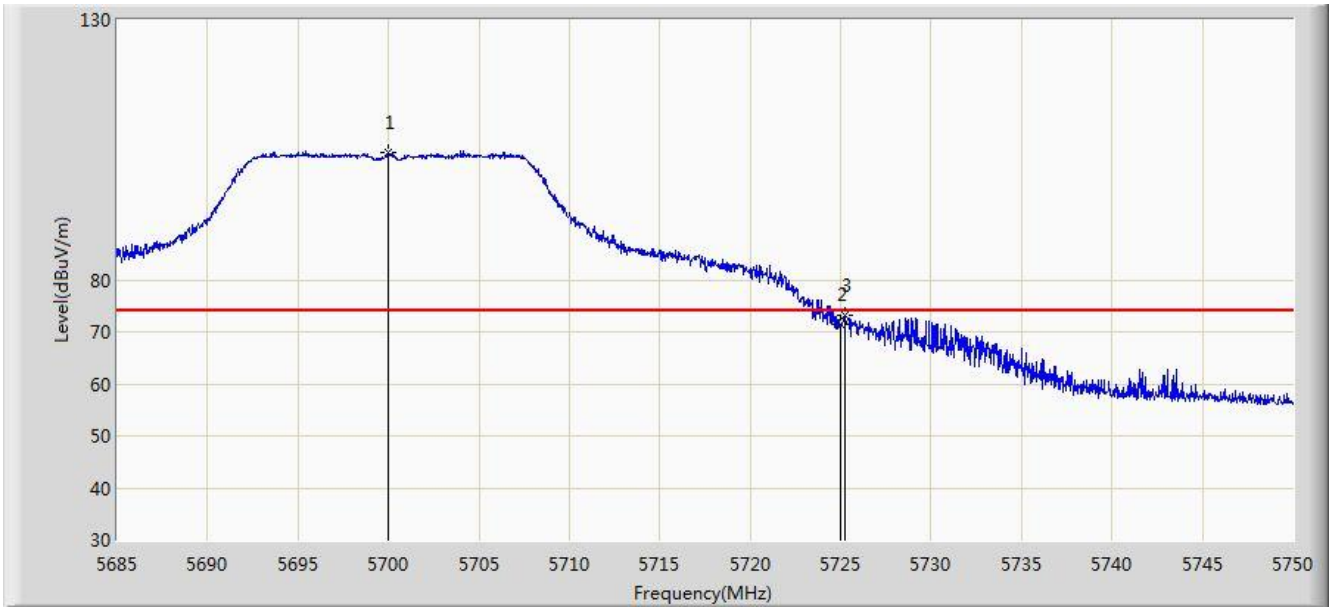


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.675	92.316	88.351	N/A	N/A	3.965	AV
2			5725.000	48.645	44.539	-5.355	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/08/24 - 18:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 1	

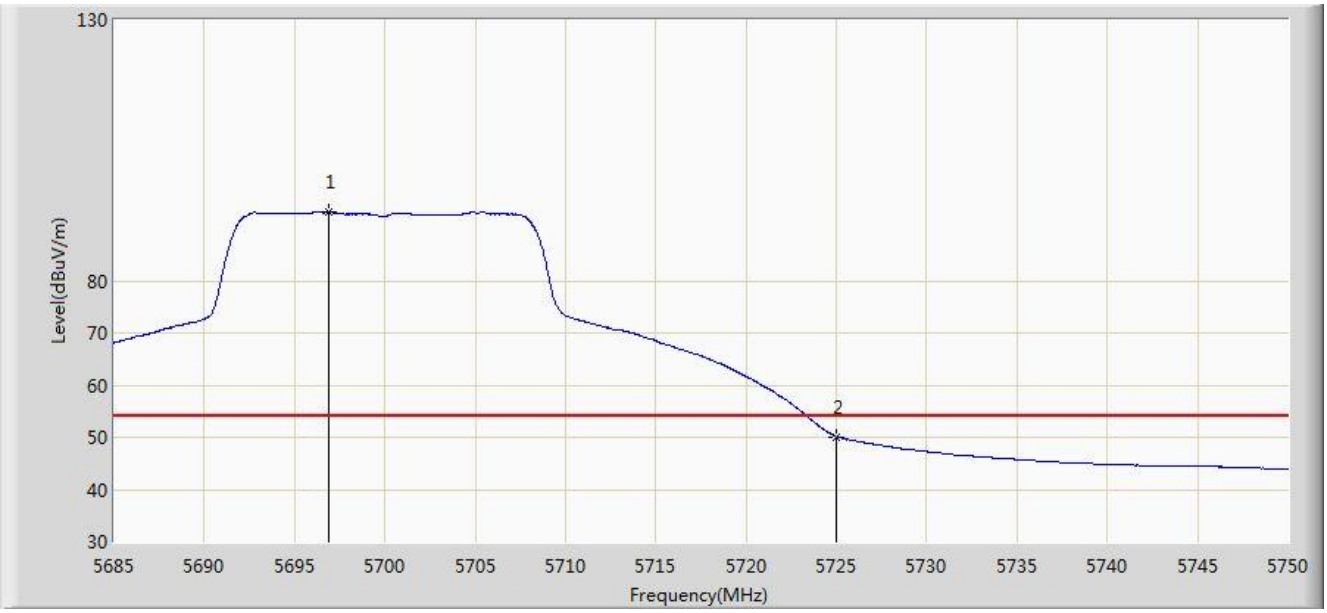


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5699.950	104.596	100.656	N/A	N/A	3.940	PK
2			5725.000	71.450	67.344	-6.750	78.200	4.105	PK
3			5725.235	73.261	69.150	-0.739	74.000	4.111	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 1	

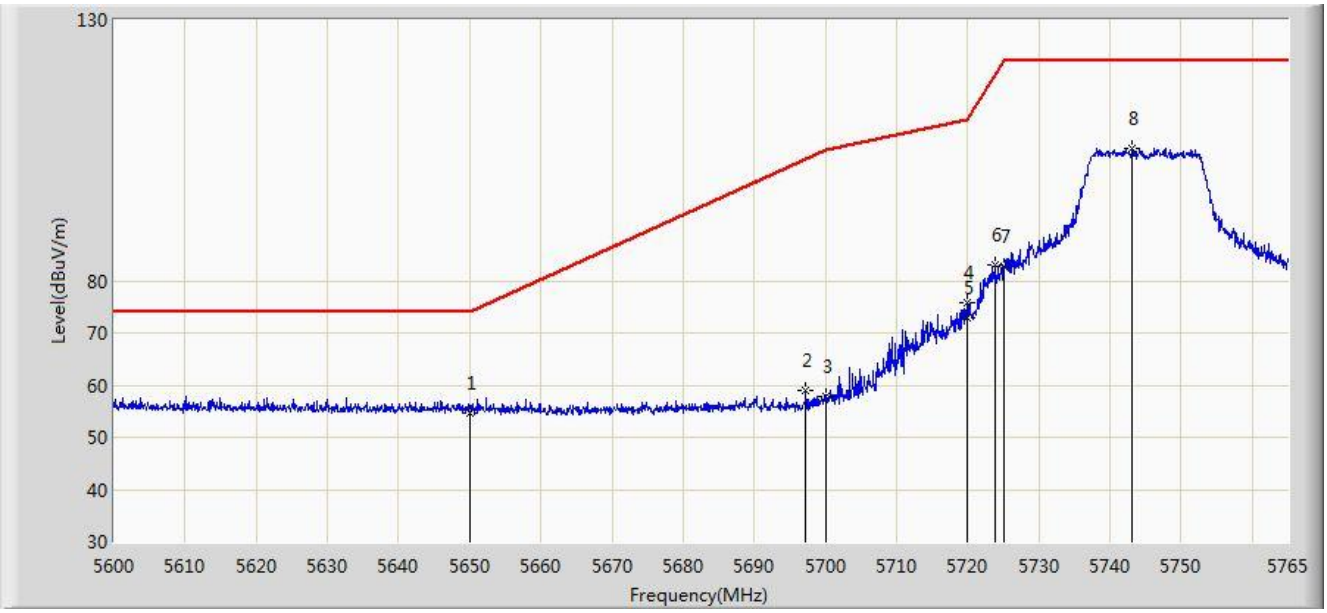


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.895	93.209	89.236	N/A	N/A	3.973	AV
2			5725.000	50.098	45.992	-3.902	54.000	4.105	AV

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

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

Site: AC2	Time: 2016/08/24 - 19:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

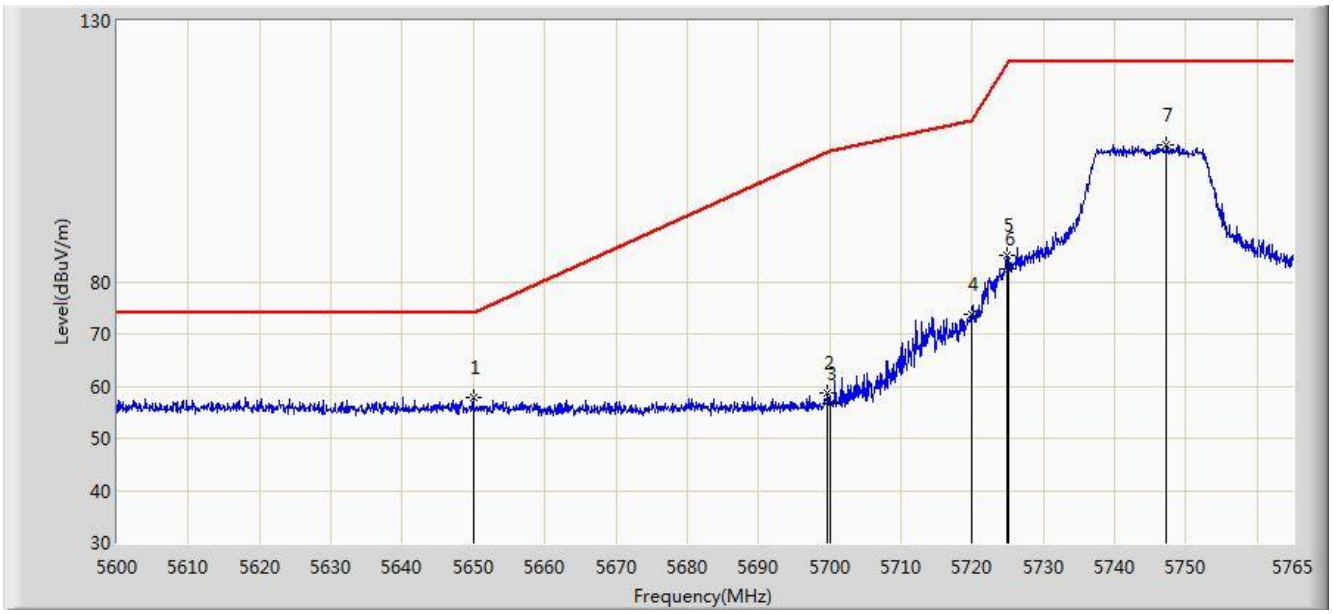


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	54.746	50.943	-19.254	74.000	3.803	PK
2			5697.268	58.936	54.967	-44.566	103.502	3.969	PK
3			5700.000	57.734	53.794	-47.466	105.200	3.940	PK
4			5719.873	75.821	71.842	-34.943	110.765	3.979	PK
5			5720.000	72.981	68.999	-37.819	110.800	3.982	PK
6			5723.750	83.164	79.089	-36.187	119.351	4.075	PK
7			5725.000	82.859	78.753	-39.341	122.200	4.105	PK
8		*	5743.138	105.494	101.224	N/A	N/A	4.270	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: AC2	Time: 2016/08/24 - 19:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

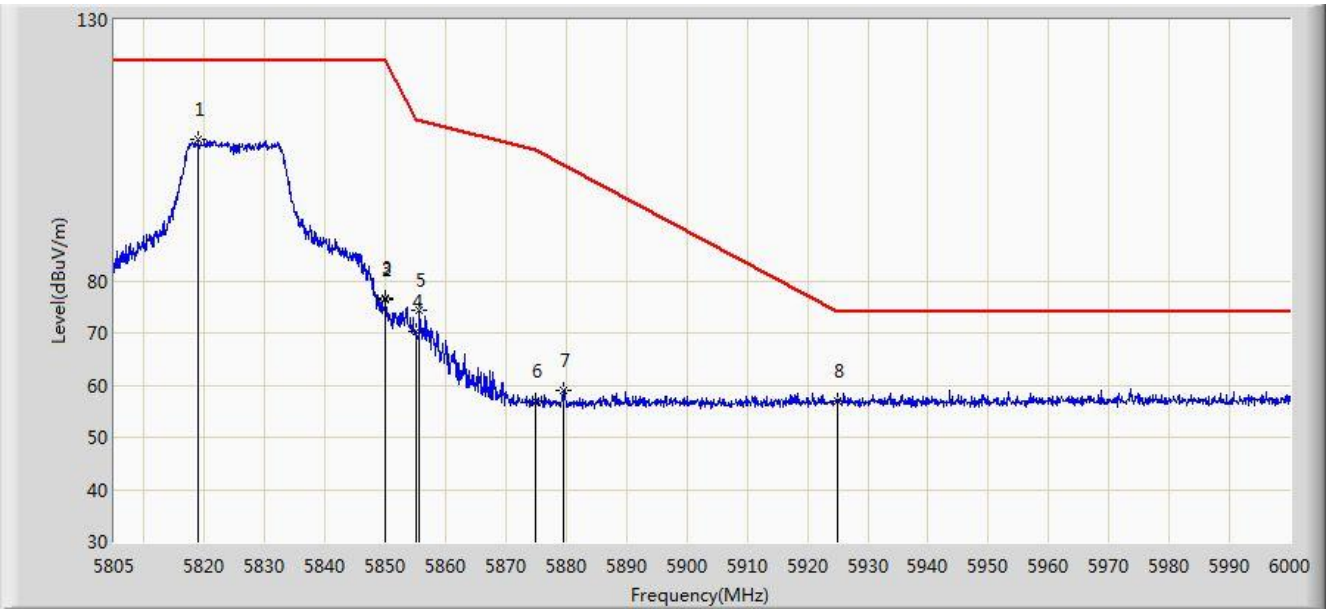


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	57.786	53.983	-16.214	74.000	3.803	PK
2			5699.743	58.569	54.626	-46.472	105.040	3.943	PK
3			5700.000	56.533	52.593	-48.667	105.200	3.940	PK
4			5720.000	73.811	69.829	-36.989	110.800	3.982	PK
5			5724.905	85.043	80.940	-36.940	121.983	4.104	PK
6			5725.000	82.345	78.239	-39.855	122.200	4.105	PK
7		*	5747.263	106.316	102.048	N/A	N/A	4.268	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: AC2	Time: 2016/08/24 - 19:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

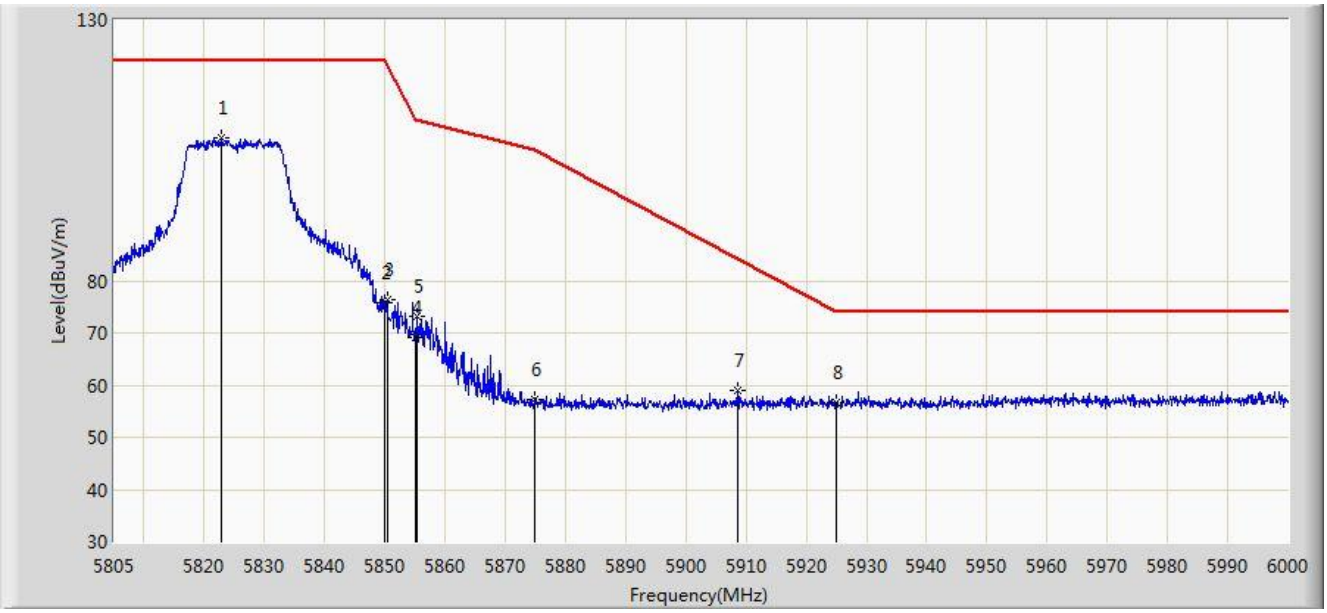


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.040	107.103	102.441	N/A	N/A	4.663	PK
2			5850.000	76.273	71.278	-45.927	122.200	4.995	PK
3			5850.045	76.765	71.770	-45.332	122.097	4.995	PK
4			5855.000	70.314	65.326	-40.486	110.800	4.987	PK
5			5855.700	74.294	69.308	-36.309	110.604	4.986	PK
6			5875.000	56.912	51.905	-48.288	105.200	5.008	PK
7			5879.490	58.900	53.845	-43.488	102.387	5.055	PK
8			5925.000	56.895	51.743	-17.105	74.000	5.152	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: AC2	Time: 2016/08/24 - 19:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

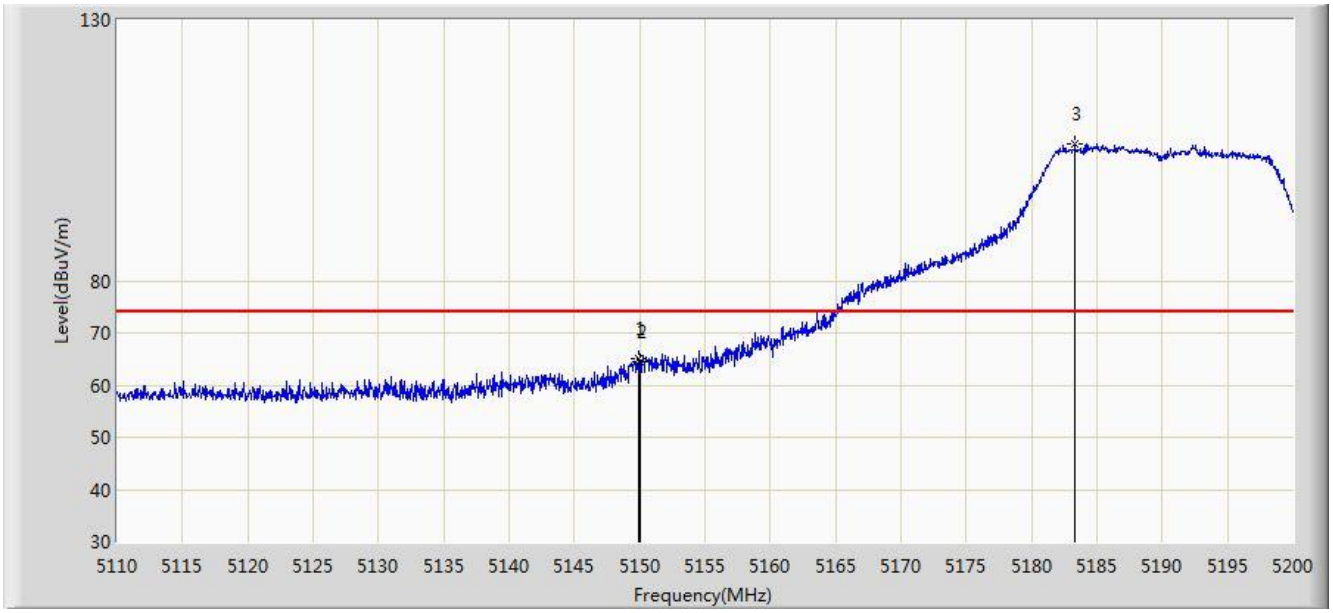


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.940	107.465	102.758	N/A	N/A	4.708	PK
2			5850.000	75.881	70.886	-46.319	122.200	4.995	PK
3			5850.435	76.395	71.401	-44.812	121.208	4.994	PK
4			5855.000	69.192	64.204	-41.608	110.800	4.987	PK
5			5855.408	73.148	68.161	-37.538	110.686	4.987	PK
6			5875.000	57.120	52.113	-48.080	105.200	5.008	PK
7			5908.643	58.859	53.672	-25.319	84.178	5.186	PK
8			5925.000	56.682	51.530	-17.318	74.000	5.152	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: AC2	Time: 2016/08/24 - 19:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

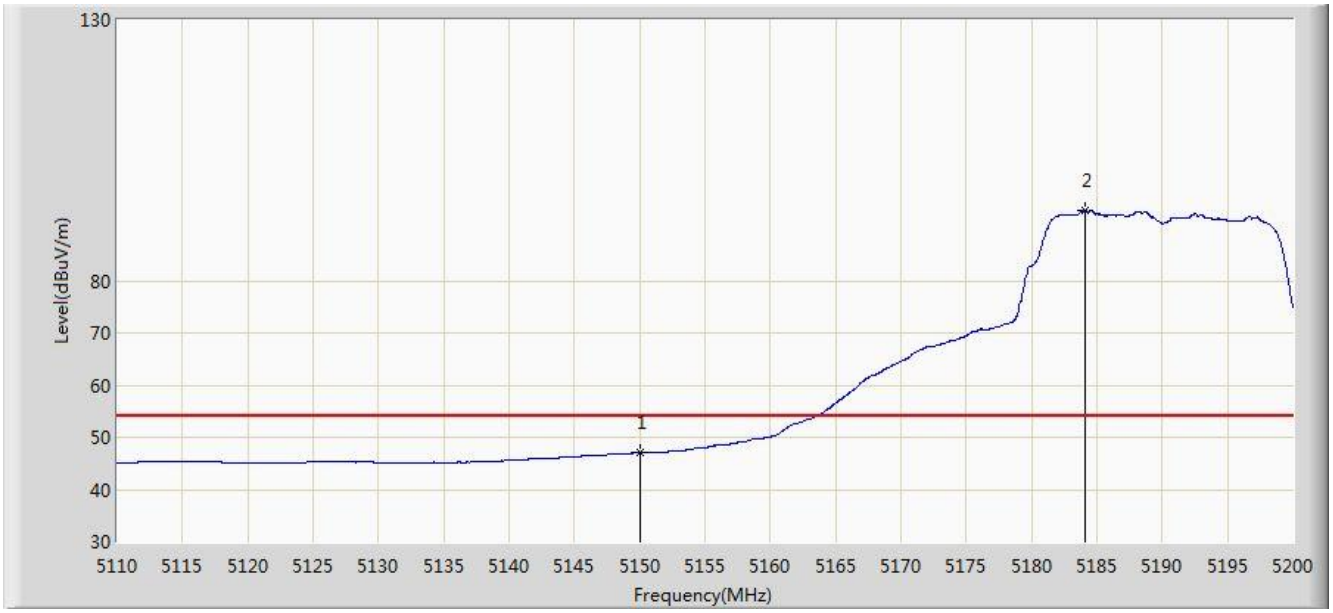


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	65.050	61.980	-8.950	74.000	3.070	PK
2			5150.000	64.421	61.351	-9.579	74.000	3.069	PK
3		*	5183.305	106.260	103.225	N/A	N/A	3.035	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

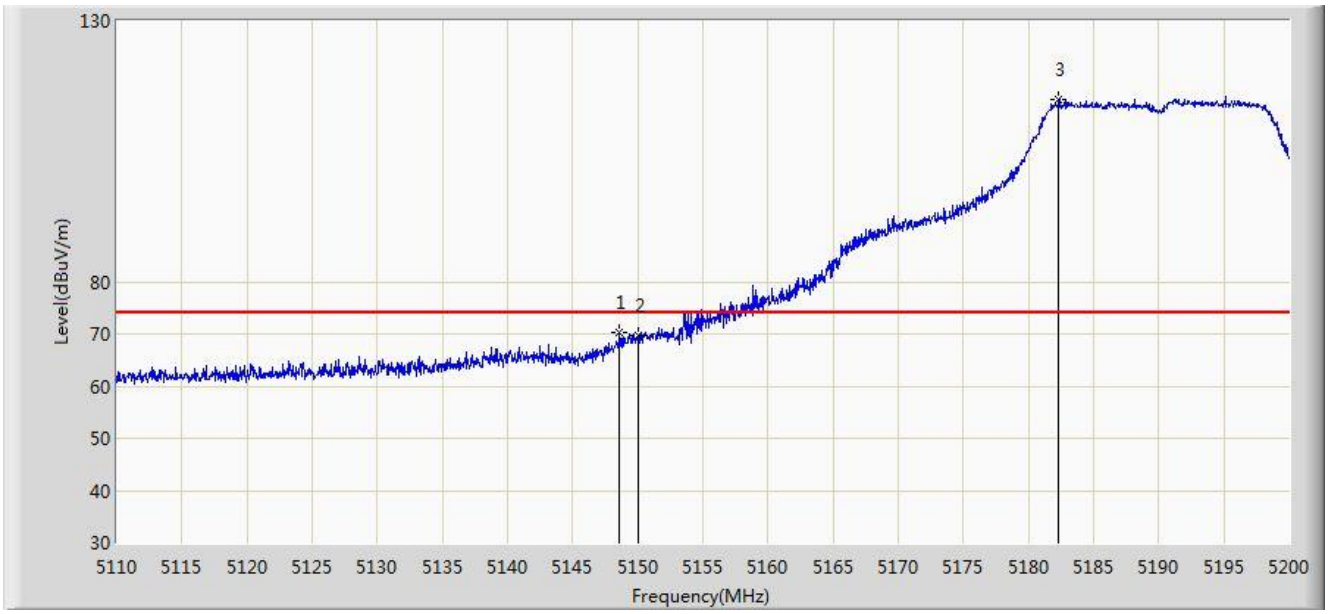


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.055	43.985	-6.945	54.000	3.069	AV
2		*	5184.070	93.451	90.426	N/A	N/A	3.025	AV

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

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

Site: AC2	Time: 2016/08/24 - 19:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

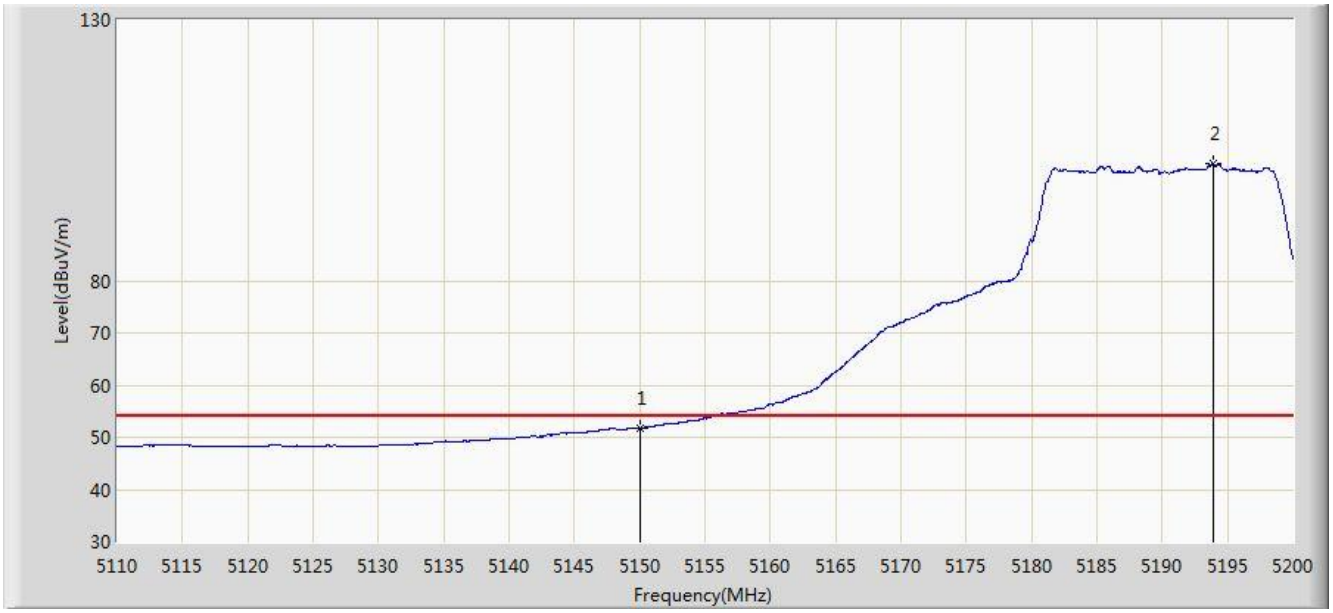


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.610	70.199	67.126	-3.801	74.000	3.073	PK
2			5150.000	69.706	66.636	-4.294	74.000	3.069	PK
3		*	5182.315	115.057	112.010	N/A	N/A	3.047	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1	

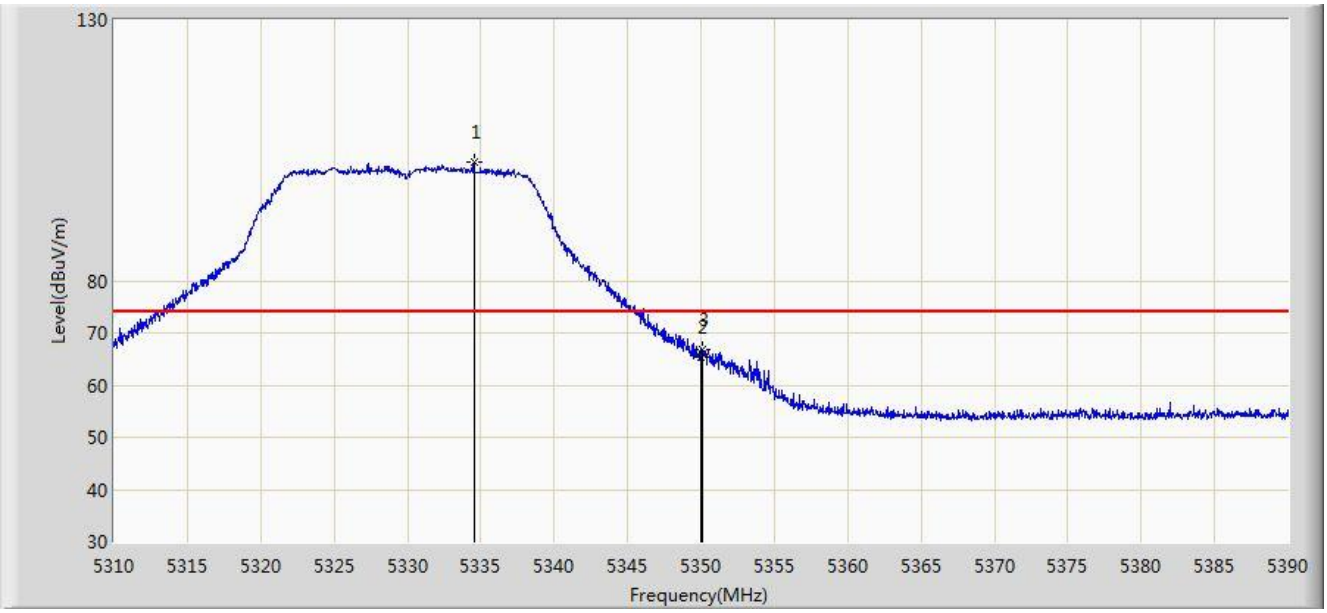


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.775	48.705	-2.225	54.000	3.069	AV
2		*	5193.880	102.346	99.452	N/A	N/A	2.893	AV

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

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

Site: AC2	Time: 2016/08/24 - 19:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1	

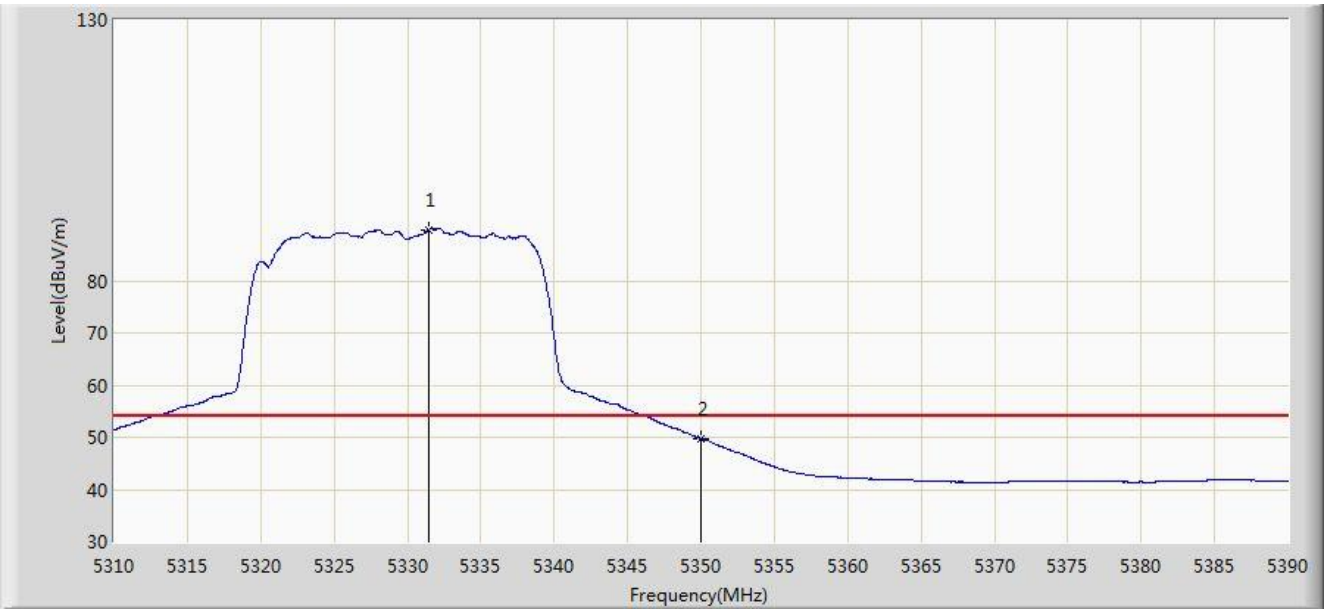


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5334.520	102.654	99.961	N/A	N/A	2.692	PK
2			5350.000	65.374	62.677	-8.626	74.000	2.697	PK
3			5350.120	66.893	64.195	-7.107	74.000	2.697	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1	

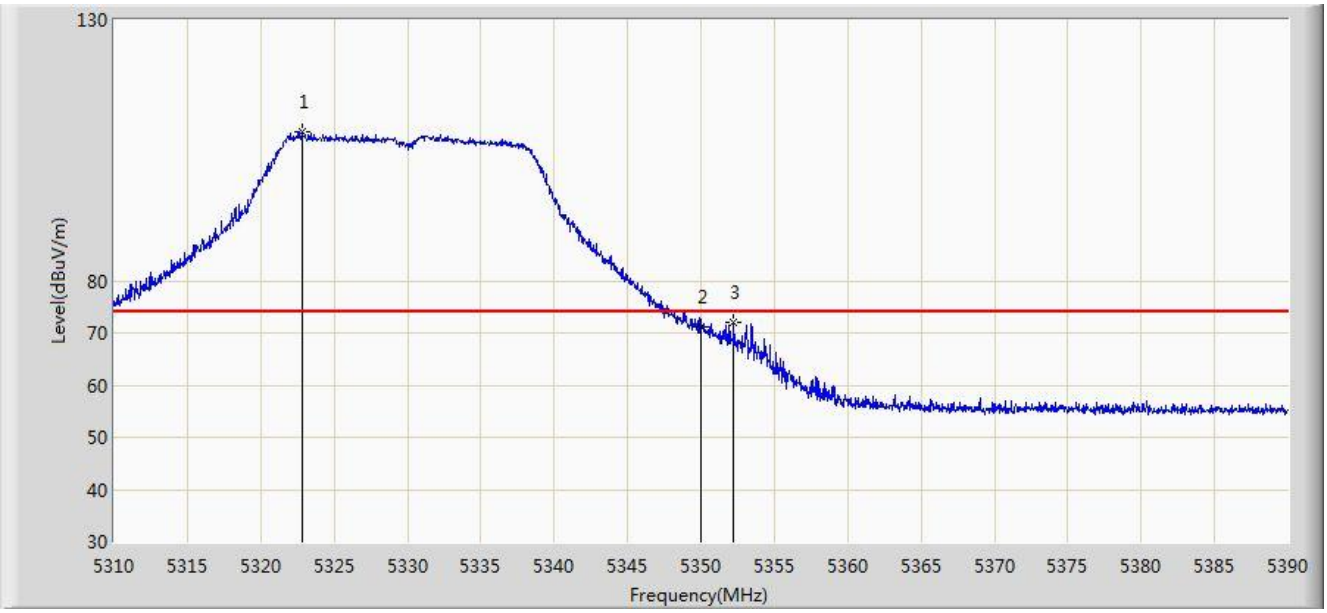


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5331.480	89.843	87.141	N/A	N/A	2.703	AV
2			5350.000	49.721	47.024	-4.279	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/24 - 19:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1	

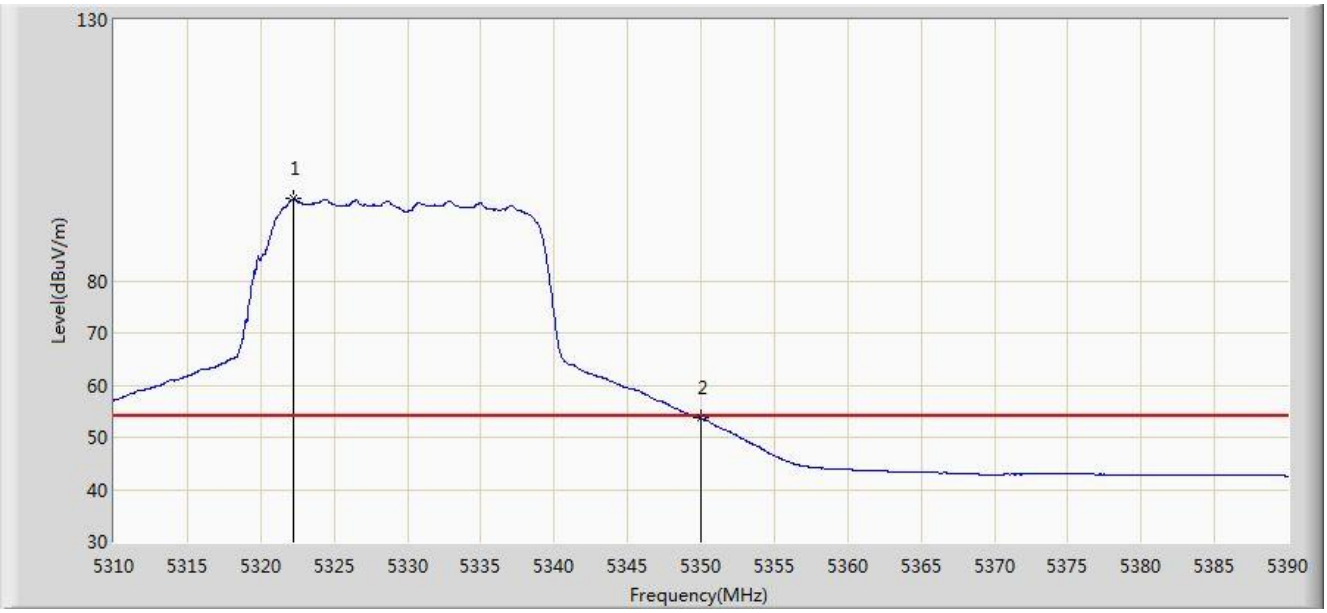


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.840	108.540	105.866	N/A	N/A	2.675	PK
2			5350.000	71.257	68.560	-2.743	74.000	2.697	PK
3			5352.240	72.071	69.366	-1.929	74.000	2.706	PK

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

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

Site: AC2	Time: 2016/08/24 - 19:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0 + 1	

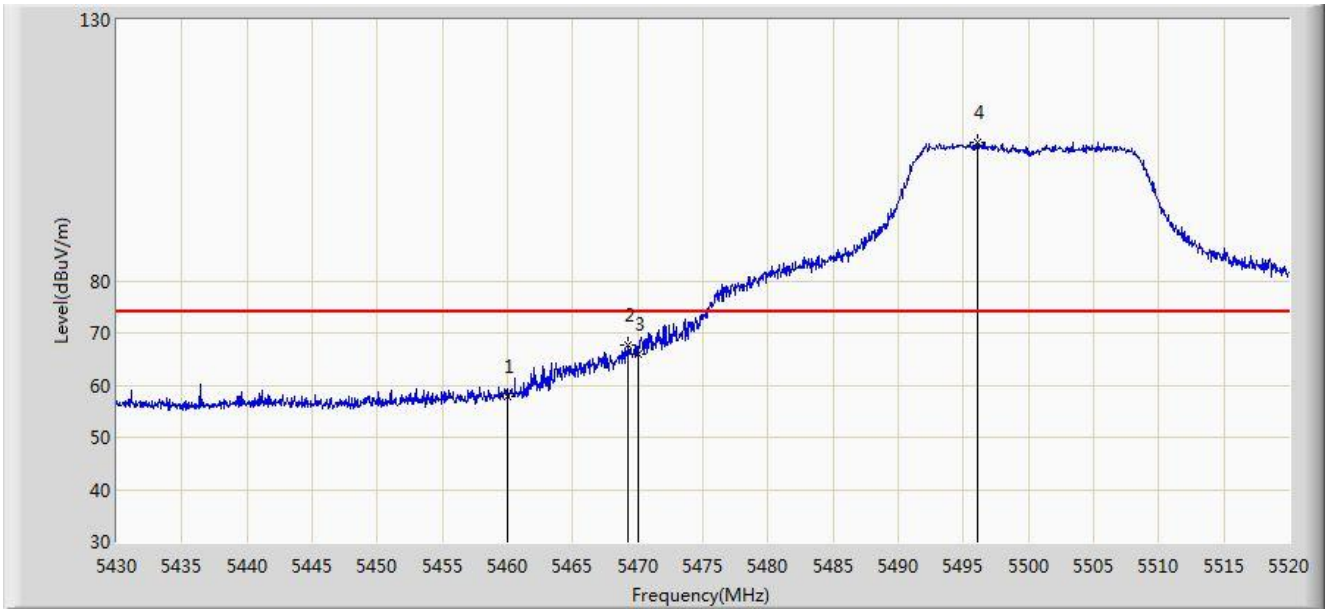


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.280	95.784	93.112	N/A	N/A	2.673	AV
2			5350.000	53.681	50.984	-0.319	54.000	2.697	AV

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

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

Site: AC2	Time: 2016/08/25 - 10:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1	

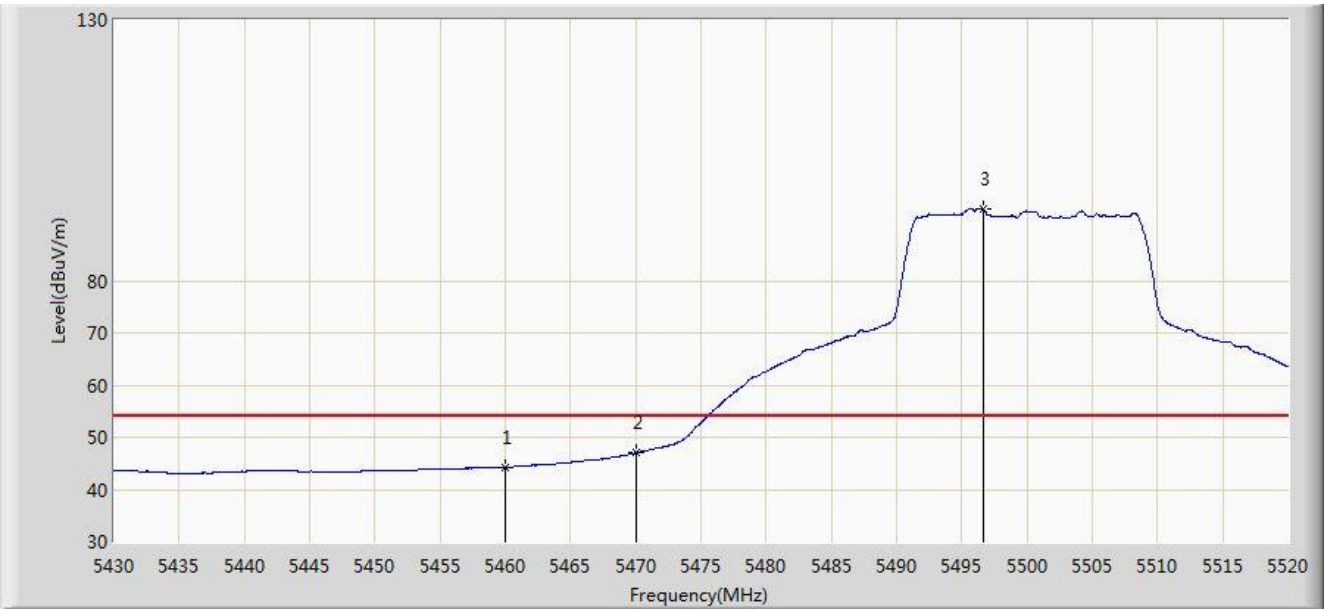


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	57.882	54.689	-16.118	74.000	3.194	PK
2			5469.195	67.606	64.104	-6.394	74.000	3.501	PK
3			5470.000	65.920	62.391	-8.080	74.000	3.529	PK
4		*	5496.105	106.598	103.447	N/A	N/A	3.151	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: AC2	Time: 2016/08/25 - 10:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WIRELESS-ABGN 2X2 NETWORK MINIPCIE ADAPTER	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.289	41.096	-9.711	54.000	3.194	AV
2			5470.000	47.037	43.508	-6.963	54.000	3.529	AV
3		*	5496.645	93.787	90.641	N/A	N/A	3.145	AV

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

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